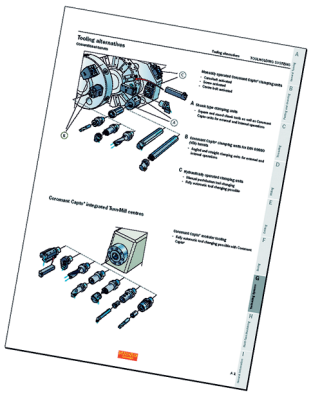
# Cómo elegir su herramienta de tornear



## 1 Alternativas de herramientas - Resumen

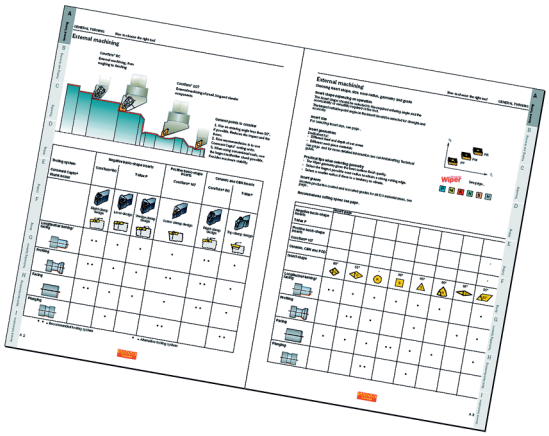
Elija Coromant Capto® o una herramienta con mango, dependiendo de las posibilidades de sujeción en torreta/husillo. Véase el capítulo G, página G4

## 2 Identifique su operación, el sistema de herramientas y el sistema de sujeción

Consulte en la página A4 el mecanizado exterior y en la página A6 el mecanizado interior.

### Defina el tipo de operaciones

– Torneado longitudinal – Perfilado – Refrentado
– Abrir ranuras



### Defina el sistema de herramientas

- Negativa:
  - CoroTurn® RC
  - T-Max P
- Positiva:
  - CoroTurn® 107
  - CoroTurn® 111
  - CoroTurn® TR

## 3 Seleccione la plaquita

- Forma
- Tamaño
- Geometría
- Calidad

## 4 Datos de corte

Los valores de partida para velocidades de corte y avances para diferentes materiales aparecen en las etiquetas de la caja de plaquitas.

Si desea más información técnica, consulte la Guía técnica sobre corte de metal

**Símbolos de las referencias de página:**

| | | | |
|---|---|---|---|
| Mecanizado exterior | Unidad Coromant Capto® | Plaquitas | Cómo se elige la herramienta, información general |
| Mecanizado interior | Mango convencional | Piezas de repuesto/ accesorios | Descripciones de las calidades |
| Herramientas especiales | Barra convencional | Manguitos | Datos de corte, recomendaciones de velocidad |

# TORNEADO GENERAL

## Aplicaciones


Mecanizado exterior A4
Mecanizado interior A6
Productividad del torneado A18


## Productos

**Plaquitas**


Información general sobre plaquitas A9
Clave de códigos A16

**Plaquitas negativas**
T-Max® P - 0° de ángulo de incidencia A19

**Plaquitas positivas**
CoroTurn® 107 - 7° de ángulo de incidencia A44
CoroTurn® 111 - 11° de ángulo de incidencia A60
CoroTurn® TR - guía en forma de T A175

**Materiales de corte avanzados** A65
Clave de códigos A66
Plaquitas negativas A67
Plaquitas positivas A82

**Plaquitas para otros sistemas**
CoroTurn® XS, herramientas interiores para mecanizado de piezas pequeñas A309
CoroCut® XS, herramientas exteriores para mecanizado de piezas pequeñas B88
CoroCut® MB, herramientas interiores para mecanizado de precisión B95

**Mangos para mecanizado exterior** A89

**Mangos para mecanizado interior** A235

**Cartuchos para herramientas especiales** A329

**Herramientas para mecanizado multi-tarea** H1

**Sistema CoroTurn SL** I1


## Piezas de repuesto


A351
Llaves dinamométricas A352


## Datos de corte


Recomendaciones de profundidad de corte y avance A412
Recomendaciones de velocidad de corte A426


## Información sobre calidades


A434

# Mecanizado exterior

**CoroTurn® RC**

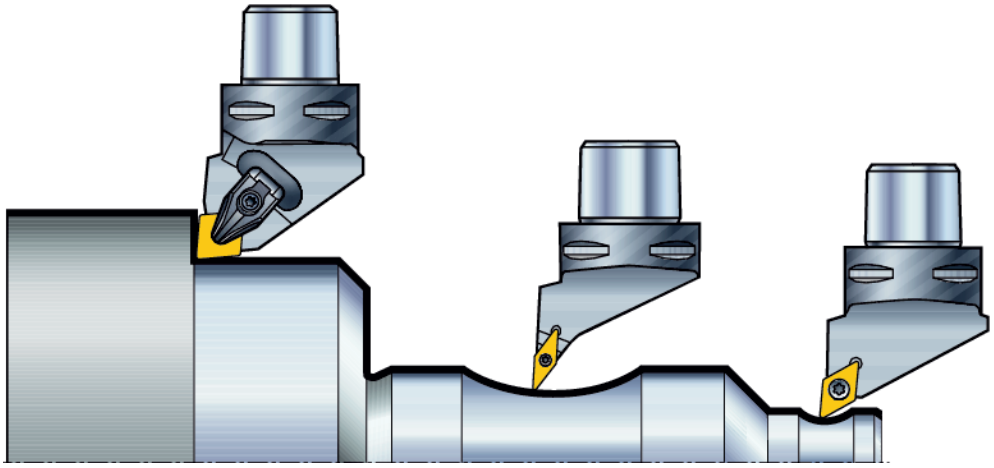
– Mecanizado exterior, de desbaste a acabado

**CoroTurn® TR**

Primera elección para perfilado exterior

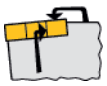
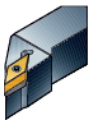
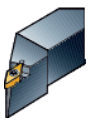
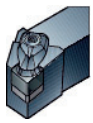
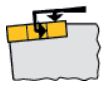
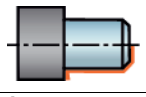
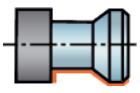
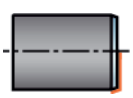
**CoroTurn® 107**

– Mecanizado exterior de piezas pequeñas, largas y esbeltas



### Puntos generales a tener en cuenta

1. Utilice un ángulo de posición inferior a 90° (ángulo de ataque superior a 0°), si es posible, para reducir el impacto y las fuerzas en la arista de corte.
2. La primera recomendación es utilizar unidades de corte Coromant Capto® .
3. Si emplea herramientas convencionales, utilice el mango más grande posible para asegurar la máxima estabilidad.

| | Plaquitas negativas | | | Plaquitas positivas | | Plaquitas de cerámica y de CBN | |
|---|---|---|---|---|---|---|---|
| **Sistema de herramientas** | **CoroTurn® RC** | **T-Max P** | | **CoroTurn® 107** | **CoroTurn TR** | **CoroTurn® RC** | **T-Max®** |
| **Coromant Capto®** | A103 | A111 | A120 | A152 | A179 | A186 | A193 |
| **Portaherramientas** | A123 | A138 | A145 | A160 | A181 | A194 | A204 |
| **Unidades de corte SL** | - | I13 | - | - | I12 | - | - |
| | Diseño de sujeción rígida  | Diseño de sujeción por palanca | Diseño de brida cuña  |  Diseño de sujeción por tornillo |  Diseño de sujeción por tornillo |  Diseño de sujeción rígida  | Diseño de sujeción superior |
| **Torneado longitudinal/ refrentado**  | •• | • | • | • | • | •• | • |
| **Perfilado**  | •• | • | • | •• | •• | •• | • |
| **Refrentado**  | •• | • | • | • | | •• | • |
| **Abrir ranuras** | | • | | •• | | | •• |

•• = Sistema de herramientas recomendado

• = Sistema de herramientas alternativo

# Mecanizado exterior

## Elección de la plaquita: forma, tamaño, radio de punta, geometría y calidad

### Forma de la plaquita dependiendo de la operación

La forma de la plaquita debe seleccionarse en función del ángulo de avance y de la accesibilidad o versatilidad exigida a la herramienta.

Deberá seleccionarse el ángulo de punta de la plaquita más grande posible para mayor resistencia y economía

### Tamaño de plaquita

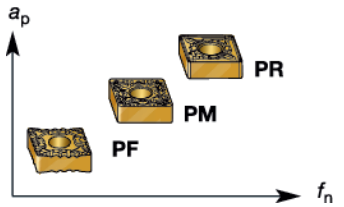
Para seleccionar el tamaño de la plaquita, consulte la página A8.

### Geometrías de plaquita

Especiales para:

- - Distintas áreas de avance y profundidad de corte
  - Distintos materiales de pieza

Consulte la página A19 y, si desea información más detallada, nuestra Guía técnica sobre corte de metal.




Véase la página A18.

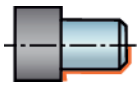
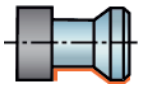
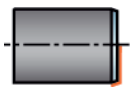
### Sugerencias prácticas para seleccionar la geometría

- Seleccione la geometría rascadora Wiper para obtener el mejor acabado superficial.
- Seleccione el mayor radio de punta posible con el fin de obtener una arista de corte robusta.
- Seleccione un radio menor si hay tendencia a la vibración.

### Calidades de la plaquita

Calidades modernas y productivas, con y sin recubrimiento, para todas las áreas de materiales ISO, consulte la página A434.

**Velocidad de corte recomendada, consulte la página A426.**

| | Plaquita página | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Plaquitas negativas** | A20 | A25 | A29 | A30 | A34 | A40 | A38 | A43 |
| **T-Max P** | | | | | | | | |
| **Plaquitas positivas** | A45 | A48 | A50 | A51 | A53 | - | A56 | - |
| **CoroTurn® 107** | | | | | | | | |
| **CoroTurn® TR** | - | A177 | - | - | - | - | A177 | - |
| **Cerámica, CBN y PCD** | A67 | A71 | A73 | A75 | A77 | A79 | A81 | - |
| | A82 | A83 | A84 | A85 | A86 | - | A88 | - |
| **Forma de la plaquita** | C | D | R | S | T | W | V | 55° |
| **Torneado longitudinal/ refrentado**  | • • | • | • | • | • | • | | • |
| **Perfilado**  | | • • | • | | • | | • | • |
| **Refrentado**  | • | • | • | • • | • | • | | • |
| **Abrir ranuras** | | | • • | | • | | | |

• • = Forma de plaquita recomendada

• = Forma de plaquita alternativa

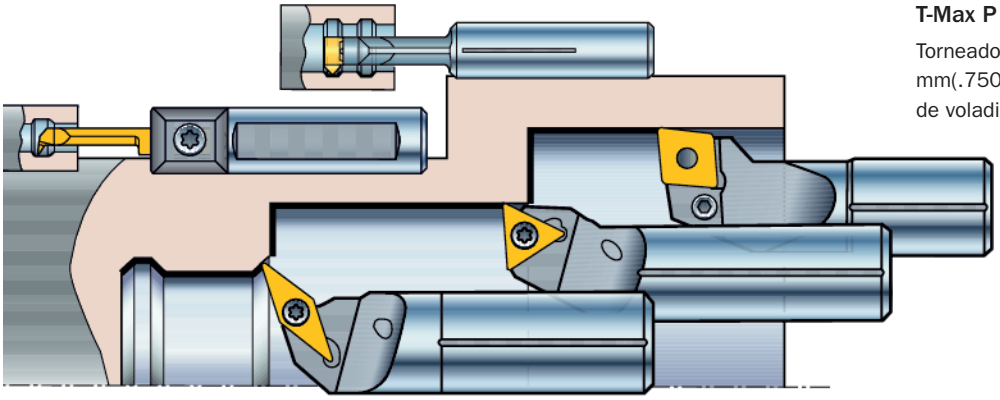
# Mecanizado interior

**CoroTurn® XS**

Mecanizado interior de agujeros de diámetro muy pequeño, a partir de 0.3 mm (.012 pulgadas) (Mecanizado de piezas pequeñas)

**CoroCut® MB**

Mecanizado interior de agujeros de diámetro pequeño, a partir de 10 mm (.394 pulgadas)



**T-Max P**

Torneado interior para agujeros a partir de 20 mm(.750 pulgadas) de diámetro con herramientas de voladizo corto y condiciones estables.

**Puntos generales a tener en cuenta**

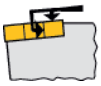
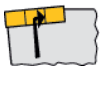
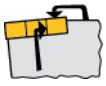
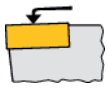
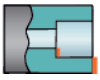
1. Utilice un ángulo de posición de unos 90° (ángulo de ataque 0°) pero nunca inferior a 75° (ángulo de ataque nunca superior a 15°) para reducir la desviación y vibración de la barra.
2. Utilice el tamaño de barra más grande y el menor voladizo posible para asegurar la máxima estabilidad.

**CoroTurn® 111**

Para optimización de operaciones de torneado interior que requieren fuerzas de corte reducidas al mecanizar con grandes voladizos de herramienta.

**CoroTurn® 107**

Primera elección para el mecanizado interior de agujeros pequeños y medianos a partir de 6 mm (.236 pulgadas) de diámetro.

| | Plaquitas negativas | | | Plaquitas positivas | | | Plaquitas de cerámica y de CBN |
|---|---|---|---|---|---|---|---|
| **Sistema de herramientas** | **CoroTurn® RC** | **T-Max P** | | **CoroTurn® 107** | **CoroTurn® 111** | **CoroTurn TR** | **T-Max®** |
| **Mecanizado exterior, unidades de corte Coromant Capto® para mecanizado Multi-Tarea** | A245 | A247 | A250 | A264 | - | - | - |
| **Portaherramientas** | A253 | A257 | A259 | A270 | A293 | - | A303 |
| **Unidades de corte SL** | I22 | I16 | - | I27 | I32 | I18 | - |
| | | | | | | | |
| | Diseño de sujeción rígida | Diseño de sujeción por palanca | Diseño de brida cuña | Diseño de sujeción por tornillo | Diseño de sujeción por tornillo | Diseño de sujeción por tornillo | Diseño de sujeción superior |
| |  |  |  | | | |  |
| **Torneado longitudinal/ refrentado** | • • | • • | • | • • | • • | • | • |
| **Perfilado** | • | • | | • • | • • | | |
| **Refrentado**  | • | • | | • • | • | • | • |

• • = Forma de plaquita recomendada

• = Forma de plaquita alternativa

# Mecanizado interior

## Elección de la plaquita: forma, tamaño, radio de punta, geometría y calidad

### La forma de la plaquita depende de la operación

La forma de la plaquita debe seleccionarse en función del ángulo de avance y de la accesibilidad o versatilidad exigida a la herramienta.

Deberá seleccionarse el ángulo de punta de la plaquita más grande posible para mayor resistencia y economía

### Tamaño de plaquita

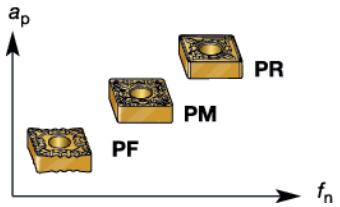
Para seleccionar el tamaño de la plaquita, consulte la página A8.

### Geometrías de plaquita

Especiales para:

- - Distintas áreas de avance y profundidad de corte
  - Distintos materiales de pieza

Consulte la página A19 y, si desea información más detallada, nuestra Guía técnica sobre corte de metal.




Véase la página A18.

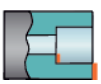
### Sugerencias prácticas para seleccionar la geometría

Seleccione la geometría rascadora Wiper para obtener el mejor acabado superficial.
Seleccione el mayor radio de punta posible con el fin de obtener una arista de corte robusta.
Seleccione un radio menor si hay tendencia a la vibración.

### Calidades de la plaquita

Calidades modernas y productivas, con y sin recubrimiento, para todas las áreas de materiales ISO, consulte la página A434.

**Velocidad de corte recomendada, consulte la página A426.**

| | Plaquita página | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Plaquitas negativas**<br>**T-Max P** | A20 | A25 | A29 | A30 | A34 | A40 | A38 | A43 |
| **Plaquitas positivas**<br>**CoroTurn® 107** | A45 | A48 | A50 | A51 | A53 | - | A56 | - |
| **Plaquitas positivas**<br>**CoroTurn® 111** | A60 | A61 | - | A62 | A63 | A64 | | - |
| **Cerámica, CBN y PCD** | A67<br>A82 | A71<br>A83 | A73<br>A84 | A75<br>A85 | A77<br>A86 | A79<br>- | A81<br>A88 | -<br>- |
| **Forma de la plaquita** | C | D | R | S | T | W | V | 55° |
| **Torneado longitudinal/ refrentado** | • | • | • | • | • • | • | | |
| **Perfilado** | | • • | | | • | | • | • • |
| **Refrentado**  | • • | • | • | | • | • | | |

• • = Forma de plaquita recomendada

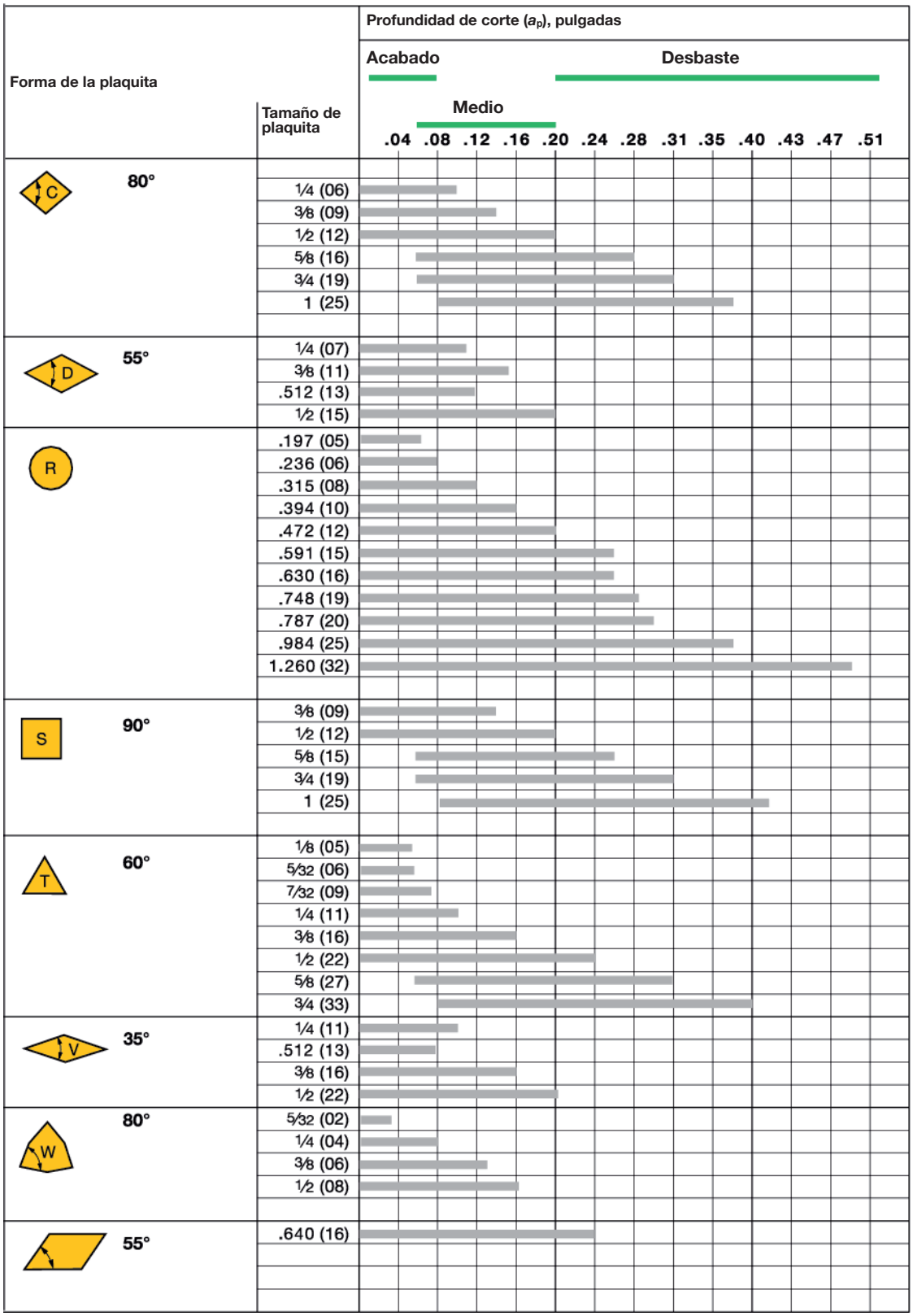
• = Forma de plaquita alternativa

# Selección del tamaño de plaquita

**Acabado**
Operaciones a pequeñas profundidades de corte avance bajos.
$f_n$ = 0.1 - 0.3 mm/r
.004 - .012 pulgadas/r

**Medio**
Operaciones de desbaste medio a ligero. Amplia gama de combinaciones de profundidades de corte y avances.
$f_n$ = 0.2 - 0.5 mm/r
.008 - .020 pulgadas/r

**Desbaste**
Operaciones para grandes avances y eliminación de material
$f_n$ = 0.5 - 1.5 mm/r
.020 - .059 pulgadas/r



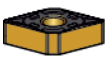
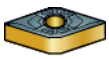
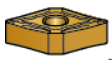

Nota: la profundidad de corte en plaquitas de CBN y PCD viene determinada por el tamaño de la punta. Para más información, ver página de pedido.

# Plaquitas para torneado en general

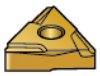
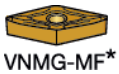
## Plaquitas con forma básica negativa – T-Max P

### Acabado

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | CNMG-WF | CNMG-WL | CNMG-PF | CNMG-MF | CNMG-KF | CNGG-SGF | CNMG-LC | CNMG-QF | CNMG-SF | CNMG-MF* |
| | 09-12 | 12 | 09-12 | 12 | 12 | 12 | 12 | 09-12 | 12 | 09-12 |
| *iC* | 3/8-1/2 | 1/2 | 3/8-1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 3/8-1/2 | 1/2 | 3/8-1/2 |
| Página | A20 | A20 | A20 | A20 | A20 | A20 | A20 | A21 | A20 | A21 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| CNGG-AS | DNMX-WF | DNMG-PF | DNMG-MF |  DNMG-KF | DNGG-SGF |  DNMG-LC | DNMG-QF | DNMG-SF | DNMG-K |  DNMG-MF* |
| 12 | 11-15 | 11-15 | 11-15 | 11-15 | 15 | 11-15 | 11 | 15 | 15 | 11-15 |
| 1/2 | 3/8-1/2 | 3/8-1/2 | 3/8-1/2 | 3/8-1/2 | 1/2 | 1/2 | 3/8 | 1/2 | 1/2 | 3/8-1/2 |
| A20 | A25 | A25 | A25 | A25 | A25 | A25 | A26 | A25 | A26 | A26 |

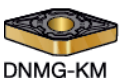
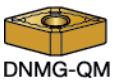
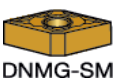
| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| SNMG-PF | SNMG-MF | SNMG-QF | SNMG-MF* | | TNMX-WF | TNMG-PF | TNMG-MF | TNMG-KF | TNMG-LC | TNMG-QF |
| 12 | 12 | 12 | 09-15 | | 16 | 16-22 | 16 | 16 | 16 | 16-22 |
| 1/2 | 1/2 | 1/2 | 3/8-5/8 | | 3/8 | 3/8-1/2 | 3/8 | 3/8 | 3/8 | 3/8-1/2 |
| A30 | A30 | A30 | A30 | | A34 | A34 | A34 | A34 | A34 | A34 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| TNMG-SF |  TNMG-K | TNMG-MF* | VNMG-PF | VNMG-MF | VNGG-SGF | VNMG-LC | VNMG-SF |  VNMG-MF* | WNMG-WF | WNMG-WL |
| 16 | 16 | 11-22 | 16 | 16 | 16 | 16 | 16 | 16 | 06-08 | 06-08 |
| 3/8 | 3/8 | 1/4-1/2 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8-1/2 | 3/8-1/2 |
| A34 | A34 | A34 | A38 | A38 | A38 | A38 | A38 | A38 | A40 | A40 |

| | | | | | | |
|---|---|---|---|---|---|---|
| WNMG-PF | WNMG-MF | WNMG-KF | WNMG-SF | WNMG-LC | WNMG-MF* | WNGG-SGF |
| 06-08 | 06-08 | 06-08 | 08 | 06-08 | 06-08 | 08 |
| 3/8-1/2 | 3/8-1/2 | 3/8-1/2 | 1/2 | 3/8-1/2 | 3/8-1/2 | 1/2 |
| A40 | A40 | A40 | A40 | A40 | A40 | A40 |

### Mecanizado medio

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | CNMG-SMR | CNMG-WMX | CNMG-PM | CNMG-MM | CNMG-KM | CNMG-QM | CNMG-HM | CNMX-SM | CNMG-SM |
| | 12 | 12-16 | 09-19 | 12-19 | 12-19 | 09-19 | 16-19 | 12 | 12-16 |
| *iC* | 1/2 | 1/2-5/8 | 3/8-3/4 | 1/2-3/4 | 1/2-3/4 | 3/8-3/4 | 5/8-3/4 | 1/2 | 1/2-5/8 |
| Página | A22 | A21 | A21 | A21 | A21 | A22 | A22 | A22 | A22 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | DNMG-SM | DNMX-WMX | DNMG-PM | DNMG-MM |  DNMG-KM |  DNMG-QM |  DNMG-SM | RCMX | RNMG |
| | 15 | 15 | 11-15 | 11-15 | 11-15 | 11-15 | 15 | 10-32 | 09-25 |
| | 1/2 | 1/2 | 3/8-1/2 | 3/8-1/2 | 3/8-1/2 | 3/8-1/2 | 1/2 | .394-1.260 | 3/8-1 |
| | A27 | A26 | A26 | A26 | A26 | A27 | A27 | A29 | A29 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| SNMG-PM | SNMG-MM | SNMG-KM | SNMG-QM | SNMG-SM | SNMG-HM | SNMG-SM | TNMX-WMX | TNMG-PM | TNMG-MM | TNMG-KM |
| 09-15 | 12-19 | 09-19 | 09-19 | 12 | 15-19 | 12 | 16 | 16-22 | 16-22 | 16-22 |
| 3/8-5/8 | 1/2-3/4 | 3/8-3/4 | 3/8-3/4 | 1/2 | 5/8-3/4 | 1/2 | 3/8 | 3/8-1/2 | 3/8-1/2 | 3/8-1/2 |
| A30 | A30 | A30 | A31 | A30 | A31 | A31 | A35 | A35 | A35 | A35 |

* Geometría específica para acabado de materiales pastosos.

Continuación ...

# Plaquitas para torneado en general

... continuación

**Plaquitas con forma básica negativa – T-Max P**

| | TNMG-QM | TNMG-SM | TNMG-SM | VNMG-PM | VNMG-MM | VNMG-KM | VNMG-QM | VNMG-SM | WNMG-WMX | WNMG-PM | WNMG-MM |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 11-27 | 16-22 | 16-22 | 16 | 16 | 16 | 16 | 16 | 06-08 | 06-08 | 06-08 |
| | 1/4-5/8 | 3/8-1/2 | 3/8-1/2 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8-1/2 | 3/8-1/2 | 3/8-1/2 |
| | A35 | A35 | A35 | A39 | A39 | A39 | A39 | A39 | A40 | A40 | A40 |

| | WNMG-KM | WNMG-QM | WNMG-SM | WNMG-SM |
|---|---|---|---|---|
| | 06-08 | 06-08 | 08 | 08 |
| | 3/8-1/2 | 3/8-1/2 | 3/8 | 1/2 |
| | A40 | A40 | A40 | A40 |

**Desbaste**

| | CNMM-WR | CNMG-PR | CNMM-PR | CNMG-MR | CNMM-MR | CNMG-KR | CNMA-KR | CNMM-QR | CNMG-SMR | CNMM-HR |
|---|---|---|---|---|---|---|---|---|---|---|
| | 12-19 | 12-19 | 12-25 | 12-19 | 12-25 | 12-19 | 12-19 | 12-25 | 16-19 | 19-25 |
| *iC* | 1/2-3/4 | 1/2-1 | 1/2-3/4 | 1/2-3/4 | 1/2-1 | 1/2-3/4 | 1/2-3/4 | 1/2-1 | 5/8-3/4 | 3/4-1 |
| Página | A23 | A23 | A23 | A23 | A23 | A24 | A24 | A24 | A24 | A24 |

| | CNMG-MR* | DNMG-PR | DNMM-PR | DNMG-MR | DNMM-MR | DNMA-KR | DNMG-KR | DNMM-QR | DNMG-MR* | DNMG-SMR | SNMG-PR |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12-19 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 19 | 12-25 |
| | 1/2-3/4 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 3/4 | 1/2-1 |
| | A24 | A27 | A27 | A27 | A27 | A27 | A28 | A28 | A28 | A27 | A27 |

| | SNMM-PR | SNMG-MR | SNMM-MR | SNMA-KR | SNMG-KR | SNMM-QR | SNMG-SMR | SNMM-HR | SNMG-MR* | TNMX-WR | TNMG-PR |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12-19 | 12-19 | 12-25 | 09-25 | 12-25 | 12-25 | 12-19 | 19-225 | 12-19 | 22 | 16-22 |
| | 1/2-3/4 | 1/2-3/4 | 1/2-1 | 3/8-1 | 1/2-1 | 1/2-1 | 1/2-3/4 | 3/4-1 | 1/2-1 | 1/2 | 3/8-3/4 |
| | A31 | A32 | A32 | A32 | A32 | A33 | A32 | A33 | A33 | A36 | A36 |

| | TNMM-PR | TNMG-MR | TNMM-MR | TNMA-KR | TNMG-KR | TNMM-HR | TNMM-QR | TNMG-MR* | WNMG-PR | WNMG-MR |
|---|---|---|---|---|---|---|---|---|---|---|
| | 16-22 | 12-19 | 16-27 | 16-27 | 16-27 | 27 | 16-27 | 27 | 06-08 | 06-08 |
| | 3/8-1/2 | 3/8-1/2 | 3/8-5/8 | 3/8-5/8 | 3/8-5/8 | 5/8 | 3/8-5/8 | 3/8-5/8 | 3/8-1/2 | 3/8-1/2 |
| | A36 | A36 | A36 | A36 | A36 | A37 | A37 | A37 | A42 | A42 |

| | WNMM-MR | WNMG-KR | WNMA-KR | WNMG-MR* | WNMG-SMR | RNMG-SR |
|---|---|---|---|---|---|---|
| | 08 | 06-08 | 06-08 | 08 | 08 | 19 |
| | 1/2 | 3/8-1/2 | 3/8-1/2 | 1/2 | 1/2 | 3/4 |
| | A42 | A42 | A42 | A42 | A42 | A29 |

## Plaquitas con forma básica negativa – T-Max®

| | KNMX-71 | KNUX |
|---|---|---|
| | 16 | 16 |
| Pulgadas | .640 | .640 |
| Página | A43 | A43 |

* Geometría específica para acero y desbaste de acero inoxidable.



SANDVIK Coromant

# Plaquitas para torneado en general

## Plaquitas con forma básica positiva CoroTurn® 107

### Acabado

| | CCMT-WF | CCMT-PF | CCMT-MF | CCMT-KF | CCMT-UF | DCMX-WF | DCMT-PF | DCMT-MF | DCMT-KF | DCMT-UF |
|---|---|---|---|---|---|---|---|---|---|---|
| | 06-09 | 06-12 | 06-12 | 06-12 | 06-09 | 07-11 | 07-11 | 07-11 | 07-11 | 07-11 |
| *iC* | 1/4-3/8 | 1/4-1/2 | 1/4-1/2 | 1/4-1/2 | 1/4-3/8 | 1/4-3/8 | 1/4-3/8 | 1/4-3/8 | 1/4-3/8 | 1/4-3/8 |
| Página | A45 | A45 | A45 | A45 | A45 | A48 | A48 | A48 | A48 | A48 |

| | SCMT-PF | SCMT-MF | TCMX-WF | TCGX-WK | TCMT-PF | TCMT-MF | TCMT-KF | TCMT-UF | TCEX | TCGT-K |
|---|---|---|---|---|---|---|---|---|---|---|
| | 09 | 09 | 09-16 | | 06-16 | 06-16 | 06-16 | 11 | 05-11 | 06-11 |
| *iC* | 3/8 | 3/8 | 7/32-3/8 | 7/32-1/4 | 5/32-3/8 | 5/32-3/8 | 5/32-3/8 | 5/32-3/8 | 1/8-1/4 | 5/32-1/4 |
| Página | A51 | A51 | A53 | A53 | A53 | A53 | A53 | A54 | A53 | A54 |

| | VBMT-PF | VBMT-MF | VBMT-KF | VBMT-UF | VCEX-F |
|---|---|---|---|---|---|
| | 11-16 | 11-16 | 11-16 | 11 | 11 |
| *iC* | 1/4-3/8 | 1/4-3/8 | 1/4-3/8 | 1/4 | 1/4 |
| Página | A56 | A56 | A56 | A56 | A56 |

### Mecanizado medio

| | CCMT-WM | CCMT-PM | CCMT-MM | CCMT-KM | CCGT-UM | CCMW | CCMT-UM | CCET-UM | DCMX-WM | DCMT-PM |
|---|---|---|---|---|---|---|---|---|---|---|
| | 06-12 | 06-12 | 06-12 | 06-12 | 06-12 | 06-12 | 06-12 | 06 | 11 | 07-11 |
| *iC* | 1/4-1/2 | 1/4-1/2 | 1/4-1/2 | 1/4-1/2 | 1/4-1/2 | 1/4-3/8 | 1/4-3/8 | 1/4 | 3/8 | 1/4-3/8 |
| Página | A45 | A45 | A45 | A46 | A46 | A46 | A46 | A46 | A48 | A48 |

| | DCMT-MM | DCMT-KM | DCMT-UM | DCET-UM | DCGT-UM | DCMW | RCMT | RCMT-SM | SCMT-PM | SCMT-MM | SCMT-KM |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 07-11 | 07-11 | 07-11 | 07-11 | 07-11 | 07-11 | 05-32 | 08-16 | 09-12 | 09-12 | 09-12 |
| *iC* | 1/4-3/8 | 1/4-3/8 | 1/4-3/8 | 1/4-3/8 | 1/4-3/8 | 3/8 | 1/4-1/2 | 1/4-1/2 | 3/8-1/2 | 3/8-1/2 | 3/8-1/2 |
| Página | A48 | A48 | A49 | A49 | A49 | A49 | A50 | A50 | A51 | A51 | A51 |

| | SCMT-UM | SCMW | TCMX-WM | TCMT-PM | TCMT-MM | TCMT-KM | TCMT-UM | TCGT-UM | TCMW | VBMT-PM | VBMT-MM |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 09-12 | 09 | 11-16 | 09-22 | 09-22 | 09-22 | 11 | 09-16 | 11-16 | 16 | 16 |
| *iC* | 3/8 | 3/8-1/2 | 1/4-3/8 | 7/32-1/2 | 7/32-1/2 | 7/32-1/2 | 7/32-3/8 | 7/32-3/8 | 1/4-3/8 | 3/8 | 3/8 |
| Página | A52 | A52 | A54 | A54 | A54 | A54 | A55 | A55 | A55 | A56 | A56 |

| | VBMT-KM | VBMT-UM | VBGT-UM | VCGT-UM | VCET-UM | VBMW |
|---|---|---|---|---|---|---|
| | 16 | 16 | 16 | 11 | 11 | 16 |
| *iC* | 3/8 | 3/8 | 3/8 | 1/4 | 1/4 | 3/8 |
| Página | A56 | A57 | A57 | A57 | A57 | A57 |

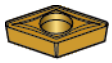
Nota: plaquitas VCMT CoroTurn® 107 disponibles en la página A12.

Continuación ...

# Plaquitas para torneado en general

... continuación

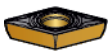
**Desbaste**

| | CCMT-PR | CCMT-MR | CCMT-KR | CCMT-UR | DCMT-PR | DCMT-MR | DCMT-KR |  DCMT-UR | SCMT-PR | SCMT-MR |
|---|---|---|---|---|---|---|---|---|---|---|
| | 06-12 | 06-12 | 06-12 | 09-12 | 11 | 11 | 11 | 11 | 09-12 | 09-12 |
| *iC* | 1/4-1/2 | 1/4-1/2 | 1/4-1/2 | 1/4-1/2 | 3/8 | 3/8 | 3/8 | 3/8 | 3/8-1/2 | 3/8-1/2 |
| Página | A46 | A47 | A47 | A47 | A49 | A49 | A49 | A49 | A52 | A52 |

| SCMT-UR | SCMT-KR | TCMT-PR | TCMT-MR | TCMT-KR | TCMT-UR | VBMT-PR | VBMT-MR | VBMT-KR | VBMT-UR |
|---|---|---|---|---|---|---|---|---|---|
| 09-12 | 09-12 | 11-22 | 11-22 | 11-22 | 11 | 16 | 16 | 16 | 16 |
| 3/8-1/2 | 3/8-1/2 | 1/4-1/2 | 1/4-1/2 | 1/4-1/2 | 1/4-3/8 | 3/8 | 3/8 | 3/8 | 3/8 |
| A52 | A52 | A55 | A55 | A55 | A55 | A57 | A57 | A57 | A57 |

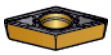
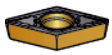
## Plaquitas con forma básica positiva CoroTurn® 111/107

**Acabado**

| | CPMT-PF | CPMT-MF | CPMT-KF | CPMT-UM | DPMT-PF | DPMT-MF |  DPMT-KF | TPMT-PF | TPMT-MF | TPMT-KF |
|---|---|---|---|---|---|---|---|---|---|---|
| | 06 | 06-09 | 06 | 06-09 | 07 | 07 | 07 | 06-16 | 06-16 | 06-16 |
| *iC* | 1/4-3/8 | 1/4-3/8 | 1/4 | 1/4-3/8 | 1/4 | 1/4 | 1/4 | 5/32-3/8 | 5/32-3/8 | 5/32-3/8 |
| Página | A60 | A60 | A60 | A60 | A61 | A61 | A61 | A63 | A63 | A63 |

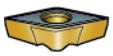
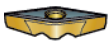
| VCMT-PF | 1) VCMT-MF | 1) VCMT-KF | 1) WPMT-PF | WPMT-MF | WPMT-KF |
|---|---|---|---|---|---|
| 11 | 11 | 11 | 02-04 | 02-04 | 02-04 |
| 1/4 | 1/4 | 1/4 | 5/32-1/4 | 5/32-1/4 | 1/4 |
| A59 | A59 | A59 | A64 | A64 | A64 |

**Mecanizado medio**

| | CPMT-PM | CPMT-MM | CPMT-KM |  DPMT-PM | DPMT-MM |  DPMT-KM | SPMT-UM | TPMT-PM | TPMT-MM | TPMT-KM |
|---|---|---|---|---|---|---|---|---|---|---|
| | 06 | 06-09 | 06 | 07-11 | 07-11 | 07-11 | 09-16 | 09-16 | 09-16 | 09-16 |
| *iC* | 1/4-3/8 | 1/4-3/8 | 1/4-3/8 | 1/4-3/8 | 1/4-3/8 | 1/4-3/8 | 3/8-1/2 | 7/32-3/8 | 7/32-3/8 | 7/32-3/8 |
| Página | A60 | A60 | A60 | A61 | A61 | A61 | A62 | A63 | A63 | A63 |

| VCMT-PM | 1) VCMT-MM | 1) VCMT-KM | 1) WPMT-PM | WPMT-MM | WPMT-KM |
|---|---|---|---|---|---|
| 11 | 11 | 11 | 04 | v | 04 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| A59 | A59 | A59 | A64 | A64 | A64 |

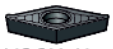
## Plaquitas de forma básica positiva CoroTurn TR

| |  TR-DC-F | TR-DC-M |  TR-VB-F |
|---|---|---|---|
| | 13 | 13 | 13 |
| Página | A177 | A177 | A177 |

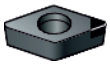
1) Plaquitas CoroTurn® 107 con ángulo de incidencia de 7°

# Plaquitas para torneado en general

## Plaquitas positivas para mecanizado de materiales no férreos

| | CCGX-AL | DCGX-AL | RCGX-AL | SCGX-AL | TCGX-AL |  VCGX-AL |
|---|---|---|---|---|---|---|
| | 06-12 | 07-11 | 06-12 | 09 | 06-16 | 11-22 |
| *iC* | 1/4-1/2 | 1/4-3/8 | .236-.472 | 3/8 | 5/32-3/8 | 1/4-1/2 |
| Página | A46 | A49 | A50 | A52 | A55 | A57 |

**Diamante policristalino (PCD)**

| | CCMW FP |  DCMW FP | SPUN FP | TCMW FP | TCMW FRP | TPU FP | TPU FPR | VCMW FP |
|---|---|---|---|---|---|---|---|---|
| | 06-09 | 11 | 09-12 | 09-16 | 16 | 11-16 | 16 | 11-16 |
| *iC* | 1/4-3/8 | 3/8 | 1/2 | 7/32-3/8 | 3/8 | 1/4-3/8 | 3/8 | 1/4-3/8 |
| Página | A82 | A83 | A85 | A86 | A86 | A87 | A86 | A86 |

[1] Plaquitas CoroTurn® 107 con ángulo de incidencia de 7°

# Plaquitas para torneado en general

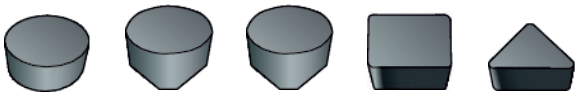
## Plaquitas de materiales de corte avanzados

### Cerámica, negativa

| | CNGA-WG | CNGQ-WG | CNGA | CNGQ | CNGN | DNGA | DNGQ | DNGN | RNGA | RNGN |
|---|---|---|---|---|---|---|---|---|---|---|
| | 12 | 12 | 12-19 | 12-16 | 12-16 | 15 | 15 | 15 | 15 | 06-25 |
| *iC* | 1/2 | 1/2 | 1/2-3/4 | 1/2-5/8 | 1/2-5/8 | 1/2 | 1/2 | 1/2 | 1/2 | 3/8-1 |
| Página | A67 | A67 | A67 | A68 | A70 | A71 | A71 | A73 | A73 | A74 |

| | SNGA | SNGQ | SNGN | TNGA | TNGN | WNGA-WG | WNGA-WH | WNGA | VNGA |
|---|---|---|---|---|---|---|---|---|---|
| | 12 | 12 | 09-16 | 16-22 | 11-22 | 08 | 08 | 08 | 16 |
| *iC* | 1/2 | 1/2 | 3/8-3/4 | 3/8-1/2 | 1/4-1/2 | 1/2 | 1/2 | 1/2 | 3/8 |
| Página | A75 | A75 | A76 | A77 | A78 | A79 | A79 | A79 | A81 |

### Cerámica, positiva



| | RPGN | RCGX | RPGX | SPGN | TPGN |
|---|---|---|---|---|---|
| | 09 | 06-25 | 06-12 | 12 | 11-16 |
| *iC* | 3/8 | 1/4-1 | 1/4-1/2 | 1/2 | 1/4-3/8 |
| Página | A84 | A84 | A84 | A85 | A87 |

### Nitruro de boro cúbico (CBN), forma básica negativa

| | CNGA-WG | CNGA | CNGA WH | CNGA | DNMA | DNGA | RNGA | RNGN | SNGA | SNMA |
|---|---|---|---|---|---|---|---|---|---|---|
| | 09-12 | 12 | 09-12 | 09-12 | 15 | 11-15 | 09 | 11 | 09-12 | 12 |
| *iC* | 3/8-1/2 | 3/8-1/2 | 3/8-1/2 | 3/8-1/2 | 1/2 | 3/8-1/2 | 3/8 | 1/2 | 3/8-1/2 | 1/2 |
| Página | A68 | A68 | A68 | A68 | A71 | A71 | A73 | A74 | A75 | A75 |

| | SNGN-FD | TNGA | TNMA | TNGN-FD | WNGA-WG | WNGA-WH | WNGA | VNGA |
|---|---|---|---|---|---|---|---|---|
| | 12 | 11-16 | 16-22 | 22 | 06-08 | 06-08 | 06-08 | 16 |
| *iC* | 1/2 | 1/4-3/8 | 3/8-1/2 | 1/2 | 3/8-1/2 | 3/8-1/2 | 3/8-1/2 | 3/8 |
| Página | A76 | A77 | A77 | A78 | A80 | A80 | A80 | A81 |

### CoroTurn® 107, de nitruro de boro cúbico (CBN), con forma básica positiva

| | CCGW | CCGW-WH | DCMW | DCGW | TCMW | TCGW | VBMW | VBGW |
|---|---|---|---|---|---|---|---|---|
| | 09 | 09 | 11 | 11 | 09-11 | 11 | 16 | 16 |
| *iC* | 3/8 | 3/8 | 3/8 | 3/8 | 7/32-1/4 | 1/4 | 3/8 | 3/8 |
| Página | A82 | A82 | A83 | A83 | A86 | A86 | A88 | A88 |



SANDVIK Coromant

# Plaquitas para mecanizado de piezas pequeñas

## CoroTurn® XS

| | Torneado | | | | Ranurado | Perfilado |
|---|---|---|---|---|---|---|
| | | | | | | |
| | **CXS-xxT 045** | **CXS-xxT 090** | **CXS-xxTE 98** | **CXS-xxT 098** | **CXS-xxG** | **CXS-xxR** |
| ▱ | 05-07 | 04-05 | 04-06 | 04-07 | 04-07 | 04-07 |
| Página | A312 | A312 | A316 | A313 | A317 | A320 |

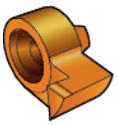
| | Ranurado frontal | Pre-tronzado | Roscado |
|---|---|---|---|
| | | | |
| | **CXS-xxF** | **CXS-xxGX** | **CXS-xxTH** |
| ▱ | 06 | 06 | 04-06 |
| Página | A321 | A321 | A322 |

## CoroCut® XS

| | Tronzado | | | | Ranurado | Torneado | Torneado inverso | Roscado |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |
| | **MAC-N** | **MAC-R** | **MAC-L** | **MAC-T** | **MAG** | **MAF** | **MAB** | **MAT** |
| ▱ | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Página | B90 | B90 | B90 | B90 | B91 | B91 | B91 | B93 |

## CoroCut® MB

| | Ranurado | Perfilado | Pre-tronzado | Torneado | | Copiado | Mandrinado a tracción | Roscado |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |
| | **MB-..G** | **MB-..R** | **MB-..GX** | **MB-..T045** | **MB-..T093** | **MB-..TE93** | **MB-..B** | **MB-..TH** |
| ▱ | 07-09 | 07-09 | 07-09 | 07 | 07 | 07 | 07 | 07 |
| Página | B97 | B101 | B101 | B99 | B99 | B99 | B99 | B103 |

| | Ranurado frontal |
|---|---|
| |  |
| | **MB-FA** |
| ▱ | 09 |
| Página | B102 |

# Plaquitas para torneado en general

**Plaquitas, métrica**

| C | N | M | G | 12 | 04 | 08 | – | | | – | PF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | | 8 | 9 | | 12 |

**Plaquitas, pulgadas**

| C | N | M | G | 4 | 3 | 2 | – | | | – | PF |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | | 8 | 9 | | 12 |

**Plaquitas, materiales de corte avanzados, métrica**

| C | N | M | G | 12 | 04 | 08 | – | T | 010 | 20 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | | 8 | 10 | 11 |

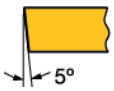
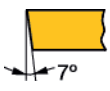
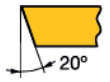
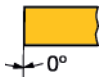
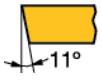
**Plaquitas, materiales de corte avanzados, pulgadas**

| C | N | G | A | 4 | 3 | 2 | – | T | 03 | 20 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | | 8 | 10 | 11 |

**1** Forma de la plaquita

| | | | |
|---|---|---|---|
| C | | D | |
| K | | R | |
| S | | T | |
| V | | W | |

**2** Ángulo de incidencia de la plaquita

| | | | |
|---|---|---|---|
| B |   | C |   |
| E |   | N |   |
| P |   | O | Descripción específica |

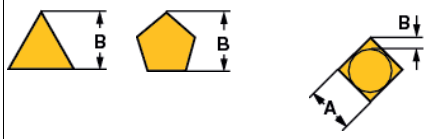
**3** Tolerancias, sistema métrico

| Tipo | *s* | *iC* / *iW* |
|---|---|---|
| G | ±0.13 | ±0.025 |
| M | ±0.13 | ±0.05 – ±0.15[1)] |
| U | ±0.13 | ±0.08 – ±0.25[1)] |
| E | ±0.025 | ±0.025 |

1)Varía según el tamaño de *iC*. Véase más abajo.

| Círculo inscrito *iC* mm | Tipo de tolerancia M | U |
|---|---|---|
| 3.97<br>5.0<br>5.56<br>6.0<br>6.35<br>8.0<br>9.525<br>10.0 | ±0.05 | ±0.08 |
| 12.0<br>12.7 | ±0.08 | ±0.13 |
| 15.875<br>16.0<br>19.05<br>20.0 | ±0.10 | ±0.18 |
| 25.0<br>25.4 | ±0.13 | ±0.25 |
| 31.75<br>32.0 | ±0.15 | ±0.25 |

**3** Tolerancias, pulgadas




A: Diámetro teórico del círculo inscrito en la plaquita.
T: Grosor de la plaquita.
B: Véanse las figuras.

Tolerancias en pulgadas

| Tipo | B: | A: | T: |
|---|---|---|---|
| A | ±.0002 | ±.001 | ±.001 |
| B | .0002 | .001 | .005 |
| C | .0005 | .001 | .001 |
| D | .0005 | .001 | .005 |
| E | .001 | .001 | .001 |
| F | .0002 | .0005 | .001 |
| G | .001 | .001 | .005 |
| H | .0005 | .0005 | .001 |
| J | .0002 | .002-.005 | .001 |
| K | .0005 | .002-.005 | .001 |
| L | .001 | .002-.005 | .001 |
| M | .002-.005 | .002-.005 | .005 |
| U | .005-.012 | .005-.010 | .005 |
| N | .002-.010 | .002-.004 | .001 |

# Plaquitas para torneado en general

## 4 Tipo de plaquita

| | | | |
|---|---|---|---|
| A | | Q | |
| G | | R | |
| M | | T | |
| N | | W | |
| P | | X | Diseño especial |

## 5 Tamaño de plaquita

**Círculo inscrito, pulgadas**

El círculo inscrito se indica en 1/8".

**Longitud de filo, métrico**

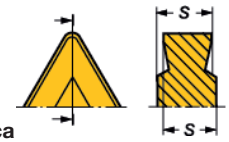
| *iC* mm | *iC* pulgadas | C | D | R | S | T | V | W | K |
|---|---|---|---|---|---|---|---|---|---|
| 3.18 | 1/8" | | | | | 05 | | | |
| 3.97 | 5/32" | | | | | 06 | | | |
| 5.0 | | | | 05 | | | | | |
| 9.525 | 3/8" | | | | | 09 | | | |
| 6.0 | | | 06 | | | | | | |
| 6.35 | 1/4" | 06 | 07 | | | 11 | 11 | | |
| 8.0 | | | | 08 | | | | | |
| 9.525 | 3/8" | 09 | 11 | 09 | 09 | 16 | 16 | 06 | 16*) |
| 10.0 | | | | 10 | | | | | |
| 12.0 | | | | 12 | | | | | |
| 12.7 | 1/2" | 12 | 15 | 12 | 12 | 22 | 22 | 08 | |
| 15.875 | 5/8" | 16 | | 15 | 15 | 27 | | | |
| 16.0 | | | | 16 | | | | | |
| 19.05 | 3/4" | 19 | | 19 | 19 | 33 | | | |
| 20.0 | | | | 20 | | | | | |
| 25.0 | | | | 25[1] | | | | | |
| 25.4 | 1" | 25 | | 25[2] | 25 | | | | |
| 31.75 | 1/4" | | | 31 | | | | | |
| 32 | | | | 32 | | | | | |

*) Para la forma de plaquita K (KNMX, KNUX) sólo se indica la longitud teórica de la arista de corte.

1) Diseño métrico

2) Diseño en pulgadas

## 6 Espesor de plaquita, *s* mm, pulgadas




| Métrica | | | Pulgadas | | |
|---|---|---|---|---|---|
| 01 | s = | 1.59 | 1. | s = | .0625 |
| T1 | s = | 1.98 | (1.2) | s = | .075 |
| 02 | s = | 2.38 | (1.5) | s = | 3/32 |
| 03 | s = | 3.18 | 2 | s = | 1/8 |
| T3 | s = | 3.97 | (2.5) | s = | 5/32 |
| 04 | s = | 4.76 | 3 | s = | 3/16 |
| 05 | s = | 5.56 | 4 | s = | 1/4 |
| 06 | s = | 6.35 | 5 | s = | 5/16 |
| 07 | s = | 7.94 | 6 | s = | 3/8 |
| 09 | s = | 9.52 | 6.3 | s = | .394 |
| 10 | s = | 10.00 | 7.6 | s = | .475 |
| 12 | s = | 12.00 | | | |

## 7 Radio de punta, $r_\varepsilon$ mm, pulgadas

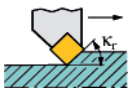
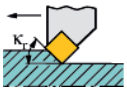
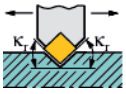
| Métrico: | Pulgada: | Dimensiones reales: |
|---|---|---|
| 00 = 0 | 00 | Redondas |
| 01 = 0.1 | 03 | .004 |
| 02 = 0.2 | 0 | .008 |
| 04 = 0.4 | 1 = 1/64 | .0156 |
| 05 = 0.5 | | |
| 08 = 0.8 | 2 = 1/32 | .0312 |
| 10 = 1.0 | | |
| 12 = 1.2 | 3 = 3/64 | .047 |
| 15 = 1.5 | | |
| 16 = 1.6 | 4 = 1/16 | .0625 |
| 24 = 2.4 | 6 = 3/32 | .094 |
| 32 = 3.2 | 8 = 1/8 | .125 |

Nota: véase el ejemplo de aproximación para un radio de punta métrico. 16=1.6 mm=.063≈.0625

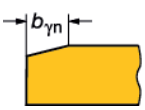
## 8 Estado del filo

| | | |
|---|---|---|
| F | | Filo de corte agudizado |
| A | | Filo con tratamiento ER (ANSI) |
| E | | Arista de corte tratada ER |
| T | | Faceta negativa |
| K | | Facetas negativa dobles |
| S | | Faceta negativa y filo de corte con tratamiento ER |

## 9 Sentido de la herramienta

| | | | |
|---|---|---|---|
| R |  | Avance | |
| L | Avance |  | |
| N | Avance |  | Avance |

## 10 Anchura del chaflán métrica, pulgadas




**Métrico:**

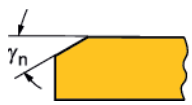
| | |
|---|---|
| 010 | $b_{\gamma n}$ = 0.10 |
| 025 | $b_{\gamma n}$ = 0.25 |
| 070 | $b_{\gamma n}$ = 0.70 |
| 150 | $b_{\gamma n}$ = 1.50 |
| 200 | $b_{\gamma n}$ = 2.00 |

**Pulgada:**

| | |
|---|---|
| 03 | byn = .003 |
| 08 | byn = .008 |
| 30 | byn = .030 |
| 60 | byn = .060 |
| 80 | byn = .080 |

Para obtener más información, consultar los códigos en la página A66

## 11 Ángulo de chaflán




15 $\gamma n = 15°$
20 $\gamma n = 20°$

## 12 Opción del fabricante

El código ISO está compuesto por nueve símbolos incluyendo 8 y 9 que se utilizan solamente cuando es necesario. Además, el fabricante puede añadir otros tres, p. ej.:

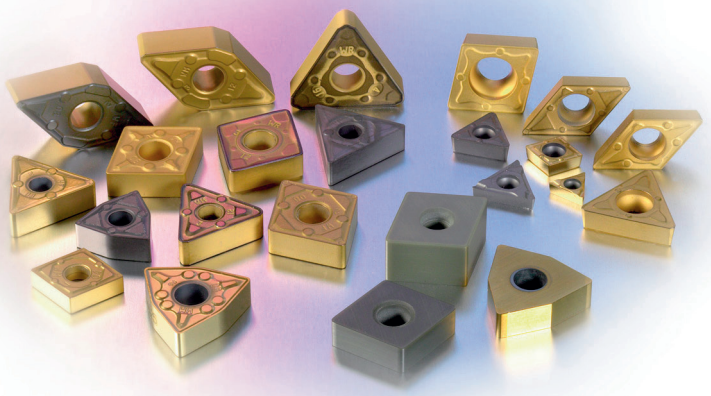
WF = Wiper – acabado
- WMX = Wiper, mecanizado medio
- PF = ISO P – acabado
PR = ISO P – desbaste

# Productividad del torneado

## Tecnología Wiper para un mecanizado a grandes avances

El incremento de la velocidad de avance con plaquitas Wiper es una de las formas más eficaces para mejorar la productividad del torneado.

El desarrollo de plaquitas Wiper se inició en Sandvik Coromant con las plaquitas de metal duro T-Max P hace varios años. Hoy en día la gama Wiper está disponible en tipos de plaquita positiva y negativa. Es posible utilizar cerámica y nitruro de boro cúbico para operaciones de mecanizado exterior e interior, y para tronzar y ranurar.



### Eliminación del rectificado

Las plaquitas Wiper consiguen un excelente acabado superficial y eliminan la mayor parte de operaciones de rectificado. Las Wiper también mejoran la calidad de la pieza y la redondez en comparación con el rectificado.

El avance es el factor más influyente en el tiempo necesario para realizar una operación de torneado. Si es posible duplicar el avance, el tiempo de corte se puede reducir a la mitad para producir casi el doble de piezas en el mismo tiempo.

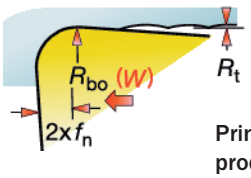
El diseño del radio del vértice de la plaquita Wiper permite incrementar el avance sin afectar al acabado superficial.

### Una nueva primera elección

-WMX es la primera elección en geometría Wiper para torneado con plaquitas negativas. Tiene una capacidad de arranque de metal y rotura de viruta superior a la de las Wiper existentes y mejora la acción de corte en una amplia área de aplicación.

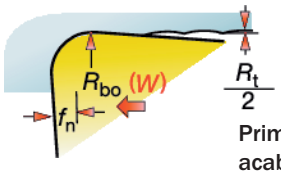
**La geometría -WMX incrementa el avance y la calidad superficial más allá de las actuales plaquitas Wiper. Es la primera elección en Wiper para un área de aplicación muy amplia, en la que ofrece máxima productividad y versatilidad. También hay disponibles alternativas Wiper productivas si cambian las condiciones.**

**Radio Wiper**
Dos veces el avance



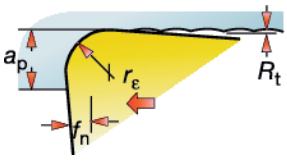

**Primera elección para productividad**

**Radio Wiper**
El mismo avance




**Primera elección para acabado superficial**

Radio del vértice estándar




### Razones para utilizar plaquitas Wiper

- Economía optimizada del mecanizado
- Excelente acabado superficial
- Elimina costosas operaciones de rectificado
- Una producción sin problemas
- Menor necesidad de supervisión
- Un inventario reducido

TECHNOLOGY Wiper

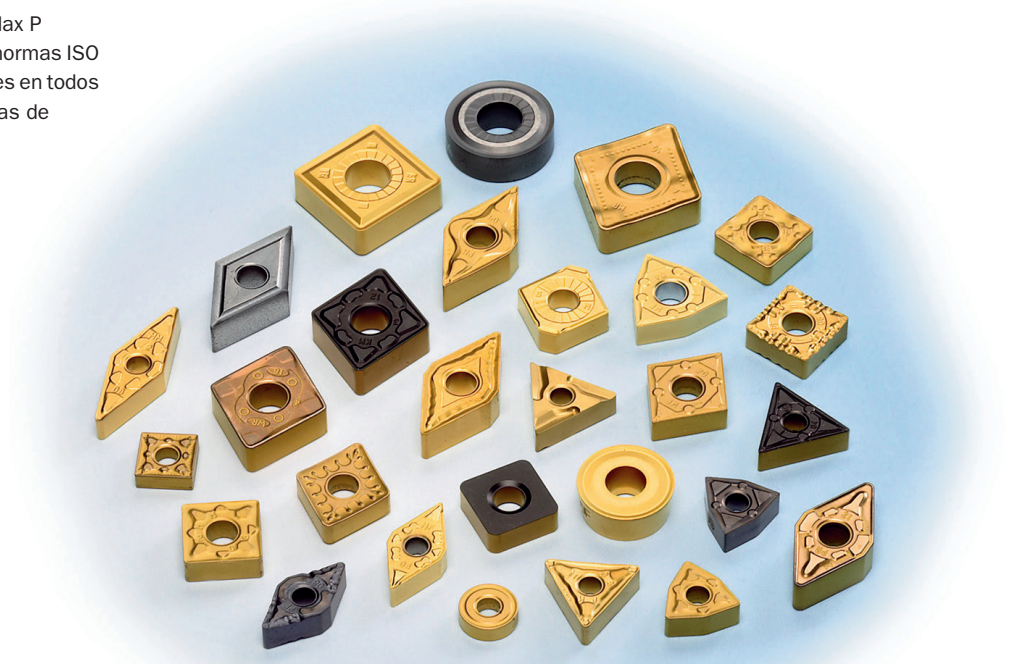
SANDVIK Coromant

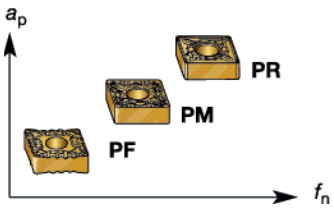
# T-Max P

## Plaquitas de forma básica negativas

**Para operaciones de torneado exterior e interior**

Las plaquitas T-Max P cumplen con las normas ISO y están disponibles en todos los tipos de formas de plaquita





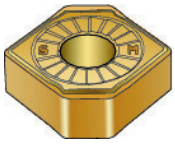

### Geometrías de plaquita

Especiales para:
- Avance y profundidad variables en el área de corte
- Diferentes materiales de pieza

### Calidades de la plaquita

Calidades modernas y productivas, con y sin recubrimiento, para todas las áreas de materiales ISO
- Metal duro cementado
- Cermet
- Cerámica
- Nitruro de boro cúbico

Disponibles en la gama de calidades para tornear acero: GC4205, GC4215, GC4225 y GC4235.



### Tecnología Wiper

Las impulsoras de la productividad de Sandvik Coromant.
- Doble avance - mismo acabado superficial
- Mismo avance - acabado superficial el doble de bueno

### Soluciones innovadoras, Xcel

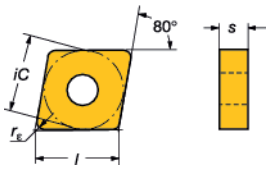
Una nuevo y esencial solución de herramienta para torneado escalonado especialmente en titanio y superaleaciones termorresistentes. Xcel combina una multitud de ventajas en diseño que, hasta ahora, no estaban disponibles en una única herramienta.

Áreas de aplicación ISO:

P M K N S H

# T-Max P

## Rómbica 80°




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | □ | iC | P | | | | | | | M | | | | | | K | | | | | N | S | | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | GC | CT | | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | - | GC | GC | GC | GC | - | - | GC | |
| | | | | | 1515 | 1525 | 4205 | 4215 | 4225 | 4235 | 5015 | | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | H13A | 1005 | 1105 | 1115 | 1125 | H10A | H13A | S05F | |
| Acabado | CNMG-WF | CNMG 09 03 04-WF | 09 | 3/8 | ☆ | | | ★ | | | | | | ★ | | | | | | | | | | | | | | | | | | CNMG 321-WF |
| | | CNMG 09 03 08-WF | | | ☆ | | ☆ | ★ | ☆ | | | | | ★ | | | | | | | | ★ | | | | | | | | | | CNMG 322-WF |
| | | CNMG 12 04 04-WF | 12 | 1/2 | ☆ | ☆ | | ★ | ☆ | | ☆ | | ☆ | ☆ | ★ | | | | ☆ | | | ★ | | | | | | | | | | CNMG 431-WF |
| | | CNMG 12 04 08-WF | | | ☆ | ☆ | ☆ | ★ | ☆ | | ☆ | | ☆ | ☆ | ★ | | | | ☆ | | | ★ | | | | | | | | | | CNMG 432-WF |
| | | CNMG 12 04 12-WF | | | ☆ | | ☆ | ★ | ☆ | | | | | ★ | | | | | | | | ★ | | | | | | | | | | CNMG 433-WF |
| | CNMG-WL | CNMG 12 04 04-WL | 12 | 1/2 | ☆ | ☆ | | ★ | ☆ | | | | | | | ☆ | | | | | | | | | | | | | | | | CNMG 431-WL |
| | | CNMG 12 04 08-WL | | | ☆ | ☆ | | ★ | ☆ | | | | | | | ☆ | | | | | | | | | | | | | | | | CNMG 432-WL |
| | CNMG-PF | CNMG 09 03 04-PF | 09 | 3/8 | ☆ | ☆ | | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | | | CNMG 321-PF |
| | | CNMG 09 03 08-PF | | | ☆ | ☆ | ☆ | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | | | CNMG 322-PF |
| | | CNMG 12 04 04-PF | 12 | 1/2 | ☆ | ☆ | | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | | | CNMG 431-PF |
| | | CNMG 12 04 08-PF | | | ☆ | ☆ | ☆ | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | | | CNMG 432-PF |
| | | CNMG 12 04 12-PF | | | ☆ | ☆ | ☆ | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | | | CNMG 433-PF |
| | CNMG-MF | CNMG 12 04 04-MF | 12 | 1/2 | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | ☆ | ☆ | ☆ | | | ☆ | CNMG 431-MF |
| | | CNMG 12 04 08-MF | | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | ☆ | ☆ | ☆ | | | ☆ | CNMG 432-MF |
| | | CNMG 12 04 12-MF | | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | ☆ | ☆ | ☆ | | | ☆ | CNMG 433-MF |
| | CNMG-KF | CNMG 12 04 04-KF | 12 | 1/2 | | | | | | | | | | | | | | | ☆ | | | ★ | | | | | | | | | | CNMG 431-KF |
| | | CNMG 12 04 08-KF | | | | | | | | | | | | | | | | | ☆ | | | ★ | | | | | | | | | | CNMG 432-KF |
| | | CNMG 12 04 12-KF | | | | | | | | | | | | | | | | | ☆ | | | ★ | | | | | | | | | | CNMG 433-KF |
| | CNMG-SF | CNMG 12 04 04-SF | 12 | 1/2 | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | ☆ | ☆ | CNMG 431-SF |
| | | CNMG 12 04 08-SF | | | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | ☆ | ☆ | CNMG 432-SF |
| | | CNMG 12 04 12-SF | | | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | | | ☆ | ☆ | CNMG 433-SF |
| | CNGG-SGF | CNGG 12 04 04-SGF | 12 | 1/2 | | | | | | | | | ☆ | ☆ | | | | | | | | | | | | ★ | ☆ | ☆ | | ☆ | ☆ | CNGG 431-SGF |
| | | CNGG 12 04 08-SGF | | | | | | | | | | | ☆ | ☆ | | | | | | | | | | | | ★ | ☆ | ☆ | | ☆ | ☆ | CNGG 432-SGF |
| | | CNGG 12 04 12-SGF | | | | | | | | | | | ☆ | | | | | | | | | | | | | ★ | ☆ | | | ☆ | ☆ | CNGG 433-SGF |
| | CNMG-LC | CNMG 12 04 04-LC | 12 | 1/2 | ☆ | ☆ | | ★ | ☆ | | | | | | | ☆ | | | | | | | | | | | | | | | | CNMG 431-LC |
| | | CNMG 12 04 08-LC | | | ☆ | ☆ | | ★ | ☆ | | | | | | | ☆ | | | | | | | | | | | | | | | | CNMG 432-LC |
| | | | | | P25 | P15 | P05 | P15 | P25 | P35 | P10 | | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | N15 | S15 | S15 | S15 | S25 | S10 | S15 | S05 | |

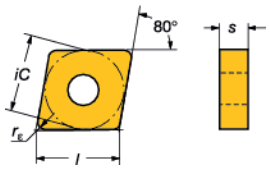
★= Primera elección

Para las dimensiones, ver clave de códigos en la página A16.

A90 A238 A331 I1 A426 A412 A434 A2

# T-Max P

## Rómbica 80°




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | □ | iC | P | | | | | | | M | | | | | | K | | | | | N | S | | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | GC | CT | | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | - | GC | GC | GC | GC | - | - | GC | |
| | | | | | 1515 | 1525 | 4205 | 4215 | 4225 | 4235 | 5015 | | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | H13A | 1005 | 1105 | 1115 | 1125 | H10A | H13A | S05F | |
| Acabado | CNMG-QF | CNMG 12 04 04-QF | 12 | 1/2 | | | | ☆ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | | | CNMG 431-QF |
| | | CNMG 12 04 08-QF | | | | | | ☆ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | | | CNMG 432-QF |
| | | CNMG 12 04 12-QF | | | | | | ☆ | | | ☆ | | | | | | | | | | | | | | | | | | | | | CNMG 433-QF |
| | CNGP | CNGP 12 04 01 | 12 | 1/2 | | | | | | | | | ☆ | | | | | | | | | | | | ☆ | ★ | ☆ | | | ☆ | | CNGP 43(0.3) |
| | | CNGP 12 04 02 | | | | | | | | | | | ☆ | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | CNGP 430 |
| | CNMG-MF* | CNMG 09 03 04-MF | 09 | 3/8 | | | | | | | ☆ | | | | | | ☆ | | | | | | | | | | | | | | | CNMG 321-MF |
| | | CNMG 09 03 08-MF | | | | | | | | | ☆ | | | | | | ☆ | | | | | | | | | | | | | | | CNMG 322-MF |
| | | CNMG 12 04 04-MF | 12 | 1/2 | | | | ☆ | ☆ | ☆ | ☆ | | | | | | ☆ | | | | | | | | | | | | | | | CNMG 431-MF |
| | | CNMG 12 04 08-MF | | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | ☆ | | | | | | | | | | | ☆ | | | | CNMG 432-MF |
| | | CNMG 12 04 12-MF | | | | | | ☆ | ☆ | ☆ | | | | | | | ☆ | | | | | | | | | | | ☆ | | | | CNMG 433-MF |
| | | CNMG 12 04 16-MF | | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | | | | CNMG 434-MF |
| | CNMG-WMX | CNMG 12 04 08-WMX | 12 | 1/2 | | | ☆ | ★ | ☆ | | | | | | ★ | | | | | ☆ | ☆ | ★ | | | | | | | | | | CNMG 432-WMX |
| | | CNMG 12 04 12-WMX | | | | | ☆ | ★ | ☆ | | | | | | ★ | | | | | ☆ | ☆ | ★ | | | | | | | | | | CNMG 433-WMX |
| | | CNMG 16 06 08-WMX | 16 | 5/8 | | | ☆ | ★ | ☆ | | | | | | ★ | | | | | ☆ | ☆ | ★ | | | | | | | | | | CNMG 542-WMX |
| | | CNMG 16 06 12-WMX | | | | | ☆ | ★ | ☆ | | | | | | ★ | | | | | ☆ | ☆ | ★ | | | | | | | | | | CNMG 543-WMX |
| | CNMG-WM | CNMG 12 04 08-WM | 12 | 1/2 | | ☆ | ☆ | ★ | ☆ | ☆ | | | | | ★ | | | | ☆ | | ☆ | ★ | | | | | | | | | | CNMG 432-WM |
| | | CNMG 12 04 12-WM | | | | ☆ | ☆ | ★ | ☆ | ☆ | | | | | ★ | | | | ☆ | | ☆ | ★ | | | | | | | | | | CNMG 433-WM |
| | | CNMG 16 06 08-WM | 16 | 5/8 | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | CNMG 542-WM |
| | | CNMG 16 06 12-WM | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | CNMG 543-WM |
| Medio | CNMG-PM | CNMG 09 03 04-PM | 09 | 3/8 | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | CNMG 321-PM |
| | | CNMG 09 03 08-PM | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | CNMG 322-PM |
| | | CNMG 12 04 04-PM | 12 | 1/2 | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | CNMG 431-PM |
| | | CNMG 12 04 08-PM | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | CNMG 432-PM |
| | | CNMG 12 04 12-PM | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | CNMG 433-PM |
| | | CNMG 12 04 16-PM | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | CNMG 434-PM |
| | | CNMG 16 06 08-PM | 16 | 5/8 | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | CNMG 542-PM |
| | | CNMG 16 06 12-PM | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | CNMG 543-PM |
| | | CNMG 16 06 16-PM | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | CNMG 544-PM |
| | | CNMG 19 06 08-PM | 19 | 3/4 | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | CNMG 642-PM |
| | | CNMG 19 06 12-PM | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | CNMG 643-PM |
| | | CNMG 19 06 16-PM | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | CNMG 644-PM |
| | CNMG-MM | CNMG 12 04 08-MM | 12 | 1/2 | | | | | | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | ☆ | ☆ | | | | | | ☆ | | CNMG 432-MM |
| | | CNMG 12 04 12-MM | | | | | | | | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | CNMG 433-MM |
| | | CNMG 12 04 16-MM | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | CNMG 434-MM |
| | | | | | P25 | P15 | P05 | P15 | P25 | P35 | P10 | | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | N15 | S15 | S15 | S15 | S25 | S10 | S15 | S05 | |

Para las dimensiones, ver clave de códigos en la página A16.

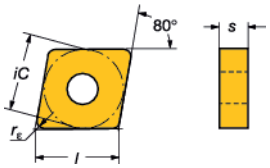
★= Primera elección

* Geometría específica para acabado de materiales pastosos.

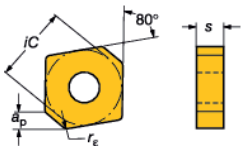
A90 A238 A331 I1 A426 A412 A434 A2

# T-Max P

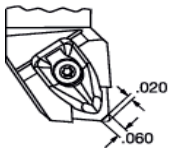
**Rómbica 80°**




**CNMX - SM**




Todos los portaplaquitas CoroTurn RC y T-Max P con diseño de




Placas de apoyo
5322 234-07 para portaplaquitas T-Max P diseño de palanca
5322 234-08 para portaherramientas CoroTurn RC

| | | ISO | ⬚ | iC | P | | | | | | | M | | | | | | K | | | | | N | | S | | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | GC | CT | | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | - | GC | GC | GC | GC | - | - | GC | | |
| | | | | | 1515 | 1525 | 4205 | 4215 | 4225 | 4235 | 5015 | | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | H13A | 1005 | 1105 | 1115 | 1125 | H10A | H13A | S05F | | |
| Medio | CNMG-MM | CNMG 16 06 08-MM | 16 | 5/8 | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | CNMG 542-MM |
| | | CNMG 16 06 12-MM | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | CNMG 543-MM |
| | | CNMG 16 06 16-MM | | | | | | | | | | | | | | ★ | ☆ | | | | | | | | | | | | | | | | CNMG 544-MM |
| | | CNMG 19 06 08-MM | 19 | 3/4 | | | | | | | | | | | | ★ | ☆ | | | | | | | | | | | | | | | | CNMG 642-MM |
| | | CNMG 19 06 12-MM | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | CNMG 643-MM |
| | | CNMG 19 06 16-MM | | | | | | | | | | | | | | ★ | ☆ | | | | | | | | | | | | | | | | CNMG 644-MM |
| | CNMG-KM | CNMG 12 04 08-KM | 12 | 1/2 | | | | | | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | CNMG 432-KM |
| | | CNMG 12 04 12-KM | | | | | | | | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | CNMG 433-KM |
| | | CNMG 12 04 16-KM | | | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | CNMG 434-KM |
| | | CNMG 16 06 08-KM | 16 | 5/8 | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | CNMG 542-KM |
| | | CNMG 16 06 12-KM | | | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | CNMG 543-KM |
| | | CNMG 16 06 16-KM | | | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | CNMG 544-KM |
| | | CNMG 19 06 12-KM | 19 | 3/4 | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | CNMG 643-KM |
| | | CNMG 19 06 16-KM | | | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | CNMG 644-KM |
| | CNMG-SM | CNMG 12 04 04-SM | 12 | 1/2 | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | ☆ | ☆ | | | CNMG 431-SM |
| | | CNMG 12 04 08-SM | | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | ☆ | ☆ | | | CNMG 432-SM |
| | | CNMG 12 04 12-SM | | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | ☆ | ☆ | | | CNMG 433-SM |
| | CNMG-SMR | CNMG 12 04 08-SMR | 12 | 1/2 | | | | | | | | | | | | ☆ | | | | | | | | | ★ | ☆ | ☆ | | ☆ | ☆ | | | CNMG 432-SMR |
| | | CNMG 12 04 12-SMR | | | | | | | | | | | | | | ☆ | | | | | | | | | ★ | ☆ | ☆ | | ☆ | ☆ | | | CNMG 433-SMR |
| | | CNMG 12 04 16-SMR | | | | | | | | | | | | | | ☆ | | | | | | | | | ★ | ☆ | ☆ | | ☆ | ☆ | | | CNMG 434-SMR |
| | CNMG-QM | CNMG 09 03 04-QM | 09 | 3/8 | | | | ☆ | ☆ | | | | | | | | | ☆ | | | | | | | | | | | | | | | CNMG 321-QM |
| | | CNMG 09 03 08-QM | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | | ☆ | | | | | | | | | | | | | | | CNMG 322-QM |
| | | CNMG 09 03 12-QM | | | | | | | | | | | | | | | | ☆ | | | | | | | | | | | | | | | CNMG 323-QM |
| | | CNMG 12 04 04-QM | 12 | 1/2 | | | | ☆ | ☆ | ☆ | ☆ | | ☆ | | | ☆ | | ☆ | | | | | ☆ | | | ☆ | ☆ | | | ☆ | | | CNMG 431-QM |
| | | CNMG 12 04 08-QM | | | | | ☆ | ☆ | ☆ | ☆ | ☆ | | ☆ | | ☆ | ☆ | | ☆ | | | | | ☆ | | | ☆ | ☆ | | | ☆ | ☆ | | CNMG 432-QM |
| | | CNMG 12 04 12-QM | | | | | ☆ | ☆ | ☆ | ☆ | | | ☆ | | ☆ | ☆ | | ☆ | | | | | ☆ | | | ☆ | ☆ | | | ☆ | ☆ | | CNMG 433-QM |
| | | CNMG 12 04 16-QM | | | | | ☆ | ☆ | ☆ | | | | ☆ | | | | | ☆ | | | | | ☆ | | | ☆ | ☆ | | | ☆ | | | CNMG 434-QM |
| | | CNMG 16 06 04-QM | 16 | 5/8 | | | | ☆ | ☆ | | | | | | | | | ☆ | | | | | | | | | | | | | | | CNMG 541-QM |
| | | CNMG 16 06 08-QM | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | | ☆ | | | | | ☆ | | | | | | | ☆ | | | CNMG 542-QM |
| | | CNMG 16 06 12-QM | | | | | ☆ | ☆ | ☆ | ☆ | | | ☆ | | | ☆ | | ☆ | | | | | ☆ | | | ☆ | ☆ | | | ☆ | | | CNMG 543-QM |
| | | CNMG 16 06 16-QM | | | | | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | | | | | | CNMG 544-QM |
| | | CNMG 19 06 04-QM | 19 | 3/4 | | | | ☆ | ☆ | | | | | | | | | ☆ | | | | | | | | | | | | | | | CNMG 641-QM |
| | | CNMG 19 06 08-QM | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | | ☆ | | | | | | | | | | | | | | | CNMG 642-QM |
| | | CNMG 19 06 12-QM | | | | | ☆ | ☆ | ☆ | ☆ | | | ☆ | | | ☆ | | ☆ | | | | | ☆ | | | ☆ | ☆ | | | ☆ | | | CNMG 643-QM |
| | | CNMG 19 06 16-QM | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | | ☆ | | | | | ☆ | | | | | | | ☆ | | | CNMG 644-QM |
| | CNMX-SM | CNMX 12 04 A1-SM | 12 | 1/2 | | | | | | | | | | | | | | | | | | | | | | ☆ | | | ☆ | ★ | | | CNMX 43A1-SM |
| | | CNMX 12 04 A2-SM | | | | | | | | | | | | | ☆ | | | | | | | | | | | ☆ | | | ☆ | ★ | | | CNMX 43A2-SM |
| | CNMG-SM | CNMG 12 04 04-SM | 12 | 1/2 | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | | | | CNMG 431-SM |
| | | CNMG 12 04 08-SM | | | | | | ☆ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | CNMG 432-SM |
| | | CNMG 12 04 12-SM | | | | | | ☆ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | CNMG 433-SM |
| | | CNMG 16 06 12-SM | 16 | 5/8 | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | | | | CNMG 543-SM |
| | | | | | P25 | P15 | P05 | P15 | P25 | P35 | P10 | | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | N15 | S15 | S15 | S15 | S25 | S10 | S15 | S05 | | |

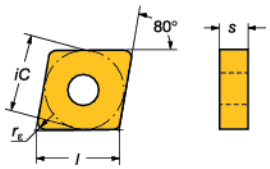
★= Primera elección

Para las dimensiones, ver clave de códigos en la página A16.
* Geometría complementaria para semidesbaste en acero.

A90 A238 A331 I1 A426 A412 A434 A2

# T-Max P

## Rómbica 80°




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | □ | iC | P | | | | | | | M | | | | | | | K | | | | | N | S | | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | GC | CT | | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | - | GC | GC | GC | GC | - | - | GC | | |
| | | | | | 1515 | 1525 | 4205 | 4215 | 4225 | 4235 | 5015 | | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | H13A | 1005 | 1105 | 1115 | 1125 | H10A | H13A | S05F | | |
| Medio | CNMG-HM | CNMG 16 06 12-HM | 16 | 5/8 | | | ☆ | ☆ | ★ | ☆ | | | | | | ★ | | | | | | | | | | | | | | | | | CNMG 543-HM |
| | | CNMG 16 06 16-HM | | | | | ☆ | ☆ | ★ | ☆ | | | | | | ★ | | | | | | | | | | | | | | | | | CNMG 544-HM |
| | | CNMG 19 06 12-HM | 19 | 3/4 | | | ☆ | ☆ | ★ | ☆ | | | | | | ★ | | | | | | | | | | | | | | | | | CNMG 643-HM |
| | | CNMG 19 06 16-HM | | | | | ☆ | ☆ | ★ | ☆ | | | | | | ★ | | | | | | | | | | | | | | | | | CNMG 644-HM |
| | | CNMG 19 06 24-HM | | | | | ☆ | ☆ | ★ | ☆ | | | | | | ★ | | | | | | | | | | | | | | | | | CNMG 646-HM |
| | CNMM-WR | CNMM 12 04 08-WR | 12 | 1/2 | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | CNMM 432-WR |
| | | CNMM 12 04 12-WR | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | CNMM 433-WR |
| | | CNMM 12 04 16-WR | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | CNMM 434-WR |
| | | CNMM 16 06 12-WR | 16 | 5/8 | | | ☆ | ★ | | | | | | | | | | | | | | | | | | | | | | | | | CNMM 543-WR |
| | | CNMM 16 06 16-WR | | | | | ☆ | | ★ | | | | | | | | | | | | | | | | | | | | | | | | CNMM 544-WR |
| | | CNMM 19 06 16-WR | 19 | 3/4 | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | CNMM 644-WR |
| | CNMG-PR | CNMG 12 04 08-PR | 12 | 1/2 | | | ☆ | ☆ | ★ | ☆ | | | | | ☆ | ☆ | | | | | | | | | | | | | | | | | CNMG 432-PR |
| | | CNMG 12 04 12-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | | ☆ | | | | | | | | | | | | | | | | | CNMG 433-PR |
| | | CNMG 12 04 16-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | | ☆ | | | | | | | | | | | | | | | | | CNMG 434-PR |
| | | CNMG 16 06 08-PR | 16 | 5/8 | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | CNMG 542-PR |
| | | CNMG 16 06 12-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | | ☆ | | | | | | | | | | | | | | | | | CNMG 543-PR |
| | | CNMG 16 06 16-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | | ☆ | | | | | | | | | | | | | | | | | CNMG 544-PR |
| | | CNMG 16 06 24-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | CNMG 546-PR |
| | | CNMG 19 06 08-PR | 19 | 3/4 | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | CNMG 642-PR |
| | | CNMG 19 06 12-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | | ☆ | | | | | | | | | | | | | | | | | CNMG 643-PR |
| | | CNMG 19 06 16-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | | ☆ | | | | | | | | | | | | | | | | | CNMG 644-PR |
| | | CNMG 19 06 24-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | CNMG 646-PR |
| | | CNMG 25 09 24-PR | 25 | 1 | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | CNMG 866-PR |
| Desbaste | CNMM-PR | CNMM 12 04 08-PR | 12 | 1/2 | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | CNMM 432-PR |
| | | CNMM 12 04 12-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | CNMM 433-PR |
| | | CNMM 12 04 16-PR | | | | | ☆ | ☆ | ★ | | | | | | | | | | | | | | | | | | | | | | | | CNMM 434-PR |
| | | CNMM 16 06 08-PR | 16 | 5/8 | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | CNMM 542-PR |
| | | CNMM 16 06 12-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | CNMM 543-PR |
| | | CNMM 16 06 16-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | CNMM 544-PR |
| | | CNMM 19 06 12-PR | 19 | 3/4 | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | CNMM 643-PR |
| | | CNMM 19 06 16-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | CNMM 644-PR |
| | | CNMM 19 06 24-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | CNMM 646-PR |
| | CNMG-MR | CNMG 12 04 08-MR | 12 | 1/2 | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | CNMG 432-MR |
| | | CNMG 12 04 12-MR | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | CNMG 433-MR |
| | | CNMG 12 04 16-MR | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | CNMG 434-MR |
| | | CNMG 16 06 12-MR | 16 | 5/8 | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | CNMG 543-MR |
| | | CNMG 16 06 16-MR | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | CNMG 544-MR |
| | | CNMG 19 06 12-MR | 19 | 3/4 | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | CNMG 643-MR |
| | | CNMG 19 06 16-MR | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | CNMG 644-MR |
| | | CNMG 19 06 24-MR | | | | | | | | | | | | | | ★ | ☆ | | | | | | | | | | | | | | | | CNMG 646-MR |
| | CNMM-MR | CNMM 12 04 08-MR | 12 | 1/2 | | | ☆ | | ☆ | | | | | | | ★ | ☆ | | | | | | | | | | | | | | | | CNMM 432-MR |
| | | CNMM 12 04 12-MR | | | | | ☆ | ☆ | ☆ | | | | | | | ★ | | | | | | | | | | | | | | | | | CNMM 433-MR |
| | | CNMM 12 04 16-MR | | | | | ☆ | | | ☆ | | | | | | ★ | | | | | | | | | | | | | | | | | CNMM 434-MR |
| | | CNMM 16 06 12-MR | 16 | 5/8 | | | ☆ | ☆ | ☆ | | | | | | | ★ | | | | | | | | | | | | | | | | | CNMM 543-MR |
| | | CNMM 16 06 16-MR | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | ★ | | | | | | | | | | | | | | | | | CNMM 544-MR |
| | | CNMM 16 06 24-MR | | | | | | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | CNMM 546-MR |
| | | CNMM 19 06 12-MR | 19 | 3/4 | | | ☆ | | ☆ | | | | | | | ★ | | | | | | | | | | | | | | | | | CNMM 643-MR |
| | | CNMM 19 06 16-MR | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | ★ | ☆ | | | | | | | | | | | | | | | | CNMM 644-MR |
| | | CNMM 19 06 24-MR | | | | | ☆ | ☆ | ☆ | | | | | | | ★ | | | | | | | | | | | | | | | | | CNMM 646-MR |
| | | CNMM 25 09 24-MR | 25 | 1 | | | | | ☆ | ☆ | | | | | | ★ | | | | | | | | | | | | | | | | | CNMM 866-MR |
| | | CNMM 25 09 32-MR | | | | | | | | | | | | | | ★ | | | | | | | | | | | | | | | | | CNMM 868-MR |
| | | | | | P25 | P15 | P05 | P15 | P25 | P35 | P10 | | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | N15 | S15 | S15 | S15 | S25 | S10 | S15 | S05 | | |

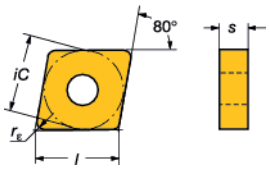
★= Primera elección

Para las dimensiones, ver clave de códigos en la página A16.

A90 A238 A331 I1 A426 A412 A434 A2

# T-Max P

## Rómbica 80°




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | □ | iC | P | | | | | | | M | | | | | | | K | | | | | | N | S | | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | GC | CT | | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | - | | GC | GC | GC | GC | - | - | GC | | |
| | | | | | 1515 | 1525 | 4205 | 4215 | 4225 | 4235 | 5015 | | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | H13A | | 1005 | 1105 | 1115 | 1125 | H10A | H13A | S05F | | |
| | CNMG-KR | CNMG 12 04 08-KR | 12 | 1/2 | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | CNMG 432-KR |
| | | CNMG 12 04 12-KR | | | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | CNMG 433-KR |
| | | CNMG 12 04 16-KR | | | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | CNMG 434-KR |
| | | CNMG 16 06 12-KR | 16 | 5/8 | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | CNMG 543-KR |
| | | CNMG 16 06 16-KR | | | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | CNMG 544-KR |
| | | CNMG 19 06 12-KR | 19 | 3/4 | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | CNMG 643-KR |
| | | CNMG 19 06 16-KR | | | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | CNMG 644-KR |
| | CNMA-KR | CNMA 12 04 04-KR | 12 | 1/2 | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | | | | | | | | | | | CNMA 431-KR |
| | | CNMA 12 04 08-KR | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | | | | | | | | | | | CNMA 432-KR |
| | | CNMA 12 04 12-KR | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | | | | | | | | | | | CNMA 433-KR |
| | | CNMA 12 04 16-KR | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | | | | | | | | | | | CNMA 434-KR |
| | | CNMA 16 06 12-KR | 16 | 5/8 | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | | | | | | | | | | | CNMA 543-KR |
| | | CNMA 16 06 16-KR | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | | | | | | | | | | | CNMA 544-KR |
| | | CNMA 19 06 08-KR | 19 | 3/4 | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | | | | | | | | | | | CNMA 642-KR |
| | | CNMA 19 06 12-KR | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | | | | | | | | | | | CNMA 643-KR |
| | | CNMA 19 06 16-KR | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | | | | | | | | | | | CNMA 644-KR |
| | | CNMA 19 06 24-KR | | | | | | | | | | | | | | | | | | | | ★ | | | | | | | | | | | | CNMA 646-KR |
| | CNMG-SM | CNMG 16 06 12-SM | 16 | 5/8 | | | | | | | | | | | | ☆ | | | | | | | | | | ★ | ☆ | ☆ | | ☆ | ☆ | | | CNMG 543-SM |
| | | CNMG 16 06 16-SM | | | | | | | | | | | | | | ☆ | | | | | | | | | | ★ | ☆ | ☆ | | ☆ | ☆ | | | CNMG 544-SM |
| | | CNMG 19 06 16-SM | 19 | 3/4 | | | | | | | | | | | | ☆ | | | | | | | | | | ★ | ☆ | ☆ | | ☆ | ☆ | | | CNMG 644-SM |
| | CNMG-SMR | CNMG 16 06 16-SMR | 16 | 5/8 | | | | | | | | | | | | ☆ | | | | | | | | | | ★ | ☆ | ☆ | | ☆ | | | | CNMG 544-SMR |
| | | CNMG 19 06 16-SMR | 19 | 3/4 | | | | | | | | | | | | ☆ | | | | | | | | | | ★ | ☆ | ☆ | | ☆ | | | | CNMG 644-SMR |
| Desbaste | CNMM-QR | CNMM 12 04 08-QR | 12 | 1/2 | | | | ☆ | ☆ | ☆ | | | | | | | | ☆ | | | | | | | | | | | | | | | | CNMM 432-QR |
| | | CNMM 12 04 12-QR | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | ☆ | | ☆ | | | | | | | | | | | | | | | | CNMM 433-QR |
| | | CNMM 12 04 16-QR | | | | | | ☆ | ☆ | | | | | | | | | ☆ | | | | | | | | | | | | | | | | CNMM 434-QR |
| | | CNMM 16 06 08-QR | 16 | 5/8 | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | CNMM 542-QR |
| | | CNMM 16 06 12-QR | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | | ☆ | | | | | | | | | | | | | | | | CNMM 543-QR |
| | | CNMM 16 06 16-QR | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | | ☆ | | | | | | | | | | | | | | | | CNMM 544-QR |
| | | CNMM 16 06 24-QR | | | | | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | CNMM 546-QR |
| | | CNMM 19 06 08-QR | 19 | 3/4 | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | CNMM 642-QR |
| | | CNMM 19 06 12-QR | | | | | | ☆ | ☆ | ☆ | | | | | | | | ☆ | | | | | | | | | | | | | | | | CNMM 643-QR |
| | | CNMM 19 06 16-QR | | | | | | ☆ | ☆ | ☆ | | | | | | | | ☆ | | | | | | | | | | | | | | | | CNMM 644-QR |
| | | CNMM 19 06 24-QR | | | | | | ☆ | ☆ | ☆ | | | | | | | | ☆ | | | | | | | | | | | | | | | | CNMM 646-QR |
| | | CNMM 25 09 24-QR | 25 | 1 | | | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | CNMM 866-QR |
| | CNMM-HR | CNMM 19 06 16-HR | 19 | 3/4 | | | | ☆ | ☆ | ☆ | | | | | | | | ☆ | | | | | | | | | | | | | | | | CNMM 644-HR |
| | | CNMM 19 06 24-HR | | | | | | ☆ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | CNMM 646-HR |
| | | CNMM 25 09 24-HR | 25 | 1 | | | | ☆ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | CNMM 866-HR |
| | | CNMM 25 09 32-HR | | | | | | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | CNMM 868-HR |
| | CNMG-MR* | CNMG 12 04 08-MR | 12 | 1/2 | | | ☆ | ☆ | ☆ | ☆ | | | | | | | | ☆ | | | | | | | | | | | | | | | | CNMG 432-MR |
| | | CNMG 12 04 12-MR | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | | ☆ | | | | | | | | | | | | | | | | CNMG 433-MR |
| | | CNMG 12 04 16-MR | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | CNMG 434-MR |
| | | CNMG 16 06 08-MR | 16 | 5/8 | | | ☆ | ☆ | ☆ | | | | | | | | | ☆ | | | | | | | | | | | | | | | | CNMG 542-MR |
| | | CNMG 16 06 12-MR | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | | ☆ | | | | | | | | | | | | | | | | CNMG 543-MR |
| | | CNMG 16 06 16-MR | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | CNMG 544-MR |
| | | CNMG 19 06 08-MR | 19 | 3/4 | | | | ☆ | ☆ | | | | | | | | | ☆ | | | | | | | | | | | | | | | | CNMG 642-MR |
| | | CNMG 19 06 12-MR | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | | ☆ | | | | | | | | | | | | | | | | CNMG 643-MR |
| | | CNMG 19 06 16-MR | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | | ☆ | | | | | | | | | | | | | | | | CNMG 644-MR |
| | | | | | P25 | P15 | P05 | P15 | P25 | P35 | P10 | | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | N15 | | S15 | S15 | S15 | S25 | S10 | S15 | S05 | | |

Para las dimensiones, ver clave de códigos en la página A16.

★= Primera elección

* Geometría específica para acero y desbaste de acero inoxidable.

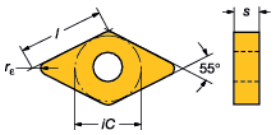
A90 A238 A331 I1 A426 A412 A434 A2



SANDVIK Coromant

# T-Max P

**Rómbica 55°**




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | | iC | P | | | | | | | M | | | | | | K | | | | S | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | GC | CT | | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | GC | GC | GC | - | - | GC | |
| | | | | | 1515 | 1525 | 4205 | 4215 | 4225 | 4235 | 5015 | | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | 1105 | 1115 | 1125 | H10A | H13A | S05F | |
| Acabado | DNMX-WF | DNMX 11 04 04-WF | 11 | 3/8 | ☆ | ☆ | | ★ | ☆ | | ☆ | | ☆ | ☆ | ★ | | | | | | | ★ | | | | | | | | DNMX 331-WF |
| | | DNMX 11 04 08-WF | | | ☆ | ☆ | ☆ | ★ | ☆ | | ☆ | | ☆ | ☆ | ★ | | | | ☆ | | | ★ | | | | | | | | DNMX 332-WF |
| | | DNMX 15 04 04-WF | 15 | 1/2 | | | | ★ | | | ☆ | | | | | | | | | | | | | | | | | | | DNMX 431-WF |
| | | DNMX 15 04 08-WF | | | ☆ | ☆ | ☆ | ★ | ☆ | | ☆ | | | ☆ | ★ | | | | | | | ★ | | | | | | | | DNMX 432-WF |
| | | DNMX 15 04 12-WF | | | | | ☆ | ★ | | | | | | | | | | | | | | ★ | | | | | | | | DNMX 433-WF |
| | | DNMX 15 06 04-WF | | | | | | ★ | | | ☆ | | | | | | | | | | | | | | | | | | | DNMX 441-WF |
| | | DNMX 15 06 08-WF | | | ☆ | ☆ | ☆ | ★ | ☆ | | ☆ | | | ☆ | ★ | | | | ☆ | | | ★ | | | | | | | | DNMX 442-WF |
| | | DNMX 15 06 12-WF | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | ★ | | | | | | | | DNMX 443-WF |
| | DNMG-PF | DNMG 11 04 04-PF | 11 | 3/8 | ☆ | ☆ | | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | DNMG 331-PF |
| | | DNMG 11 04 08-PF | | | ☆ | ☆ | ☆ | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | DNMG 332-PF |
| | | DNMG 11 04 12-PF | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | DNMG 333-PF |
| | | DNMG 15 04 04-PF | 15 | 1/2 | ☆ | ☆ | | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | DNMG 431-PF |
| | | DNMG 15 04 08-PF | | | ☆ | ☆ | ☆ | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | DNMG 432-PF |
| | | DNMG 15 04 12-PF | | | ☆ | ☆ | ☆ | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | DNMG 433-PF |
| | | DNMG 15 06 04-PF | | | ☆ | ☆ | | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | DNMG 441-PF |
| | | DNMG 15 06 08-PF | | | ☆ | ☆ | ☆ | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | DNMG 442-PF |
| | | DNMG 15 06 12-PF | | | ☆ | ☆ | ☆ | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | DNMG 443-PF |
| | DNMG-MF | DNMG 11 04 04-MF | 11 | 3/8 | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | ☆ | ☆ | ☆ | | | | DNMG 331-MF |
| | | DNMG 11 04 08-MF | | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | ☆ | ☆ | ☆ | | | | DNMG 332-MF |
| | | DNMG 15 04 04-MF | 15 | 1/2 | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | ☆ | ☆ | ☆ | | | ☆ | DNMG 431-MF |
| | | DNMG 15 04 08-MF | | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | ☆ | ☆ | ☆ | | | ☆ | DNMG 432-MF |
| | | DNMG 15 04 12-MF | | | | | | | | | | | ☆ | ☆ | ★ | | | | | | | | | ☆ | ☆ | ☆ | | | ☆ | DNMG 433-MF |
| | | DNMG 15 06 04-MF | | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | ☆ | ☆ | ☆ | | | ☆ | DNMG 441-MF |
| | | DNMG 15 06 08-MF | | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | ☆ | ☆ | ☆ | | | ☆ | DNMG 442-MF |
| | | DNMG 15 06 12-MF | | | | | | | | | | | ☆ | ☆ | ★ | | | | | | | | | ☆ | ☆ | ☆ | | | ☆ | DNMG 443-MF |
| | DNMG-KF | DNMG 11 04 04-KF | 11 | 3/8 | | | | | | | | | | | | | | | ☆ | | | ★ | | | | | | | | DNMG 331-KF |
| | | DNMG 11 04 08-KF | | | | | | | | | | | | | | | | | ☆ | | | ★ | | | | | | | | DNMG 332-KF |
| | | DNMG 15 04 04-KF | 15 | 1/2 | | | | | | | | | | | | | | | ☆ | | | ★ | | | | | | | | DNMG 431-KF |
| | | DNMG 15 04 08-KF | | | | | | | | | | | | | | | | | ☆ | | | ★ | | | | | | | | DNMG 432-KF |
| | | DNMG 15 06 04-KF | | | | | | | | | | | | | | | | | ☆ | | | ★ | | | | | | | | DNMG 441-KF |
| | | DNMG 15 06 08-KF | | | | | | | | | | | | | | | | | ☆ | | | ★ | | | | | | | | DNMG 442-KF |
| | | DNMG 15 06 12-KF | | | | | | | | | | | | | | | | | ★ | | | | | | | | | | | DNMG 443-KF |
| | DNMG-SF | DNMG 15 04 04-SF | 15 | 1/2 | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | ☆ | ☆ | DNMG 431-SF |
| | | DNMG 15 04 08-SF | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | ☆ | ☆ | DNMG 432-SF |
| | | DNMG 15 04 12-SF | | | | | | | | | | | | | | | | | | | | | | ★ | | | | ☆ | ☆ | DNMG 433-SF |
| | | DNMG 15 06 04-SF | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | ☆ | ☆ | DNMG 441-SF |
| | | DNMG 15 06 08-SF | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | ☆ | ☆ | DNMG 442-SF |
| | | DNMG 15 06 12-SF | | | | | | | | | | | | | | | | | | | | | | ★ | | | | ☆ | ☆ | DNMG 443-SF |
| | DNGG-SGF | DNGG 15 04 04-SGF | 15 | 1/2 | | | | | | | | | ☆ | ☆ | | | | | | | | | | ★ | ☆ | ☆ | | ☆ | ☆ | DNGG 431-SGF |
| | | DNGG 15 04 08-SGF | | | | | | | | | | | ☆ | ☆ | | | | | | | | | | ★ | ☆ | ☆ | | ☆ | ☆ | DNGG 432-SGF |
| | | DNGG 15 04 12-SGF | | | | | | | | | | | ☆ | | | | | | | | | | | ★ | ☆ | | | ☆ | ☆ | DNGG 433-SGF |
| | | DNGG 15 06 04-SGF | | | | | | | | | | | ☆ | ☆ | | | | | | | | | | ★ | ☆ | ☆ | | ☆ | ☆ | DNGG 441-SGF |
| | | DNGG 15 06 08-SGF | | | | | | | | | | | ☆ | ☆ | | | | | | | | | | ★ | ☆ | ☆ | | ☆ | ☆ | DNGG 442-SGF |
| | | DNGG 15 06 12-SGF | | | | | | | | | | | ☆ | | | | | | | | | | | ★ | ☆ | | | ☆ | ☆ | DNGG 443-SGF |
| | DNMG-LC | DNMG 11 04 04-LC | 11 | 3/8 | ☆ | ☆ | | ★ | ☆ | | | | | | | ☆ | | | | | | | | | | | | | | DNMG 331-LC |
| | | DNMG 11 04 08-LC | | | ☆ | ☆ | | ★ | ☆ | | | | | | | ☆ | | | | | | | | | | | | | | DNMG 332-LC |
| | | DNMG 15 04 04-LC | 15 | 1/2 | ☆ | ☆ | | ★ | ☆ | | | | | | | ☆ | | | | | | | | | | | | | | DNMG 431-LC |
| | | DNMG 15 04 08-LC | | | ☆ | ☆ | | ★ | ☆ | | | | | | | ☆ | | | | | | | | | | | | | | DNMG 432-LC |
| | | DNMG 15 06 04-LC | | | ☆ | | | ★ | ☆ | | | | | | | ★ | | | | | | | | | | | | | | DNMG 441-LC |
| | | DNMG 15 06 08-LC | | | ☆ | | | ★ | ☆ | | | | | | | ☆ | | | | | | | | | | | | | | DNMG 442-LC |
| | DNMG-QF | DNMG 11 04 04-QF | 11 | 3/8 | | | | | | | ☆ | | | | | | | | | | | | | | | | | | | DNMG 331-QF |
| | | DNMG 11 04 08-QF | | | | | | | | | ☆ | | | | | | | | | | | | | | | | | | | DNMG 332-QF |
| | | | | | P25 | P15 | P05 | P15 | P25 | P35 | P10 | | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | S15 | S15 | S25 | S10 | S15 | S05 | |

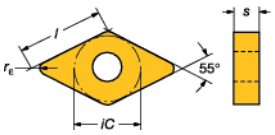
★= Primera elección

Para las dimensiones, ver clave de códigos en la página A16.

A90 A238 A331 I1 A426 A412 A434 A2

# T-Max P

## Rómbica 55°




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | l | iC | P | | | | | | | M | | | | | | | K | | | | | S | | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | GC | CT | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | GC | GC | GC | - | - | GC | | | |
| | | | | | 1515 | 1525 | 4205 | 4215 | 4225 | 4235 | 5015 | 1025 | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | 1105 | 1115 | 1125 | H10A | H13A | S05F | | | |
| Acabado | DNMG-K | DNMG 15 04 04L-K | 15 | 1/2 | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | | | DNMG 431L-K |
| | | DNMG 15 04 04R-K | | | | ☆ | | ☆ | ☆ | | | | | | | | ☆ | | | | | | | | | | | | | | | DNMG 431R-K |
| | | DNMG 15 04 08L-K | | | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | | | DNMG 432L-K |
| | | DNMG 15 04 08R-K | | | | ☆ | | ☆ | ☆ | | | | | | | | ☆ | | | | | | | | | | | | | | | DNMG 432R-K |
| | | DNMG 15 06 04L-K | | | | ☆ | | ☆ | ☆ | | | | | | | | ☆ | | | | | | | | | | | | | | | DNMG 441L-K |
| | | DNMG 15 06 04R-K | | | | ☆ | | ☆ | ☆ | | | | | | | | ☆ | | | | | | | | | | | | | | | DNMG 441R-K |
| | | DNMG 15 06 08L-K | | | | | | ☆ | ☆ | | | | | | | | ☆ | | | | | | | | | | | | | | | DNMG 442L-K |
| | | DNMG 15 06 08R-K | | | | ☆ | | ☆ | ☆ | | | | | | | | ☆ | | | | | | | | | | | | | | | DNMG 442R-K |
| | DNMG-MF* | DNMG 11 04 04-MF | 11 | 3/8 | | | | | ☆ | | ☆ | | | | | | | ☆ | | | | | | | | | | | | | | | DNMG 331-MF |
| | | DNMG 11 04 08-MF | | | | | | ☆ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | | | | DNMG 332-MF |
| | | DNMG 11 04 12-MF | | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | DNMG 333-MF |
| | | DNMG 15 04 04-MF | 15 | 1/2 | | | | ☆ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | | | | DNMG 431-MF |
| | | DNMG 15 04 08-MF | | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | DNMG 432-MF |
| | | DNMG 15 04 12-MF | | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | DNMG 433-MF |
| | | DNMG 15 04 16-MF | | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | DNMG 434-MF |
| | | DNMG 15 06 04-MF | | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | ☆ | | | | | | | | | | | | | | | DNMG 441-MF |
| | | DNMG 15 06 08-MF | | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | ☆ | | | | | | | | | | | | | | | DNMG 442-MF |
| | | DNMG 15 06 12-MF | | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | DNMG 443-MF |
| Medio | DNMX-WMX Wiper | DNMX 15 04 08-WMX | 15 | 1/2 | | | ☆ | ★ | ☆ | | | | | | ★ | | | | | ☆ | ☆ | ★ | | | | | | | | | | | DNMX 432-WMX |
| | | DNMX 15 04 12-WMX | | | | | ☆ | ★ | ☆ | | | | | | ★ | | | | | ☆ | ☆ | ★ | | | | | | | | | | | DNMX 433-WMX |
| | | DNMX 15 04 16-WMX | | | | | ☆ | ★ | ☆ | | | | | | ★ | | | | | ☆ | ☆ | ★ | | | | | | | | | | | DNMX 434-WMX |
| | | DNMX 15 06 08-WMX | | | | | ☆ | ★ | ☆ | | | | | | ★ | | | | | ☆ | ☆ | ★ | | | | | | | | | | | DNMX 442-WMX |
| | | DNMX 15 06 12-WMX | | | | | ☆ | ★ | ☆ | | | | | | ★ | | | | | ☆ | ☆ | ★ | | | | | | | | | | | DNMX 443-WMX |
| | | DNMX 15 06 16-WMX | | | | | ☆ | ★ | ☆ | | | | | | ★ | | | | | ☆ | ☆ | ★ | | | | | | | | | | | DNMX 444-WMX |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | DNMX-WM Wiper | DNMX 11 04 08-WM | 11 | 3/8 | | | ☆ | ★ | ☆ | | | | | | ★ | | | | | | | | | | | | | | | | | | DNMX 332-WM |
| | | DNMX 11 04 12-WM | | | | | ☆ | ★ | ☆ | ☆ | | | | | | | | | | | ☆ | | | | | | | | | | | | DNMX 333-WM |
| | | DNMX 15 04 08-WM | 15 | 1/2 | | | ☆ | ★ | ☆ | ☆ | | | | | | | | | | | | ★ | | | | | | | | | | | DNMX 432-WM |
| | | DNMX 15 04 12-WM | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | DNMX 433-WM |
| | | DNMX 15 04 16-WM | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | DNMX 434-WM |
| | | DNMX 15 06 08-WM | | | | ☆ | ☆ | ★ | ☆ | ☆ | | | | | ★ | | | | | | | ☆ | ★ | | | | | | | | | | DNMX 442-WM |
| | | DNMX 15 06 12-WM | | | | ☆ | ☆ | ★ | ☆ | | | | | | ★ | | | | | | | ☆ | | | | | | | | | | | DNMX 443-WM |
| | | DNMX 15 06 16-WM | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | ☆ | ★ | | | | | | | | | | DNMX 444-WM |
| | DNMG-PM | DNMG 11 04 04-PM | 11 | 3/8 | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | DNMG 331-PM |
| | | DNMG 11 04 08-PM | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | DNMG 332-PM |
| | | DNMG 11 04 12-PM | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | DNMG 333-PM |
| | | DNMG 15 04 04-PM | 15 | 1/2 | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | DNMG 431-PM |
| | | DNMG 15 04 08-PM | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | DNMG 432-PM |
| | | DNMG 15 04 12-PM | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | DNMG 433-PM |
| | | DNMG 15 06 04-PM | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | DNMG 441-PM |
| | | DNMG 15 06 08-PM | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | DNMG 442-PM |
| | | DNMG 15 06 12-PM | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | DNMG 443-PM |
| | | DNMG 15 06 16-PM | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | DNMG 444-PM |
| | DNMG-MM | DNMG 11 04 08-MM | 11 | 3/8 | | | | | | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | DNMG 332-MM |
| | | DNMG 11 04 12-MM | | | | | | | | | | | | | ☆ | ★ | | | | | | | | | | | | | | | | | DNMG 333-MM |
| | | DNMG 15 04 08-MM | 15 | 1/2 | | | | | | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | DNMG 432-MM |
| | | DNMG 15 04 12-MM | | | | | | | | | | | | | ☆ | ★ | | | | | | | | | | | | | | | | | DNMG 433-MM |
| | | DNMG 15 06 08-MM | | | | | | | | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | DNMG 442-MM |
| | | DNMG 15 06 12-MM | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | DNMG 443-MM |
| | | | | | P25 | P15 | P05 | P15 | P25 | P35 | P10 | | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | S15 | S15 | S25 | S10 | S15 | S05 | | | |

Para las dimensiones, ver clave de códigos en la página A16.

* Geometría específica para acabado de materiales pastosos.

1) R = A derecha, L = A izquierda

★= Primera elección

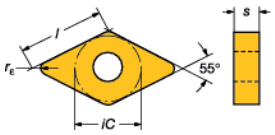
A90 A238 A331 I1 A426 A412 A434 A2



SANDVIK Coromant

# T-Max P

**Rómbica 55°**




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | | iC | P | | | | | | | M | | | | | | | K | | | | | S | | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | GC | CT | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | GC | GC | GC | - | - | GC | | | | |
| | | | | | 1515 | 1525 | 4205 | 4215 | 4225 | 4235 | 5015 | 1025 | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | 1105 | 1115 | 1125 | H10A | H13A | S05F | | | | |
| Medio | DNMG-KM | DNMG 11 04 08-KM | 11 | 3/8 | | | | | | | | | | | | | | | ☆ | | ★ | ☆ | | | | | | | | | | DNMG 332-KM |
| | | DNMG 11 04 12-KM | | | | | | | | | | | | | | | | | | | ★ | ☆ | | | | | | | | | | DNMG 333-KM |
| | | DNMG 15 04 08-KM | 15 | 1/2 | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | DNMG 432-KM |
| | | DNMG 15 04 12-KM | | | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | DNMG 433-KM |
| | | DNMG 15 06 08-KM | | | | | | | | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | DNMG 442-KM |
| | | DNMG 15 06 12-KM | | | | | | | | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | DNMG 443-KM |
| | DNMG-SM | DNMG 15 04 04-SM | 15 | 1/2 | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | ☆ | ☆ | | | DNMG 431-SM |
| | | DNMG 15 04 08-SM | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | ☆ | ☆ | | | DNMG 432-SM |
| | | DNMG 15 04 12-SM | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | ☆ | ☆ | | | DNMG 433-SM |
| | | DNMG 15 06 04-SM | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | ☆ | ☆ | | | DNMG 441-SM |
| | | DNMG 15 06 08-SM | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | ☆ | ☆ | | | DNMG 442-SM |
| | | DNMG 15 06 12-SM | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | ☆ | ☆ | | | DNMG 443-SM |
| | DNMG-SMR | DNMG 15 04 08-SMR | 15 | 1/2 | | | | | | | | | | | | ☆ | | | | | | | | ★ | ☆ | ☆ | | ☆ | ☆ | | | DNMG432-SMR |
| | | DNMG 15 04 12-SMR | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | ☆ | ☆ | | | DNMG 433-SMR |
| | | DNMG 15 06 08-SMR | | | | | | | | | | | | | | ☆ | | | | | | | | ★ | ☆ | ☆ | | ☆ | ☆ | | | DNMG442-SMR |
| | | DNMG 15 06 12-SMR | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | ☆ | ☆ | | | DNMG 443-SMR |
| | | DNMG 15 06 16-SMR | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | ☆ | ☆ | | | DNMG 444-SMR |
| | DNMG-QM | DNMG 11 04 04-QM | 11 | 3/8 | | | | | ☆ | | ☆ | | | | | | | ☆ | | | | | | | | | | | | | | DNMG 331-QM |
| | | DNMG 11 04 08-QM | | | | | | | ☆ | | | | ☆ | | | | | ☆ | | | | | | | ☆ | | | | | | | DNMG 332-QM |
| | | DNMG 11 04 12-QM | | | | | ☆ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | DNMG 333-QM |
| | | DNMG 15 04 04-QM | 15 | 1/2 | | | | | | ☆ | ☆ | | ☆ | | | | | ☆ | | | | ☆ | | ☆ | ☆ | | | ☆ | | | | DNMG 431-QM |
| | | DNMG 15 04 08-QM | | | | | ☆ | ☆ | ☆ | ☆ | ☆ | | ☆ | | | ☆ | | ☆ | | | | ☆ | | ☆ | ☆ | | ☆ | ☆ | ☆ | | | DNMG 432-QM |
| | | DNMG 15 04 12-QM | | | | | ☆ | ☆ | ☆ | | | | ☆ | | | | | | | | | ☆ | | ☆ | ☆ | | | ☆ | ☆ | | | DNMG 433-QM |
| | | DNMG 15 06 04-QM | | | | | | ☆ | ☆ | ☆ | ☆ | | ☆ | | | ☆ | | ☆ | | | | ☆ | | ☆ | ☆ | | | ☆ | | | | DNMG 441-QM |
| | | DNMG 15 06 08-QM | | | | | ☆ | ☆ | ☆ | ☆ | | | ☆ | | | ☆ | | ☆ | | | | ☆ | | ☆ | ☆ | | | ☆ | ☆ | | | DNMG 442-QM |
| | | DNMG 15 06 12-QM | | | | | ☆ | ☆ | ☆ | ☆ | | | ☆ | | | ☆ | | ☆ | | | | ☆ | | ☆ | ☆ | | | ☆ | ☆ | | | DNMG 443-QM |
| | | DNMG 15 06 16-QM | | | | | ☆ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | DNMG 444-QM |
| | DNMG-SM | DNMG 15 04 08-SM | 15 | 1/2 | | | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | DNMG 432-SM |
| | | DNMG 15 04 12-SM | | | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | | | DNMG 433-SM |
| | | DNMG 15 06 04-SM | | | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | | | DNMG 441-SM |
| | | DNMG 15 06 08-SM | | | | | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | DNMG 442-SM |
| | | DNMG 15 06 12-SM | | | | | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | DNMG 443-SM |
| Desbaste | DNMG-PR | DNMG 15 04 08-PR | 15 | 1/2 | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | DNMG 432-PR |
| | | DNMG 15 04 12-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | | ☆ | | | | | | | | | | | | | | | | DNMG 433-PR |
| | | DNMG 15 04 16-PR | | | | | ☆ | ☆ | ★ | | | | | | | | | | | | | | | | | | | | | | | DNMG 434-PR |
| | | DNMG 15 06 08-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | | ☆ | | | | | | | | | | | | | | | | DNMG 442-PR |
| | | DNMG 15 06 12-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | | ☆ | | | | | | | | | | | | | | | | DNMG 443-PR |
| | | DNMG 15 06 16-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | DNMG 444-PR |
| | DNMM-PR | DNMM 15 06 08-PR | 15 | 1/2 | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | DNMM 442-PR |
| | | DNMM 15 06 12-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | DNMM 443-PR |
| | | DNMM 15 06 16-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | DNMM 444-PR |
| | DNMG-MR | DNMG 15 04 08-MR | 15 | 1/2 | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | DNMG 432-MR |
| | | DNMG 15 04 12-MR | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | DNMG 433-MR |
| | | DNMG 15 04 16-MR | | | | | | | | | | | | | ☆ | | ★ | | | | | | | | | | | | | | | DNMG 434-MR |
| | | DNMG 15 06 08-MR | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | DNMG 442-MR |
| | | DNMG 15 06 12-MR | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | DNMG 443-MR |
| | | DNMG 15 06 16-MR | | | | | | | | | | | | | | ★ | | | | | | | | | | | | | | | | DNMG 444-MR |
| | | | | | P25 | P15 | P05 | P15 | P25 | P35 | P10 | | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | S15 | S15 | S25 | S10 | S15 | S05 | | | |

★= Primera elección

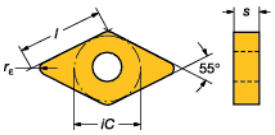
Para las dimensiones, ver clave de códigos en la página A16.

* Geometría complementaria para semidesbaste en acero.

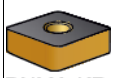
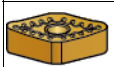
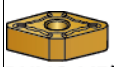
A90 A238 A331 I1 A426 A412 A434 A2

# T-Max P

**Rómbica 55°**




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | f1 | iC | P | | | | | | | M | | | | | | | K | | | | | S | | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | GC | CT | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | GC | GC | GC | - | - | GC | | |
| | | | | | 1515 | 1525 | 4205 | 4215 | 4225 | 4235 | 5015 | 1025 | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | 1105 | 1115 | 1125 | H10A | H13A | S05F | | | |
| | | | | | P25 | P15 | P05 | P15 | P25 | P35 | P10 | | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | S15 | S15 | S25 | S10 | S15 | S05 | | | |
| Desbaste | DNMM-MR | DNMM 15 06 08-MR | 15 | 1/2 | | | | | | | | | | | | ★ | | | | | | | | | | | | | | | | DNMM 442-MR |
| | | DNMM 15 06 12-MR | | | | | | | | | | | | | | ★ | | | | | | | | | | | | | | | | DNMM 443-MR |
| | | DNMM 15 06 16-MR | | | | | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | DNMM 444-MR |
| | DNMG-KR | DNMG 15 04 08-KR | 15 | 1/2 | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | DNMG 432-KR |
| | | DNMG 15 04 12-KR | | | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | DNMG 433-KR |
| | | DNMG 15 06 08-KR | | | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | DNMG 442-KR |
| | | DNMG 15 06 12-KR | | | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | DNMG 443-KR |
| | | DNMG 15 06 16-KR | | | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | DNMG 444-KR |
| |  DNMA-KR | DNMA 15 04 08-KR | 15 | 1/2 | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | | | | | | | | | DNMA 432-KR |
| | | DNMA 15 04 12-KR | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | | | | | | | | | DNMA 433-KR |
| | | DNMA 15 06 08-KR | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | | | | | | | | | DNMA 442-KR |
| | | DNMA 15 06 12-KR | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | | | | | | | | | DNMA 443-KR |
| | | DNMA 15 06 16-KR | | | | | | | | | | | | | | | | | | ★ | | ☆ | | | | | | | | | | DNMA 444-KR |
| |  DNMM-QR | DNMM 15 04 08-QR | 15 | 1/2 | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | | | DNMM 432-QR |
| | | DNMM 15 04 12-QR | | | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | | | DNMM 433-QR |
| | | DNMM 15 06 08-QR | | | | | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | DNMM 442-QR |
| | | DNMM 15 06 12-QR | | | | | | ☆ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | DNMM 443-QR |
| | | DNMM 15 06 16-QR | | | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | | | DNMM 444-QR |
| |  DNMG-MR* | DNMG 15 04 08-MR | 15 | 1/2 | | | ☆ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | DNMG 432-MR |
| | | DNMG 15 04 12-MR | | | | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | DNMG 433-MR |
| | | DNMG 15 06 08-MR | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | | ☆ | | | | | | | | | | | | | | DNMG 442-MR |
| | | DNMG 15 06 12-MR | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | DNMG 443-MR |
| | | DNMG 15 06 16-MR | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | DNMG 444-MR |

★= Primera elección

Para las dimensiones, ver clave de códigos en la página A16.

* Geometría específica para acabado de materiales pastosos.

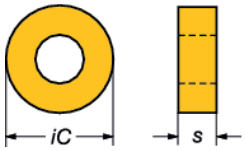
A90 A238 A331 I1 A426 A412 A434 A2



SANDVIK Coromant

# T-Max P

## Redondas

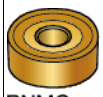



Para áreas de aplicación ISO, ver final de la tabla.

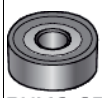
### Versión métrica

| | | iO | ISO | P | | | | M | K | | | N | S | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | GC | GC | GC | GC | GC | GC | GC | - | - | - | GC | |
| | | | | 4205 | 4215 | 4225 | 4235 | 235 | 3210 | 3215 | H13A | H13A | H13A | S05F | |
| Medio | RCMX | 10 | RCMX 10 03 00E | | | | | | | | | | | ☆ | RCMX 10 03 00E |
| | | 12 | RCMX 12 04 00E | | | | | ☆ | | | | | | ☆ | RCMX 12 04 00E |
| | | 10 | RCMX 10 03 00 | ☆ | ☆ | ☆ | ☆ | ☆ | | | ☆ | ☆ | ☆ | | RCMX 10 03 00 |
| | | 12 | RCMX 12 04 00 | ☆ | ☆ | ☆ | ☆ | | | | ☆ | ☆ | ☆ | | RCMX 12 04 00 |
| | | 16 | RCMX 16 06 00 | ☆ | ☆ | ☆ | ☆ | | | | ☆ | ☆ | ☆ | | RCMX 16 06 00 |
| | | 20 | RCMX 20 06 00 | ☆ | ☆ | ☆ | ☆ | | | | ☆ | ☆ | ☆ | | RCMX 20 06 00 |
| | | 25 | RCMX 25 07 00 | ☆ | ☆ | ☆ | ☆ | | | | ☆ | ☆ | ☆ | | RCMX 25 07 00 |
| | | 32 | RCMX 32 09 00 | ☆ | ☆ | ☆ | ☆ | | | | | | | | RCMX 32 09 00 |
| | | | | P05 | P15 | P25 | P35 | M35 | K10 | K15 | K20 | N15 | S15 | S05 | |

### Versión en pulgadas

| | | iC | ANSI | P | | | | M | K | | | N | S | | ISO |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | GC | GC | GC | GC | GC | GC | GC | - | - | - | GC | |
| | | | | 4205 | 4215 | 4225 | 4235 | 235 | 3210 | 3215 | H13A | H13A | H13A | S05F | |
| Medio |  RNMG | 3/8 | RNMG 32 | | | ☆ | ☆ | | | ☆ | | | | | RNMG 09 03 00 |
| | | 1/2 | RNMG 43 | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | | | | | RNMG 12 04 00 |
| | | 5/8 | RNMG 54 | ☆ | ☆ | ☆ | ☆ | | | | | | | | RNMG 15 06 00 |
| | | 3/4 | RNMG 64 | ☆ | ☆ | ☆ | ☆ | ☆ | | ☆ | | | | | RNMG 19 06 00 |
| | | 1 | RNMG 86 | | | ☆ | ☆ | | | ☆ | | | | | RNMG 25 09 00 |
| | | | | P05 | P15 | P25 | P35 | M35 | K10 | K15 | K20 | N15 | S15 | S05 | |

### Redondas

| | | ISO | iO | iC | S | | ANSI |
|---|---|---|---|---|---|---|---|
| | | | | | GC | - | |
| | | | | | 1115 | H13A | |
| Desbaste |  RNMG-SR | RNMG 19 06 00-SR | 19 | 3/4 | ★ | ☆ | RNMG 64-SR |
| | | | | | S15 | S15 | |

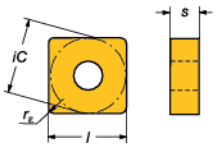
★= Primera elección

Para las dimensiones, ver clave de códigos en la página A16.

A90 A238 A331 I1 A426 A412 A434 A2

# T-Max P

## Cuadradas




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | □ | iC | P | | | | | | M | | | | | | K | | | | | S | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | GC | GC | GC | - | GC | | |
| | | | | | 1515 | 1525 | 4205 | 4215 | 4225 | 4235 | 5015 | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | 1105 | 1115 | 1125 | H13A | S05F | | |
| Acabado | SNMG-PF | SNMG 12 04 08-PF | 12 | 1/2 | ☆ | ☆ | ☆ | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | SNMG 432-PF |
| | | SNMG 12 04 12-PF | | | ☆ | ☆ | ☆ | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | SNMG 433-PF |
| | SNMG-MF | SNMG 12 04 04-MF | 12 | 1/2 | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | ☆ | ☆ | | | | SNMG 431-MF |
| | | SNMG 12 04 08-MF | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | ☆ | ☆ | | | | SNMG 432-MF |
| | SNMG-QF | SNMG 12 04 04-QF | 12 | 1/2 | | | | | ☆ | | ☆ | | | | | | | | | | | | | | | | | SNMG 431-QF |
| | | SNMG 12 04 08-QF | | | | | | | ☆ | | ☆ | | | | | | | | | | | | | | | | | SNMG 432-QF |
| | SNMG-MF* | SNMG 09 03 04-MF | 09 | 3/8 | | | | | | | ☆ | | | | | | ☆ | | | | | | | | | | | SNMG 321-MF |
| | | SNMG 09 03 08-MF | | | | | | | | | ☆ | | | | | | ☆ | | | | | | | | | | | SNMG 322-MF |
| | | SNMG 09 03 12-MF | | | | | | | | | ☆ | | | | | | | | | | | | | | | | | SNMG 323-MF |
| | | SNMG 12 04 04-MF | 12 | 1/2 | | | | | | | ☆ | | | | | | | | | | | | | | | | | SNMG 431-MF |
| | | SNMG 12 04 08-MF | | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | ☆ | | | | | | | | | | | SNMG 432-MF |
| | | SNMG 12 04 12-MF | | | | | | ☆ | ☆ | ☆ | | | | | | | ☆ | | | | | | | | | | | SNMG 433-MF |
| | | SNMG 12 04 16-MF | | | | | | | | | ☆ | | | | | | | | | | | | | | | | | SNMG 434-MF |
| Medio | SNMG-PM | SNMG 09 03 04-PM | 09 | 3/8 | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | SNMG 321-PM |
| | | SNMG 09 03 08-PM | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | SNMG 322-PM |
| | | SNMG 12 04 04-PM | 12 | 1/2 | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | SNMG 431-PM |
| | | SNMG 12 04 08-PM | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | SNMG 432-PM |
| | | SNMG 12 04 12-PM | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | SNMG 433-PM |
| | | SNMG 12 04 16-PM | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | SNMG 434-PM |
| | | SNMG 15 06 12-PM | 15 | 5/8 | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | SNMG 543-PM |
| | | SNMG 15 06 16-PM | | | | | ☆ | ☆ | ★ | | | | | | | | | | | | | | | | | | | SNMG 544-PM |
| | SNMG-MM | SNMG 12 04 08-MM | 12 | 1/2 | | | | | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | SNMG 432-MM |
| | | SNMG 12 04 12-MM | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | SNMG 433-MM |
| | | SNMG 12 04 16-MM | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | SNMG 434-MM |
| | | SNMG 15 06 12-MM | 15 | 5/8 | | | | | | | | | | | ★ | ☆ | | | | | | | | | | | | SNMG 543-MM |
| | | SNMG 15 06 16-MM | | | | | | | | | | | | | ★ | | | | | | | | | | | | | SNMG 544-MM |
| | | SNMG 19 06 12-MM | 19 | 3/4 | | | | | | | | | | | ★ | ☆ | | | | | | | | | | | | SNMG 643-MM |
| | | SNMG 19 06 16-MM | | | | | | | | | | | | | ★ | ☆ | | | | | | | | | | | | SNMG 644-MM |
| | SNMG-KM | SNMG 09 03 08-KM | 09 | 3/8 | | | | | | | | | | | | | | | | ★ | ☆ | | | | | | | SNMG 322-KM |
| | | SNMG 12 04 08-KM | 12 | 1/2 | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | SNMG 432-KM |
| | | SNMG 12 04 12-KM | | | | | | | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | SNMG 433-KM |
| | | SNMG 12 04 16-KM | | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | SNMG 434-KM |
| | | SNMG 15 06 12-KM | 15 | 5/8 | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | SNMG 543-KM |
| | | SNMG 15 06 16-KM | | | | | | | | | | | | | | | | | ★ | | ☆ | | | | | | | SNMG 544-KM |
| | | SNMG 19 06 12-KM | 19 | 3/4 | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | SNMG 643-KM |
| | | SNMG 19 06 16-KM | | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | SNMG 644-KM |
| | SNMG-SM | SNMG 12 04 08-SM | 12 | 1/2 | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | ☆ | ☆ | | SNMG 432-SM |
| | | SNMG 12 04 12-SM | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | ☆ | ☆ | | SNMG 433-SM |
| | | SNMG 12 04 16-SM | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | ☆ | ☆ | | SNMG 434-SM |
| | | | | | P25 | P15 | P05 | P15 | P25 | P35 | P10 | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | S15 | S15 | S25 | S15 | S05 | | |

Para las dimensiones, ver clave de códigos en la página A16.

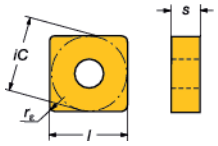
★= Primera elección

* Geometría específica para acabado de materiales pastosos.

A90 A238 A331 I1 A426 A412 A434 A2

# T-Max P

## Cuadradas




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | i□ | iC | P | | | | | | M | | | | | | K | | | | | S | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | CT | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | GC | GC | GC | - | GC | | |
| | | | | | 1515 | 1525 | 4205 | 4215 | 4225 | 5015 | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | 1105 | 1115 | 1125 | H13A | S05F | | |
| Medio | SNMG-SMR | SNMG 12 04 08-SMR | 12 | 1/2 | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | ☆ | ☆ | | SNMG 432-SMR |
| | | SNMG 12 04 12-SMR | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | ☆ | ☆ | | SNMG 433-SMR |
| | | SNMG 12 04 16-SMR | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | ☆ | ☆ | | SNMG 434-SMR |
| | SNMG-QM | SNMG 09 03 04-QM | 09 | 3/8 | | | | | ☆ | ☆ | | | | | | ☆ | | | | | | | | | | | | SNMG 321-QM |
| | | SNMG 09 03 08-QM | | | | | | | ☆ | ☆ | | | | | | ☆ | | | | | ☆ | | | | ☆ | | | SNMG 322-QM |
| | | SNMG 09 03 12-QM | | | | | | | | ☆ | | | | | | | | | | | | | | | | | | SNMG 323-QM |
| | | SNMG 12 04 04-QM | 12 | 1/2 | | | | | ☆ | ☆ | | | | | | ☆ | | | | | | | | | | | | SNMG 431-QM |
| | | SNMG 12 04 08-QM | | | | | ☆ | ☆ | ☆ | ☆ | ☆ | | | ☆ | | ☆ | | | | | ☆ | ☆ | ☆ | | ☆ | ☆ | | SNMG 432-QM |
| | | SNMG 12 04 12-QM | | | | | ☆ | ☆ | ☆ | ☆ | ☆ | | | ☆ | | ☆ | | | | | ☆ | ☆ | ☆ | | ☆ | | | SNMG 433-QM |
| | | SNMG 12 04 16-QM | | | | | | | ☆ | | ☆ | | | | | ☆ | | | | | ☆ | ☆ | ☆ | | ☆ | | | SNMG 434-QM |
| | | SNMG 15 06 08-QM | 15 | 5/8 | | | | | ☆ | | | | | | | | | | | | | | | | | | | SNMG 542-QM |
| | | SNMG 15 06 12-QM | | | | | | | ☆ | | ☆ | | | | | ☆ | | | | | ☆ | ☆ | ☆ | | ☆ | | | SNMG 543-QM |
| | | SNMG 15 06 16-QM | | | | | | | ☆ | | ☆ | | | | | | | | | | | ☆ | ☆ | | | | | SNMG 544-QM |
| | | SNMG 19 06 08-QM | 19 | 3/4 | | | | | ☆ | | | | | | | ☆ | | | | | | | | | | | | SNMG 642-QM |
| | | SNMG 19 06 12-QM | | | | | | | ☆ | | ☆ | | | | | ☆ | | | | | ☆ | ☆ | ☆ | | ☆ | | | SNMG 643-QM |
| | | SNMG 19 06 16-QM | | | | | | | ☆ | | ☆ | | | | | | | | | | ☆ | ☆ | ☆ | | ☆ | | | SNMG 644-QM |
| | SNMG-SM | SNMG 12 04 08-SM | 12 | 1/2 | | | | | ☆ | | | | | | | | | | | | | | | | | | | SNMG 432-SM |
| | | SNMG 12 04 12-SM | | | | | | | ☆ | | | | | | | | | | | | | | | | | | | SNMG 433-SM |
| | SNMG-HM | SNMG 15 06 12-HM | 15 | 5/8 | | | ☆ | ☆ | ★ | ☆ | | | | ★ | | | | | | | | | | | | | | SNMG 543-HM |
| | | SNMG 15 06 16-HM | | | | | ☆ | ☆ | ★ | ☆ | | | | ★ | | | | | | | | | | | | | | SNMG 544-HM |
| | | SNMG 19 06 12-HM | 19 | 3/4 | | | ☆ | ☆ | ★ | ☆ | | | | ★ | | | | | | | | | | | | | | SNMG 643-HM |
| | | SNMG 19 06 16-HM | | | | | ☆ | ☆ | ★ | ☆ | | | | ★ | | | | | | | | | | | | | | SNMG 644-HM |
| | | SNMG 19 06 24-HM | | | | | ☆ | ☆ | ★ | ☆ | | | | ★ | | | | | | | | | | | | | | SNMG 656-HM |
| | | SNMG 25 09 24-HM | 25 | 1 | | | ☆ | ☆ | ★ | ☆ | | | | ★ | | | | | | | | | | | | | | SNMG 866-HM |
| Desbaste | SNMG-PR | SNMG 12 04 08-PR | 12 | 1/2 | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | SNMG 432-PR |
| | | SNMG 12 04 12-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | SNMG 433-PR |
| | | SNMG 12 04 16-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | SNMG 434-PR |
| | | SNMG 15 06 08-PR | 15 | 5/8 | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | SNMG 542-PR |
| | | SNMG 15 06 12-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | SNMG 543-PR |
| | | SNMG 15 06 16-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | SNMG 544-PR |
| | | SNMG 15 06 24-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | SNMG 546-PR |
| | | SNMG 19 06 08-PR | 19 | 3/4 | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | SNMG 642-PR |
| | | SNMG 19 06 12-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | SNMG 643-PR |
| | | SNMG 19 06 16-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | ☆ | | | | | | | | | | | | | | SNMG 644-PR |
| | | SNMG 19 06 24-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | SNMG 646-PR |
| | | SNMG 25 07 16-PR | 25 | 1 | | | | | ★ | ☆ | | | | | | | | | | | | | | | | | | SNMG 854-PR |
| | | SNMG 25 07 24-PR | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | SNMG 856-PR |
| | | SNMG 25 09 24-PR | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | SNMG 866-PR |
| | SNMM-PR | SNMM 12 04 08-PR | 12 | 1/2 | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | SNMM 432-PR |
| | | SNMM 12 04 12-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | SNMM 433-PR |
| | | SNMM 15 06 12-PR | 15 | 5/8 | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | SNMM 543-PR |
| | | SNMM 15 06 16-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | SNMM 544-PR |
| | | SNMM 19 06 12-PR | 19 | 3/4 | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | SNMM 643-PR |
| | | SNMM 19 06 16-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | SNMM 644-PR |
| | | SNMM 19 06 24-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | SNMM 646-PR |
| | | | | | P25 | P15 | P05 | P15 | P25 | P10 | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | S15 | S15 | S25 | S15 | S05 | | |

★= Primera elección

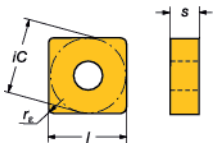
Para las dimensiones, ver clave de códigos en la página A16.

* Geometría complementaria para semidesbaste en acero.

A90 A238 A331 I1 A426 A412 A434 A2

# T-Max P

## Cuadradas




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | □ | iC | P | | | | | | M | | | | | | K | | | | | S | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | GC | CT | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | GC | GC | GC | - | GC | | |
| | | | | | 1515 | 1525 | 4205 | 4215 | 4225 | 4235 | 5015 | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | 1105 | 1115 | 1125 | H13A | S05F | | |
| Desbaste | SNMG-MR | SNMG 12 04 08-MR | 12 | 1/2 | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | SNMG 432-MR |
| | | SNMG 12 04 12-MR | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | SNMG 433-MR |
| | | SNMG 15 06 12-MR | 15 | 5/8 | | | | | | | | | | | ★ | ☆ | | | | | | | | | | | | | SNMG 543-MR |
| | | SNMG 15 06 16-MR | | | | | | | | | | | | | ★ | ☆ | | | | | | | | | | | | | SNMG 544-MR |
| | | SNMG 19 06 12-MR | 19 | 3/4 | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | SNMG 643-MR |
| | | SNMG 19 06 16-MR | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | SNMG 644-MR |
| | | SNMG 19 06 24-MR | | | | | | | | | | | | | ★ | | | | | | | | | | | | | | SNMG 646-MR |
| | SNMM-MR | SNMM 12 04 08-MR | 12 | 1/2 | | | | | | | | | | | ★ | ☆ | | | | | | | | | | | | | SNMM 432-MR |
| | | SNMM 12 04 12-MR | | | | | | ☆ | | ☆ | | | | | ★ | ☆ | | | | | | | | | | | | | SNMM 433-MR |
| | | SNMM 12 04 16-MR | | | | | | | | | | | | | ★ | | | | | | | | | | | | | | SNMM 434-MR |
| | | SNMM 15 06 12-MR | 15 | 5/8 | | | ☆ | | | | | | | | ★ | | | | | | | | | | | | | | SNMM 543-MR |
| | | SNMM 15 06 16-MR | | | | | ☆ | ☆ | | | | | | | ★ | | | | | | | | | | | | | | SNMM 544-MR |
| | | SNMM 15 06 24-MR | | | | | ☆ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | SNMM 546-MR |
| | | SNMM 19 06 12-MR | 19 | 3/4 | | | ☆ | | | | | | | | ★ | | | | | | | | | | | | | | SNMM 643-MR |
| | | SNMM 19 06 16-MR | | | | | ☆ | | ☆ | ☆ | | | | | ★ | ☆ | | | | | | | | | | | | | SNMM 644-MR |
| | | SNMM 19 06 24-MR | | | | | ☆ | ☆ | | ☆ | | | | | ★ | ☆ | | | | | | | | | | | | | SNMM 646-MR |
| | | SNMM 19 06 32-MR | | | | | | ☆ | ☆ | ☆ | | | | | | ★ | | | | | | | | | | | | | SNMM 648-MR |
| | | SNMM 25 07 24-MR | 25 | 1 | | | | ☆ | ☆ | ☆ | | | | | ★ | ☆ | | | | | | | | | | | | | SNMM 856-MR |
| | | SNMM 25 07 32-MR | | | | | | | ☆ | ☆ | | | | | | ☆ | | | | | | | | | | | | | SNMM 858-MR |
| | | SNMM 25 09 24-MR | | | | | | | ☆ | ☆ | | | | | ★ | | | | | | | | | | | | | | SNMM 866-MR |
| | | SNMM 25 09 32-MR | | | | | | | ☆ | | | | | | | ☆ | | | | | | | | | | | | | SNMM 868-MR |
| | SNMG-KR | SNMG 12 04 08-KR | 12 | 1/2 | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | SNMG 432-KR |
| | | SNMG 12 04 12-KR | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | SNMG 433-KR |
| | | SNMG 12 04 16-KR | | | | | | | | | | | | | | | | | ★ | ☆ | | | | | | | | | SNMG 434-KR |
| | | SNMG 15 06 12-KR | 15 | 5/8 | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | SNMG 543-KR |
| | | SNMG 15 06 16-KR | | | | | | | | | | | | | | | | | ★ | ☆ | | | | | | | | | SNMG 544-KR |
| | | SNMG 19 06 16-KR | 19 | 3/4 | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | SNMG 644-KR |
| | | SNMG 25 07 24-KR | 25 | 1 | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | SNMG 856-KR |
| | SNMA-KR | SNMA 09 03 08-KR | 09 | 3/8 | | | | | | | | | | | | | | | | ☆ | | | | | | | | | SNMA 322-KR |
| | | SNMA 12 04 08-KR | 12 | 1/2 | | | | | | | | | | | | | | ★ | ☆ | ☆ | | | | | | | | | SNMA 432-KR |
| | | SNMA 12 04 12-KR | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | | | | | | | | SNMA 433-KR |
| | | SNMA 12 04 16-KR | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | | | | | | | | SNMA 434-KR |
| | | SNMA 15 06 12-KR | 15 | 5/8 | | | | | | | | | | | | | | ★ | ☆ | ☆ | | | | | | | | | SNMA 543-KR |
| | | SNMA 15 06 16-KR | | | | | | | | | | | | | | | | ★ | | ☆ | | | | | | | | | SNMA 544-KR |
| | | SNMA 19 06 08-KR | 19 | 3/4 | | | | | | | | | | | | | | ★ | | | | | | | | | | | SNMA 642-KR |
| | | SNMA 19 06 12-KR | | | | | | | | | | | | | | | | ★ | | ☆ | | | | | | | | | SNMA 643-KR |
| | | SNMA 19 06 16-KR | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | | | | | | | | SNMA 644-KR |
| | | SNMA 25 07 24-KR | 25 | 1 | | | | | | | | | | | | | | ★ | | ☆ | | | | | | | | | SNMA 856-KR |
| | SNMG-SM | SNMG 15 06 12-SM | 15 | 5/8 | | | | | | | | | | | ☆ | | | | | | | ★ | ☆ | | ☆ | ☆ | | | SNMG 543-SM |
| | | SNMG 15 06 16-SM | | | | | | | | | | | | | ☆ | | | | | | | ★ | ☆ | | ☆ | ☆ | | | SNMG 544-SM |
| | | SNMG 19 06 16-SM | 19 | 3/4 | | | | | | | | | | | ☆ | | | | | | | ★ | ☆ | | ☆ | ☆ | | | SNMG 644-SM |
| | SNMG-SMR | SNMG 15 06 16-SMR | 15 | 5/8 | | | | | | | | | | | ☆ | | | | | | | ★ | ☆ | | ☆ | ☆ | | | SNMG 544-SMR |
| | | SNMG 19 06 16-SMR | 19 | 3/4 | | | | | | | | | | | ☆ | | | | | | | ★ | ☆ | | ☆ | ☆ | | | SNMG 644-SMR |
| | | | | | P25 | P15 | P05 | P15 | P25 | P35 | P10 | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | S15 | S15 | S25 | S15 | S05 | | |

★= Primera elección

Para las dimensiones, ver clave de códigos en la página A16.

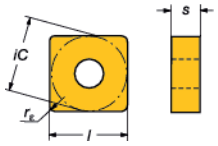
A90 A238 A331 I1 A426 A412 A434 A2



SANDVIK Coromant

# T-Max P

## Cuadradas




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | i□ | iC | P | | | | | | M | | | | | | K | | | | | S | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | CT | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | GC | GC | GC | GC | - | GC | |
| | | | | | 1515 | 1525 | 4205 | 4215 | 4225 | 5015 | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | 1005 | 1105 | 1115 | 1125 | H13A | S05F | | |
| Desbaste | SNMM-QR | SNMM 12 04 08-QR | 12 | 1/2 | | | | | ☆ | ☆ | | | | | | ☆ | | | | | | | | | | | | SNMM 432-QR |
| | | SNMM 12 04 12-QR | | | | | | | ☆ | ☆ | | | | | | ☆ | | | | | | | | | | | | SNMM 433-QR |
| | | SNMM 12 04 16-QR | | | | | | | ☆ | ☆ | | | | | | | | | | | | | | | | | | SNMM 434-QR |
| | | SNMM 15 06 08-QR | 15 | 5/8 | | | | | | ☆ | | | | | | | | | | | | | | | | | | SNMM 542-QR |
| | | SNMM 15 06 12-QR | | | | | | | ☆ | ☆ | | | | | | | | | | | | | | | | | | SNMM 543-QR |
| | | SNMM 15 06 16-QR | | | | | | | ☆ | | | | | | | | | | | | | | | | | | | SNMM 544-QR |
| | | SNMM 15 06 24-QR | | | | | | | ☆ | | | | | | | | | | | | | | | | | | | SNMM 546-QR |
| | | SNMM 19 06 08-QR | 19 | 3/4 | | | | | ☆ | | | | | | | | | | | | | | | | | | | SNMM 642-QR |
| | | SNMM 19 06 12-QR | | | | | | ☆ | ☆ | ☆ | | | | | | ☆ | | | | | | | | | | | | SNMM 643-QR |
| | | SNMM 19 06 16-QR | | | | | | ☆ | ☆ | ☆ | | | | | | ☆ | | | | | | | | | | | | SNMM 644-QR |
| | | SNMM 19 06 24-QR | | | | | | | ☆ | | | | | | | ☆ | | | | | | | | | | | | SNMM 646-QR |
| | | SNMM 25 07 24-QR | 25 | 1 | | | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | SNMM 856-QR |
| | SNMM-HR | SNMM 19 06 16-HR | 19 | 3/4 | | | | ☆ | ☆ | ☆ | | | | | | ☆ | | | | | | | | | | | | SNMM 644-HR |
| | | SNMM 19 06 24-HR | | | | | | ☆ | ☆ | ☆ | | | | | | ☆ | | | | | | | | | | | | SNMM 646-HR |
| | | SNMM 25 07 24-HR | 25 | 1 | | | | ☆ | ☆ | ☆ | | | | | | ☆ | | | | | | | | | | | | SNMM 856-HR |
| | | SNMM 25 07 32-HR | | | | | | ☆ | ☆ | ☆ | | | | | | | | | | | | | | | | | | SNMM 858-HR |
| | | SNMM 25 09 24-HR | | | | | | ☆ | ☆ | ☆ | | | | | | ☆ | | | | | | | | | | | | SNMM 866-HR |
| | | SNMM 25 09 32-HR | | | | | | ☆ | ☆ | ☆ | | | | | | | | | | | | | | | | | | SNMM 868-HR |
| | SNMG-MR* | SNMG 12 04 08-MR | 12 | 1/2 | | | ☆ | ☆ | ☆ | ☆ | | | | | | ☆ | | | | | | | | | | | | SNMG 432-MR |
| | | SNMG 12 04 12-MR | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | ☆ | | | | | | | | | | | | SNMG 433-MR |
| | | SNMG 12 04 16-MR | | | | | ☆ | ☆ | ☆ | | | | | | | ☆ | | | | | | | | | | | | SNMG 434-MR |
| | | SNMG 15 06 12-MR | 15 | 5/8 | | | ☆ | ☆ | ☆ | ☆ | | | | | | ☆ | | | | | | | | | | | | SNMG 543-MR |
| | | SNMG 15 06 16-MR | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | ☆ | | | | | | | | | | | | SNMG 544-MR |
| | | SNMG 19 06 08-MR | 19 | 3/4 | | | | | ☆ | | | | | | | ☆ | | | | | | | | | | | | SNMG 642-MR |
| | | SNMG 19 06 12-MR | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | ☆ | | | | | | | | | | | | SNMG 643-MR |
| | | SNMG 19 06 16-MR | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | ☆ | | | | | | | | | | | | SNMG 644-MR |
| | | SNMG 25 07 24-MR | 25 | 1 | | | | | | | | | | | | ☆ | | | | | | | | | | | | SNMG 856-MR |
| | | SNMG 25 09 24-MR | | | | | | | | | | | | | | ☆ | | | | | | | | | | | | SNMG 866-MR |
| | | | | | P25 | P15 | P05 | P15 | P25 | P10 | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | S15 | S15 | S15 | S25 | S15 | S05 | | |

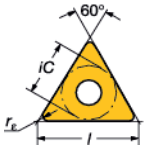
★= Primera elección

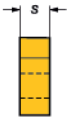
Para las dimensiones, ver clave de códigos en la página A16.

* Geometría específica para acero y desbaste de acero inoxidable.

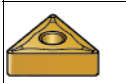
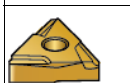
# T-Max P

## Triangulares




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | ⧋ | iC | P | | | | | | | M | | | | | | K | | | | | S | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | GC | CT | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | GC | GC | GC | - | GC | | |
| | | | | | 1515 | 1525 | 4205 | 4215 | 4225 | 4235 | 5015 | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | 1105 | 1115 | 1125 | H13A | S05F | | |
| Acabado | TNMX-WF | TNMX 16 04 04-WF | 16 | 3/8 | ☆ | ☆ | | ★ | ☆ | | ☆ | ☆ | ☆ | ★ | | | | | | | ★ | | | | | | | | TNMX 331-WF |
| | | TNMX 16 04 08-WF | | | ☆ | ☆ | ☆ | ★ | ☆ | | ☆ | ☆ | ☆ | ★ | | | | ☆ | | | ★ | | | | | | | | TNMX 332-WF |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TNMG-PF | TNMG 16 04 04-PF | 16 | 3/8 | ☆ | ☆ | | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | TNMG 331-PF |
| | | TNMG 16 04 08-PF | | | ☆ | ☆ | ☆ | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | TNMG 332-PF |
| | | TNMG 16 04 12-PF | | | ☆ | ☆ | ☆ | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | TNMG 333-PF |
| | | TNMG 22 04 08-PF | 22 | 1/2 | ☆ | ☆ | | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | TNMG 432-PF |
| | | TNMG 22 04 12-PF | | | ☆ | | | ★ | ☆ | | | | | | | | | | | | | | | | | | | | TNMG 433-PF |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TNMG-MF | TNMG 16 04 04-MF | 16 | 3/8 | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | ☆ | ☆ | | | | | TNMG 331-MF |
| | | TNMG 16 04 08-MF | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | ☆ | ☆ | | | | | TNMG 332-MF |
| | | TNMG 16 04 12-MF | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | ☆ | ☆ | | | | | TNMG 333-MF |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TNMG-KF | TNMG 16 04 04-KF | 16 | 3/8 | | | | | | | | | | | | | | ☆ | | | ★ | | | | | | | | TNMG 331-KF |
| | | TNMG 16 04 08-KF | | | | | | | | | | | | | | | | ☆ | | | ★ | | | | | | | | TNMG 332-KF |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TNMG-SF | TNMG 16 04 04-SF | 16 | 3/8 | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | ☆ | ☆ | | TNMG 331-SF |
| | | TNMG 16 04 08-SF | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | ☆ | ☆ | | TNMG 332-SF |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TNMG-LC | TNMG 16 04 04-LC | 16 | 3/8 | ☆ | ☆ | | ★ | ☆ | | | | | | ☆ | | | | | | | | | | | | | | TNMG 331-LC |
| | | TNMG 16 04 08-LC | | | ☆ | ☆ | | ★ | ☆ | | | | | | ★ | | | | | | | | | | | | | | TNMG 332-LC |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| |  TNMG-QF | TNMG 16 03 08-QF | 16 | 3/8 | | | | | ☆ | | | | | | | | | | | | | | | | | | | | TNMG 322-QF |
| | | TNMG 16 04 04-QF | | | | | | ☆ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | TNMG 331-QF |
| | | TNMG 16 04 08-QF | | | | | | ☆ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | TNMG 332-QF |
| | | TNMG 16 04 12-QF | | | | | | ☆ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | TNMG 333-QF |
| | | TNMG 22 04 04-QF | 22 | 1/2 | | | | | | | ☆ | | | | | | | | | | | | | | | | | | TNMG 431-QF |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| |  TNMG-K | TNMG 16 04 04R/L-K | 16 | 3/8 | | ☆ | | ☆ | ☆ | | | | | | | ☆ | | | | | | | | | | | | | TNMG 331R/L-K |
| | | TNMG 16 04 08R/L-K | | | | ☆ | | ☆ | ☆ | | | | | | | ☆ | | | | | | | | | | | | | TNMG 332R/L-K |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TNMG-MF* | TNMG 11 03 02-MF | 11 | 1/4 | | | | ☆ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | TNMG 220-MF |
| | | TNMG 11 03 04-MF | | | | | | ☆ | ☆ | | ☆ | | | | | | ☆ | | | | | | | | | | | | TNMG 221-MF |
| | | TNMG 11 03 08-MF | | | | | | ☆ | ☆ | | ☆ | | | | | | ☆ | | | | | | | | | | | | TNMG 222-MF |
| | | TNMG 11 03 12-MF | | | | | | | ☆ | | | | | | | | | | | | | | | | | | | | TNMG 223-MF |
| | | TNMG 16 04 04-MF | 16 | 3/8 | | | | ☆ | ☆ | ☆ | ☆ | | | | | | ☆ | | | | | | | | | | | | TNMG 331-MF |
| | | TNMG 16 04 08-MF | | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | ☆ | | | | | | | | | | | | TNMG 332-MF |
| | | TNMG 16 04 12-MF | | | | | | ☆ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | TNMG 333-MF |
| | | TNMG 16 04 16-MF | | | | | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | TNMG 334-MF |
| | | TNMG 22 04 04-MF | 22 | 1/2 | | | | | ☆ | | ☆ | | | | | | ☆ | | | | | | | | | | | | TNMG 431-MF |
| | | TNMG 22 04 08-MF | | | | | | ☆ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | TNMG 432-MF |
| | | TNMG 22 04 12-MF | | | | | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | TNMG 433-MF |
| | | | | | P25 | P15 | P05 | P15 | P25 | P35 | P10 | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | S15 | S15 | S25 | S15 | S05 | | |

R = A Derecha, L = A Izquierda ★= Primera elección

Para las dimensiones, ver clave de códigos en la página A16.
* Geometría específica para acabado de materiales pastosos.

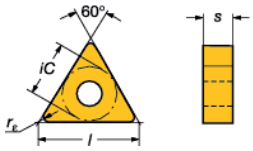
A90 A238 A331 I1 A426 A412 A434 A2



SANDVIK Coromant

# T-Max P

## Triangulares




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | △ | iC | P | | | | | | | M | | | | | | K | | | | | S | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | GC | CT | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | GC | GC | GC | - | GC | | |
| | | | | | 1515 | 1525 | 4205 | 4215 | 4225 | 4235 | 5015 | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | 1105 | 1115 | 1125 | H13A | S05F | | |
| Medio | TNMX-WMX | TNMX 16 04 08-WMX | 16 | 3/8 | | | ☆ | ★ | ☆ | | | | | ★ | | | | | ☆ | ☆ | ★ | | | | | | | | TNMX 332-WMX |
| | | TNMX 16 04 12-WMX | | | | | ☆ | ★ | ☆ | | | | | ★ | | | | | ☆ | ☆ | ★ | | | | | | | | TNMX 333-WMX |
| | TNMX-WM | TNMX 16 04 08-WM | 16 | 3/8 | | | ☆ | ★ | ☆ | | | | | | | | | | | ☆ | ★ | | | | | | | | TNMX 332-WM |
| | | TNMX 16 04 12-WM | | | | ☆ | ☆ | ★ | ☆ | | | | | ★ | | | | ☆ | | ☆ | ★ | | | | | | | | TNMX 333-WM |
| | TNMG-PM | TNMG 16 04 04-PM | 16 | 3/8 | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | TNMG 331-PM |
| | | TNMG 16 04 08-PM | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | TNMG 332-PM |
| | | TNMG 16 04 12-PM | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | TNMG 333-PM |
| | | TNMG 22 04 04-PM | 22 | 1/2 | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | TNMG 431-PM |
| | | TNMG 22 04 08-PM | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | TNMG 432-PM |
| | | TNMG 22 04 12-PM | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | TNMG 433-PM |
| | | TNMG 22 04 16-PM | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | TNMG 434-PM |
| | TNMG-MM | TNMG 16 04 08-MM | 16 | 3/8 | | | | | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | TNMG 332-MM |
| | | TNMG 16 04 12-MM | | | | | | | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | TNMG 333-MM |
| | | TNMG 22 04 08-MM | 22 | 1/2 | | | | | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | TNMG 432-MM |
| | | TNMG 22 04 12-MM | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | TNMG 433-MM |
| | | TNMG 22 04 16-MM | | | | | | | | | | | | | ★ | | | | | | | | | | | | | | TNMG 434-MM |
| | TNMG-KM | TNMG 16 04 08-KM | 16 | 3/8 | | | | | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | TNMG 332-KM |
| | | TNMG 16 04 12-KM | | | | | | | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | TNMG 333-KM |
| | | TNMG 22 04 08-KM | 22 | 1/2 | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | TNMG 432-KM |
| | | TNMG 22 04 12-KM | | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | TNMG 433-KM |
| | | TNMG 22 04 16-KM | | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | TNMG 434-KM |
| | TNMG-SM | TNMG 16 04 08-SM | 16 | 3/8 | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | ☆ | ☆ | | TNMG 332-SM |
| | | TNMG 16 04 12-SM | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | ☆ | ☆ | | TNMG 333-SM |
| | | TNMG 22 04 08-SM | 22 | 1/2 | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | ☆ | ☆ | | TNMG 432-SM |
| | | TNMG 22 04 12-SM | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | ☆ | ☆ | | TNMG 433-SM |
| | TNMG-QM | TNMG 11 03 04-QM | 11 | 1/4 | | | | ☆ | ☆ | ☆ | | | | | | | ☆ | | | | | | | | | | | | TNMG 221-QM |
| | | TNMG 11 03 08-QM | | | | | ☆ | ☆ | ☆ | ☆ | ☆ | | | | | | ☆ | | | | | | | | | | | | TNMG 222-QM |
| | | TNMG 16 03 04-QM | 16 | 3/8 | | | | ☆ | | | | | | | | | | | | | | | | | | | | | TNMG 321-QM |
| | | TNMG 16 03 08-QM | | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | TNMG 322-QM |
| | | TNMG 16 04 04-QM | | | | | | ☆ | ☆ | ☆ | ☆ | | | | ☆ | | ☆ | | | | | ☆ | | | | ☆ | | | TNMG 331-QM |
| | | TNMG 16 04 08-QM | | | | | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | | ☆ | ☆ | | ☆ | | | | | ☆ | ☆ | ☆ | | | ☆ | | | TNMG 332-QM |
| | | TNMG 16 04 12-QM | | | | | ☆ | ☆ | ☆ | ☆ | | ☆ | | | ☆ | | | | | | | | ☆ | ☆ | | | | | | TNMG 333-QM |
| | | TNMG 22 04 04-QM | 22 | 1/2 | | | | | ☆ | ☆ | | | | | | | ☆ | | | | | ☆ | | | | | ☆ | | | TNMG 431-QM |
| | | TNMG 22 04 08-QM | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | ☆ | | | | | ☆ | | | | | ☆ | | | TNMG 432-QM |
| | | TNMG 22 04 12-QM | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | ☆ | | | | | ☆ | | | | | ☆ | | | TNMG 433-QM |
| | | TNMG 22 04 16-QM | | | | | ☆ | ☆ | ☆ | ☆ | | ☆ | | | | | | | | | | ☆ | ☆ | ☆ | | | ☆ | | | TNMG 434-QM |
| | | TNMG 27 06 08-QM | 27 | 5/8 | | | | | ☆ | | | | | | | | ☆ | | | | | | | | | | | | | TNMG 542-QM |
| | | TNMG 27 06 12-QM | | | | | | ☆ | ☆ | | | | | | | | ☆ | | | | | | | | | | | | | TNMG 543-QM |
| | TNMG-SM | TNMG 16 04 04-SM | 16 | 3/8 | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | TNMG 331-SM |
| | | TNMG 16 04 08-SM | | | | | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | TNMG 332-SM |
| | | TNMG 16 04 12-SM | | | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | TNMG 333-SM |
| | | TNMG 22 04 08-SM | 22 | 1/2 | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | TNMG 432-SM |
| | | TNMG 22 04 12-SM | | | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | TNMG 433-SM |
| | | | | | P25 | P15 | P05 | P15 | P25 | P35 | P10 | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | S15 | S15 | S25 | S15 | S05 | | |

Para las dimensiones, ver clave de códigos en la página A16.

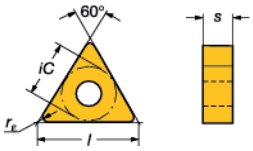
★= Primera elección

* Geometría complementaria para semidesbaste en acero.

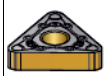
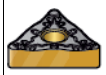
A90 A238 A331 I1 A426 A412 A434 A2

# T-Max P

## Triangulares




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | | iC | P | | | | | | M | | | | | | K | | | | | S | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | GC | GC | GC | GC | - | GC | |
| | | | | | 1515 | 1525 | 4205 | 4215 | 4225 | 4235 | 5015 | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | 1005 | 1105 | 1115 | 1125 | H13A | S05F | |
| Medio | TNMG-HM | TNMG 27 06 12-HM | 27 | 5/8 | | | ☆ | ★ | ★ | ☆ | | | | | ★ | | | | | | | | | | | | | | TNMG 543-HM |
| | | TNMG 27 06 16-HM | | | | | ☆ | ★ | ★ | ☆ | | | | | ★ | | | | | | | | | | | | | | TNMG 544-HM |
| | | TNMG 33 09 24-HM | 33 | 3/4 | | | ☆ | ☆ | ★ | ☆ | | | | | ★ | | | | | | | | | | | | | | TNMG 666-HM |
| Desbaste |  TNMX-WR | TNMX 22 04 12-WR | 22 | 1/2 | | | | ★ | | | | | | | | | | | | | | | | | | | | | TNMX 433-WR |
| | | TNMX 22 04 16-WR | | | | | | ★ | | | | | | | | | | | | | | | | | | | | | TNMX 434-WR |
| | TNMG-PR | TNMG 16 04 08-PR | 16 | 3/8 | | | ☆ | ☆ | ★ | ☆ | | | | | ☆ | | | | | | | | | | | | | | TNMG 332-PR |
| | | TNMG 16 04 12-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | TNMG 333-PR |
| | | TNMG 22 04 08-PR | 22 | 1/2 | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | TNMG 432-PR |
| | | TNMG 22 04 12-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | ☆ | | | | | | | | | | | | | | TNMG 433-PR |
| | | TNMG 22 04 16-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | TNMG 434-PR |
| | | TNMG 27 06 08-PR | 27 | 5/8 | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | TNMG 542-PR |
| | | TNMG 27 06 12-PR | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | TNMG 543-PR |
| | | TNMG 27 06 16-PR | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | TNMG 544-PR |
| | | TNMG 33 07 16-PR | 33 | 3/4 | | | | | ★ | ☆ | | | | | | | | | | | | | | | | | | | TNMG 654-PR |
| | | TNMG 33 09 24-PR | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | TNMG 666-PR |
| |  TNMM-PR | TNMM 16 04 08-PR | 16 | 3/8 | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | TNMM 332-PR |
| | | TNMM 16 04 12-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | TNMM 333-PR |
| | | TNMM 22 04 08-PR | 22 | 1/2 | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | TNMM 432-PR |
| | | TNMM 22 04 12-PR | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | TNMM 433-PR |
| | | TNMM 22 04 16-PR | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | TNMM 434-PR |
| | TNMG-MR | TNMG 16 04 08-MR | 16 | 3/8 | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | TNMG 332-MR |
| | | TNMG 16 04 12-MR | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | TNMG 333-MR |
| | | TNMG 22 04 08-MR | 22 | 1/2 | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | TNMG 432-MR |
| | | TNMG 22 04 12-MR | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | TNMG 433-MR |
| | | TNMG 22 04 16-MR | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | TNMG 434-MR |
| | TNMM-MR | TNMM 16 04 08-MR | 16 | 3/8 | | | ☆ | | | | | | | | ★ | | | | | | | | | | | | | | TNMM 332-MR |
| | | TNMM 16 04 12-MR | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | | TNMM 333-MR |
| | | TNMM 22 04 08-MR | 22 | 1/2 | | | | | | ☆ | | | | | ★ | | | | | | | | | | | | | | TNMM 432-MR |
| | | TNMM 22 04 12-MR | | | | | | | | ☆ | | | | | ★ | | | | | | | | | | | | | | TNMM 433-MR |
| | | TNMM 22 04 16-MR | | | | | | | | | | | | | ★ | | | | | | | | | | | | | | TNMM 434-MR |
| | | TNMM 27 06 12-MR | 27 | 5/8 | | | | | | ☆ | | | | | | | | | | | | | | | | | | | TNMM 543-MR |
| | | TNMM 27 06 16-MR | | | | | | | | | | | | | | ★ | | | | | | | | | | | | | TNMM 544-MR |
| | | TNMM 27 06 24-MR | | | | | | | | | | | | | | ★ | | | | | | | | | | | | | TNMM 546-MR |
| | TNMG-KR | TNMG 16 04 08-KR | 16 | 3/8 | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | TNMG 332-KR |
| | | TNMG 16 04 12-KR | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | TNMG 333-KR |
| | | TNMG 16 04 16-KR | | | | | | | | | | | | | | | | ★ | | ☆ | | | | | | | | | TNMG 334-KR |
| | | TNMG 22 04 08-KR | 22 | 1/2 | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | TNMG 432-KR |
| | | TNMG 22 04 12-KR | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | TNMG 433-KR |
| | | TNMG 27 06 16-KR | 27 | 5/8 | | | | | | | | | | | | | | | ★ | | | | | | | | | | TNMG 544-KR |
| | TNMA-KR | TNMA 16 04 04-KR | 16 | 3/8 | | | | | | | | | | | | | | ★ | ☆ | ☆ | | | | | | | | | TNMA 331-KR |
| | | TNMA 16 04 08-KR | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | | | | | | | | TNMA 332-KR |
| | | TNMA 16 04 12-KR | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | | | | | | | | TNMA 333-KR |
| | | TNMA 16 04 16-KR | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | | | | | | | | TNMA 334-KR |
| | | | | | P25 | P15 | P05 | P15 | P25 | P35 | P10 | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | S15 | S15 | S15 | S25 | S15 | S05 | |

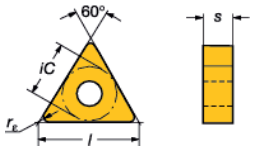
★= Primera elección

Para las dimensiones, ver clave de códigos en la página A16.

A90 A238 A331 I1 A426 A412 A434 A2

# T-Max P

## Triangulares




| | | ISO | △ | iC | P | | | | | | | M | | | | | | K | | | | | | S | | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | GC | CT | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | GC | GC | GC | GC | - | GC | | | | | |
| | | | | | 1515 | 1525 | 4205 | 4215 | 4225 | 4235 | 5015 | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | 1005 | 1105 | 1115 | 1125 | H13A | S05F | | | | | |
| | | | | | P25 | P15 | P05 | P15 | P25 | P35 | P10 | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | S15 | S15 | S15 | S25 | S15 | S05 | | | | | |
| Desbaste | TNMA-KR | TNMA 22 04 08-KR | 22 | 1/2 | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | | | | | | | | | | TNMA 432-KR |
| | | TNMA 22 04 12-KR | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | | | | | | | | | | TNMA 433-KR |
| | | TNMA 22 04 16-KR | | | | | | | | | | | | | | | | | ★ | | ☆ | | | | | | | | | | | TNMA 434-KR |
| | | TNMA 22 04 32-KR | | | | | | | | | | | | | | | | | | | ★ | | | | | | | | | | | TNMA 438-KR |
| | | TNMA 27 06 16-KR | 27 | 5/8 | | | | | | | | | | | | | | | | | ☆ | | | | | | | | | | | TNMA 544-KR |
| | TNMM-QR | TNMM 16 04 08-QR | 16 | 3/8 | | | | ☆ | ☆ | ☆ | | | | | | | ☆ | | | | | | | | | | | | | | | TNMM 332-QR |
| | | TNMM 16 04 12-QR | | | | | | | ☆ | | | | | | | | ☆ | | | | | | | | | | | | | | | TNMM 333-QR |
| | | TNMM 22 04 08-QR | 22 | 1/2 | | | | ☆ | ☆ | | | | | | | | ☆ | | | | | | | | | | | | | | | TNMM 432-QR |
| | | TNMM 22 04 12-QR | | | | | | ☆ | ☆ | ☆ | | | | | | | ☆ | | | | | | | | | | | | | | | TNMM 433-QR |
| | | TNMM 22 04 16-QR | | | | | | ☆ | ☆ | ☆ | | | | | | | ☆ | | | | | | | | | | | | | | | TNMM 434-QR |
| | | TNMM 27 06 12-QR | 27 | 5/8 | | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | | TNMM 543-QR |
| | | TNMM 27 06 16-QR | | | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | | | TNMM 544-QR |
| | TNMM-HR | TNMM 27 06 16-HR | 27 | 5/8 | | | | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | TNMM 544-HR |
| | | TNMM 27 06 24-HR | | | | | | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | TNMM 546-HR |
| | TNMG-MR* | TNMG 16 04 08-MR | 16 | 3/8 | | | ☆ | ☆ | ☆ | ☆ | | | | | | | ☆ | | | | | | | | | | | | | | | TNMG 332-MR |
| | | TNMG 16 04 12-MR | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | TNMG 333-MR |
| | | TNMG 22 04 08-MR | 22 | 1/2 | | | ☆ | ☆ | ☆ | ☆ | | | | | | | ☆ | | | | | | | | | | | | | | | TNMG 432-MR |
| | | TNMG 22 04 12-MR | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | ☆ | | | | | | | | | | | | | | | TNMG 433-MR |
| | | TNMG 22 04 16-MR | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | ☆ | | | | | | | | | | | | | | | TNMG 434-MR |
| | | TNMG 22 04 24-MR | | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | | | | TNMG 436-MR |
| | | TNMG 27 06 08-MR | 27 | 5/8 | | | | | ☆ | ☆ | | | | | | | ☆ | | | | | | | | | | | | | | | TNMG 542-MR |
| | | TNMG 27 06 12-MR | | | | | | ☆ | ☆ | ☆ | | | | | | | ☆ | | | | | | | | | | | | | | | TNMG 543-MR |
| | | TNMG 27 06 16-MR | | | | | | ☆ | ☆ | ☆ | | | | | | | ☆ | | | | | | | | | | | | | | | TNMG 544-MR |
| | | TNMG 33 09 24-MR | 33 | 3/4 | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | | | TNMG 666-MR |

★= Primera elección

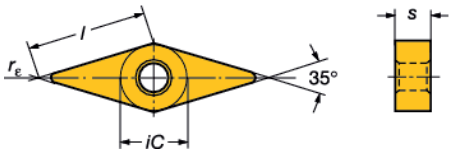
Para las dimensiones, ver clave de códigos en la página A16.

* Geometría específica para acero y desbaste de acero inoxidable.

A90 A238 A331 I1 A426 A412 A434 A2

# T-Max P

**Rómbica 35°**







Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | | iC | P | | | | | | | M | | | | | | K | | | | | S | | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | GC | CT | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | GC | GC | GC | GC | - | GC | | |
| | | | | | 1515 | 1525 | 4205 | 4215 | 4225 | 4235 | 5015 | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | 1005 | 1105 | 1115 | 1125 | H13A | S05F | | |
| Acabado | VNMG-PF | VNMG 16 04 04-PF | 16 | 3/8 | ☆ | ☆ | | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | VNMG 331-PF |
| | | VNMG 16 04 08-PF | | | ☆ | ☆ | ☆ | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | VNGG 332-PF |
| | VNMG-MF | VNMG 16 04 04-MF | 16 | 3/8 | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | ☆ | ☆ | ☆ | | ☆ | | | VNMG 331-MF |
| | | VNMG 16 04 08-MF | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | ☆ | ☆ | ☆ | | ☆ | | | VNMG 332-MF |
| | VNMG-SF | VNMG160404-SF | 16 | 3/8 | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | ☆ | ☆ | | | VNMG 331-SF |
| | | VNMG160408-SF | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | ☆ | ☆ | | | VNMG 332-SF |
| | | VNMG160412-SF | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | | ☆ | ☆ | | | VNMG 333-SF |
| | VNGG-SGF | VNGG160404-SGF | 16 | 3/8 | | | | | | | | ☆ | ☆ | | | | | | | | | | ★ | ☆ | ☆ | ☆ | ☆ | | | VNGG 331-SGF |
| | | VNGG160408-SGF | | | | | | | | | | ☆ | ☆ | | | | | | | | | | ★ | ☆ | ☆ | ☆ | ☆ | | | VNGG 332-SGF |
| | | VNGG160412-SGF | | | | | | | | | | ☆ | | | | | | | | | | | ★ | ☆ | | ☆ | ☆ | | | VNGG 333-SGF |
| | VNMG-LC | VNMG 16 04 04-LC | 16 | 3/8 | ☆ | ☆ | | ★ | ☆ | | | | | | ☆ | | | | | | | | | | | | | | | VNMG 331-LC |
| | | VNMG 16 04 08-LC | | | ☆ | ☆ | | ★ | ☆ | | | | | | ☆ | | | | | | | | | | | | | | | VNMG 332-LC |
| | VNGP | VNGP 16 04 01 | 16 | 3/8 | | | | | | | | | | | | | | | | | | | ★ | | | | | | | VNGP 33(0.3) |
| | | VNGP 16 04 02 | | | | | | | | | | | | | | | | | | | | | ★ | | | | | | | VNGP 330 |
| | VNMG-MF* | VNMG 16 04 04-MF | 16 | 3/8 | | | | | ☆ | | ☆ | | | | | ☆ | | | | | | | | | | | | | | VNMG 331-MF |
| | | VNMG 16 04 08-MF | | | | | | ☆ | ☆ | | ☆ | | | | | ☆ | | | | | | | | | | | | | | VNMG 332-MF |
| | | VNMG 16 04 12-MF | | | | | | | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | VNMG 333-MF |
| | | | | | P25 | P15 | P05 | P15 | P25 | P35 | P10 | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | S15 | S15 | S15 | S25 | S15 | S05 | | |

1) De una cara

★= Primera elección

Para las dimensiones, ver clave de códigos en la página A16.

* Geometría específica para acabado de materiales pastosos.

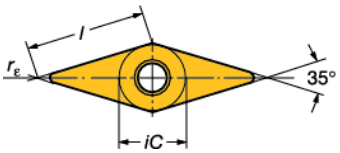
A90 A238 A331 I1 A426 A412 A434 A2



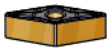
SANDVIK Coromant

# T-Max P

**Rómbica 35°**




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | s | iC | P | | | | | | | M | | | | | | K | | | | | S | | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | GC | CT | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | GC | GC | GC | GC | - | GC | | |
| | | | | | 1515 | 1525 | 4205 | 4215 | 4225 | 4235 | 5015 | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | 1005 | 1105 | 1115 | 1125 | H13A | S05F | | |
| Medio |  VNMG-PM | VNMG 16 04 08-PM | 16 | 3/8 | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | VNMG 332-PM |
| | | VNMG 16 04 12-PM | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | VNMG 333-PM |
| | VNMG-MM | VNMG 16 04 08-MM | 16 | 3/8 | | | | | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | VNMG 332-MM |
| | VNMG-KM | VNMG 16 04 08-KM | 16 | 3/8 | | | | | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | VNMG 332-KM |
| | | VNMG 16 04 12-KM | | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | VNMG 333-KM |
| | VNMG-SM | VNMG 16 04 04-SM | 16 | 3/8 | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | ☆ | ☆ | | | VNMG 331-SM |
| | | VNMG 16 04 08-SM | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | ☆ | ☆ | | | VNMG 332-SM |
| | | VNMG 16 04 12-SM | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | ☆ | ☆ | | | VNMG 333-SM |
| | VNMG-QM | VNMG 16 04 04-QM | 16 | 3/8 | | | | ☆ | ☆ | | ☆ | ☆ | | | | ☆ | | | | | ☆ | ☆ | ☆ | ☆ | | ☆ | | | | VNMG 331-QM |
| | | VNMG 16 04 08-QM | | | | | ☆ | ☆ | ☆ | ☆ | | ☆ | | | ☆ | | ☆ | | | | ☆ | ☆ | ☆ | ☆ | | ☆ | | | | VNMG 332-QM |
| | | VNMG 16 04 12-QM | | | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | VNMG 333-QM |
| | | | | | P25 | P15 | P05 | P15 | P25 | P35 | P10 | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | S15 | S15 | S15 | S25 | S15 | S05 | | |

1) De una cara

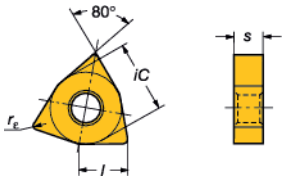
★= Primera elección

Para las dimensiones, ver clave de códigos en la página A16.

A90 A238 A331 I1 A426 A412 A434 A2

# T-Max P

## Trigonales 80°




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | ⌐ | iC | P | | | | | | | M | | | | | | | K | | | | | S | | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | GC | CT | | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | GC | GC | GC | - | GC | | | | |
| | | | | | 1515 | 1525 | 4205 | 4215 | 4225 | 4235 | 5015 | | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | 1105 | 1115 | 1125 | H13A | S05F | | | | |
| | WNMG-WF | WNMG 06 04 04-WF | 06 | 3/8 | ☆ | ☆ | | ★ | ☆ | | ☆ | | ☆ | ☆ | ★ | | | | ☆ | | | ★ | | | | | | | | | | WNMG 331-WF |
| | | WNMG 06 04 08-WF | | | ☆ | ☆ | ☆ | ★ | ☆ | | ☆ | | ☆ | ☆ | ★ | | | | ☆ | | | ★ | | | | | | | | | | WNMG 332-WF |
| | | WNMG 08 04 04-WF | 08 | 1/2 | ☆ | ☆ | | ★ | ☆ | | ☆ | | | ☆ | ★ | | | | | | | ★ | | | | | | | | | | WNMG 431-WF |
| | | WNMG 08 04 08-WF | | | ☆ | ☆ | ☆ | ★ | ☆ | | ☆ | | | ☆ | ★ | | | | | | | ★ | | | | | | | | | | WNMG 432-WF |
| | | WNMG 08 04 12-WF | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | ★ | | | | | | | | | | WNMG 433-WF |
| | WNMG-WL | WNMG 06 04 04-WL | 06 | 3/8 | ☆ | ☆ | | ★ | ☆ | | | | | | | ☆ | | | | | | | | | | | | | | | | WNMG 331-WL |
| | | WNMG 06 04 08-WL | | | ☆ | ☆ | | ★ | ☆ | | | | | | | ☆ | | | | | | | | | | | | | | | | WNMG 332-WL |
| | | WNMG 08 04 08-WL | 08 | 1/2 | ☆ | ☆ | | ★ | ☆ | | | | | | | ☆ | | | | | | | | | | | | | | | | WNMG 432-WL |
| | WNMG-PF | WNMG 06 04 04-PF | 06 | 3/8 | ☆ | ☆ | | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | | | WNMG 331-PF |
| | | WNMG 06 04 08-PF | | | ☆ | ☆ | ☆ | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | | | WNMG 332-PF |
| | | WNMG 06 04 12-PF | | | ☆ | | ☆ | ★ | | | | | | | | | | | | | | | | | | | | | | | | WNMG 333-PF |
| | | WNMG 08 04 04-PF | 08 | 1/2 | ☆ | ☆ | | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | | | WNMG 431-PF |
| | | WNMG 08 04 08-PF | | | ☆ | ☆ | ☆ | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | | | WNMG 432-PF |
| | | WNMG 08 04 12-PF | | | ☆ | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | WNMG 433-PF |
| | WNMG-MF | WNMG 06 04 04-MF | 06 | 3/8 | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | ☆ | ☆ | | | | | | WNMG 331-MF |
| | | WNMG 06 04 08-MF | | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | ☆ | ☆ | | | | | | WNMG 332-MF |
| | | WNMG 08 04 04-MF | 08 | 1/2 | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | ☆ | ☆ | | | | | | WNMG 431-MF |
| | | WNMG 08 04 08-MF | | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | ☆ | ☆ | ☆ | | ☆ | | | | WNMG 432-MF |
| Acabado | WNMG-KF | WNMG 06 04 04-KF | 06 | 3/8 | | | | | | | | | | | | | | | ☆ | | | ★ | | | | | | | | | | WNMG 331-KF |
| | | WNMG 06 04 08-KF | | | | | | | | | | | | | | | | | ★ | | | | | | | | | | | | | WNMG 332-KF |
| | | WNMG 08 04 04-KF | 08 | 1/2 | | | | | | | | | | | | | | | ☆ | | | ★ | | | | | | | | | | WNMG 431-KF |
| | | WNMG 08 04 08-KF | | | | | | | | | | | | | | | | | ☆ | | | ★ | | | | | | | | | | WNMG 432-KF |
| | | WNMG 08 04 12-KF | | | | | | | | | | | | | | | | | | | | ★ | | | | | | | | | | WNMG 433-KF |
| | WNMG-SF | WNMG 08 04 04-SF | 08 | 1/2 | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | ☆ | ☆ | | | | WNMG 431-SF |
| | | WNMG 08 04 08-SF | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | ☆ | ☆ | | | | WNMG 432-SF |
| | | WNMG 08 04 12-SF | | | | | | | | | | | | | | | | | | | | | | ★ | | | ☆ | ☆ | | | | WNMG 433-SF |
| | WNGG-SGF | WNGG 08 04 04-SGF | 08 | 1/2 | | | | | | | | | ☆ | ☆ | | | | | | | | | | ★ | ☆ | ☆ | ☆ | ☆ | | | | WNGG 431-SGF |
| | | WNGG 08 04 08-SGF | | | | | | | | | | | ☆ | ☆ | | | | | | | | | | ★ | ☆ | ☆ | ☆ | ☆ | | | | WNGG 432-SGF |
| | WNMG-LC | WNMG 06 04 04-LC | 06 | 3/8 | ☆ | ☆ | | ★ | ☆ | | | | | | | ☆ | | | | | | | | | | | | | | | | WNMG 331-LC |
| | | WNMG 06 04 08-LC | | | ☆ | ☆ | | ★ | ☆ | | | | | | | ☆ | | | | | | | | | | | | | | | | WNMG 332-LC |
| | | WNMG 08 04 08-LC | 08 | 1/2 | ☆ | ☆ | | ★ | ☆ | | | | | | | ☆ | | | | | | | | | | | | | | | | WNMG 432-LC |
| | WNMG-MF* | WNMG 06 04 04-MF | 06 | 3/8 | | | | | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | | | WNMG 331-MF |
| | | WNMG 06 04 08-MF | | | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | | | WNMG 332-MF |
| | | WNMG 08 04 04-MF | 08 | 1/2 | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | | | WNMG 431-MF |
| | | WNMG 08 04 08-MF | | | | | | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | WNMG 432-MF |
| | | | | | P25 | P15 | P05 | P15 | P25 | P35 | P10 | | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | S15 | S15 | S25 | S15 | S05 | | | | |

Para las dimensiones, ver clave de códigos en la página A16.

★= Primera elección

* Geometría específica para acabado de materiales pastosos.

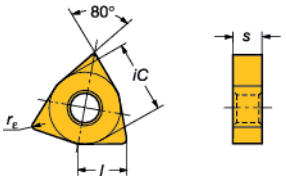
A90 A238 A331 I1 A426 A412 A434 A2



SANDVIK Coromant

# T-Max P

## Trigonales 80°




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | | iC | P | | | | | | | M | | | | | | K | | | | S | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | GC | CT | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | GC | GC | GC | - | GC | |
| | | | | | 1515 | 1525 | 4205 | 4215 | 4225 | 4235 | 5015 | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | 1105 | 1115 | 1125 | H13A | S05F | |
| Medio | WNMG-WMX | WNMG 06 04 08-WMX | 06 | 3/8 | | | ☆ | ★ | ☆ | | | | | ★ | | | | | ☆ | ☆ | ★ | | | | | | | WNMG 332-WMX |
| | | WNMG 06 04 12-WMX | | | | | ☆ | ★ | ☆ | | | | | ★ | | | | | ☆ | ☆ | ★ | | | | | | | WNMG 333-WMX |
| | | WNMG 08 04 08-WMX | 08 | 1/2 | | | ☆ | ★ | ☆ | | | | | ★ | | | | | ☆ | ☆ | ★ | | | | | | | WNMG 432-WMX |
| | | WNMG 08 04 12-WMX | | | | | ☆ | ★ | ☆ | | | | | ★ | | | | | ☆ | ☆ | ★ | | | | | | | WNMG 433-WMX |
| | WNMG-WM | WNMG 06 04 08-WM | 06 | 3/8 | | ☆ | ☆ | ★ | ☆ | | | | | ★ | | | | ☆ | | ☆ | | | | | | | | WNMG 332-WM |
| | | WNMG 06 04 12-WM | | | | | ☆ | ★ | ☆ | ☆ | | | | | | | | ☆ | | ☆ | ★ | | | | | | | WNMG 333-WM |
| | | WNMG 08 04 08-WM | 08 | 1/2 | | ☆ | ☆ | ★ | ☆ | ☆ | | | | ★ | | | | ☆ | | ☆ | ★ | | | | | | | WNMG 432-WM |
| | | WNMG 08 04 12-WM | | | | | ☆ | ★ | ☆ | ☆ | | | | ★ | | | | ☆ | | ☆ | ★ | | | | | | | WNMG 433-WM |
| | WNMG-PM | WNMG 06 04 08-PM | 06 | 3/8 | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | WNMG 332-PM |
| | | WNMG 06 04 12-PM | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | WNMG 333-PM |
| | | WNMG 08 04 08-PM | 08 | 1/2 | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | WNMG 432-PM |
| | | WNMG 08 04 12-PM | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | WNMG 433-PM |
| | | WNMG 08 04 16-PM | | | | | ☆ | ☆ | ★ | | | | | | | | | | | | | | | | | | | WNMG 434-PM |
| | WNMG-MM | WNMG 06 04 08-MM | 06 | 3/8 | | | | | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | WNMG 332-MM |
| | | WNMG 06 04 12-MM | | | | | | | | | | | | ☆ | ★ | | | | | | | | | | | | | WNMG 333-MM |
| | | WNMG 08 04 08-MM | 08 | 1/2 | | | | | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | WNMG 432-MM |
| | | WNMG 08 04 12-MM | | | | | | | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | WNMG 433-MM |
| | WNMG-KM | WNMG 06 04 08-KM | 06 | 3/8 | | | | | | | | | | | | | | | | ★ | ☆ | | | | | | | WNMG 332-KM |
| | | WNMG 06 04 12-KM | | | | | | | | | | | | | | | | | | ★ | ☆ | | | | | | | WNMG 333-KM |
| | | WNMG 08 04 08-KM | 08 | 1/2 | | | | | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | WNMG 432-KM |
| | | WNMG 08 04 12-KM | | | | | | | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | WNMG 433-KM |
| | | WNMG 08 04 16-KM | | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | WNMG 434-KM |
| | WNMG-SM | WNMG 08 04 04-SM | 08 | 1/2 | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | ☆ | ☆ | | WNMG 431-SM |
| | | WNMG 08 04 08-SM | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | ☆ | ☆ | | WNMG 432-SM |
| | | WNMG 08 04 12-SM | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | ☆ | ☆ | | WNMG 433-SM |
| | WNMG-SMR | WNMG 08 04 08-SMR | 08 | 1/2 | | | | | | | | | | | ☆ | | | | | | | ★ | ☆ | ☆ | ☆ | ☆ | | WNMG 432-SMR |
| | | WNMG 08 04 12-SMR | | | | | | | | | | | | | ☆ | | | | | | | ★ | ☆ | ☆ | ☆ | ☆ | | WNMG 433-SMR |
| | WNMG-QM | WNMG 06 04 08-QM | 06 | 3/8 | | | ☆ | ☆ | ☆ | ☆ | | ☆ | | | | | ☆ | | | | | | ☆ | | | | | WNMG 332-QM |
| | | WNMG 06 04 12-QM | | | | | ☆ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | WNMG 333-QM |
| | | WNMG 08 04 04-QM | 08 | 1/2 | | | | | ☆ | | | ☆ | | | | | ☆ | | | | ☆ | ☆ | ☆ | | ☆ | | | WNMG 431-QM |
| | | WNMG 08 04 08-QM | | | | | ☆ | ☆ | ☆ | ☆ | | ☆ | | | ☆ | | ☆ | | | | ☆ | ☆ | ☆ | ☆ | ☆ | | | WNMG 432-QM |
| | | WNMG 08 04 12-QM | | | | | ☆ | ☆ | ☆ | ☆ | | ☆ | | | ☆ | | ☆ | | | | ☆ | ☆ | ☆ | ☆ | ☆ | | | WNMG 433-QM |
| | | WNMG 08 04 16-QM | | | | | ☆ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | WNMG 434-QM |
| | | | | | P25 | P15 | P05 | P15 | P25 | P35 | P10 | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | S15 | S15 | S25 | S15 | S05 | |

★= Primera elección

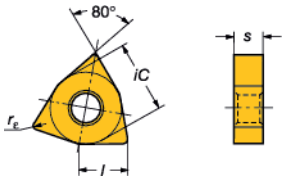
Para las dimensiones, ver clave de códigos en la página A16.

* Geometría complementaria para semidesbaste en acero.

A90 A238 A331 I1 A426 A412 A434 A2

# T-Max P

## Trigonales 80°




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | | iC | P | | | | | | | M | | | | | | K | | | | | S | | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | GC | CT | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | GC | GC | GC | GC | - | GC | | |
| | | | | | 1515 | 1525 | 4205 | 4215 | 4225 | 4235 | 5015 | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | 1005 | 1105 | 1115 | 1125 | H13A | S05F | | |
| Medio | WNMG-SM | WNMG 08 04 08-SM[1] | 08 | 1/2 | | | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | WNMG 432-SM |
| | | WNMG 08 04 12-SM[1] | | | | | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | WNMG 433-SM |
| Desbaste | WNMG-PR | WNMG 06 04 08-PR | 06 | 3/8 | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | WNMG 332-PR |
| | | WNMG 06 04 12-PR | | | | | ☆ | ☆ | ★ | | | | | | | | | | | | | | | | | | | | | WNMG 333-PR |
| | | WNMG 08 04 08-PR | 08 | 1/2 | | | ☆ | ☆ | ★ | ☆ | | | | | ☆ | | | | | | | | | | | | | | | WNMG 432-PR |
| | | WNMG 08 04 12-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | ☆ | | | | | | | | | | | | | | | WNMG 433-PR |
| | | WNMG 08 04 16-PR | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | WNMG 434-PR |
| | WNMM-MR | WNMM 08 04 12-MR | 08 | 1/2 | | | | ☆ | | | | | | | | | | | | | | | | | | | | | | WNMM 433-MR |
| | WNMG-MR | WNMG 06 04 08-MR | 06 | 3/8 | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | WNMG 332-MR |
| | | WNMG 06 04 12-MR | | | | | | | | | | | | | ★ | ☆ | | | | | | | | | | | | | | WNMG 333-MR |
| | | WNMG 08 04 08-MR | 08 | 1/2 | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | WNMG 432-MR |
| | | WNMG 08 04 12-MR | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | WNMG 433-MR |
| | WNMG-KR | WNMG 06 04 08-KR | 06 | 3/8 | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | WNMG 332-KR |
| | | WNMG 06 04 12-KR | | | | | | | | | | | | | | | | | ★ | | ☆ | | | | | | | | | WNMG 333-KR |
| | | WNMG 08 04 08-KR | 08 | 1/2 | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | WNMG 432-KR |
| | | WNMG 08 04 12-KR | | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | WNMG 433-KR |
| | WNMA-KR | WNMA 06 04 08-KR | 06 | 3/8 | | | | | | | | | | | | | | | ★ | | ☆ | | | | | | | | | WNMA 332-KR |
| | | WNMA 06 04 12-KR | | | | | | | | | | | | | | | | | ★ | | ☆ | | | | | | | | | WNMA 333-KR |
| | | WNMA 08 04 08-KR | 08 | 1/2 | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | | | | | | | | WNMA 432-KR |
| | | WNMA 08 04 12-KR | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | | | | | | | | WNMA 433-KR |
| | | WNMA 08 04 16-KR | | | | | | | | | | | | | | | | | ★ | | ☆ | | | | | | | | | WNMA 434-KR |
| | WNMG-MR* | WNMG 08 04 08-MR | 08 | 1/2 | | | ☆ | ☆ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | WNMG 432-MR |
| | | WNMG 08 04 12-MR | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | ☆ | | | | | | | | | | | | | WNMG 433-MR |
| | | WNMG 08 04 16-MR | | | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | WNMG 434-MR |
| | | | | | P25 | P15 | P05 | P15 | P25 | P35 | P10 | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | S15 | S15 | S15 | S25 | S15 | S05 | | |

★= Primera elección

[1] Geometría complementaria para semidesbaste en acero

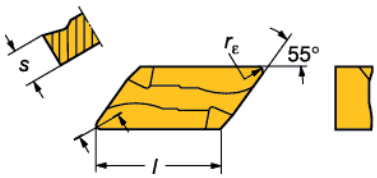
Para las dimensiones, ver clave de códigos en la página A16.

* Geometría específica para acero y desbaste de acero inoxidable.

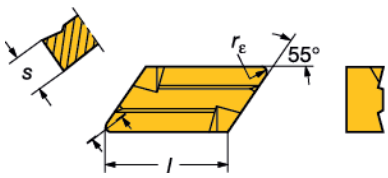
A90 A238 A331 I1 A426 A412 A434 A2

# T-Max®

**KNMX**




**KNUX**




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | | P | | | | M | | | K | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | GC | GC | CT | - | GC | GC | - | - | |
| | | | | 4215 | 4225 | 5015 | S1P | 2025 | 235 | H13A | H13A | |
| Acabado | KNMX-71 | KNMX 16 04 05 R/L-71 | 16 | ☆ | ☆ | | | ☆ | | | | KNMX 16 04 05 R/L-71 |
| | | KNMX 16 04 10 R/L-71 | | ☆ | ☆ | | | ☆ | | | | KNMX 16 04 10 R/L-71 |
| Finishing | KNUX | KNUX 16 04 05F R/L12 | 16 | | | | | | | ☆ | ☆ | KNUX 16 04 05F R/L12 |
| | | KNUX 16 04 05R/L11 | | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | | ☆ | KNUX 16 04 05L11 |
| | | KNUX 16 04 05L12 | | ☆ | ☆ | | | ☆ | ☆ | | ☆ | KNUX 16 04 05L12 |
| | | KNUX 16 04 05R12 | | ☆ | ☆ | | ☆ | ☆ | ☆ | | ☆ | KNUX 16 04 05R12 |
| | | KNUX 16 04 10F R/L12 | | | | | | | | ☆ | ☆ | KNUX 16 04 10F R/L12 |
| | | KNUX 16 04 10R/L11 | | ☆ | ☆ | | | ☆ | ☆ | | | KNUX 16 04 10R/L11 |
| | | KNUX 16 04 10L12 | | ☆ | ☆ | | | ☆ | ☆ | | ☆ | KNUX 16 04 10L12 |
| | | KNUX 16 04 10R12 | | ☆ | ☆ | | ☆ | ☆ | ☆ | | ☆ | KNUX 16 04 10R12 |
| | | KNUX 16 04 15F R13 | | | | | | | | ☆ | ☆ | KNUX 16 04 15F R13 |
| | | | | P15 | P25 | P10 | P10 | M25 | M35 | M15 | K20 | |

Para las dimensiones, ver clave de códigos en la página A16.

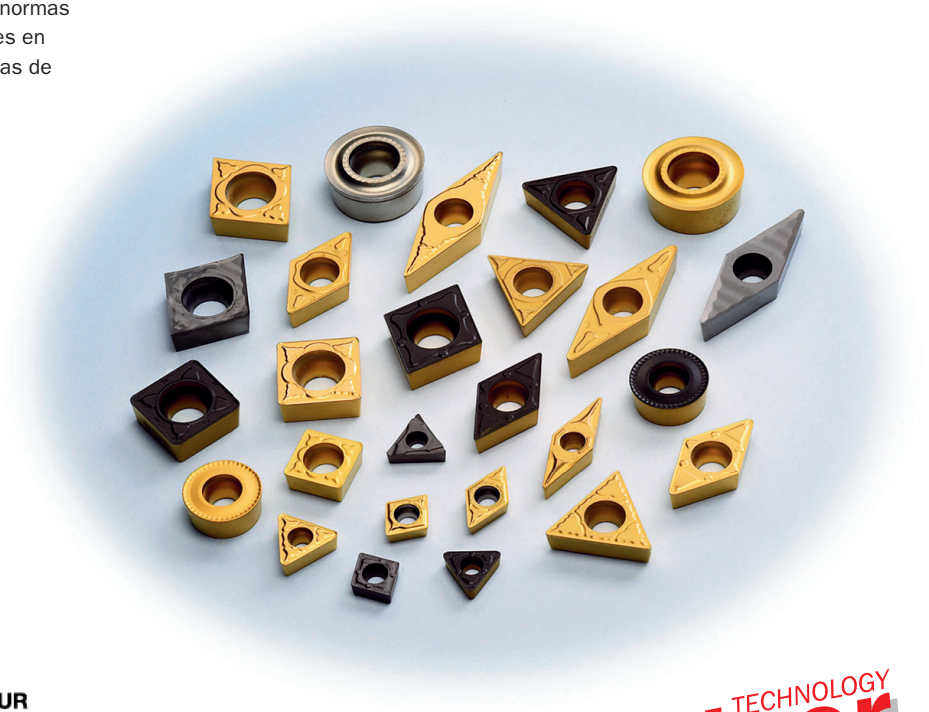
R = A Derecha, L = A Izquierda

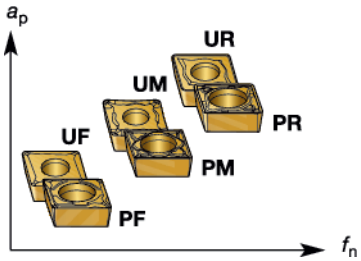
# CoroTurn® 107/111

## Plaquitas positivas

**Para torneado exterior de componentes pequeños, largos o esbeltos, y para operaciones interiores**

Las plaquitas CoroTurn® 107/111 cumplen con las normas ISO y están disponibles en muchos tipos de formas de plaquita






### Geometrías de plaquita

Especiales para:

- - Distintas áreas de avance y profundidad de corte
  - Distintos materiales de pieza

### Calidades de la plaquita

Calidades modernas y productivas, con y sin recubrimiento, para todas las áreas de materiales ISO

- Diamante policristalino, véase la página A434
- Nitruro de boro cúbico, véase la página A434

Disponibles en la gama de calidades para tornear acero: GC4205, GC4215, GC4225 y GC4235.

Áreas de aplicación ISO:

P M K N S H

### Tecnología Wiper

Las impulsoras de la productividad de Sandvik Coromant.

- Doble avance - mismo acabado superficial
- Mismo avance - acabado superficial el doble de bueno

La forma de las plaquita positiva combina unas bajas fuerzas de corte con buena resistencia del filo. La sujeción por tornillo garantiza una gran estabilidad y un flujo de la viruta sin obstrucciones.

### CoroTurn® 107 (7° de ángulo de incidencia)

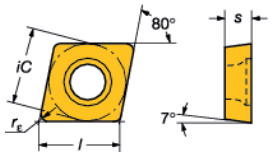
Plaquitas de primera elección para mecanizado exterior de componentes pequeños, largos y esbeltos y para operaciones interiores.

### CoroTurn® 111 (11° de ángulo de incidencia)

Para operaciones optimizadas de torneado interior que requieran fuerzas de corte bajas.

# CoroTurn® 107

**Rómbica 80°**




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | □ | iC | P | | | | | | | M | | | | | | | K | | | | | N | | S | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | GC | CT | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | GC | - | GC | GC | GC | GC | - | - | | |
| | | | | | 1125 | 1515 | 1525 | 4205 | 4215 | 4225 | 4235 | 5015 | 1105 | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | 1125 | H10 | 1005 | 1105 | 1115 | 1125 | H10A | H13A | | |
| Acabado | CCMT-WF | CCMT 06 02 02-WF | 06 | 1/4 | ★ | | | | | | ☆ | | | ★ | | | | ☆ | | | ★ | | | | | | | | | | | CCMT 2(1.5)0-WF |
| | | CCMT 06 02 04-WF | | | | ☆ | ☆ | | ★ | | ☆ | | ☆ | ☆ | ★ | | | | ☆ | | | ★ | | | | | | ★ | ☆ | | | CCMT 2(1.5)1-WF |
| | | CCMT 06 02 08-WF | | | | ☆ | ☆ | | ★ | | ☆ | | ☆ | ☆ | ★ | | | | ☆ | | | ★ | | | | | | ★ | ☆ | | | CCMT 2(1.5)2-WF |
| | | CCMT 09 T3 02-WF | 09 | 3/8 | ★ | | | | | | ☆ | | | ★ | | | | | | | | | | | | | | | | | CCMT 3(2.5)0-WF |
| | | CCMT 09 T3 04-WF | | | | ☆ | ☆ | | ★ | | ☆ | | ☆ | ☆ | ★ | | | | ☆ | | | ★ | | | | | | ★ | ☆ | | | CCMT 3(2.5)1-WF |
| | | CCMT 09 T3 08-WF | | | | ☆ | ☆ | | ★ | | ☆ | | ☆ | ☆ | ★ | | | | ☆ | | | ★ | | | | | | ★ | ☆ | | | CCMT 3(2.5)2-WF |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | CCMT-PF | CCMT 06 02 02-PF | 06 | 1/4 | | ☆ | | | | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | CCMT 2(1.5)0-PF |
| | | CCMT 06 02 04-PF | | | | ☆ | | | ★ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | CCMT 2(1.5)1-PF |
| | | CCMT 09 T3 02-PF | 09 | 3/8 | | ☆ | | | | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | CCMT 3(2.5)0-PF |
| | | CCMT 09 T3 04-PF | | | | ☆ | | | ★ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | CCMT 3(2.5)1-PF |
| | | CCMT 09 T3 08-PF | | | | ☆ | | | ★ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | CCMT 3(2.5)2-PF |
| | | CCMT 12 04 04-PF | 12 | 1/2 | | ☆ | | | ★ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | CCMT 431-PF |
| | CCMT-MF | CCMT 06 02 02-MF | 06 | 1/4 | | | | | | | | | ☆ | ★ | | | | | | | | | | | | | ★ | ☆ | ☆ | | | CCMT 2(1.5)0-MF |
| | | CCMT 06 02 04-MF | | | | | | | | | | | ☆ | ☆ | ★ | | | | | | | | | | | | ★ | ☆ | ☆ | | | CCMT 2(1.5)1-MF |
| | | CCMT 09 T3 02-MF | 09 | 3/8 | | | | | | | | | ☆ | ★ | | | | | | | | | | | | | ★ | ☆ | ☆ | | | CCMT 3(2.5)0-MF |
| | | CCMT 09 T3 04-MF | | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | ☆ | ★ | ☆ | ☆ | | | CCMT 3(2.5)1-MF |
| | | CCMT 09 T3 08-MF | | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | ★ | ☆ | ☆ | | | CCMT 3(2.5)2-MF |
| | | CCMT 12 04 04-MF | 12 | 1/2 | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | ★ | ☆ | | | CCMT 431-MF |
| | CCMT-KF | CCMT 06 02 02-KF | 06 | 1/4 | | | | | | | | | | | | | | | | | | | ★ | | | | | | | ☆ | CCMT 2(1.5)0-KF |
| | | CCMT 06 02 04-KF | | | | | | | | | | | | | | | | | | ☆ | | | ★ | | | | | | | ☆ | CCMT 2(1.5)1-KF |
| | | CCMT 09 T3 02-KF | 09 | 3/8 | | | | | | | | | | | | | | | | | | | ★ | | | | | | | ☆ | CCMT 3(2.5)0-KF |
| | | CCMT 09 T3 04-KF | | | | | | | | | | | | | | | | | | ☆ | | | ★ | | | | | | | ☆ | CCMT 3(2.5)1-KF |
| | | CCMT 12 04 04-KF | 12 | 1/2 | | | | | | | | | | | | | | | | | | | ★ | | | | | | | ☆ | CCMT 431-KF |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | CCMT-UF | CCMT 06 02 02-UF | 06 | 1/4 | | ☆ | | | | | ☆ | | | ☆ | | | | | | | | | | | | | | | | | | CCMT 2(1.5)0-UF |
| | | CCMT 06 02 04-UF | | | | ☆ | | | | ☆ | ☆ | ☆ | | ☆ | | | | ☆ | | | | | | | | | | | | | | CCMT 2(1.5)1-UF |
| | | CCMT 06 02 08-UF | | | | | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | CCMT 2(1.5)2-UF |
| | | CCMT 09 T3 02-UF | 09 | 3/8 | | ☆ | | | | | | | | ☆ | | | | | | | | | | | | | | | | | | CCMT 3(2.5)0-UF |
| | | CCMT 09 T3 04-UF | | | | ☆ | | | ☆ | | ☆ | | | ☆ | | | | | | | | | | | | | | | | | | CCMT 3(2.5)1-UF |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Medio | CCMT-WM | CCMT 06 02 08-WM | 06 | 1/4 | | ☆ | | | ★ | ☆ | | | ★ | | | | | | | | | | | | | | | ★ | | | | CCMT 2(1.5)2-WM |
| | | CCMT 09 T3 04-WM | 09 | 3/8 | | ☆ | ☆ | ☆ | ★ | ☆ | | | ☆ | | ★ | | | | | | | | | | | | | ★ | | | | CCMT 3(2.5)1-WM |
| | | CCMT 09 T3 08-WM | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | ☆ | | ★ | | | | | ☆ | | | ★ | | | | | ★ | | | | CCMT 3(2.5)2-WM |
| | | CCMT 12 04 04-WM | 12 | 1/2 | | ☆ | | | ★ | ☆ | | | ☆ | | ★ | | | | | ☆ | | | ★ | | | | | ★ | | | | CCMT 431-WM |
| | | CCMT 12 04 08-WM | | | | ☆ | | ☆ | ★ | ☆ | | | ☆ | | ★ | | | | | ☆ | | | ★ | | | | | ★ | | | | CCMT 432-WM |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | CCMT-PM | CCMT 06 02 04-PM | 06 | 1/4 | | ☆ | ☆ | | ☆ | ★ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | CCMT 2(1.5)1-PM |
| | | CCMT 06 02 08-PM | | | | ☆ | ☆ | | ☆ | ★ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | CCMT 2(1.5)2-PM |
| | | CCMT 09 T3 04-PM | 09 | 3/8 | | ☆ | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | CCMT 3(2.5)1-PM |
| | | CCMT 09 T3 08-PM | | | | ☆ | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | CCMT 3(2.5)2-PM |
| | | CCMT 12 04 04-PM | 12 | 1/2 | | ☆ | | | ☆ | ★ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | CCMT 431-PM |
| | | CCMT 12 04 08-PM | | | | ☆ | ☆ | | ☆ | ★ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | CCMT 432-PM |
| | | CCMT 12 04 12-PM | | | | ☆ | | | ☆ | ★ | | ☆ | | | | | | | | | | | | | | | | | | | | | CCMT 433-PM |
| | | | | | P25 | P25 | P15 | P05 | P15 | P25 | P35 | P10 | M15 | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | N25 | N15 | S15 | S15 | S15 | S25 | S10 | S15 | | |

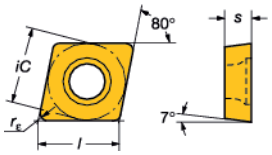
★= Primera elección

Para las dimensiones, ver clave de códigos en la página A16.

A90 A238 A331 I1 A426 A412 A434 A2

# CoroTurn® 107

**Rómbica 80°**




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | ◻ | iC | P | | | | | | | | M | | | | | | | K | | | | | N | | S | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | GC | GC | CT | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | GC | - | GC | GC | GC | GC | - | - | |
| | | | | | 1125 | 1515 | 1525 | 4205 | 4215 | 4225 | 4235 | 5015 | 1105 | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | 1125 | H10 | 1005 | 1105 | 1115 | 1125 | H10A | H13A | |
| | | | | | P25 | P25 | P15 | P05 | P15 | P25 | P35 | P10 | M15 | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | N25 | N15 | S15 | S15 | S15 | S25 | S10 | S15 | |
| Medio | CCMT-MM | CCMT 06 02 04-MM | 06 | 1/4 | | | | | | | | | | ☆ | ☆ | ★ | | | | | | | | | | | ☆ | ★ | ☆ | ☆ | | | CCMT 2(1.5)1-MM |
| | | CCMT 06 02 08-MM | | | | | | | | | | | | ☆ | ☆ | ★ | | | | | | | | | | | ☆ | ★ | ☆ | ☆ | | | CCMT 2(1.5)2-MM |
| | | CCMT 09 T3 04-MM | 09 | 3/8 | | | | | | | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | ☆ | ★ | ☆ | ☆ | | | CCMT 3(2.5)1-MM |
| | | CCMT 09 T3 08-MM | | | | | | | | | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | ☆ | ★ | ☆ | ☆ | | | CCMT 3(2.5)2-MM |
| | | CCMT 12 04 04-MM | 12 | 1/2 | | | | | | | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | ☆ | ★ | ☆ | ☆ | | | CCMT 431-MM |
| | | CCMT 12 04 08-MM | | | | | | | | | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | ☆ | ★ | ☆ | ☆ | | | CCMT 432-MM |
| | | CCMT 12 04 12-MM | | | | | | | | | | | | | ☆ | ★ | | | | | | | | | | | | | | | | | CCMT 433-MM |
| | CCMT-KM | CCMT 06 02 04-KM | 06 | 1/4 | | | | | | | | | | | | | | | | ☆ | | | ★ | ☆ | | | | | | | | ☆ | CCMT 2(1.5)1-KM |
| | | CCMT 06 02 08-KM | | | | | | | | | | | | | | | | | | ☆ | | | ★ | ☆ | | | | | | | | ☆ | CCMT 2(1.5)2-KM |
| | | CCMT 09 T3 04-KM | 09 | 3/8 | | | | | | | | | | | | | | | | ☆ | | | ★ | ☆ | | | | | | | | ☆ | CCMT 3(2.5)1-KM |
| | | CCMT 09 T3 08-KM | | | | | | | | | | | | | | | | | | ☆ | | | ★ | ☆ | | | | | | | | ☆ | CCMT 3(2.5)2-KM |
| | | CCMT 12 04 04-KM | 12 | 1/2 | | | | | | | | | | | | | | | | ☆ | | ★ | ☆ | ☆ | | | | | | | | ☆ | CCMT 431-KM |
| | | CCMT 12 04 08-KM | | | | | | | | | | | | | | | | | | ☆ | | ★ | ☆ | ☆ | | | | | | | | ☆ | CCMT 432-KM |
| | CCET-UM | CCET 06 02 01-UM | 06 | 1/4 | ★ | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | ☆ | | | ★ | ☆ | | | | CCET 2(1.5)03-UM |
| | | CCET 06 02 02-UM | | | ★ | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | ☆ | | | ★ | ☆ | | | | CCET 2(1.5)0-UM |
| | | CCET 06 02 04-UM | | | ★ | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | ☆ | | | ★ | ☆ | | | | CCET 2(1.5)1-UM |
| | CCGT-UM | CCGT 06 02 01-UM | 06 | 1/4 | | | | | | | | | | ☆ | ☆ | | | | | | | | | ☆ | | | | | ★ | ☆ | | ☆ | CCGT 2(1.5)03-UM |
| | | CCGT 06 02 02-UM | | | | ☆ | | | | | | | | ☆ | ☆ | | | | | | | | | ☆ | | | | | ★ | ☆ | | ☆ | CCGT 2(1.5)0-UM |
| | | CCGT 06 02 04-UM | | | | ☆ | | | | | | ☆ | | ☆ | ☆ | | | ☆ | | | | | | ☆ | | | | | ★ | ☆ | | ☆ | CCGT 2(1.5)1-UM |
| | | CCGT 09 T3 01-UM | 09 | 3/8 | | | | | | | | ☆ | | ☆ | ☆ | | | | | | | | | ☆ | | | | ★ | ☆ | ☆ | | ☆ | CCGT 3(2.5)03-UM |
| | | CCGT 09 T3 02-UM | | | | ☆ | | | | | | ☆ | | ☆ | ☆ | | | | | | | | | ☆ | | | | ★ | ☆ | ☆ | | ☆ | CCGT 3(2.5)0-UM |
| | | CCGT 09 T3 04-UM | | | | ☆ | | | | | | ☆ | | ☆ | ☆ | | | | | | | | | ☆ | | | ☆ | ★ | ☆ | ☆ | | ☆ | CCGT 3(2.5)1-UM |
| | | CCGT 09 T3 08-UM | | | | ☆ | | | | | | ☆ | | ☆ | ☆ | | | ☆ | | | | | | ☆ | | | ☆ | ★ | ☆ | ☆ | | ☆ | CCGT 3(2.5)2-UM |
| | | CCGT 12 04 04-UM | 12 | 1/2 | | | | | | | | | | | | | | | | | | | | | | | | | | | ★ | | CCGT 431-UM |
| | | CCGT 12 04 08-UM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ★ | | CCGT 432-UM |
| | CCMW | CCMW 06 02 04 | 06 | 1/4 | | | | | | | | | | | | | | | | | | | ☆ | | | | | | | | | | CCMW 2(1.5)1 |
| | | CCMW 09 T3 04 | 09 | 3/8 | | | | | | | | ☆ | | | | | | | | | | | ☆ | | | | | | | | | | CCMW 3(2.5)1 |
| | CCMT-UM | CCMT 06 02 04-UM | 06 | 1/4 | | ☆ | ☆ | | | ☆ | ☆ | ☆ | | ☆ | ☆ | | | | ☆ | | | | | | | | | | ☆ | ☆ | | | CCMT 2(1.5)1-UM |
| | | CCMT 06 02 08-UM | | | | ☆ | | | | ☆ | | | | ☆ | ☆ | | | | ☆ | | | | | | | | | | ☆ | ☆ | | | CCMT 2(1.5)2-UM |
| | | CCMT 09 T3 04-UM | 09 | 3/8 | | ☆ | ☆ | | ☆ | ☆ | | | | ☆ | ☆ | | ☆ | | ☆ | | | | | | | | | | ☆ | ☆ | | ☆ | CCMT 3(2.5)1-UM |
| | | CCMT 09 T3 08-UM | | | | ☆ | ☆ | | ☆ | ☆ | | ☆ | | ☆ | ☆ | | ☆ | | ☆ | | | | | | | | | | ☆ | ☆ | | | CCMT 3(2.5)2-UM |
| | | CCMT 12 04 08-UM | 12 | 1/2 | | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | | | CCMT 432-UM |
| Desbaste | CCMT-PR | CCMT 06 02 08-PR | 06 | 1/4 | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | CCMT 2(1.5)2-PR |
| | | CCMT 09 T3 08-PR | 09 | 3/8 | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | CCMT 3(2.5)2-PR |
| | | CCMT 09 T3 12-PR | | | | | | | | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | CCMT 3(2.5)3-PR |
| | | CCMT 12 04 08-PR | 12 | 1/2 | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | CCMT 432-PR |
| | | CCMT 12 04 12-PR | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | CCMT 433-PR |

★= Primera elección

Para las dimensiones, ver clave de códigos en la página A16.

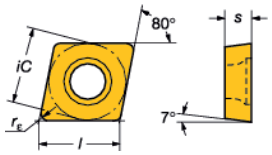
A90 A238 A331 I1 A426 A412 A434 A2



SANDVIK Coromant

# CoroTurn® 107

**Rómbica 80°**




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | □ | iC | P | | | | | | | | M | | | | | | | K | | | | | N | | | S | | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | GC | GC | CT | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | GC | GC | - | GC | GC | GC | GC | - | - | | | |
| | | | | | 1125 | 1515 | 1525 | 4205 | 4215 | 4225 | 4235 | 5015 | 1105 | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | 1125 | 1810 | H10 | 1005 | 1105 | 1115 | 1125 | H10A | H13A | | | |
| Desbaste | CCMT-MR | CCMT 06 02 08-MR | 06 | 1/4 | | | | | | | | | | | | ★ | | ☆ | | | | | | | | | | | | | | | | | CCMT 2(1.5)2-MR |
| | | CCMT 09 T3 08-MR | 09 | 3/8 | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | CCMT 3(2.5)2-MR |
| | | CCMT 09 T3 12-MR | | | | | | | | | | | | | | | ★ | | | | | | | | | | | | | | | | | | CCMT 3(2.5)3-MR |
| | | CCMT 12 04 08-MR | 12 | 1/2 | | | | | | | | | | | | | ★ | ☆ | | | | | | | | | | | | | | | | | CCMT 432-MR |
| | | CCMT 12 04 12-MR | | | | | | | | | | | | | | | ★ | ☆ | | | | | | | | | | | | | | | | | CCMT 433-MR |
| | CCMT-KR | CCMT 06 02 08-KR | 06 | 1/4 | | | | | | | | | | | | | | | | | | | ★ | ☆ | | | | | | | | | | ☆ | CCMT 2(1.5)2-KR |
| | | CCMT 09 T3 08-KR | 09 | 3/8 | | | | | | | | | | | | | | | | | | | ★ | ☆ | | | | | | | | | | ☆ | CCMT 3(2.5)2-KR |
| | | CCMT 09 T3 12-KR | | | | | | | | | | | | | | | | | | | | | ★ | | | | | | | | | | | | CCMT 3(2.5)3-KR |
| | | CCMT 12 04 08-KR | 12 | 1/2 | | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | ☆ | | | | | | | | | | ☆ | CCMT 432-KR |
| | | CCMT 12 04 12-KR | | | | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | ☆ | | | | | | | | | | ☆ | CCMT 433-KR |
| | CCMT-UR | CCMT 06 02 04-UR | 06 | 1/4 | | | | | | ☆ | | | | | | | | | ☆ | | | | | | | | | | | | | | | | | CCMT 2(1.5)1-UR |
| | | CCMT 09 T3 04-UR | 09 | 3/8 | | | | | ☆ | ☆ | ☆ | | | | | | | | ☆ | | | | | | | | | | | | | | | | | CCMT 3(2.5)1-UR |
| | | CCMT 09 T3 08-UR | | | | | | | ☆ | ☆ | ☆ | | | | | | | | ☆ | | | | | | | | | | | | | | | | | CCMT 3(2.5)2-UR |
| | | CCMT 12 04 08-UR | 12 | 1/2 | | | | | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | CCMT 432-UR |
| Aluminio | CCGX-AL | CCGX 06 02 02-AL | 06 | 1/4 | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | | | | | | | | | | CCGX 2(1.5)0-AL |
| | | CCGX 06 02 04-AL | | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | | | | | | | | | | CCGX 2(1.5)1-AL |
| | | CCGX 09 T3 04-AL | 09 | 3/8 | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | | | | | | | | | | CCGX 3(2.5)1-AL |
| | | CCGX 09 T3 08-AL | | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | | | | | | | | | | CCGX 3(2.5)2-AL |
| | | CCGX 12 04 04-AL | 12 | 1/2 | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | | | | | | | | | | CCGX 431-AL |
| | | CCGX 12 04 08-AL | | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | | | | | | | | | | CCGX 432-AL |
| | | | | | P25 | P25 | P15 | P05 | P15 | P25 | P35 | P10 | M15 | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | N25 | N10 | N15 | S15 | S15 | S15 | S25 | S10 | S15 | | | |

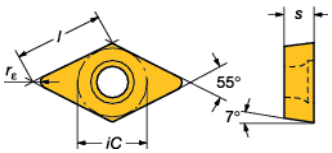
★= Primera elección

Para las dimensiones, ver clave de códigos en la página A16.

A90 A238 A331 I1 A426 A412 A434 A2

# CoroTurn® 107

**Rómbica 55°**




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | | iC | P | | | | | | | M | | | | | | | K | | | | | N | | | S | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | GC | GC | CT | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | GC | GC | - | GC | GC | GC | GC | - | GC | | |
| | | | | | 1125 | 1515 | 1525 | 4205 | 4215 | 4225 | 4235 | 5015 | 1105 | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | 1005 | 1125 | H10 | 1005 | 1105 | 1115 | 1125 | H13A | S05F | | |
| Acabado | DCMX-WF | DCMX 07 02 02-WF | 07 | 1/4 | ★ | | | | | | | ☆ | | | ★ | | | | | | | | | | | | | | | | | | | DCMX 2(1.5)0-WF |
| | | DCMX 07 02 04-WF | | | | ☆ | ☆ | | ★ | | | ☆ | | ☆ | ☆ | ★ | | | | | | | | | | | | | | ★ | ☆ | | | DCMX 2(1.5)1-WF |
| | | DCMX 07 02 08-WF | | | | ☆ | ☆ | | ★ | | | | | ☆ | ☆ | ★ | | | | | | | | | | | | | | ★ | ☆ | | | DCMX 2(1.5)2-WF |
| | | DCMX 11 T3 02-WF | 11 | 3/8 | ★ | | | | | | | ☆ | | | ★ | | | | | | | | | | | | | | | | | | | DCMX 3(2.5)0-WF |
| | | DCMX 11 T3 04-WF | | | | ☆ | ☆ | | ★ | | | ☆ | | ☆ | ☆ | ★ | | | | | | ☆ | ★ | | | | | | | ★ | ☆ | | | DCMX 3(2.5)1-WF |
| | | DCMX 11 T3 08-WF | | | | ☆ | ☆ | | ★ | | | ☆ | | ☆ | ☆ | ★ | | | | ★ | | | | | | | | | | ★ | ☆ | | | DCMX 3(2.5)2-WF |
| | DCMT-PF | DCMT 07 02 02-PF | 07 | 1/4 | | ☆ | | | | ★ | | ☆ | | | | | | | | | | | | | | | | | | | | | | DCMT 2(1.5)0-PF |
| | | DCMT 07 02 04-PF | | | | ☆ | | | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | | | | DCMT 2(1.5)1-PF |
| | | DCMT 11 T3 02-PF | 11 | 3/8 | | ☆ | | | | ★ | | ☆ | | | | | | | | | | | | | | | | | | | | | | DCMT 3(2.5)0-PF |
| | | DCMT 11 T3 04-PF | | | | ☆ | | | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | | | | DCMT 3(2.5)1-PF |
| | | DCMT 11 T3 08-PF | | | | ☆ | | | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | | | | DCMT 3(2.5)2-PF |
| | DCMT-MF | DCMT 07 02 02-MF | 07 | 1/4 | | | | | | | | | | ☆ | ★ | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | | DCMT 2(1.5)0-MF |
| | | DCMT 07 02 04-MF | | | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | ★ | ☆ | ☆ | | | DCMT 2(1.5)1-MF |
| | | DCMT 11 T3 02-MF | 11 | 3/8 | | | | | | | | | | ☆ | ★ | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | | DCMT 3(2.5)0-MF |
| | | DCMT 11 T3 04-MF | | | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | ☆ | ★ | ☆ | ☆ | | | DCMT 3(2.5)1-MF |
| | | DCMT 11 T3 08-MF | | | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | ★ | ☆ | ☆ | | | DCMT 3(2.5)2-MF |
| | DCMT-KF | DCMT 07 02 02-KF | 07 | 1/4 | | | | | | | | | | | | | | | | | | | ★ | | | | | | | | | ☆ | | DCMT 2(1.5)0-KF |
| | | DCMT 07 02 04-KF | | | | | | | | | | | | | | | | | | ☆ | | | ★ | | | | | | | | | ☆ | | DCMT 2(1.5)1-KF |
| | | DCMT 11 T3 02-KF | 11 | 3/8 | | | | | | | | | | | | | | | | | | | ★ | | | | | | | | | ☆ | | DCMT 3(2.5)0-KF |
| | | DCMT 11 T3 04-KF | | | | | | | | | | | | | | | | | | ☆ | | | ★ | | | | | | | | | ☆ | | DCMT 3(2.5)1-KF |
| | DCMT-UF | DCMT 07 02 02-UF | 07 | 1/4 | | ☆ | | | | | | ☆ | | | ☆ | | | | | | | | | | | | | | | | | | | DCMT 2(1.5)0-UF |
| | | DCMT 07 02 04-UF | | | | ☆ | | | | ☆ | | | | | ☆ | | | | | | | | | | | | | | | | | | | | DCMT 2(1.5)1-UF |
| | | DCMT 11 T3 04-UF | 11 | 3/8 | | ☆ | | | | ☆ | | ☆ | | | ☆ | | | | | | | | | | | | | | | | | | | DCMT 3(2.5)1-UF |
| | | DCMT 11 T3 08-UF | | | | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | DCMT 3(2.5)2-UF |
| Medio | DCMX-WM | DCMX 11 T3 04-WM | 11 | 3/8 | | ☆ | ☆ | ☆ | ★ | ☆ | | | | ☆ | | ★ | | | | ★ | | | | | | | | | | ★ | | | | | DCMX 3(2.5)1-WM |
| | | DCMX 11 T3 08-WM | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | ☆ | | ★ | | | | | | ★ | ☆ | | | | | | | ★ | | | | | DCMX 3(2.5)2-WM |
| | DCMT-PM | DCMT 07 02 04-PM | 07 | 1/4 | | ☆ | ☆ | | ☆ | ★ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | DCMT 2(1.5)1-PM |
| | | DCMT 07 02 08-PM | | | | ☆ | ☆ | | ☆ | ★ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | DCMT 2(1.5)2-PM |
| | | DCMT 11 T3 04-PM | 11 | 3/8 | | ☆ | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | DCMT 3(2.5)1-PM |
| | | DCMT 11 T3 08-PM | | | | ☆ | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | DCMT 3(2.5)2-PM |
| | | DCMT 11 T3 12-PM | | | | ☆ | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | DCMT 3(2.5)3-PM |
| | DCMT-MM | DCMT 07 02 04-MM | 07 | 1/4 | | | | | | | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | ☆ | ★ | ☆ | ☆ | | | DCMT 2(1.5)1-MM |
| | | DCMT 07 02 08-MM | | | | | | | | | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | ★ | ☆ | ☆ | | | DCMT 2(1.5)2-MM |
| | | DCMT 11 T3 04-MM | 11 | 3/8 | | | | | | | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | ☆ | ★ | ☆ | ☆ | | | DCMT 3(2.5)1-MM |
| | | DCMT 11 T3 08-MM | | | | | | | | | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | ☆ | ★ | ☆ | ☆ | | | DCMT 3(2.5)2-MM |
| | | DCMT 11 T3 12-MM | | | | | | | | | | | | ☆ | ☆ | | ★ | ☆ | | | | | | | | | | | | | ★ | ☆ | | | DCMT 3(2.5)3-MM |
| | DCMT-KM | DCMT 07 02 04-KM | 07 | 1/4 | | | | | | | | | | | | | | | | ☆ | | | ★ | ☆ | | | | | | | | ☆ | | DCMT 2(1.5)1-KM |
| | | DCMT 07 02 08-KM | | | | | | | | | | | | | | | | | | ☆ | | | ★ | ☆ | | | | | | | | ☆ | | DCMT 2(1.5)2-KM |
| | | DCMT 11 T3 04-KM | 11 | 3/8 | | | | | | | | | | | | | | | | ☆ | | ★ | ☆ | ☆ | | | | | | | | ☆ | | DCMT 3(2.5)1-KM |
| | | DCMT 11 T3 08-KM | | | | | | | | | | | | | | | | | | ☆ | | ★ | ☆ | ☆ | | | | | | | | ☆ | | DCMT 3(2.5)2-KM |
| | | | | | P25 | P25 | P15 | P05 | P15 | P25 | P35 | P10 | M15 | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | N10 | N25 | N15 | S15 | S15 | S15 | S25 | S15 | S05 | | |

★= Primera elección

Para las dimensiones, ver clave de códigos en la página A16.

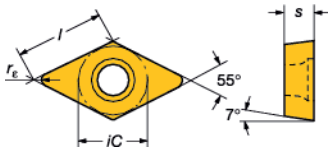
A90 A238 A331 I1 A426 A412 A434 A2



SANDVIK Coromant

# CoroTurn® 107

**Rómbica 55°**




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | ◇ | iC | P | | | | | | | | M | | | | | | | K | | | | | N | | | | S | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | GC | GC | CT | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | GC | GC | GC | - | GC | GC | GC | GC | - | GC | | |
| | | | | | 1125 | 1515 | 1525 | 4205 | 4215 | 4225 | 4235 | 5015 | 1105 | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | 1005 | 1125 | 1810 | H10 | 1005 | 1105 | 1115 | 1125 | H13A | S05F | | |
| Medio | DCET-UM | DCET 07 02 00-UM | 07 | 1/4 | ★ | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | ☆ | | | | ★ | ☆ | | | | | DCET 2(1.5)00-UM |
| | | DCET 07 02 01-UM | | | ★ | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | ☆ | | | | ★ | ☆ | | | | | DCET 2(1.5)03-UM |
| | | DCET 11 T3 01-UM | 11 | 3/8 | ★ | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | ☆ | | | | ★ | ☆ | | | | | DCET 3(2.5)03-UM |
| | | DCET 11 T3 02-UM | | | ★ | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | ☆ | | | | ★ | ☆ | | | | | DCET 3(2.5)0-UM |
| | | DCET 11 T3 04-UM | | | ★ | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | ☆ | | | | ★ | ☆ | | | | | DCET 3(2.5)1-UM |
| | DCGT-UM | DCGT 07 02 01-UM | 07 | 1/4 | | | | | | | | | | ☆ | ☆ | | | | | | | | ☆ | | | | | | ★ | ☆ | ☆ | ☆ | | | DCGT 2(1.5)03-UM |
| | | DCGT 07 02 02-UM | | | | ☆ | | | | | | | | ☆ | ☆ | | | | | | | | ☆ | | | | | | ★ | ☆ | ☆ | ☆ | | | DCGT 2(1.5)0-UM |
| | | DCGT 07 02 04-UM | | | | ☆ | | | | | | ☆ | | ☆ | ☆ | | | ☆ | | | | | ☆ | | | | | | ★ | ☆ | | ☆ | | | DCGT 2(1.5)1-UM |
| | | DCGT 07 02 08-UM | | | | ☆ | | | | | | | | | ☆ | | | | | | | | ☆ | | | | | | | | ★ | ☆ | | | DCGT 2(1.5)2-UM |
| | | DCGT 11 T3 01-UM | 11 | 3/8 | | | | | | | | ☆ | | ☆ | ☆ | | | | | | | | ☆ | | | | | | ★ | ☆ | ☆ | ☆ | | | DCGT 3(2.5)03-UM |
| | | DCGT 11 T3 02-UM | | | | ☆ | | | | | | ☆ | | ☆ | ☆ | | | ☆ | | | | | ☆ | | | | | | ★ | ☆ | ☆ | ☆ | | | DCGT 3(2.5)0-UM |
| | | DCGT 11 T3 04-UM | | | | ☆ | | | | | | ☆ | | ☆ | ☆ | | | ☆ | | | | | ☆ | | | | | ☆ | ★ | ☆ | ☆ | ☆ | ☆ | | DCGT 3(2.5)1-UM |
| | | DCGT 11 T3 08-UM | | | | ☆ | | | | | | ☆ | | ☆ | ☆ | | | | | | | | ☆ | | | | | ☆ | ★ | ☆ | ☆ | ☆ | ☆ | | DCGT 3(2.5)2-UM |
| | DCMW | DCMW 11 T3 04 | 11 | 3/8 | | | | | | | | | | | | | | | | | | | ☆ | | | | | | | | | ☆ | | | DCMW 3(2.5)1 |
| | DCMT-UM | DCMT 07 02 04-UM | 07 | 1/4 | | ☆ | ☆ | | | ☆ | | | | ☆ | ☆ | | | | ☆ | | | | | | | | | | | | ☆ | ☆ | | | DCMT 2(1.5)1-UM |
| | | DCMT 07 02 08-UM | | | | ☆ | | | | ☆ | | | | ☆ | ☆ | | | | ☆ | | | | | | | | | | | | ☆ | ☆ | | | DCMT 2(1.5)2-UM |
| | | DCMT 11 T3 04-UM | 11 | 3/8 | | ☆ | ☆ | | ☆ | ☆ | ☆ | ☆ | | ☆ | ☆ | | ☆ | | ☆ | | | | | | | | | | | | ☆ | ☆ | | | DCMT 3(2.5)1-UM |
| | | DCMT 11 T3 08-UM | | | | ☆ | ☆ | | ☆ | ☆ | ☆ | ☆ | | ☆ | ☆ | | ☆ | | ☆ | | | | | | | | | | | | ☆ | ☆ | | | DCMT 3(2.5)2-UM |
| Desbaste | DCMT-PR | DCMT 11 T3 08-PR | 11 | 3/8 | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | DCMT 3(2.5)2-PR |
| | | DCMT 11 T3 12-PR | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | DCMT 3(2.5)3-PR |
| | DCMT-MR | DCMT 11 T3 08-MR | 11 | 3/8 | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | DCMT 3(2.5)2-MR |
| | | DCMT 11 T3 12-MR | | | | | | | | | | | | | | | ★ | ☆ | | | | | | | | | | | | | | | | | DCMT 3(2.5)3-MR |
| | DCMT-KR | DCMT 11 T3 08-KR | 11 | 3/8 | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | ☆ | | | | | | | | | ★ | | | DCMT 3(2.5)2-KR |
| | | DCMT 11 T3 12-KR | | | | | | | | | | | | | | | | | | | ★ | ☆ | | | | | | | | | | | | | DCMT 3(2.5)3-KR |
| | DCMT-UR | DCMT 11 T3 04-UR | 11 | 3/8 | | | | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | DCMT 3(2.5)1-UR |
| | | DCMT 11 T3 08-UR | | | | | | | ☆ | ☆ | ☆ | | | | | | ☆ | | ☆ | | | | | | | | | | | | | | | | | DCMT 3(2.5)2-UR |
| | | DCMT 11 T3 12-UR | | | | | | | ☆ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | DCMT 3(2.5)3-UR |
| Aluminio | DCGX-AL | DCGX 07 02 02-AL | 07 | 1/4 | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | | | | | | | | DCGX 2(1.5)0-AL |
| | | DCGX 07 02 04-AL | | | | | | | | | | | | | | | | | | | | | | ☆ | | ★ | ☆ | | | | | | | | DCGX 2(1.5)1-AL |
| | | DCGX 11 T3 02-AL | 11 | 3/8 | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | | | | | | | | DCGX 3(2.5)0-AL |
| | | DCGX 11 T3 04-AL | | | | | | | | | | | | | | | | | | | | | | ☆ | | ★ | ☆ | | | | | | | | DCGX 3(2.5)1-AL |
| | | DCGX 11 T3 08-AL | | | | | | | | | | | | | | | | | | | | | | ☆ | | ★ | ☆ | | | | | | | | DCGX 3(2.5)2-AL |
| | | | | | P25 | P25 | P15 | P05 | P15 | P25 | P35 | P10 | M15 | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | N10 | N25 | N10 | N15 | S15 | S15 | S15 | S25 | S15 | S05 | | |

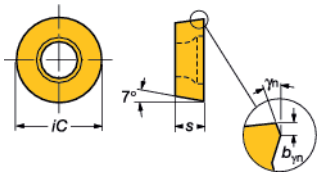
★= Primera elección

Para las dimensiones, ver clave de códigos en la página A16.

A90 A238 A331 I1 A426 A412 A434 A2

# CoroTurn® 107

## Redondas




| iC =iC | bγn mm | bγn Inch | γn |
|---|---|---|---|
| **05-08** | 0.1 | .004 | 0° |
| **10** | 0.1 | .004 | 15° |
| **12** | 0.1 | .004 | 15° |
| **16-25** | 0.1 | .006 | 15° |
| **32** | 0.2 | .008 | 15° |

Para áreas de aplicación ISO, ver final de la tabla.

## Versión métrica

| | | iC | ISO | P | | | | | | M | | | | K | | | N | | S | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | GC | GC | GC | GC | GC | CT | GC | GC | GC | GC | GC | GC | - | GC | - | GC | GC | GC | - | GC | | |
| | | | | 1515 | 4205 | 4215 | 4225 | 4235 | 5015 | 1115 | 1125 | 2025 | 235 | 3210 | 3215 | H13A | 1810 | H10 | 1105 | 1115 | 1125 | H13A | S05F | | |
| Medio | RCMT-SM | 08 | RCMT 08 03 M0-SM | | | | | | | ☆ | ☆ | | | | | ☆ | | | ★ | ☆ | ☆ | ☆ | ☆ | | RCMT 08 03 M0-SM |
| | | 10 | RCMT 10 T3 M0-SM | | | | | | | ☆ | ☆ | | | | | ☆ | | | ★ | ☆ | ☆ | ☆ | ☆ | | RCMT 10 T3 M0-SM |
| | | 12 | RCMT 12 04 M0-SM | | | | | | | ☆ | ☆ | | | | | | | | ★ | ☆ | ☆ | ☆ | ☆ | | RCMT 12 04 M0-SM |
| | | 16 | RCMT 16 06 M0-SM | | | | | | | ☆ | ☆ | | | | | ☆ | | | ★ | ☆ | ☆ | ☆ | ☆ | | RCMT 16 06 M0-SM |
| | RCMT | 05 | RCMT 05 02 M0 | | | | ★ | ☆ | ☆ | ☆ | ☆ | ★ | | | | ★ | | | ★ | ☆ | ☆ | ☆ | ☆ | | RCMT 05 02 M0 |
| | | 06 | RCMT 06 02 M0 | ☆ | | ☆ | ★ | ☆ | ☆ | ☆ | ☆ | ★ | ☆ | | | ★ | | | ★ | ☆ | ☆ | ☆ | ☆ | | RCMT 06 02 M0 |
| | | 08 | RCMT 08 03 M0 | ☆ | | ☆ | ★ | ☆ | ☆ | | | ★ | ☆ | ★ | ☆ | ☆ | | | | | | ★ | | | RCMT 08 03 M0 |
| | | 10 | RCMT 10 T3 M0 | ☆ | ☆ | ☆ | ★ | ☆ | | | | ★ | ☆ | ★ | ☆ | ☆ | | | | | | ★ | | | RCMT 10 T3 M0 |
| | | 12 | RCMT 12 04 M0[1] | ☆ | ☆ | ☆ | ★ | ☆ | | | | ★ | ☆ | ★ | ☆ | ☆ | | | | | | ★ | | | RCMT 12 04 M0[1] |
| | | 16 | RCMT 16 06 M0[1] | | ☆ | ☆ | ★ | ☆ | | | | ★ | ☆ | ★ | ☆ | ☆ | | | | | | ★ | | | RCMT 16 06 M0[1] |
| | | 20 | RCMT 20 06 M0[1] | | ☆ | ☆ | ★ | ☆ | | | | ★ | ☆ | ★ | ☆ | ☆ | | | | | | ★ | | | RCMT 20 06 M0[1] |
| | | 25 | RCMT 25 07 M0[1] | | ☆ | ☆ | ★ | ☆ | | | | | ★ | | | ★ | | | | | | ★ | | | RCMT 25 07 M0[1] |
| | | 32 | RCMT 32 09 M0[1] | | ☆ | ☆ | ★ | ☆ | | | | | ★ | | | ★ | | | | | | ★ | | | RCMT 32 09 M0[1] |
| Aluminio | RCGX-AL | 06 | RCGX 06 02 M0-AL | | | | | | | | | | | | | | | ★ | | | | | | | RCGX 06 02 M0-AL |
| | | 08 | RCGX 08 03 M0-AL | | | | | | | | | | | | | | ★ | ☆ | | | | | | | RCGX 08 03 M0-AL |
| | | 10 | RCGX 10 T3 M0-AL | | | | | | | | | | | | | | ★ | ☆ | | | | | | | RCGX 10 T3 M0-AL |
| | | | | P25 | P05 | P15 | P25 | P35 | P10 | M15 | M25 | M25 | M35 | K10 | K15 | K20 | N10 | N15 | S15 | S15 | S25 | S15 | S05 | | |

## Versión en pulgadas

| | iC | ANSI | P | | | | | M | | | | K | S | | | | | ISO |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | GC | GC | - | GC | | |
| | | | 1515 | 4205 | 4215 | 4225 | 4235 | 1115 | 1125 | 2025 | 235 | H13A | 1115 | 1125 | H13A | S05F | | |
| RCMT-SM | 1/4 | RCMT 22-SM | | | | | | ☆ | ☆ | | | ☆ | ☆ | ☆ | ☆ | ★ | | RCMT 06 03 00-SM |
| | 3/8 | RCMT 3(2.5)-SM | | | | | | ☆ | ☆ | | | ☆ | ☆ | ☆ | ☆ | ★ | | RCMT 09 T3 00-SM |
| | 1/2 | RCMT 43-SM | | | | | | ☆ | ☆ | | | ☆ | ☆ | ☆ | ☆ | ★ | | RCMT 12 04 00-SM |
| RCMT | 3/8 | RCMT 3(2.5)M0 | | | | ★ | ☆ | | | ★ | | ★ | | | ★ | | | RCMT 09 T3 00-M0 |
| | 1/2 | RCMT 43 M0 | | | | ★ | ☆ | | | | | ★ | | | ★ | | | RCMT 12 04 00-M0 |
| | 1/4 | RCMT 22 | ☆ | | ☆ | ★ | ☆ | | | | ★ | ★ | | | ★ | | | RCMT 06 03 00 |
| | 3/8 | RCMT 3(2.5) | ☆ | | ☆ | ★ | ☆ | | | | ★ | ★ | | | ★ | | | RCMT 09 T3 00 |
| | 1/2 | RCMT 43 | ☆ | ☆ | ☆ | ★ | ☆ | | | | ★ | ★ | | | ★ | | | RCMT 12 04 00 |
| | 3/4 | RCMT 64 | | ☆ | ☆ | ★ | | | | | | ★ | | | ★ | | | RCMT 19 06 00 |
| | | | P25 | P05 | P15 | P25 | P35 | M15 | M25 | M25 | M35 | K20 | S15 | S25 | S15 | S05 | | |

[1] Las plaquitas se adaptan a los mangos CoroTurn® 107 y T-Max P.

★= Primera elección

Para las dimensiones, ver clave de códigos en la página A16.

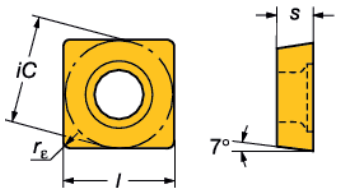
A90 A238 A331 I1 A426 A412 A434 A2



SANDVIK Coromant

# CoroTurn® 107

## Cuadradas




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | ± □ | iC | P | | | | | | | M | | | | | | K | | | | | N | S | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | GC | CT | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | - | GC | GC | GC | GC | - | |
| | | | | | 1515 | 1525 | 4205 | 4215 | 4225 | 4235 | 5015 | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | H10 | 1005 | 1105 | 1115 | 1125 | H13A | |
| Acabado | SCMT-PF | SCMT 09 T3 04-PF | 09 | 3/8 | ☆ | | | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | SCMT 3(2.5)1-PF |
| | | SCMT 09 T3 08-PF | | | ☆ | | | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | SCMT 3(2.5)2-PF |
| | SCMT-MF | SCMT 09 T3 04-MF | 09 | 3/8 | | | | | | | | ☆ | ☆ | | ★ | | | | | | | | | | ★ | ☆ | | | SCMT 3(2.5)1-MF |
| | | SCMT 09 T3 08-MF | | | | | | | | | | ☆ | ☆ | | ★ | | | | | | | | | | ★ | ☆ | | | SCMT 3(2.5)2-MF |
| | SCMT-KF | SCMT 09 T3 04-KF | 09 | 3/8 | | | | | | | | | | | | | | ★ | | | | | | | | | | | SCMT 3(2.5)1-KF |
| | | SCMT 09 T3 08-KF | | | | | | | | | | | | | | | | ★ | | | | | | | | | | | SCMT 3(2.5)2-KF |
| | SCMT-UF | SCMT 09 T3 08-UF | 09 | 3/8 | | | | | ☆ | | | | | | | | | | | | | | | | | | | | SCMT 3(2.5)2-UF |
| Medio | SCMT-PM | SCMT 09 T3 04-PM | 09 | 3/8 | ☆ | ☆ | | ☆ | ★ | ☆ | ☆ | | | | | | | | | | | | | | | | | | SCMT 3(2.5)1-PM |
| | | SCMT 09 T3 08-PM | | | ☆ | ☆ | | ☆ | ★ | ☆ | ☆ | | | | | | | | | | | | | | | | | | SCMT 3(2.5)2-PM |
| | | SCMT 12 04 04-PM | 12 | 1/2 | ☆ | ☆ | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | SCMT 431-PM |
| | | SCMT 12 04 08-PM | | | ☆ | ☆ | | ☆ | ★ | ☆ | ☆ | | | | | | | | | | | | | | | | | | SCMT 432-PM |
| | | SCMT 12 04 12-PM | | | ☆ | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | SCMT 433-PM |
| | SCMT-MM | SCMT 09 T3 04-MM | 09 | 3/8 | | | | | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | ☆ | ★ | ☆ | ☆ | | SCMT 3(2.5)1-MM |
| | | SCMT 09 T3 08-MM | | | | | | | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | ☆ | ★ | ☆ | ☆ | | SCMT 3(2.5)2-MM |
| | | SCMT 12 04 04-MM | 12 | 1/2 | | | | | | | | ☆ | ☆ | | ★ | ☆ | | | | | | | | | | ★ | ☆ | | SCMT 431-MM |
| | | SCMT 12 04 08-MM | | | | | | | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | ★ | ☆ | | SCMT 432-MM |
| | | SCMT 12 04 12-MM | | | | | | | | | | | ☆ | | ★ | ☆ | | | | | | | | | | | ★ | | SCMT 433-MM |
| | SCMT-KM | SCMT 09 T3 04-KM | 09 | 3/8 | | | | | | | | | | | | | | ☆ | | | ★ | ☆ | | | | | | ☆ | SCMT 3(2.5)1-KM |
| | | SCMT 09 T3 08-KM | | | | | | | | | | | | | | | | ☆ | | | ★ | ☆ | | | | | | ☆ | SCMT 3(2.5)2-KM |
| | | SCMT 12 04 08-KM | 12 | 1/2 | | | | | | | | | | | | | | | | | | ★ | | | | | | ☆ | SCMT 432-KM |
| | | | | | P25 | P15 | P05 | P15 | P25 | P35 | P10 | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | N15 | S15 | S15 | S15 | S25 | S15 | |

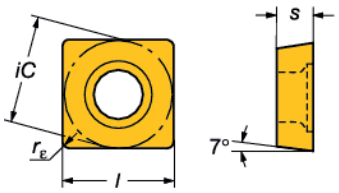
★= Primera elección

Para las dimensiones, ver clave de códigos en la página A16.

A90 A238 A331 I1 A426 A412 A434 A2

# CoroTurn® 107

## Cuadradas




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | ↕□ | iC | P | | | | | | M | | | | | | K | | | | | N | S | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | - | GC | GC | GC | GC | - | |
| | | | | | 1515 | 1525 | 4205 | 4215 | 4225 | 4235 | 5015 | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | H10 | 1005 | 1105 | 1115 | 1125 | H13A | |
| Medio | SCMW | SCMW 09 T3 04 | 09 | 3/8 | | | | | | | | | | | | | | | | | ☆ | | | | | | ☆ | SCMW 3(2.5)1 |
| | | SCMW 09 T3 08 | | | | | | | | | ☆ | | | | | ☆ | | | | | ☆ | | | | | | ☆ | SCMW 3(2.5)2 |
| | | SCMW 12 04 08 | 12 | 1/2 | | | | | | | ☆ | | | | | | | | | | ☆ | | | | | | ☆ | SCMW 432 |
| | SCMT-UM | SCMT 09 T3 08-UM | 09 | 3/8 | ☆ | | | | ☆ | | | ☆ | ☆ | | ☆ | | ☆ | | | | | | | | ☆ | ☆ | | SCMT 3(2.5)2-UM |
| | | SCMT 12 04 08-UM | 12 | 1/2 | | | | | ☆ | | | | | | ☆ | | | | | | | | | | | | | SCMT 432-UM |
| | | SCMT 12 04 12-UM | | | | | | | ☆ | | | | | | | | | | | | | | | | | | | SCMT 433-UM |
| Desbaste | SCMT-PR | SCMT 09 T3 08-PR | 09 | 3/8 | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | SCMT 3(2.5)2-PR |
| | | SCMT 09 T3 12-PR | | | | | | | ★ | ☆ | | | | | | | | | | | | | | | | | | SCMT 3(2.5)3-PR |
| | | SCMT 12 04 08-PR | 12 | 1/2 | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | SCMT 432-PR |
| | | SCMT 12 04 12-PR | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | SCMT 433-PR |
| | SCMT-MR | SCMT 09 T3 08-MR | 09 | 3/8 | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | SCMT 3(2.5)2-MR |
| | | SCMT 09 T3 12-MR | | | | | | | | | | | | | | ★ | | | | | | | | | | | | SCMT 3(2.5)3-MR |
| | | SCMT 12 04 08-MR | 12 | 1/2 | | | | | | | | | | | ★ | ☆ | | | | | | | | | | | | SCMT 432-MR |
| | | SCMT 12 04 12-MR | | | | | | | | | | | | | ★ | ☆ | | | | | | | | | | | | SCMT 433-MR |
| | SCMT-KR | SCMT 09 T3 08-KR | 09 | 3/8 | | | | | | | | | | | | | | | | | ★ | ☆ | | | | | ☆ | SCMT 3(2.5)2-KR |
| | | SCMT 09 T3 12-KR | | | | | | | | | | | | | | | | | | | ★ | | | | | | | SCMT 3(2.5)3-KR |
| | | SCMT 12 04 08-KR | 12 | 1/2 | | | | | | | | | | | | | | | ☆ | ★ | ☆ | ☆ | | | | | ☆ | SCMT 432-KR |
| | | SCMT 12 04 12-KR | | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | ☆ | | | | | ☆ | SCMT 433-KR |
| | SCMT-UR | SCMT 09 T3 08-UR | 09 | 3/8 | | | | ☆ | ☆ | ☆ | | | | | | | ☆ | | | | | | | | | | | SCMT 3(2.5)2-UR |
| | | SCMT 12 04 04-UR | 12 | 1/2 | | | | | ☆ | | | | | | | | | | | | | | | | | | | SCMT 431-UR |
| | | SCMT 12 04 08-UR | | | | | | | ☆ | | | | | | | | ☆ | | | | | | | | | | | SCMT 432-UR |
| Aluminio | SCGX-AL | SCGX 09 T3 08-AL | 09 | 3/8 | | | | | | | | | | | | | | | | | | ★ | | | | | | SCGX 3(2.5)2-AL |
| | | | | | P25 | P15 | P05 | P15 | P25 | P35 | P10 | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | N15 | S15 | S15 | S15 | S25 | S15 | |

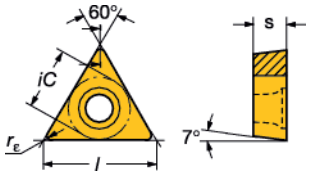
★= Primera elección

Para las dimensiones, ver clave de códigos en la página A16.

A90 A238 A331 I1 A426 A412 A434 A2

# CoroTurn® 107

## Triangulares




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | △ | iC | P | | | | | | | | | M | | | | | | K | | | | | N | | S | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | GC | GC | GC | CT | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | GC | - | GC | GC | GC | GC | - | - | |
| | | | | | 1125 | 1515 | 1525 | 235 | 4205 | 4215 | 4225 | 4235 | 5015 | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | 1125 | H10 | 1005 | 1105 | 1115 | 1125 | H10A | H13A | |
| Acabado | TCMX-WF | TCMX 09 02 02-WF | 09 | 7/32 | ★ | | | | | | | | ☆ | | ★ | | | | | | | | | | | | | | | | | | TCMX 1.8(1.5)0-WF |
| | | TCMX 09 02 04-WF | | | | ☆ | ☆ | | | ★ | | | ☆ | ☆ | | ★ | | | | ☆ | | | ★ | | | | | | ★ | | | | TCMX 1.8(1.5)1-WF |
| | | TCMX 09 02 08-WF | | | | ★ | | | | | | | | ★ | | | | | | | | | ★ | | | | | | ★ | | | | TCMX 1.8(1.5)2-WF |
| | | TCMX 11 03 02-WF | 11 | 1/4 | ★ | | | | | | | | ☆ | | ★ | | | | | | | | | | | | | | | | | | TCMX 220-WF |
| | | TCMX 11 03 04-WF | | | | ☆ | ☆ | | | ★ | | | ☆ | ☆ | ☆ | ★ | | | | ☆ | | | ★ | | | | | | ★ | ☆ | | | TCMX 221-WF |
| | | TCMX 11 03 08-WF | | | | ☆ | ☆ | | | ★ | | | ☆ | ☆ | ☆ | ★ | | | | ★ | | | | | | | | | ★ | ☆ | | | TCMX 222-WF |
| | | TCMX 16 T3 04-WF | 16 | 3/8 | | ☆ | | | | | | | ★ | ★ | | | | | | | | | ★ | | | | | | ★ | | | | TCMX 3(2.5)1-WF |
| | | TCMX 16 T3 08-WF | | | | ☆ | ☆ | | | ★ | | | ☆ | ☆ | | ★ | | | | | | | | | | | | | ★ | | | | TCMX 3(2.5)2-WF |
| | TCMT-PF | TCMT 06 T1 02-PF | 06 | 5/32 | | ☆ | | | | | ★ | | ☆ | | | | | | | | | | | | | | | | | | | | TCMT 1.2(1.2)0-PF |
| | | TCMT 06 T1 04-PF | | | | ☆ | | | | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | | TCMT 1.2(1.2)1-PF |
| | | TCMT 06 T1 08-PF | | | | ☆ | | | | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | | TCMT 1.2(1.2)2-PF |
| | | TCMT 09 02 02-PF | 09 | 7/32 | | ☆ | | | | | ★ | | ☆ | | | | | | | | | | | | | | | | | | | | TCMT 1.8(1.5)0-PF |
| | | TCMT 09 02 04-PF | | | | ☆ | | | | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | | TCMT 1.8(1.5)1-PF |
| | | TCMT 11 03 02-PF | 11 | 1/4 | | ☆ | | | | | ★ | | ☆ | | | | | | | | | | | | | | | | | | | | TCMT 220-PF |
| | | TCMT 11 03 04-PF | | | | ☆ | | | | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | | TCMT 221-PF |
| | | TCMT 11 03 08-PF | | | | ☆ | | | | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | | TCMT 222-PF |
| | | TCMT 16 T3 04-PF | 16 | 3/8 | | ☆ | | | | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | | TCMT 3(2.5)1-PF |
| | TCMT-MF | TCMT 06 T1 02-MF | 06 | 5/32 | | | | | | | | | | ☆ | ★ | | | | | | | | | | | | | ★ | ☆ | ☆ | | | | TCMT 1.2(1.2)0-MF |
| | | TCMT 06 T1 04-MF | | | | | | | | | | | | ☆ | ☆ | ★ | | | | | | | | | | | | ★ | ☆ | ☆ | | | | TCMT 1.2(1.2)1-MF |
| | | TCMT 06 T1 08-MF | | | | | | | | | | | | ☆ | ☆ | ★ | | | | | | | | | | | | | ★ | ☆ | | | | TCMT 1.2(1.2)2-MF |
| | | TCMT 09 02 02-MF | 09 | 7/32 | | | | | | | | | | ☆ | ★ | | | | | | | | | | | | | ★ | ☆ | ☆ | | | | TCMT 1.8(1.5)0-MF |
| | | TCMT 09 02 04-MF | | | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | ★ | ☆ | ☆ | | | | TCMT 1.8(1.5)1-MF |
| | | TCMT 11 03 02-MF | 11 | 1/4 | | | | | | | | | | ☆ | ★ | | | | | | | | | | | | | ★ | ☆ | ☆ | | | | TCMT 220-MF |
| | | TCMT 11 03 04-MF | | | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | ★ | ☆ | ☆ | | | | TCMT 221-MF |
| | | TCMT 11 03 08-MF | | | | | | | | | | | | ☆ | ☆ | ★ | | | | | | | | | | | | | ★ | ☆ | | | | TCMT 222-MF |
| | | TCMT 16 T3 04-MF | 16 | 3/8 | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | ★ | ☆ | | | | TCMT 3(2.5)1-MF |
| | TCMT-KF | TCMT 06 T1 02-KF | 06 | 5/32 | | | | | | | | | | | | | | | | | | | | ★ | | | | | | | | ☆ | TCMT 1.2(1.2)0-KF |
| | | TCMT 06 T1 04-KF | | | | | | | | | | | | | | | | | | ☆ | | | ★ | ☆ | | | | | | | | ☆ | TCMT 1.2(1.2)1-KF |
| | | TCMT 06 T1 08-KF | | | | | | | | | | | | | | | | | | | | | | ★ | | | | | | | | ☆ | TCMT 1.2(1.2)2-KF |
| | | TCMT 09 02 02-KF | 09 | 7/32 | | | | | | | | | | | | | | | | | | | | ★ | | | | | | | | ☆ | TCMT 1.8(1.5)0-KF |
| | | TCMT 09 02 04-KF | | | | | | | | | | | | | | | | | | ☆ | | | | ★ | | | | | | | | ☆ | TCMT 1.8(1.5)1-KF |
| | | TCMT 11 03 02-KF | 11 | 1/4 | | | | | | | | | | | | | | | | | | | | ★ | | | | | | | | ☆ | TCMT 220-KF |
| | | TCMT 11 03 04-KF | | | | | | | | | | | | | | | | | | ☆ | | | | ★ | | | | | | | | ☆ | TCMT 221-KF |
| | | TCMT 16 T3 04-KF | 16 | 3/8 | | | | | | | | | | | | | | | | ☆ | | | | ★ | | | | | | | | | TCMT 3(2.5)1-KF |
| | TCEX | TCEX 05 01 00R/L-F | 05 | 1/8 | ★ | | | | | | | | | | ★ | | | | | | | | | | ★ | | | | | | | | | TCEX 1(1)00R/L-F |
| | | TCEX 05 01 01R/L-F | | | ★ | | | | | | | | | | ★ | | | | | | | | | | ★ | | | | | | | | | TCEX 1(1)03R/L-F |
| | | TCEX 06 T1 00R/L-F | 06 | 5/32 | ★ | | | | | | | | | | ★ | | | | | | | | | | ★ | | | | | | | | | TCEX 1.2(1.2)00R/L-F |
| | | TCEX 06 T1 01R/L-F | | | ★ | | | | | | | | | | ★ | | | | | | | | | | ★ | | | | | | | | | TCEX 1.2(1.2)03R/L-F |
| | | TCEX 06 T1 02L-F | | | ★ | | | | | | | | | | ★ | | | | | | | | | | ★ | | | | | | | | | TCEX 1.2(1.2)0L-F |
| | | TCEX 09 02 00R/L-F | 09 | 7/32 | ☆ | | | | | | | | ★ | | ★ | | | | | | | | | | ★ | | | | | | | | | TCEX 1.8(1.5)00R/L-F |
| | | TCEX 09 02 01R/L-F | | | ☆ | | | | | | | | ★ | | ★ | | | | | | | | | | ★ | | | | | | | | | TCEX 1.8(1.5)03R/L-F |
| | | TCEX 09 02 02L-F | | | ☆ | | | | | | | | ★ | | ★ | | | | | | | | | | ★ | | | | | | | | | TCEX 1.8(1.5)0L-F |
| | | TCEX 11 03 00R/L-F | 11 | 1/4 | ☆ | | | | | | | | ★ | | ★ | | | | | | | | | | ★ | | | | | | | | | TCEX 22(00)R/L-F |
| | | TCEX 11 03 01R/L-F | | | ☆ | | | | | | | | ★ | | ★ | | | | | | | | | | ★ | | | | | | | | | TCEX 22(03)R/L-F |
| | | TCEX 11 03 02L-F | | | ☆ | | | | | | | | ★ | | ★ | | | | | | | | | | ★ | | | | | | | | | TCEX 220L-F |
| | | | | | P25 | P25 | P15 | P45 | P05 | P15 | P25 | P35 | P10 | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | N25 | N15 | S15 | S15 | S15 | S25 | S10 | S15 | |

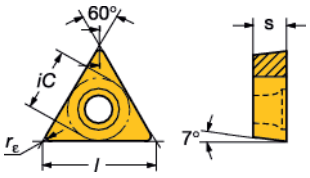
Para las dimensiones, ver clave de códigos en la página A16.

★= Primera elección
R = A Derecha, L = A Izquierda

A90 A238 A331 I1 A426 A412 A434 A2

# CoroTurn® 107

## Triangulares




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | △ | iC | P | | | | | | | | | | M | | | | | | | | | | K | | | | | | | | | | N | | | | S | | | | | | | | | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | GC | GC | GC | GC | CT | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | GC | GC | GC | GC | - | GC | - | GC | - | GC | GC | GC | GC | GC | - | - | GC | GC | GC | GC | GC | - | - | | | | | | | |
| | | | | | 1125 | 1515 | 1525 | 235 | 4205 | 4215 | 4225 | 4235 | 5015 | | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | 1125 | H10 | 1005 | 1105 | 1115 | 1125 | H10A | H13A | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | P25 | P25 | P15 | P45 | P05 | P15 | P25 | P35 | P10 | | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | N25 | N15 | S15 | S15 | S15 | S25 | S10 | S15 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Acabado | TCGX-WK | TCGX 06 T1 04R/L-WK | 06 | 5/32 | | ★ | | | | | | | ☆ | | ☆ | ★ | | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | | | | | | | | | | | | | TCGX 1.2(1.2)1R/L-WK |
| | | TCGX 09 02 04R/L-WK | 09 | 7/32 | | ★ | | | | | | | ☆ | | ☆ | ★ | | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | | | | | | | | | | | | | TCGX 1.8(1.5)1R/L-WK |
| | | TCGX 11 02 04R/L-WK | 11 | 1/4 | | | | | | | | | ★ | | | ★ | | | | | | | | | | | | | | | | | | | | | | | | ★ | | | | | | | | | | | | TCGX 2(1.5)1R/L-WK |
| | | TCGX 11 03 04R/L-WK | 11 | 1/4 | | ★ | | | | | | | ☆ | | ☆ | ★ | | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | | | | | | | | | | | | | TCGX 221R/L-WK |
| | | TCGX 11 03 04R-WK | | | | ★ | | | | | | | | | ☆ | ★ | | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | | | | | | | | | | | | | TCGX 221R-WK |
| | TCGT-K | TCGT 06 T1 02L-K | 06 | 5/32 | | ☆ | | | | | | | | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | ☆ | ☆ | | | | | | | | | | | | | TCGT 1.2(1.2)0L-K |
| | | TCGT 06 T1 04L-K | | | | ☆ | | | | | | | | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | ☆ | ☆ | | | | | | | | | | | | | TCGT 1.2(1.2)1L-K |
| | | TCGT 09 02 02L-K | 09 | 7/32 | | ☆ | ☆ | | | | | | ☆ | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | ☆ | ☆ | | | | | | | | | | | | | TCGT 1.8(1.5)0L-K |
| | | TCGT 09 02 02R-K | | | | ☆ | | | | | | | | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | ☆ | ☆ | | | | | | | | | | | | | TCGT 1.8(1.5)0R-K |
| | | TCGT 09 02 04L-K | | | | ☆ | ☆ | | | | | | ☆ | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | ☆ | ☆ | | | | | | | | | | | | | TCGT 1.8(1.5)1L-K |
| | | TCGT 09 02 04R-K | | | | ☆ | | | | | | | | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | ☆ | ☆ | | | | | | | | | | | | | TCGT 1.8(1.5)1R-K |
| | | TCGT 11 02 02L-K | 11 | 1/4 | | | ☆ | | | | | | ☆ | | | ☆ | | | | | | | | | | | | | | | | | | | | | | | | ☆ | | | | | | | | | | | | TCGT 2(1.5)0L-K |
| | | TCGT 11 02 02R-K | | | | | | | | | | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | | | | ☆ | | | | | | | | | | | | TCGT 2(1.5)0R-K |
| | | TCGT 11 02 04L-K | | | | | ☆ | | | | | | ☆ | | | ☆ | | | | | | | | | | | | | | | | | | | | | | | | ☆ | | | | | | | | | | | | TCGT 2(1.5)1L-K |
| | | TCGT 11 02 04R-K | | | | | | | | | | | | | | ☆ | | | | | | | | | ☆ | | | | | | | | | | | | | | | ☆ | | | | | | | | | | | | TCGT 2(1.5)1R-K |
| | | TCGT 11 03 02L-K | | | | ☆ | | | | | | | | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | ☆ | ☆ | | | | | | | | | | | | | TCGT 220L-K |
| | | TCGT 11 03 04L-K | | | | ☆ | | | | | | | | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | ☆ | ☆ | | | | | | | | | | | | | TCGT 221L-K |
| | TCMT-UF | TCMT 06 T1 02-UF | 06 | 5/32 | | | | | | | | | | | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TCMT 1.2(1.2)0-UF |
| | | TCMT 06 T1 04-UF | | | | | | | | | ☆ | | | | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TCMT 1.2(1.2)1-UF |
| | | TCMT 09 02 04-UF | 09 | 7/32 | | | | | | | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TCMT 1.8(1.5)1-UF |
| | | TCMT 09 02 08-UF | | | | | | | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TCMT 1.8(1.5)2-UF |
| | | TCMT 11 02 02-UF | 11 | 1/4 | | | | | | ☆ | ☆ | ☆ | | | | ☆ | | | | ☆ | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TCMT 2(1.5)0-UF |
| | | TCMT 11 02 04-UF | | | | | | | | ☆ | ☆ | ☆ | ☆ | | | ☆ | | | | ☆ | | | | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TCMT 2(1.5)1-UF |
| | | TCMT 11 02 08-UF | | | | | | | | ☆ | ☆ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TCMT 2(1.5)2-UF |
| | | TCMT 16 T3 08-UF | 16 | 3/8 | | | | | | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TCMT 3(2.5)2-UF |
| Medio | TCMX-WM | TCMX 11 03 04-WM | 11 | 1/4 | | ☆ | | | | ★ | | | | | ★ | | | | | | | | | | | | | | | | | | | | | | | | | ★ | | | | | | | | | | | | | | TCMX 221-WM |
| | | TCMX 11 03 08-WM | | | | | | | | ★ | ☆ | | | | | | | | | | | | | ★ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TCMX 222-WM |
| | | TCMX 16 T3 08-WM | 16 | 3/8 | | | ☆ | | ☆ | ★ | ☆ | | | | | | | | | | | | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TCMX 3(2.5)2-WM |
| | TCMT-PM | TCMT 09 02 04-PM | 09 | 7/32 | | ☆ | ☆ | | | ☆ | ★ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TCMT 1.8(1.5)1-PM |
| | | TCMT 09 02 08-PM | | | | ☆ | ☆ | | | ☆ | ★ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TCMT 1.8(1.5)2-PM |
| | | TCMT 11 03 04-PM | 11 | 1/4 | | ☆ | ☆ | | | ☆ | ★ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TCMT 221-PM |
| | | TCMT 11 03 08-PM | | | | ☆ | ☆ | | | ☆ | ★ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TCMT 222-PM |
| | | TCMT 11 03 12-PM | | | | | | | | | ★ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TCMT 223-PM |
| | | TCMT 16 T3 04-PM | 16 | 3/8 | | ☆ | ☆ | | | ☆ | ★ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TCMT 3(2.5)1-PM |
| | | TCMT 16 T3 08-PM | | | | ☆ | ☆ | | ☆ | ☆ | ★ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TCMT 3(2.5)2-PM |
| | | TCMT 16 T3 12-PM | | | | ☆ | | | | ☆ | ★ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TCMT 3(2.5)3-PM |
| | | TCMT 22 04 08-PM | 22 | 1/2 | | | | | | | | ★ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TCMT 432-PM |
| | TCMT-MM | TCMT 09 02 04-MM | 09 | 7/32 | | | | | | | | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | | | | | | | | | | | | | TCMT 1.8(1.5)1-MM |
| | | TCMT 09 02 08-MM | | | | | | | | | | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | | | | | | | | | | | | | TCMT 1.8(1.5)2-MM |
| | | TCMT 11 03 04-MM | 11 | 1/4 | | | | | | | | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | | | | | | | | | | | TCMT 221-MM |
| | | TCMT 11 03 08-MM | | | | | | | | | | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | | | | | | | | | | | TCMT 222-MM |
| | | TCMT 16 T3 04-MM | 16 | 3/8 | | | | | | | | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | | | | | | | | | | | TCMT 3(2.5)1-MM |
| | | TCMT 16 T3 08-MM | | | | | | | | | | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | ☆ | | | | | | | | | | | TCMT 3(2.5)2-MM |
| | | TCMT 16 T3 12-MM | | | | | | | | | | | | | ☆ | ☆ | | ★ | | | | | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | | | | | | | | | | | TCMT 3(2.5)3-MM |
| | | TCMT 22 04 08-MM | 22 | 1/2 | | | | | | | | | | | | | | | ★ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TCMT 432-MM |
| | TCMT-KM | TCMT 09 02 04-KM | 09 | 7/32 | | | | | | | | | | | | | | | | | ☆ | | | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ☆ | TCMT 1.8(1.5)1-KM |
| | | TCMT 09 02 08-KM | | | | | | | | | | | | | | | | | | | ☆ | | | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ☆ | TCMT 1.8(1.5)2-KM |
| | | TCMT 11 03 04-KM | 11 | 1/4 | | | | | | | | | | | | | | | | | ☆ | | | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ☆ | TCMT 221-KM |
| | | TCMT 11 03 08-KM | | | | | | | | | | | | | | | | | | | ☆ | | | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ☆ | TCMT 222-KM |
| | | TCMT 16 T3 04-KM | 16 | 3/8 | | | | | | | | | | | | | | | | | ☆ | | ★ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ☆ | TCMT 3(2.5)1-KM |
| | | TCMT 16 T3 08-KM | | | | | | | | | | | | | | | | | | | ☆ | | ★ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ☆ | TCMT 3(2.5)2-KM |
| | | TCMT 16 T3 12-KM | | | | | | | | | | | | | | | | | | | | | | ★ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ☆ | TCMT 3(2.5)3-KM |
| | | TCMT 22 04 08-KM | 22 | 1/2 | | | | | | | | | | | | | | | | | | | | ★ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ☆ | TCMT 432-KM |

★= Primera elección

Para las dimensiones, ver clave de códigos en la página A16.

R = A Derecha, L = A Izquierda

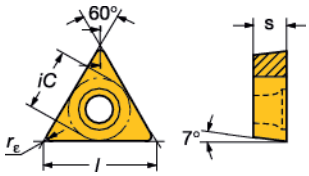
A90 A238 A331 I1 A426 A412 A434 A2



SANDVIK Coromant

# CoroTurn® 107

## Triangulares




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | | iC | P | | | | | | | | | M | | | | | | K | | | | | N | | | S | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | GC | GC | GC | CT | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | GC | GC | - | GC | GC | GC | GC | - | - | |
| | | | | | 1125 | 1515 | 1525 | 235 | 4205 | 4215 | 4225 | 4235 | 5015 | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | 1125 | 1810 | H10 | 1005 | 1105 | 1115 | 1125 | H10A | H13A | |
| Medio | TCGT-UM | TCGT 09 02 04-UM | 09 | 7/32 | | | | | | | | | ☆ | | | | | | | | | | | | | | | | | | ★ | | TCGT 1.8(1.5)1-UM |
| | | TCGT 11 02 01-UM | 11 | 1/4 | | | | | | | | | ☆ | | ☆ | | | | | | | | ☆ | | | | | | | ★ | | ☆ | TCGT 2(1.5)03-UM |
| | | TCGT 11 02 02-UM | | | | | | | | | | | ☆ | | ☆ | | | | | | | | ☆ | | | | | | | ★ | | ☆ | TCGT 2(1.5)0-UM |
| | | TCGT 11 02 04-UM | | | | | | | | | | | ☆ | | ☆ | | | | | | | | ☆ | | | | | | | ★ | | ☆ | TCGT 2(1.5)1-UM |
| | | TCGT 11 02 08-UM | | | | | | | | | | | ☆ | | ☆ | | | ☆ | | | | | ☆ | | | | | | | ★ | | ☆ | TCGT 2(1.5)2-UM |
| | | TCGT 11 03 01-UM | 11 | 1/4 | | | | | | | | | ☆ | | ☆ | | | | | | | | | | | | | | | ★ | | | TCGT 22(03)-UM |
| | | TCGT 11 03 02-UM | | | | ☆ | | | | | | | ☆ | ☆ | ☆ | | | | | | | | | | | | | | | ★ | ☆ | | TCGT 220-UM |
| | | TCGT 11 03 04-UM | | | | ☆ | | | | | | | ☆ | ☆ | ☆ | | | | | | | | | | | | | | | ★ | ☆ | | TCGT 221-UM |
| | | TCGT 11 03 08-UM | | | | ☆ | | | | | | | ☆ | ☆ | ☆ | | | | | | | | | | | | | | | ★ | ☆ | | TCGT 222-UM |
| | | TCGT 16 T3 04-UM | 16 | 3/8 | | | | | | | | | ☆ | | | | | | | | | | | | | | | ☆ | ★ | | | ☆ | | TCGT 3(2.5)1-UM |
| | | TCGT 16 T3 08-UM | | | | | | | | | | | | | | | | | | | | | | | | | | | ★ | | | | TCGT 3(2.5)2-UM |
| | TCMW | TCMW 11 02 04 | 11 | 1/4 | | | | | | | | | ☆ | | | | | | | | | | ☆ | | | ☆ | | | | | | ☆ | TCMW 2(1.5)1 |
| | | TCMW 11 03 04 | 11 | 1/4 | | | | | | | | | | | | | | | | | | ☆ | ☆ | | | | | | | | | ☆ | TCMW 221 |
| | | TCMW 16 T3 04 | 16 | 3/8 | | | | | | | | | | | | | | | | | | | ☆ | | | | | | | | | ☆ | TCMW 3(2.5)1 |
| | | TCMW 16 T3 08 | | | | | | | | | | | ☆ | | | | | | | | | | ☆ | | | | | | | | | ☆ | TCMW 3(2.5)2 |
| | TCMT-UM | TCMT 09 02 04-UM | 09 | 7/32 | | ☆ | ☆ | | | | ☆ | | ☆ | ☆ | ☆ | | | | ☆ | | | | | | | | | | | ☆ | ☆ | | | TCMT 1.8(1.5)1-UM |
| | | TCMT 09 02 08-UM | | | | | ☆ | | | | ☆ | | | | | | | | ☆ | | | | | | | | | | | | | | | TCMT 1.8(1.5)2-UM |
| | | TCMT 11 02 04-UM | 11 | 1/4 | | | ☆ | | | ☆ | ☆ | ☆ | ☆ | | ☆ | ☆ | ☆ | | ☆ | | | | ☆ | | | | | | | | ☆ | | ☆ | TCMT 2(1.5)1-UM |
| | | TCMT 11 02 08-UM | | | | | ☆ | | | ☆ | ☆ | ☆ | ☆ | | ☆ | ☆ | ☆ | | ☆ | | | | ☆ | | | | | | | | ☆ | | ☆ | TCMT 2(1.5)2-UM |
| | | TCMT 16 T3 04-UM | 16 | 3/8 | | ☆ | | | | | ☆ | | | ☆ | ☆ | | | | ☆ | | | | | | | | | | | ☆ | ☆ | | | TCMT 3(2.5)1-UM |
| | | TCMT 16 T3 08-UM | | | | ☆ | | | | ☆ | ☆ | | | ☆ | ☆ | | | | ☆ | | | | | | | | | | | ☆ | ☆ | | | TCMT 3(2.5)2-UM |
| Desbaste | TCMT-PR | TCMT 11 03 08-PR | 11 | 1/4 | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | TCMT 222-PR |
| | | TCMT 11 03 12-PR | | | | | | | | | ★ | | | | | | | | | | | | | | | | | | | | | | | TCMT 223-PR |
| | | TCMT 16 T3 08-PR | 16 | 3/8 | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | TCMT 3(2.5)2-PR |
| | | TCMT 16 T3 12-PR | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | TCMT 3(2.5)3-PR |
| | | TCMT 22 04 08-PR | 22 | 1/2 | | | | | | | | ★ | | | | | | | | | | | | | | | | | | | | | | TCMT 432-PR |
| | | TCMT 22 04 12-PR | | | | | | | | | | ★ | | | | | | | | | | | | | | | | | | | | | | TCMT 433-PR |
| | TCMT-MR | TCMT 11 03 08-MR | 11 | 1/4 | | | | | | | | | | | | | ★ | ☆ | | | | | | | | | | | | | | | | TCMT 222-MR |
| | | TCMT 16 T3 08-MR | 16 | 3/8 | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | ☆ | ★ | | | | | TCMT 3(2.5)2-MR |
| | | TCMT 16 T3 12-MR | | | | | | | | | | | | | | | ★ | ☆ | | | | | | | | | | | | | | | | TCMT 3(2.5)3-MR |
| | | TCMT 22 04 08-MR | 22 | 1/2 | | | | | | | | | | | | | | ★ | | | | | | | | | | | | | | | | TCMT 432-MR |
| | | TCMT 22 04 12-MR | | | | | | | | | | | | | | | | ★ | | | | | | | | | | | | | | | | TCMT 433-MR |
| | TCMT-KR | TCMT 11 03 08-KR | 11 | 1/4 | | | | | | | | | | | | | | | | | | | ★ | | | | | | | | | | | TCMT 222-KR |
| | | TCMT 11 03 12-KR | | | | | | | | | | | | | | | | | | | | | ★ | | | | | | | | | | | TCMT 223-KR |
| | | TCMT 16 T3 08-KR | 16 | 3/8 | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | ☆ | | | | | | | | | | ☆ | TCMT 3(2.5)2-KR |
| | | TCMT 16 T3 12-KR | | | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | ☆ | | | | | | | | | | ☆ | TCMT 3(2.5)3-KR |
| | | TCMT 22 04 08-KR | 22 | 1/2 | | | | | | | | | | | | | | | | | | | ★ | ☆ | | | | | | | | | ☆ | TCMT 432-KR |
| | | TCMT 22 04 12-KR | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | | | | | | | | | ☆ | TCMT 433-KR |
| | TCMT-UR | TCMT 11 02 04-UR | 11 | 1/4 | | | | | | ☆ | ☆ | ☆ | | | | | | | ☆ | | | | | ☆ | | | | | | | | | | ☆ | TCMT 2(1.5)1-UR |
| | | TCMT 11 02 08-UR | | | | | ☆ | | | ☆ | ☆ | ☆ | | | | | ☆ | | ☆ | | | | ☆ | ☆ | | | | | | | | | | ☆ | TCMT 2(1.5)2-UR |
| | | TCMT 16 T3 04-UR | 16 | 3/8 | | | | | | ☆ | ☆ | | | | | | | | ☆ | | | | | | | | | | | | | | | | TCMT 3(2.5)1-UR |
| | | TCMT 16 T3 08-UR | | | | | | | | ☆ | ☆ | ☆ | | | | | | | ☆ | | | | | | | | | | | | | | | | TCMT 3(2.5)2-UR |
| | | TCMT 16 T3 12-UR | | | | | | | | | ☆ | | | | | | ☆ | | | | | | | | | | | | | | | | | | TCMT 3(2.5)3-UR |
| Aluminio | TCGX-AL | TCGX 06 T1 04-AL | 06 | 5/32 | | | | | | | | | | | | | | | | | | | | | | ★ | | | | | | | | TCGX 1.2(1.2)1-AL |
| | | TCGX 09 02 02-AL | 09 | 7/32 | | | | | | | | | | | | | | | | | | | | | | ☆ | | | | | | | | TCGX 1.8(1.5)0-AL |
| | | TCGX 09 02 04-AL | | | | | | | | | | | | | | | | | | | | | | | | ☆ | | | | | | | | TCGX 1.8(1.5)1-AL |
| | | TCGX 11 02 02-AL | 11 | 1/4 | | | | | | | | | | | | | | | | | | | | | | ☆ | | | | | | | | TCGX 2(1.5)0-AL |
| | | TCGX 11 02 04-AL | | | | | | | | | | | | | | | | | | | | | | | | ☆ | | | | | | | | TCGX 2(1.5)1-AL |
| | | TCGX 11 02 08-AL | | | | | | | | | | | | | | | | | | | | | | | | ★ | | | | | | | | TCGX 2(1.5)2-AL |
| | | TCGX 11 03 02-AL | 11 | 1/4 | | | | | | | | | | | | | | | | | | | | | | ★ | | | | | | | | TCGX 220-AL |
| | | TCGX 11 03 04-AL | | | | | | | | | | | | | | | | | | | | | | | | ★ | | | | | | | | TCGX 221-AL |
| | | TCGX 11 03 08-AL | | | | | | | | | | | | | | | | | | | | | | | | ★ | | | | | | | | TCGX 222-AL |
| | | TCGX 16 T3 04-AL | 16 | 3/8 | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | | | | | | | | TCGX 3(2.5)1-AL |
| | | TCGX 16 T3 08-AL | | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | | | | | | | | TCGX 3(2.5)2-AL |
| | | | | | P25 | P25 | P15 | P45 | P05 | P15 | P25 | P35 | P10 | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | N25 | N10 | N15 | S15 | S15 | S15 | S25 | S10 | S15 | |

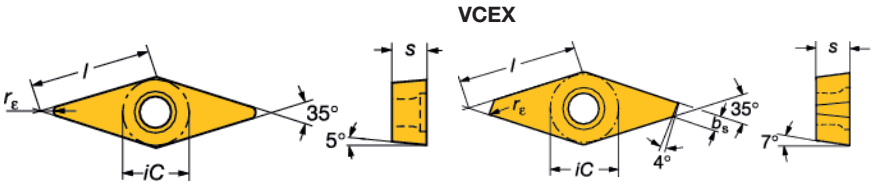
★= Primera elección

Para las dimensiones, ver clave de códigos en la página A16.

A90 A238 A331 I1 A426 A412 A434 A2

# CoroTurn® 107

**Rómbica 35°**




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | | iC | P | | | | | | | | M | | | | | | | K | | | | | N | | | S | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | GC | GC | CT | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | GC | GC | - | GC | GC | GC | GC | - | | |
| | | | | | 1125 | 1515 | 1525 | 4205 | 4215 | 4225 | 4235 | 5015 | 1105 | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | 1005 | 1125 | H10 | 1005 | 1105 | 1115 | 1125 | H13A | | |
| | VBMT-PF | VBMT 11 03 02-PF | 11 | 1/4 | | ☆ | ☆ | | | ★ | | ☆ | | | | | | | | | | | | | | | | | | | | | VBMT 220-PF |
| | | VBMT 11 03 04-PF | | | | ☆ | ☆ | | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | | | VBMT 221-PF |
| | | VBMT 11 03 08-PF | | | | ☆ | | | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | | | VBMT 222-PF |
| | | VBMT 11 03 12-PF | | | | | | | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | VBMT 223-PF |
| | | VBMT 16 04 02-PF | 16 | 3/8 | | ☆ | | | | | | ★ | | | | | | | | | | | | | | | | | | | | | VBMT 330-PF |
| | | VBMT 16 04 04-PF | | | | ☆ | | | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | | | VBMT 331-PF |
| | | VBMT 16 04 08-PF | | | | ☆ | | | ★ | ☆ | | ☆ | | | | | | | | | | | | | | | | | | | | | VBMT 332-PF |
| | | VBMT 16 04 12-PF | | | | | | | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | VBMT 333-PF |
| | VBMT-MF | VBMT 11 03 02-MF | 11 | 1/4 | | | | | | | | | | ☆ | ★ | | | | | | | | | | | | | | ★ | ☆ | ☆ | | VBMT 220-MF |
| | | VBMT 11 03 04-MF | | | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | ★ | ☆ | ☆ | | VBMT 221-MF |
| | | VBMT 11 03 08-MF | | | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | ★ | | | VBMT 222-MF |
| | | VBMT 16 04 02-MF | 16 | 3/8 | | | | | | | | | | ☆ | ★ | | | | | | | | | | | | | | ★ | ☆ | ☆ | | VBMT 330-MF |
| | | VBMT 16 04 04-MF | | | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | ★ | ☆ | ☆ | | VBMT 331-MF |
| | | VBMT 16 04 08-MF | | | | | | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | ★ | ☆ | ☆ | | VBMT 332-MF |
| | | VBMT 16 04 12-MF | | | | | | | | | | | | | | ★ | | | | | | | | | | | | | | | | | VBMT 333-MF |
| Acabado | VBMT-KF | VBMT 11 03 02-KF | 11 | 1/4 | | | | | | | | | | | | | | | | | | | ★ | | | | | | | | ☆ | VBMT 220-KF |
| | | VBMT 11 03 04-KF | | | | | | | | | | | | | | | | | | ☆ | | ★ | ☆ | | | | | | | | ☆ | VBMT 221-KF |
| | | VBMT 11 03 08-KF | | | | | | | | | | | | | | | | | | ☆ | | ★ | | | | | | | | | | VBMT 222-KF |
| | | VBMT 16 04 02-KF | 16 | 3/8 | | | | | | | | | | | | | | | | | | | ★ | | | | | | | | ☆ | VBMT 330-KF |
| | | VBMT 16 04 04-KF | | | | | | | | | | | | | | | | | | ☆ | | | ★ | | | | | | | | ☆ | VBMT 331-KF |
| | | VBMT 16 04 08-KF | | | | | | | | | | | | | | | | | | ☆ | | | ★ | | | | | | | | ☆ | VBMT 332-KF |
| | VCEX-F | VCEX 11 03 00R/L-F | 11 | 1/4 | ★ | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | ★ | | | ★ | ☆ | | | | VCEX 22(00)R/L-F |
| | | VCEX 11 03 01R/L-F | | | ★ | | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | ★ | | | ★ | ☆ | | | | VCEX 22(03)R/L-F |
| | VBMT-UF | VBMT 11 02 02-UF | 11 | 1/4 | | | ☆ | | | ☆ | ☆ | ☆ | | | ☆ | | | | ☆ | | | | ☆ | | | | | | | ☆ | ☆ | VBMT 2(1.5)0-UF |
| | | VBMT 11 02 04-UF | | | | | ☆ | | | ☆ | ☆ | ☆ | | | ☆ | | | | ☆ | | | | ☆ | | | | | | | ☆ | ☆ | VBMT 2(1.5)1-UF |
| | | VBMT 11 02 08-UF | | | | | ☆ | | | ☆ | ☆ | ☆ | | | | | | | ☆ | | | | ☆ | | | | | | | | ☆ | VBMT 2(1.5)2-UF |
| Medio | VBMT-PM | VBMT 16 04 04-PM | 16 | 3/8 | | ☆ | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | VBMT 331-PM |
| | | VBMT 16 04 08-PM | | | | ☆ | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | VBMT 332-PM |
| | | VBMT 16 04 12-PM | | | | ☆ | ☆ | ☆ | ☆ | ★ | ☆ | ☆ | | | | | | | | | | | | | | | | | | | | | VBMT 333-PM |
| | VBMT-MM | VBMT 16 04 04-MM | 16 | 3/8 | | | | | | | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | ☆ | ★ | ☆ | ☆ | | | VBMT 331-MM |
| | | VBMT 16 04 08-MM | | | | | | | | | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | ☆ | ★ | ☆ | ☆ | | | VBMT 332-MM |
| | | VBMT 16 04 12-MM | | | | | | | | | | | | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | ★ | | | | VBMT 333-MM |
| | VBMT-KM | VBMT 16 04 04-KM | 16 | 3/8 | | | | | | | | | | | | | | | | ☆ | | ★ | ☆ | ☆ | | | | | | | ☆ | VBMT 331-KM |
| | | VBMT 16 04 08-KM | | | | | | | | | | | | | | | | | | ☆ | | ★ | ☆ | ☆ | | | | | | | ☆ | VBMT 332-KM |
| | | VBMT 16 04 12-KM | | | | | | | | | | | | | | | | | | | | ★ | ☆ | ☆ | | | | | | | ☆ | VBMT 333-KM |
| | | | | | P25 | P25 | P15 | P05 | P15 | P25 | P35 | P10 | M15 | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | N10 | N25 | N15 | S15 | S15 | S15 | S25 | S15 | | |

★= Primera elección

Para las dimensiones, ver clave de códigos en la página A16.

R = A Derecha, L = A Izquierda

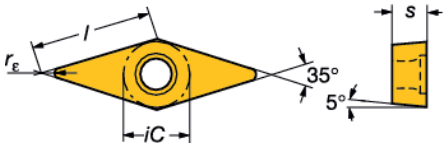
A90 A238 A331 I1 A426 A412 A434 A2



SANDVIK Coromant

# CoroTurn® 107

**Rómbica 35°**




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | s | iC | P | | | | | | | | M | | | | | | | K | | | | | N | | | | S | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | GC | GC | CT | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | GC | GC | GC | - | GC | GC | GC | GC | - | GC | | |
| | | | | | 1125 | 1515 | 1525 | 4205 | 4215 | 4225 | 4235 | 5015 | 1105 | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | 1005 | 1020 | 1125 | H10 | 1005 | 1105 | 1115 | 1125 | H13A | S05F | | |
| Medio | VBGT-UM | VBGT 16 04 01-UM | 16 | 3/8 | | | | | | | | | | ☆ | ☆ | | | | | | | | ☆ | | | | | | | ★ | ☆ | ☆ | | | VBGT 3303-UM |
| | | VBGT 16 04 02-UM | | | | ☆ | | | | | | | | ☆ | ☆ | | | | | | | | ☆ | | | | | | | ★ | ☆ | ☆ | | | VBGT 330-UM |
| | | VBGT 16 04 04-UM | | | | ☆ | | | | | | | | ☆ | ☆ | | | | | | | | ☆ | | | | | | ★ | ☆ | | ☆ | ☆ | | VBGT 331-UM |
| | | VBGT 16 04 08-UM | | | | ☆ | | | | | | | | ☆ | ☆ | | | | | | | | ☆ | | | | | | ★ | ☆ | ☆ | ☆ | ☆ | | VBGT 332-UM |
| | VCET-UM | VCET 11 03 01-UM | 11 | 1/4 | ★ | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | ☆ | | | ★ | ☆ | | | | VCET 22(03)-UM |
| | | VCET 11 03 02-UM | | | ★ | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | ☆ | | | ★ | ☆ | | | | VCET 220-UM |
| | VCGT-UM | VCGT 11 03 01-UM | 11 | 1/4 | | | | | | | | | | ☆ | ☆ | | | | | | | | ☆ | | | | | | | ★ | ☆ | ☆ | | | VCGT 2203-UM |
| | | VCGT 11 03 02-UM | | | | ☆ | | | | | | | | ☆ | ☆ | | | | | | | | ☆ | | | | | | | ★ | ☆ | ☆ | | | VCGT 220-UM |
| | | VCGT 11 03 04-UM | | | | ☆ | | | | | | | | ☆ | ☆ | | | | | | | | ☆ | | | | | | | ★ | ☆ | ☆ | | | VCGT 221-UM |
| | VBMW | VBMW 16 04 04 | 16 | 3/8 | | | | | | | | | | | | | | | | | | | ☆ | | | | | | | | | ☆ | | | VBMW 331 |
| | VBMT-UM | VBMT 16 04 04-UM | 16 | 3/8 | | ☆ | ☆ | | ☆ | ☆ | ☆ | ☆ | | ☆ | ☆ | | ☆ | | ☆ | | | | | ☆ | | | | | | | | ☆ | ☆ | ☆ | | | VBMT 331-UM |
| | | VBMT 16 04 08-UM | | | | ☆ | ☆ | | ☆ | ☆ | | ☆ | | ☆ | ☆ | | ☆ | | ☆ | | | | | ☆ | | | | | | | | ☆ | ☆ | ☆ | | | VBMT 332-UM |
| | | VBMT 16 04 12-UM | | | | ☆ | | | | ☆ | | | | ☆ | ☆ | | | | | | | | | ☆ | | | | | | | | ☆ | ☆ | | | VBMT 333-UM |
| Desbaste | VBMT-PR | VBMT 16 04 08-PR | 16 | 3/8 | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | VBMT 332-PR |
| | | VBMT 16 04 12-PR | | | | | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | | | | | | | | | | | | | | | | VBMT 333-PR |
| | VBMT-MR | VBMT 16 04 08-MR | 16 | 3/8 | | | | | | | | | | | | ☆ | ★ | ☆ | | | | | | | | | | | | | | ☆ | ★ | | | VBMT 332-MR |
| | | VBMT 16 04 12-MR | | | | | | | | | | | | | | | ★ | ☆ | | | | | | | | | | | | | | ☆ | ★ | | | VBMT 333-MR |
| | VBMT-KR | VBMT 16 04 08-KR | 16 | 3/8 | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | ☆ | | | | | | | | | ☆ | | | VBMT 332-KR |
| | | VBMT 16 04 12-KR | | | | | | | | | | | | | | | | | | ☆ | ★ | ☆ | ☆ | | | | | | | | | ☆ | | | VBMT 333-KR |
| | VBMT-UR | VBMT 16 04 04-UR | 16 | 3/8 | | | | | ☆ | ☆ | ☆ | | | | | | | | ☆ | | | | ☆ | | | | | | | | | ☆ | | | VBMT 331-UR |
| | | VBMT 16 04 08-UR | | | | | | | ☆ | ☆ | ☆ | | | | | | | | ☆ | | | | ☆ | | | | | | | | | ☆ | | | VBMT 332-UR |
| | | VBMT 16 04 12-UR | | | | | | | ☆ | ☆ | | | | | | | | | | | | | ☆ | | | | | | | | | ☆ | | | VBMT 333-UR |
| | | | | | P25 | P25 | P15 | P05 | P15 | P25 | P35 | P10 | M15 | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | N10 | | N25 | N15 | S15 | S15 | S15 | S25 | S15 | S05 | | |

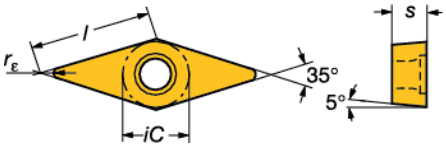
★= Primera elección

Para las dimensiones, ver clave de códigos en la página A16.

A90 A238 A331 I1 A426 A412 A434 A2

# CoroTurn® 107

**Rómbica 35°**




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | s | iC | P | | | | | | | | M | | | | | | | K | | | | | N | | | | | S | | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | GC | GC | CT | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | GC | GC | GC | GC | - | GC | GC | GC | GC | GC | - | GC | | |
| | | | | | 1125 | 1515 | 1525 | 4205 | 4215 | 4225 | 4235 | 5015 | 1105 | 1115 | 1125 | 2015 | 2025 | 2035 | 235 | 3005 | 3205 | 3210 | 3215 | H13A | 1005 | 1020 | 1125 | 1810 | H10 | 1005 | 1105 | 1115 | 1125 | H13A | S05F | | |
| Aluminio | VCGX-AL | VCGX 11 02 02-AL | 11 | 1/4 | | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | | | | | | | | VCGX 2(1.5)0-AL |
| | | VCGX 11 02 04-AL | | | | | | | | | | | | | | | | | | | | | | | | | ★ | ☆ | | | | | | | | VCGX 2(1.5)1-AL |
| | | VCGX 11 03 02-AL | 11 | 1/4 | | | | | | | | | | | | | | | | | | | | | | | | ★ | | | | | | | | VCGX 220-AL |
| | | VCGX 11 03 04-AL | | | | | | | | | | | | | | | | | | | | | | ☆ | | | | ★ | | | | | | | | VCGX 221-AL |
| | | VCGX 16 04 04-AL | 16 | 3/8 | | | | | | | | | | | | | | | | | | | | ☆ | | | ★ | ☆ | | | | | | | | VCGX 331-AL |
| | | VCGX 16 04 08-AL | | | | | | | | | | | | | | | | | | | | | | ☆ | | | ★ | ☆ | | | | | | | | VCGX 332-AL |
| | | VCGX 16 04 12-AL | | | | | | | | | | | | | | | | | | | | | | ☆ | | | ★ | ☆ | | | | | | | | VCGX 333-AL |
| | | VCGX 22 05 20-AL | 22 | 1/2 | | | | | | | | | | | | | | | | | | | | | | | | ★ | | | | | | | | VCGX 22 05 20-AL |
| | | VCGX 22 05 30-AL | | | | | | | | | | | | | | | | | | | | | | | | | | ★ | | | | | | | | VCGX 22 05 30-AL |
| | | | | | P25 | P25 | P15 | P05 | P15 | P25 | P35 | P10 | M15 | M15 | M25 | M15 | M25 | M35 | M35 | K10 | K05 | K10 | K15 | K20 | N10 | | N25 | N10 | N15 | S15 | S15 | S15 | S25 | S15 | S05 | | |

★= Primera elección

Para las dimensiones, ver clave de códigos en la página A16.

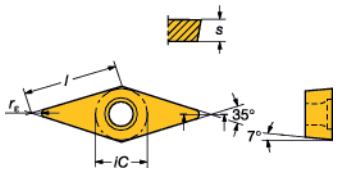
A90 A238 A331 I1 A426 A412 A434 A2



SANDVIK Coromant

# CoroTurn® 107

**Rómbica 35°**




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | | iC | P | | | | | | M | | | K | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | CT | GC | GC | GC | GC | |
| | | | | | 1515 | 1525 | 4215 | 4225 | 4235 | 5015 | 1125 | 2015 | 2025 | 3215 | |
| Acabado | VCMT-PF | VCMT 11 03 02-PF | 11 | 1/4 | ☆ | | | | | ★ | | | | | VCMT 220-PF |
| | | VCMT 11 03 04-PF | | | ☆ | | ★ | ☆ | | ☆ | | | | | VCMT 221-PF |
| | VCMT-MF | VCMT 11 03 02-MF | 11 | 1/4 | | | | | | | ★ | | | | VCMT 220-MF |
| | | VCMT 11 03 04-MF | | | | | | | | | ☆ | ★ | | | VCMT 221-MF |
| | VCMT-KF | VCMT 11 03 04-KF | 11 | 1/4 | | | | | | | | | | ★ | VCMT 221-KF |
| Medio | VCMT-PM | VCMT 11 03 04-PM | 11 | 1/4 | | ☆ | ☆ | ★ | ☆ | | | | | | VCMT 221-PM |
| | | VCMT 11 03 08-PM | | | ☆ | | ☆ | ★ | | | | | | | VCMT 222-PM |
| | VCMT-MM | VCMT 11 03 04-MM | 11 | 1/4 | | | | | | | ☆ | | ★ | | VCMT 221-MM |
| | | VCMT 11 03 08-MM | | | | | | | | | | | ★ | | VCMT 222-MM |
| | VCMT-KM | VCMT 11 03 08-KM | 11 | 1/4 | | | | | | | | | | ★ | VCMT 222-KM |
| | | | | | P25 | P15 | P15 | P25 | P35 | P10 | M25 | M15 | M25 | K15 | |

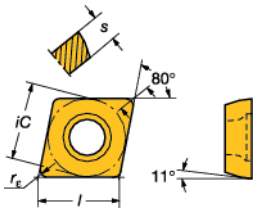
★= Primera elección

Para las dimensiones, ver clave de códigos en la página A16.

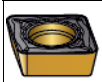
A90 A238 A331 I1 A426 A412 A434 A2

# CoroTurn® 111

**Rómbica 80°**




Para áreas de aplicación ISO, ver final de la tabla.

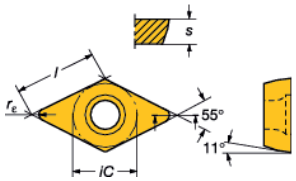
| | | ISO | □ | iC | P | | | | | M | | | | K | | S | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | CT | GC | GC | GC | GC | GC | - | - | |
| | | | | | 1515 | 4215 | 4225 | 4235 | 5015 | 1125 | 2015 | 2025 | 2035 | 3215 | H13A | H13A | |
| Acabado | CPMT-PF | CPMT 06 02 02-PF | 06 | 1/4 | ★ | | | | ☆ | | | | | | | | CPMT 2(1.5)0-PF |
| | | CPMT 06 02 04-PF | | | ☆ | ★ | ☆ | | ☆ | | | | | | | | CPMT 2(1.5)1-PF |
| | | CPMT 09 T3 02-PF | 09 | 3/8 | ☆ | ★ | | | | | | | | | | | CPMT 3(2.5)0-PF |
| | | CPMT 09 T3 04-PF | | | ☆ | ★ | ☆ | | | | | | | | | | CPMT 3(2.5)1-PF |
| | | CPMT 09 T3 08-PF | | | ☆ | ☆ | ★ | | | | | | | | | | CPMT 3(2.5)2-PF |
| | CPMT-MF | CPMT 06 02 02-MF | 06 | 1/4 | | | | | | ★ | | | | | | | CPMT 2(1.5)0-MF |
| | | CPMT 06 02 04-MF | | | | | | | | ☆ | ★ | ☆ | | | | | CPMT 2(1.5)1-MF |
| | | CPMT 09 T3 02-MF | 09 | 3/8 | | | | | | ★ | | | | | | | CPMT 3(2.5)0-MF |
| | | CPMT 09 T3 04-MF | | | | | | | | ☆ | ★ | | | | | | CPMT 3(2.5)1-MF |
| | | CPMT 09 T3 08-MF | | | | | | | | ★ | | | | | | | CPMT 3(2.5)2-MF |
| | CPMT-KF | CPMT 06 02 04-KF | 06 | 1/4 | | | | | | | | | | ★ | | | CPMT 2(1.5)1-KF |
| Medio | CPMT-PM | CPMT 06 02 04-PM | 06 | 1/4 | | ☆ | ★ | ☆ | ☆ | | | | | | | | CPMT 2(1.5)1-PM |
| | | CPMT 06 02 08-PM | | | | ☆ | ★ | | | | | | | | | | CPMT 2(1.5)2-PM |
| | | CPMT 09 T3 04-PM | 09 | 3/8 | | ☆ | ★ | ☆ | | | | | | | | | CPMT 3(2.5)1-PM |
| | | CPMT 09 T3 08-PM | | | | ☆ | ★ | ☆ | | | | | | | | | CPMT 3(2.5)2-PM |
| | CPMT-MM | CPMT 06 02 04-MM | 06 | 1/4 | | | | | | | | ★ | ☆ | | | | CPMT 2(1.5)1-MM |
| | | CPMT 06 02 08-MM | | | | | | | | | ☆ | ★ | | | | | CPMT 2(1.5)2-MM |
| | | CPMT 09 T3 04-MM | 09 | 3/8 | | | | | | ☆ | | ★ | | | | | CPMT 3(2.5)1-MM |
| | | CPMT 09 T3 08-MM | | | | | | | | ☆ | ☆ | ★ | | | | | CPMT 3(2.5)2-MM |
| |  CPMT-KM | CPMT 06 02 04-KM | 06 | 1/4 | | | | | | | | | | | ★ | ☆ | CPMT 2(1.5)1-KM |
| | | CPMT 06 02 08-KM | | | | | | | | | | | | ★ | | | CPMT 2(1.5)2-KM |
| | CPMT-UM | CPMT 06 02 04-UM | 06 | 1/4 | ☆ | | | | | ☆ | | | | | | | CPMT 2(1.5)1-UM |
| | | CPMT 06 02 08-UM | | | ☆ | | | | | ☆ | | | | | | | CPMT 2(1.5)2-UM |
| | | CPMT 09 T3 02-UM | 09 | 3/8 | ☆ | | | | | ☆ | | | | | | | CPMT 3(2.5)0-UM |
| | | CPMT 09 T3 04-UM | | | ☆ | | ☆ | | | ☆ | | | | | | | CPMT 3(2.5)1-UM |
| | | CPMT 09 T3 08-UM | | | ☆ | | ☆ | ☆ | | ☆ | | | | | ☆ | ☆ | CPMT 3(2.5)2-UM |
| | | | | | P25 | P15 | P25 | P35 | P10 | M25 | M15 | M25 | M35 | K15 | K20 | S15 | |

★= Primera elección

Para las dimensiones, ver clave de códigos en la página A16.

# CoroTurn® 111

**Rómbica 55°**




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | | iC | P | | | | | | M | | | | K | | S | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | CT | GC | GC | GC | GC | GC | - | GC | |
| | | | | | 1515 | 1525 | 4215 | 4225 | 4235 | 5015 | 1125 | 2015 | 2025 | 2035 | 3215 | H13A | | |
| Acabado | DPMT-PF | DPMT 07 02 02-PF | 07 | 1/4 | ☆ | | | | | ★ | | | | | | | | DPMT 2(1.5)0-PF |
| | | DPMT 07 02 04-PF | | | ☆ | | ★ | ☆ | | ☆ | | | | | | | | DPMT 2(1.5)1-PF |
| | DPMT-MF | DPMT 07 02 02-MF | 07 | 1/4 | | | | | | | ★ | | | | | | | DPMT 2(1.5)0-MF |
| | | DPMT 07 02 04-MF | | | | | | | | | ☆ | ★ | ☆ | | | | | DPMT 2(1.5)1-MF |
| | DPMT-KF | DPMT 07 02 04-KF | 07 | 1/4 | | | | | | | | | | | ★ | | | DPMT 2(1.5)1-KF |
| Medio | DPMT-PM | DPMT 07 02 04-PM | 07 | 1/4 | | ☆ | ☆ | ★ | | | | | | | | | | DPMT 2(1.5)1-PM |
| | | DPMT 07 02 08-PM | | | | | ☆ | ★ | ☆ | ☆ | | | | | | | | DPMT 2(1.5)2-PM |
| | | DPMT 11 T3 04-PM | 11 | 3/8 | | ☆ | | ★ | | | | | | | | | | DPMT 3(2.5)1-PM |
| | | DPMT 11 T3 08-PM | | | | | ☆ | ★ | | | | | | | | | | DPMT 3(2.5)2-PM |
| | DPMT-MM | DPMT 07 02 04-MM | 07 | 1/4 | | | | | | | | | ★ | | | | | DPMT 2(1.5)1-MM |
| | | DPMT 07 02 08-MM | | | | | | | | | ☆ | | ★ | ☆ | | | | DPMT 2(1.5)2-MM |
| | | DPMT 11 T3 04-MM | 11 | 3/8 | | | | | | | ☆ | ☆ | ★ | | | | | DPMT 3(2.5)1-MM |
| | | DPMT 11 T3 08-MM | | | | | | | | | ☆ | | ★ | | | | | DPMT 3(2.5)2-MM |
| | DPMT-KM | DPMT 07 02 04-KM | 07 | 1/4 | | | | | | | | | | | | ★ | ☆ | DPMT 2(1.5)1-KM |
| | | DPMT 07 02 08-KM | | | | | | | | | | | | | ★ | | | DPMT 2(1.5)2-KM |
| | | DPMT 11 T3 04-KM | 11 | 3/8 | | | | | | | | | | | ★ | | | DPMT 3(2.5)1-KM |
| | | DPMT 11 T3 08-KM | | | | | | | | | | | | | ★ | | | DPMT 3(2.5)2-KM |
| | | | | | P25 | P15 | P15 | P25 | P35 | P10 | M25 | M15 | M25 | M35 | K15 | K20 | | |

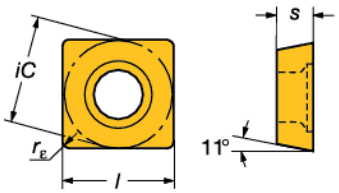
★= Primera elección

Para las dimensiones, ver clave de códigos en la página A16.

A90 A238 A331 I1 A426 A412 A434 A2

# CoroTurn® 111

## Cuadradas




Para áreas de aplicación ISO, ver final de la tabla.

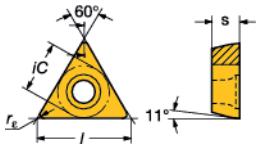
| | | ISO | ↕□ | iC | P GC 1515 | M GC 1125 | ANSI |
|---|---|---|---|---|---|---|---|
| Medio | SPMT-UM | SPMT 09 T3 08-UM | 09 | 3/8 | ☆ | ☆ | SPMT 3(2.5)2-UM |
| | | SPMT 12 04 08-UM | 12 | 1/2 | ☆ | ☆ | SPMT 432-UM |
| | | | | | P25 | M25 | |

★= Primera elección

Para las dimensiones, ver clave de códigos en la página A16.

# CoroTurn® 111

## Triangulares




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | △ | iC | P | | | | | | M | | | | K | | S | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | CT | GC | GC | GC | GC | GC | - | GC | - | |
| | | | | | 1515 | 1525 | 4215 | 4225 | 4235 | 5015 | 1125 | 2015 | 2025 | 2035 | 3215 | H13A | 1125 | H13A | |
| Acabado | TPMT-PF | TPMT 06 T1 02-PF | 06 | 5/32 | ☆ | | | | | ★ | | | | | | | | | TPMT 1.2(1.2)0-PF |
| | | TPMT 06 T1 04-PF | | | ☆ | | ★ | ☆ | | ☆ | | | | | | | | | TPMT 1.2(1.2)1-PF |
| | | TPMT 09 02 02-PF | 09 | 7/32 | ☆ | | | | | ★ | | | | | | | | | TPMT 1.8(1.5)0-PF |
| | | TPMT 09 02 04-PF | | | ☆ | | ★ | ☆ | | ☆ | | | | | | | | | TPMT 1.8(1.5)1-PF |
| | | TPMT 11 03 02-PF | 11 | 1/4 | ☆ | | | | | ★ | | | | | | | | | TPMT 220-PF |
| | | TPMT 11 03 04-PF | | | ☆ | | ★ | ☆ | | ☆ | | | | | | | | | TPMT 221-PF |
| | | TPMT 16 T3 04-PF | 16 | 3/8 | | | ★ | ☆ | | | | | | | | | | | TPMT 3(2.5)1-PF |
| | TPMT-MF | TPMT 06 T1 02-MF | 06 | 5/32 | | | | | | | ★ | | | | | | | | TPMT 1.2(1.2)0-MF |
| | | TPMT 06 T1 04-MF | | | | | | | | | ☆ | ★ | | | | | | | TPMT 1.2(1.2)1-MF |
| | | TPMT 09 02 02-MF | 09 | 7/32 | | | | | | | ★ | | | | | | | | TPMT 1.8(1.5)0-MF |
| | | TPMT 09 02 04-MF | | | | | | | | | ☆ | ★ | | | | | | | TPMT 1.8(1.5)1-MF |
| | | TPMT 11 03 02-MF | 11 | 1/4 | | | | | | | ★ | | | | | | | | TPMT 220-MF |
| | | TPMT 11 03 04-MF | | | | | | | | | ☆ | ★ | ☆ | | | | | | TPMT 221-MF |
| | | TPMT 16 T3 04-MF | 16 | 3/8 | | | | | | | ★ | | | | | | | | TPMT 3(2.5)1-MF |
| | TPMT-KF | TPMT 06 T1 04-KF | 06 | 5/32 | | | | | | | | | | | ★ | | | | TPMT 1.2(1.2)1-KF |
| | | TPMT 09 02 04-KF | 09 | 7/32 | | | | | | | | | | | ★ | | | | TPMT 1.8(1.5)1-KF |
| | | TPMT 11 03 04-KF | 11 | 1/4 | | | | | | | | | | | ★ | | | | TPMT 221-KF |
| | | TPMT 16 T3 04-KF | 16 | 3/8 | | | | | | | | | | | ★ | | | | TPMT 3(2.5)1-KF |
| Medio | TPMT-PM | TPMT 09 02 04-PM | 09 | 7/32 | ☆ | ☆ | ☆ | ★ | ☆ | | | | | | | | | | TPMT 1.8(1.5)1-PM |
| | | TPMT 09 02 08-PM | | | | | | ★ | ☆ | | | | | | | | | | TPMT 1.8(1.5)2-PM |
| | | TPMT 11 03 04-PM | 11 | 1/4 | | ☆ | ☆ | ★ | ☆ | | | | | | | | | | TPMT 221-PM |
| | | TPMT 11 03 08-PM | | | | | ☆ | ★ | ☆ | ☆ | | | | | | | | | TPMT 222-PM |
| | | TPMT 16 T3 04-PM | 16 | 3/8 | | | ☆ | ★ | | | | | | | | | | | TPMT 3(2.5)1-PM |
| | | TPMT 16 T3 08-PM | | | | ☆ | ☆ | ★ | | | | | | | | | | | TPMT 3(2.5)2-PM |
| | TPMT-MM | TPMT 09 02 04-MM | 09 | 7/32 | | | | | | | | | ★ | ☆ | | | | | TPMT 1.8(1.5)1-MM |
| | | TPMT 11 03 04-MM | 11 | 1/4 | | | | | | | ☆ | | ★ | | | | | | TPMT 221-MM |
| | | TPMT 11 03 08-MM | | | | | | | | | ☆ | | ★ | ☆ | | | | | TPMT 222-MM |
| | | TPMT 16 T3 04-MM | 16 | 3/8 | | | | | | | | | ★ | | | | | | TPMT 3(2.5)1-MM |
| | | TPMT 16 T3 08-MM | | | | | | | | | | | ★ | ☆ | | | | | TPMT 3(2.5)2-MM |
| | TPMT-KM | TPMT 09 02 04-KM | 09 | 7/32 | | | | | | | | | | | | ★ | | ☆ | TPMT 1.8(1.5)1-KM |
| | | TPMT 09 02 08-KM | | | | | | | | | | | | | ★ | | | | TPMT 1.8(1.5)2-KM |
| | | TPMT 11 03 08-KM | 11 | 1/4 | | | | | | | | | | | ★ | | | | TPMT 222-KM |
| | | TPMT 16 T3 08-KM | 16 | 3/8 | | | | | | | | | | | ★ | ☆ | | ☆ | TPMT 3(2.5)2-KM |
| | | TPMT 16 T3 12-KM | | | | | | | | | | | | | ★ | | | | TPMT 3(2.5)3-KM |
| | TPMT-UM | TPMT 11 02 04-UM | 11 | 1/4 | | | | | | | ☆ | | | | | | ☆ | | TPMT 2(1.5)1-UM |
| | | TPMT 11 02 08-UM | | | | | | | | | ☆ | | | | | | ☆ | | TPMT 2(1.5)2-UM |
| | | TPMT 16 T3 08-UM | 16 | 3/8 | ☆ | | | | | | ☆ | | | | | | | | TPMT 3(2.5)2-UM |
| | | TPMT 22 04 08-UM | 22 | 1/2 | ☆ | | | | | | ☆ | | | | | | | | TPMT 432-UM |
| | | | | | P25 | P15 | P15 | P25 | P35 | P10 | M25 | M15 | M25 | M35 | K15 | K20 | S25 | S15 | |

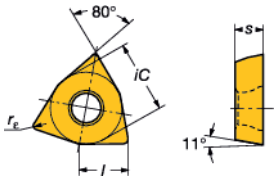
★= Primera elección

Para las dimensiones, ver clave de códigos en la página A16.

A90 A238 A331 I1 A426 A412 A434 A2

# CoroTurn® 111

## Trigonales 80°




Para áreas de aplicación ISO, ver final de la tabla.

| | | ISO | | iC | P | | | | M | | | K | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC 1515 | GC 4215 | GC 4225 | CT 5015 | GC 1125 | GC 2015 | GC 2025 | GC 3215 | |
| Acabado | WPMT-PF | WPMT 02 01 02-PF | 02 | 5/32 | ☆ | | | ★ | | | | | WPMT 1.2(1)0-PF |
| | | WPMT 02 01 04-PF | | | ☆ | ★ | ☆ | | | | | | WPMT 1.2(1)1-PF |
| | | WPMT 04 02 02-PF | 04 | 1/4 | ☆ | | | ★ | | | | | WPMT 2(1.5)0-PF |
| | | WPMT 04 02 04-PF | | | ☆ | ★ | | ☆ | | | | | WPMT 2(1.5)1-PF |
| | WPMT-MF | WPMT 02 01 02-MF | 02 | 5/32 | | | | | ★ | | | | WPMT 1.2(1)0-MF |
| | | WPMT 02 01 04-MF | | | | | | | ☆ | ★ | ☆ | | WPMT 1.2(1)1-MF |
| | | WPMT 04 02 02-MF | 04 | 1/4 | | | | | ★ | | | | WPMT 2(1.5)0-MF |
| | | WPMT 04 02 04-MF | | | | | | | ★ | | | | WPMT 2(1.5)1-MF |
| | WPMT-KF | WPMT 04 02 04-KF | 04 | 1/4 | | | | | | | | ★ | WPMT 2(1.5)1-KF |
| Medio | WPMT-PM | WPMT 04 02 04-PM | 04 | 1/4 | | | ★ | | | | | | WPMT 2(1.5)1-PM |
| | | WPMT 04 02 08-PM | | | | | ★ | | | | | | WPMT 2(1.5)2-PM |
| | WPMT-MM | WPMT 04 02 04-MM | 04 | 1/4 | | | | | ☆ | | ★ | | WPMT 2(1.5)1-MM |
| | | WPMT 04 02 08-MM | | | | | | | ☆ | | ★ | | WPMT 2(1.5)2-MM |
| | | | | | P25 | P15 | P25 | P10 | M25 | M15 | M25 | K15 | |

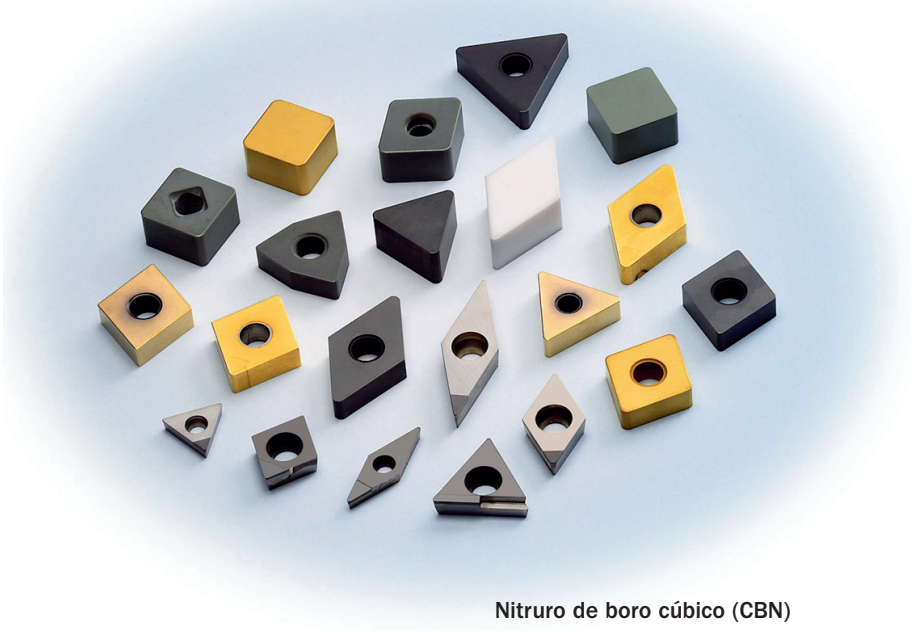
★= Primera elección

Para las dimensiones, ver clave de códigos en la página A16.

# Materiales de corte avanzados

## En plaquitas con forma básica negativa y positiva

**Las plaquitas de cerámica y de nitruro de boro cúbico para mecanizado de fundición, superaleaciones termorresistentes y materiales templados, y diamante policristalino para materiales no férreos**



### Cerámicas

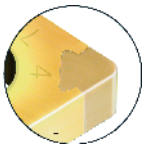
Disponible como plaquitas de forma básica negativas. La cadena de calidad cerámica consiste en calidades para fundición, superaleaciones termorresistentes y materiales endurecidos.

Existen plaquitas de cerámica disponibles con diferentes tipos de filo para distintas exigencias.

E = (ISO)
A = (ANSI)

### Nitruro de boro cúbico (CBN)

Disponible como plaquitas de forma básica negativas y positivas. La cadena de calidad CBN consta de distintas composiciones CBN para el mecanizado de acero templado, fundición y metales en polvo.



MCI

**Las plaquitas están disponibles en distintas variantes**

- Plaquitas multipunta (MCI) - Safe Lok
- Plaquitas de una sola punta
- Plaquitas con una cara completa

### Tecnología Wiper

Impulsora de productividad de Sandvik Coromant. Disponible tanto para plaquitas de cerámica como de nitruro de boro cúbico.

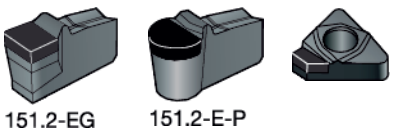
- Doble avance - mismo acabado superficial
- Mismo avance - acabado superficial el doble de bueno

Áreas de aplicación ISO:

### Diamante policristalino (PCD)

Disponible como plaquitas de forma básica positivas para mecanizado productivo de materiales no férreos. Las plaquitas están disponibles como

- Plaquitas de una sola punta
- Metal duro con recubrimiento de diamante



151.2-EG 151.2-E-P

### Otras áreas de mecanizado

- Tronzado & ranurado: disponibles plaquitas de cerámica, CBN y PCD, consulte el capítulo B.
- Roscado: plaquitas de perfil en V disponibles en CBN, consulte el capítulo C.

# Información adicional sobre claves de códigos para materiales avanzados

## Métrica

| C | N | G | A | 12 | 04 | 08 | T | 010 | 20 | R | A | WG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |

## Pulgadas

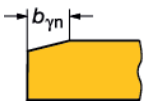
| C | N | G | A | 4 | 3 | 2 | T | 03 | 20 | R | A | WG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |

Los códigos de 1-7 se encuentran en la página A16

### 8 Estado del filo

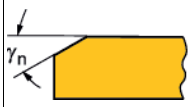
| | | |
|---|---|---|
| F | | Filo de corte agudizado |
| E (A) | | Arista de corte tratada ER<br>A (pulgadas)<br>E (sistema métrico) |
| T | | Faceta negativa |
| K | | Facetas negativa dobles |
| S | | Faceta negativa y filo de corte con tratamiento ER |

### 9 Anchura de chaflán




| ISO mm | Pulgadas ANSI |
|---|---|
| 010 byn = 0.10 | 03 bγn = (.003) |
| 025 byn = 0.25 | 08 bγn = (.008) |
| 070 byn = 0.70 | 30 bγn = (.030) |
| 150 byn = 1.50 | 60 bγn = (.060) |
| 200 byn = 2.00 | 80 bγn = (.080) |

### 10 Ángulo del chaflán, grados




15 yn = 15°
20 yn = 20°

### 11 Sentido de la plaquita

Las plaquitas diseñadas para mecanizar a derecha o a izquierda se muestran a continuación.

| | |
|---|---|
| R | Diseño a derecha |
| L | Diseño a izquierda |

### 12 Tipo de plaquita (CBN, PCD)

Para hacer frente a las diferentes demandas del mecanizado se han fabricado varios tipos de plaquitas, como las CBN y PCD. Sandvik Coromant utiliza una letra para las variantes para identificar fácilmente los diferentes tipos.

**A** CBN, Plaquitas multipuntas
- Totalmente intercambiable
- Porción de CBN sinterizada a lo largo de toda la esquina de la plaquita de metal duro

**E** CBN, Plaquitas de una sola punta
- No intercambiable
- Aportación de CBN soldada a una de las puntas de la plaquita en su cara superior

**F** CBN, Plaquitas multipuntas
- Intercambiable
- Aportación de nitruro de boro cúbico al filo de la plaquita de metal duro

**D** CBN, Plaquitas con nitruro de boro en toda una cara
- Intercambiable
- Aportación de CBN en toda la cara superior de la plaquita

**P** PCD, Plaquitas de una sola punta
- No intercambiable
- Aportación soldada de PCD en una esquina de la cara superior de la plaquita

### 13 Geometría Wiper

Con el uso de las cerámicas y las CBN se logra un acabado de superficies de alta calidad. Sandvik Coromant ha adaptado su reputada tecnología Wiper a las plaquitas en materiales avanzados para mejorar notablemente la productividad en este tipo de operaciones.

**WG** Geometría Wiper para el mecanizado en general
Apropiada para el acabado de fundición gris
Permite velocidades de avance más elevadas

**WH** Geometría Wiper optimizada para el torneado de piezas templadas (HPT)
Capaz de competir con el rectificado
Diseñada para obtener el máximo rendimiento con las velocidades de avance de acabado HTP

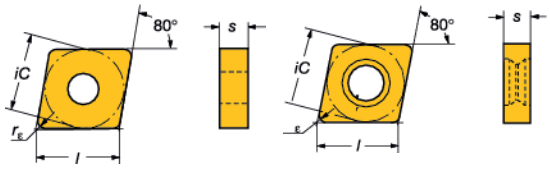
**XA** Plaquitas Xcel

# Plaquitas negativas

## Plaquitas negativas - T-Max P

## Rómbica 80°

**CNGA** **CNGQ**




Para áreas de aplicación ISO, ver final de la tabla.

Nota: la calidad CB7025 no tiene recubrimiento.

| | ISO | □ | iC | $l_a$ mm | $l_a$ pulgadas | K | | | | | S | H | | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | CC 1690 | CC 6190 | CC 620 | CC 650 | CB 7525 | CC 650 | CC 6050 | CC 650 | CB 7015 | CB 7025 | CB 7035 | CB 7525 | CB CB20 | |
| | CNGA090304S01530B | 09 | 3/8 | 1.8 | .071 | | | | | | | | | | | ☆ | | | CNGA321S0630B |
| | CNGA090308S01530B | | | 2.0 | .079 | | | | | | | | | | | ☆ | | | CNGA322S0630B |
| | CNGA120404S01530B | 12 | 1/2 | 1.8 | .071 | | | | | | | | | | | ☆ | | | CNGA431S0630B |
| | CNGA120408S01530B | | | 2.0 | .079 | | | | | | | | | | | ☆ | | | CNGA432S0630B |
| | CNGA120408S01530B | | | 2.7 | .106 | | | | | | | | | | | | ☆ | | CNGA432S0630B |
| | CNGA120408S02035B | | | 2.0 | .079 | | | | | | | | | | | ☆ | | | CNGA432S0835B |
| | CNGA120412S01530B | | | 2.3 | .091 | | | | | | | | | | | ☆ | | | CNGA433S0630B |
| | CNGA120412S01530B | | | 2.7 | .106 | | | | | | | | | | | | ☆ | | CNGA433S0630B |
| | CNGA120412S02035B | | | 2.3 | .091 | | | | | | | | | | | ☆ | | | CNGA433S0835B |
| | CNGA120416S01530B | | | 2.7 | .106 | | | | | | | | | | | ☆ | | | CNGA434S0630B |
| | CNGA120416S02035B | | | 2.7 | .106 | | | | | | | | | | | ☆ | | | CNGA434S0835B |
| | CNGA120404S01530BWH | 12 | 1/2 | 1.8 | .071 | | | | | | | | | | | ☆ | | | CNGA431S0630BWH |
| | CNGA120408S01530BWG | | | 2.0 | .079 | | | | | | | | | | | ☆ | | | CNGA432S0630BWG |
| | CNGA120408S01530BWH | | | 2.0 | .079 | | | | | | | | | | | ☆ | | | CNGA432S0630BWH |
| | CNGA120412S01530BWG | | | 2.3 | .091 | | | | | | | | | | | ☆ | | | CNGA433S0630BWG |
| | CNGA120412S01530BWH | | | 2.3 | .091 | | | | | | | | | | | ☆ | | | CNGA433S0630BWH |
| | CNGA120408T01020WG | 12 | 1/2 | | | | ☆ | | ☆ | | ☆ | | ☆ | | | | | | CNGA432T0320WG |
| | CNGA120412T01020WG | | | | | | ☆ | | ☆ | | ☆ | | ☆ | | | | | | CNGA433T0320WG |
| | CNGA120416T01020WG | | | | | | ☆ | | | | | | | | | | | | CNGA434T0320WG |
| | CNGQ 120708 T02520WG | 12 | 1/2 | | | | ☆ | | | | | | | | | | | | CNGQ452T0820WG |
| | CNGQ120712T02520WG | | | | | | ☆ | | | | | | | | | | | | CNGQ453T0820WG |
| | CNGA120404S01525WH | 12 | 1/2 | | | | | | | | | ☆ | | | | | | | CNGA431S0625WH |
| | CNGA120408S01525WH | | | | | | | | | | | ☆ | | | | | | | CNGA432S0625WH |
| | CNGA120412S01525WH | | | | | | | | | | | ☆ | | | | | | | CNGA433S0625WH |
| | CNGA120408T01525WH | | | | | | | | | | | ☆ | | | | | | | CNGA432T0625WH |
| | CNGA 12 04 04S01525 | 12 | 1/2 | | | | | | | | | ☆ | | | | | | | CNGA431S0625 |
| | CNGA 12 04 08S01525 | | | | | | | | | | | ☆ | | | | | | | CNGA432S0625 |
| | CNGA 12 04 12S01525 | | | | | | | | | | | ☆ | | | | | | | CNGA433S0625 |
| | CNGA 12 04 08T01525 | | | | | | | | | | | ☆ | | | | | | | CNGA432T0625 |
| | CNGA 12 04 08T01020 | 12 | 1/2 | | | | | | ☆ | | ☆ | | ☆ | | | | | | CNGA432T0320 |
| | CNGA 12 04 12T01020 | | | | | | | | ☆ | | ☆ | | ☆ | | | | | | CNGA433T0320 |
| | CNGA 12 04 16T01020 | | | | | | | | ☆ | | ☆ | | ☆ | | | | | | CNGA434T0320 |
| | CNGA 16 06 08T01020 | 16 | 5/8 | | | | | | ☆ | | ☆ | | ☆ | | | | | | CNGA542T0320 |
| | CNGA 16 06 12T01020 | | | | | | | | ☆ | | ☆ | | ☆ | | | | | | CNGA543T0320 |
| | CNGA 12 04 08T02520 | 12 | 1/2 | | | ☆ | ☆ | ☆ | | | | | | | | | | | CNGA432T0820 |
| | CNGA 12 04 12T02520 | | | | | ☆ | ☆ | | | | | | | | | | | | CNGA433T0820 |
| | CNGA 12 04 16T02520 | | | | | ☆ | ☆ | | | | | | | | | | | | CNGA434T0820 |
| | CNGA 16 06 12T02520 | 16 | 5/8 | | | | ☆ | | | | | | | | | | | | CNGA543T0820 |
| | CNGA 16 06 16T02520 | | | | | ☆ | ☆ | | | | | | | | | | | | CNGA544T0820 |
| | CNGA 19 06 16T02520 | 19 | 3/4 | | | | ☆ | | | | | | | | | | | | CNGA644T0820 |
| | | | | | | K10 | K10 | K01 | K01 | K05 | S05 | H05 | H05 | H15 | H25 | H30 | H30 | H01 | |

Para las dimensiones, ver clave de códigos en la página A16.

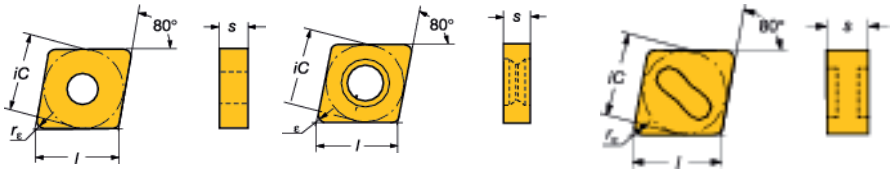
A90 A238 A331 I1 A426 A412 A434 A2

# Plaquitas negativas

## Plaquitas negativas - T-Max P

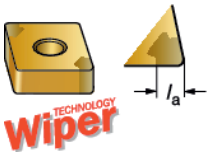
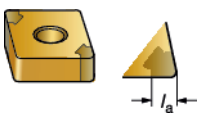
## Rómbica 80°

**CNGA** **CNGQ** **CNGX**




Para áreas de aplicación ISO, ver final de la tabla.

Nota: la calidad CB7025 no tiene recubrimiento.

| | ISO | □ | iC | $l_a$ mm | $l_a$ pulgadas | K | | | | | S | H | | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | CC | CC | CC | CC | CB | CC | CC | CC | CB | CB | CB | CB | | |
| | | | | | | 1690 | 6190 | 620 | 650 | 7525 | 650 | 6050 | 650 | 7015 | 7025 | 7035 | 7525 | CB20 | |
| | CNGQ 12 07 08T02520 | 12 | 1/2 | | | | ☆ | | | | | | | | | | | | CNGQ452T0820 |
| | CNGQ 12 07 12T02520 | | | | | | ☆ | | | | | | | | | | | | CNGQ453T0820 |
| | CNGQ 12 07 16T02520 | | | | | | ☆ | | | | | | | | | | | | CNGQ454T0820 |
| | CNGX120712T02520 | 12 | 1/2 | | | | ☆ | | | | | | | | | | | | CNGX453T0820 |
| | CNGX120716T02520 | | | | | | ☆ | | | | | | | | | | | | CNGX454T0820 |
|  | CNGA120408S01030AWG | 12 | 1/2 | 2.7 | .106 | | | | | | | | | ☆ | ☆ | | | | CNGA432S0330AWG |
| | CNGA120412S01030AWG | | | 2.7 | .106 | | | | | | | | | ☆ | ☆ | | | | CNGA433S0330AWG |
| | CNGA090304S01030AWH | 09 | 3/8 | 2.3 | .091 | | | | | | | | | | ☆ | | | | CNGA321S0330AWH |
| | CNGA090308S01030AWH | | | 2.2 | .087 | | | | | | | | | | ☆ | | | | CNGA322S0330AWH |
| | CNGA120404S01030AWH | 12 | 1/2 | 2.8 | .110 | | | | | | | | | | ☆ | | | | CNGA431S0330AWH |
| | CNGA120408S01030AWH | | | 2.7 | .106 | | | | | | | | | ☆ | ☆ | | | | CNGA432S0330AWH |
| | CNGA120412S01030AWH | | | 2.7 | .106 | | | | | | | | | | ☆ | | | | CNGA433S0330AWH |
| | CNGA090304T01030AWH | 09 | 3/8 | 2.3 | .091 | | | | | | | | | ☆ | | | | | CNGA321T0330AWH |
| | CNGA090308T01030AWH | | | 2.2 | .087 | | | | | | | | | ☆ | | | | | CNGA322T0330AWH |
| | CNGA120404T01030AWH | 12 | 1/2 | 2.8 | .110 | | | | | | | | | ☆ | | | | | CNGA431T0330AWH |
| | CNGA120408T01030AWH | | | 2.7 | .106 | | | | | | | | | ☆ | | | | | CNGA432T0330AWH |
| | CNGA120412T01030AWH | | | 2.7 | .106 | | | | | | | | | ☆ | | | | | CNGA433T0330AWH |
| | CNGA120404T01020BWG | 12 | 1/2 | 2.8 | .110 | | | | | ☆ | | | | | | | ☆ | | CNGA431T0320BWG |
| | CNGA120408T01020BWG | | | 2.7 | .106 | | | | | ☆ | | | | | | | ☆ | | CNGA432T0320BWG |
|  | CNGA090304S01030A | 09 | 3/8 | 2.3 | .091 | | | | | | | | | ☆ | ☆ | | | | CNGA321S0330A |
| | CNGA090308S01030A | | | 2.2 | .087 | | | | | | | | | ☆ | ☆ | | | | CNGA322S0330A |
| | CNGA120404S01030A | 12 | 1/2 | 2.8 | .110 | | | | | | | | | ☆ | ☆ | | | | CNGA431S0330A |
| | CNGA120408S01030A | | | 2.7 | .106 | | | | | | | | | ☆ | ☆ | | | | CNGA432S0330A |
| | CNGA120412S01030A | | | 2.7 | .106 | | | | | | | | | ☆ | ☆ | | | | CNGA433S0330A |
| | CNGA120416S01030A | | | 1.5 | .059 | | | | | | | | | ☆ | ☆ | | | | CNGA434S0330A |
| | | | | | | K10 | K10 | K01 | K01 | K05 | S05 | H05 | H05 | H15 | H25 | H30 | H30 | H01 | |

Para las dimensiones, ver clave de códigos en la página A16.

A90 A238 A331 I1 A426 A412 A434 A2



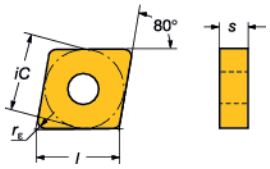
SANDVIK Coromant

# Plaquitas negativas

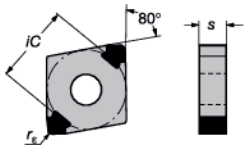
## Plaquitas negativas - T-Max P

### Rómbica 80°

**CNGA, CNMA**

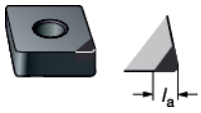



**CNGX**




Para áreas de aplicación ISO, ver final de la tabla.

Nota: la calidad CB7025 no tiene recubrimiento.

| | ISO | □ | iC | $l_a$ mm | $l_a$ pulgadas | K | | | | | S | H | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | CC | CC | CC | CC | CB | CC | CC | CC | CB | CB | CB | CB | |
| | | | | | | 1690 | 6190 | 620 | 650 | 7525 | 650 | 6050 | 650 | 7015 | 7025 | 7035 | 7525 | CB20 | |
| | CNGA120404T01020B | 12 | 1/2 | 2.8 | .110 | | | | | ☆ | | | | | | | ☆ | | CNGA431T0320B |
| | CNGA120408T01020B | | | 2.7 | .106 | | | | | ☆ | | | | | | | ☆ | | CNGA432T0320B |
| | CNGA120412T01020B | | | 2.7 | .106 | | | | | ☆ | | | | | | | ☆ | | CNGA433T0320B |
| | CNGX1204L025-18AXA | 12 | 1/2 | 2.6 | .102 | | | | | | | | | ☆ | ☆ | ☆ | | | CNGX1204L025-18AXA |
| | CNGX1204L025-18BXA | | | 2.6 | .102 | | | | | | | | | | | | | | CNGX1204L025-18BXA |
|  | CNMA120404S01020E | 12 | 1/2 | 2.8 | .110 | | | | | | | | | | | | | ☆ | CNMA431S0320E |
| | CNMA120408S01020E | | | 2.8 | .110 | | | | | | | | | | | | | ☆ | CNMA432S0320E |
| | CNMA120412S01020E | | | 2.7 | .106 | | | | | | | | | | | | | ☆ | CNMA433S0320E |
| | | | | | | K10 | K10 | K01 | K01 | K05 | S05 | H05 | H05 | H15 | H25 | H30 | H30 | H01 | |

Para las dimensiones, ver clave de códigos en la página A16.

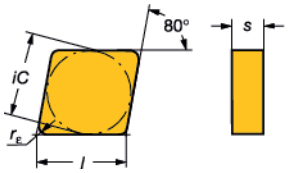
A90 A238 A331 I1 A426 A412 A434 A2

# Plaquitas negativas

## Plaquitas negativas - T-Max P

## Rómbica 80°

### CNGN/CNG




Para áreas de aplicación ISO, ver final de la tabla.

| | ISO | ⊡ | iC | $l_a$ pulgadas | K | | | | | S | | | | H | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | CC | CC | CC | CC | CB | CC | CC | CC | CC | CC | CC | |
| | | | | | 1690 | 6190 | 620 | 650 | 7925 | 6060 | 6065 | 650 | 670 | 650 | 670 | |
| | CNGN120408E | 12 | 1/2 | | | | | | | | ☆ | | | | | CNG432A |
| | CNGN120412E | | | | | | | | | | ☆ | | | | | CNG433A |
| | CNGN120708E | | | | | | | | | | ☆ | | | | | CNG452A |
| | CNGN120712E | | | | | | | | | | ☆ | | | | | CNG453A |
| | CNGN 12 04 08T01020 | | | | | | | ☆ | | | | ☆ | ☆ | ☆ | ☆ | CNG432T0320 |
| | CNGN 12 04 12T01020 | | | | | | | ☆ | | | | ☆ | ☆ | ☆ | ☆ | CNG433T0320 |
| | CNGN 12 04 16T01020 | | | | | | | ☆ | | | | ☆ | ☆ | ☆ | ☆ | CNG434T0320 |
| | CNGN 12 07 08T01020 | | | | | | | ☆ | | ☆ | | ☆ | ☆ | ☆ | ☆ | CNG452T0320 |
| | CNGN 12 07 12T01020 | | | | | | | ☆ | | ☆ | | ☆ | ☆ | ☆ | ☆ | CNG453T0320 |
| | CNGN 12 07 16T01020 | | | | | | | ☆ | | ☆ | | ☆ | ☆ | ☆ | ☆ | CNG454T0320 |
| | CNGN 16 07 08T01020 | 16 | 5/8 | | | | | ☆ | | | | ☆ | | ☆ | | CNG552T0320 |
| | CNGN 16 07 12T01020 | | | | | | | ☆ | | | | ☆ | ☆ | ☆ | ☆ | CNG553T0320 |
| | CNGN 16 07 16T01020 | | | | | | | ☆ | | | | ☆ | | ☆ | | CNG554T0320 |
| | CNGN 12 04 08T02520 | 12 | 1/2 | | | ☆ | | | | | | | | | | CNG432T0820 |
| | CNGN 12 04 12T02520 | | | | ☆ | ☆ | | ☆ | | | | ☆ | ☆ | ☆ | ☆ | CNG433T0820 |
| | CNGN 12 04 16T02520 | | | | ☆ | ☆ | | | | | | | | | | CNG434T0820 |
| | CNGN 12 07 08T02520 | | | | ☆ | ☆ | | | | | | | | | | CNG452T0820 |
| | CNGN 12 07 12T02520 | | | | ☆ | ☆ | ☆ | ☆ | | | | ☆ | | ☆ | | CNG453T0820 |
| | CNGN 12 07 16T02520 | | | | ☆ | ☆ | | | | | | | | | | CNG454T0820 |
| | CNGN120412S02520M | 12 | 1/2 | | | | | | ☆ | | | | | | | CNG433S0820M |
| | CNGN120416S02520M | | | | | | | | ☆ | | | | | | | CNG434S0820M |
| | | | | | K10 | K10 | K01 | K01 | K05 | S10 | S15 | S05 | S15 | H05 | H10 | |

Para las dimensiones, ver clave de códigos en la página A16.

A90 A238 A331 I1 A426 A412 A434 A2



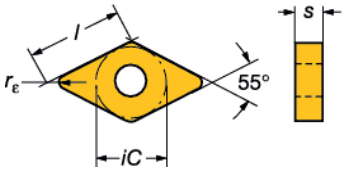
SANDVIK Coromant

# Plaquitas negativas

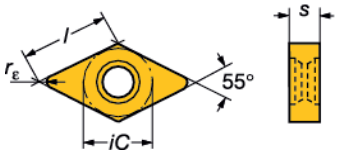
## Plaquitas negativas - T-Max P

### Rómbica 55°

**DNGA**

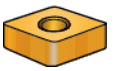
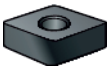
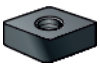
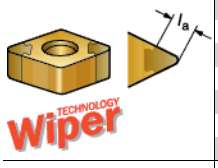
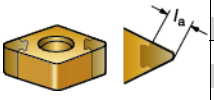



**DNGQ**




Para áreas de aplicación ISO, ver final de la tabla.

Nota: la calidad CB7025 no tiene recubrimiento.

| | ISO | | iC | $l_a$ mm | $l_a$ pulgadas | K | | | | | S | H | | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | CC | CC | CC | CC | CB | CC | CC | CC | CB | CB | CB | CB | CB | |
| | | | | | | 1690 | 6190 | 620 | 650 | 7525 | 650 | 6050 | 650 | 7015 | 7025 | 7035 | 7525 | CB20 | |
| | DNGA110404S01530B | 11 | 3/8 | 1.8 | .071 | | | | | | | | | | | ☆ | | | DNGA331S0630B |
| | DNGA110408S01530B | | | 2.1 | .083 | | | | | | | | | | | ☆ | | | DNGA332S0630B |
| | DNGA110408S02035B | | | 2.1 | .083 | | | | | | | | | | | ☆ | | | DNGA332S0835B |
| | DNGA150404S01530B | 15 | 1/2 | 1.8 | .071 | | | | | | | | | | | ☆ | | | DNGA431S0630B |
| | DNGA150408S01530B | | | 2.1 | .083 | | | | | | | | | | | ☆ | | | DNGA432S0630B |
| | DNGA150408S01530B | | | 3.4 | .134 | | | | | | | | | | | | ☆ | | DNGA432S0630B |
| | DNGA150408S02035B | | | 2.1 | .083 | | | | | | | | | | | ☆ | | | DNGA432S0835B |
| | DNGA150412S01530B | | | 2.4 | .094 | | | | | | | | | | | ☆ | | | DNGA433S0630B |
| | DNGA150412S01530B | | | 3.0 | .118 | | | | | | | | | | | | ☆ | | DNGA433S0630B |
| | DNGA150412S02035B | | | 2.4 | .094 | | | | | | | | | | | ☆ | | | DNGA433S0835B |
| | DNGA150416S01530B | | | 2.9 | .114 | | | | | | | | | | | ☆ | | | DNGA434S0630B |
| | DNGA150408S01530BWH | 15 | 1/2 | 2.1 | .083 | | | | | | | | | | | ☆ | | | DNGA432S0630BWH |
| | DNGA150412S01530BWH | | | 2.4 | .094 | | | | | | | | | | | ☆ | | | DNGA433S0630BWH |
|  | DNGA 15 04 04S01525 | 15 | 1/2 | | | | | | | | | ☆ | | | | | | | DNGA431S0625 |
| | DNGA150408S01525 | | | | | | | | | | | ☆ | | | | | | | DNGA432S0625 |
| | DNGA150412S01525 | | | | | | | | | | | ☆ | | | | | | | DNGA433S0625 |
| | DNGA150604S01525 | | | | | | | | | | | ☆ | | | | | | | DNGA441S0625 |
| | DNGA150608S01525 | | | | | | | | | | | ☆ | | | | | | | DNGA442S0625 |
| | DNGA150612S01525 | | | | | | | | | | | ☆ | | | | | | | DNGA443S0625 |
| | DNGA150408T01525 | | | | | | | | | | | ☆ | | | | | | | DNGA432T0625 |
| | DNGA150608T01525 | | | | | | | | | | | ☆ | | | | | | | DNGA442T0625 |
|  | DNGA 15 04 08T01020 | 15 | 1/2 | | | | | | ☆ | | ☆ | | ☆ | | | | | | DNGA432T0320 |
| | DNGA 15 04 12T01020 | | | | | | | | ☆ | | ☆ | | ☆ | | | | | | DNGA433T0320 |
| | DNGA 15 04 16T01020 | | | | | | | | ☆ | | ☆ | | ☆ | | | | | | DNGA434T0320 |
| | DNGA 15 04 08T02520 | | | | | ☆ | ☆ | ☆ | | | | | | | | | | | DNGA432T0820 |
| | DNGA 15 04 12T02520 | | | | | ☆ | ☆ | | | | | | | | | | | | DNGA433T0820 |
| | DNGA 15 04 16T02520 | | | | | | ☆ | | | | | | | | | | | | DNGA434T0820 |
|  | DNGQ 150708 T02520 | 15 | 1/2 | | | | ☆ | | | | | | | | | | | | DNGQ452T0820 |
| | DNGQ 150712 T02520 | | | | | | ☆ | | | | | | | | | | | | DNGQ453T0820 |
| | DNGQ 150716 T02520 | | | | | | ☆ | | | | | | | | | | | | DNGQ454T0820 |
|  | DNGA150408S01030AWH | 15 | 1/2 | 3.4 | .134 | | | | | | | | | ☆ | ☆ | | | | DNGA432S0330AWH |
| | DNGA150412S01030AWH | | | 3.0 | .118 | | | | | | | | | ☆ | ☆ | | | | DNGA433S0330AWH |
|  | DNGA110404S01030A | 11 | 3/8 | 3.0 | .118 | | | | | | | | | ☆ | ☆ | | | | DNGA331S0330A |
| | DNGA110408S01030A | | | 2.6 | .102 | | | | | | | | | ☆ | ☆ | | | | DNGA332S0330A |
| | DNGA 150416S01030A | 15 | 1/2 | 2.7 | .106 | | | | | | | | | ☆ | | | | | DNGA434S0330A |
| | DNGA150404S01030A | | | 3.8 | .15 | | | | | | | | | ☆ | ☆ | | | | DNGA431S0330A |
| | DNGA150408S01030A | | | 3.4 | .134 | | | | | | | | | ☆ | ☆ | | | | DNGA432S0330A |
| | DNGA150412S01030A | | | 3.0 | .118 | | | | | | | | | ☆ | ☆ | | | | DNGA433S0330A |
| | DNGA110412S01030A | 11 | 3/8 | 1.0 | .039 | | | | | | | | | ☆ | | | | | DNGA333S0330A |
| | | | | | | K10 | K10 | K01 | K01 | K05 | S05 | H05 | H05 | H15 | H25 | H30 | H30 | H01 | |

Para las dimensiones, ver clave de códigos en la página A16.

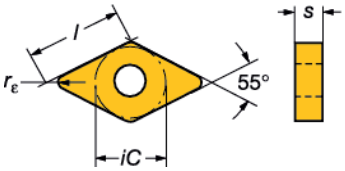
A90 A238 A331 I1 A426 A412 A434 A2

# Plaquitas negativas

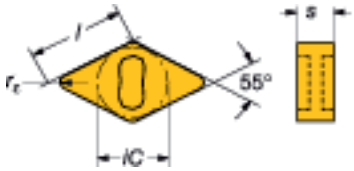
## Plaquitas negativas - T-Max P

## Rómbica 55°

**DNGA, DNMA**




**DNGX**




Para áreas de aplicación ISO, ver final de la tabla.

Nota: la calidad CB7025 no tiene recubrimiento.

| | ISO | | iC | $l_a$ mm | $l_a$ pulgadas | K | | | | | S | H | | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | CC | CC | CC | CC | CB | CC | CC | CC | CB | CB | CB | CB | CB | |
| | | | | | | 1690 | 6190 | 620 | 650 | 7525 | 650 | 6050 | 650 | 7015 | 7025 | 7035 | 7525 | CB20 | |
| | DNGA110404T01020B | 11 | 3/8 | 3.4 | .134 | | | | | ☆ | | | | | | | ☆ | | DNGA331T0320B |
| | DNGA110408T01020B | | | 3.0 | .118 | | | | | ☆ | | | | | | | ☆ | | DNGA332T0320B |
| | DNMA150404S01020E | 15 | 1/2 | 3.3 | .130 | | | | | | | | | | | | | ☆ | DNMA431S0320E |
| | DNMA150408S01020E | | | 2.9 | .114 | | | | | | | | | | | | | ☆ | DNMA432S0320E |
| | DNMA150412S01020E | | | 2.6 | .102 | | | | | | | | | | | | | ☆ | DNMA433S0320E |
| | DNGX150712T02520 | 15 | 1/2 | | | | ☆ | | | | | | | | | | | | DNGX453T0820 |
| | DNGX150716T02520 | | | | | | ☆ | | | | | | | | | | | | DNGX454T0820 |
| | | | | | | K10 | K10 | K01 | K01 | K05 | S05 | H05 | H05 | H15 | H25 | H30 | H30 | H01 | |

Para las dimensiones, ver clave de códigos en la página A16.

A90 A238 A331 I1 A426 A412 A434 A2



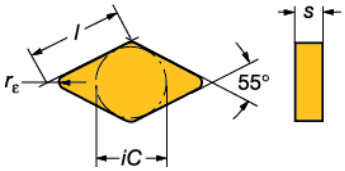
SANDVIK Coromant

# Plaquitas negativas

## Plaquitas negativas - T-Max P

### Rómbica 55°

**DNGN/DNG**



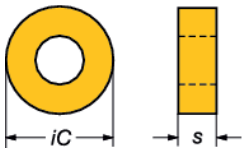

Para áreas de aplicación ISO, ver final de la tabla.

| | ISO | l | iC | pulgadas | K CC 620 | K CC 650 | S CC 650 | S CC 670 | H CC 650 | H CC 670 | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | DNGN 15 04 08T01020 | 15 | 1/2 | | | ☆ | ☆ | ☆ | ☆ | ☆ | DNG432T0320 |
| | DNGN 15 04 12T01020 | | | | | ☆ | ☆ | ☆ | ☆ | ☆ | DNG433T0320 |
| | DNGN 15 04 16T01020 | | | | | ☆ | ☆ | | ☆ | | DNG434T0320 |
| | DNGN 15 07 08T01020 | | | | | ☆ | ☆ | ☆ | ☆ | ☆ | DNG452T0320 |
| | DNGN 15 07 12T01020 | | | | | ☆ | ☆ | ☆ | ☆ | ☆ | DNG453T0320 |
| | DNGN 15 07 16T01020 | | | | | ☆ | ☆ | ☆ | ☆ | ☆ | DNG454T0320 |
| | DNGN 15 07 12T02520 | | | | ☆ | ☆ | ☆ | | ☆ | | DNG453T0820 |
| | DNGN 15 07 16K07015 | | | | | ☆ | ☆ | | ☆ | | DNG454K3015 |
| | DNGN 15 07 16T07015 | | | | | ☆ | ☆ | | ☆ | | DNG454T3015 |
| | | | | | K01 | K01 | S05 | S15 | H05 | H10 | |

Para las dimensiones, ver clave de códigos en la página A16.

## Redondas

**RNGA**




Para áreas de aplicación ISO, ver final de la página.

| | ISO | iC | pulgadas | K CC 650 | S CC 650 | H CC 650 | H CB CB20 | ANSI |
|---|---|---|---|---|---|---|---|---|
| | RNGA 12 04 00T01020 | 12 | 1/2 | ☆ | ☆ | ☆ | | RNGA43T0320 |
| | RNGA090300S01020D | 09 | 3/8 | | | | ☆ | RNGA32S0320D |
| | | | | K01 | S05 | H05 | H01 | |

Para las dimensiones, ver clave de códigos en la página A16.

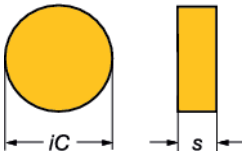
A90 A238 A331 I1 A426 A412 A434 A2

# Plaquitas negativas

## Plaquitas negativas - T-Max P

## Redondas

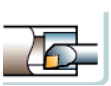
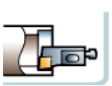
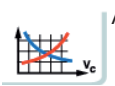
**RNGN/RNG**




Para áreas de aplicación ISO, ver final de la tabla.

| | ISO | iO | iC | K | | | | | | S | | | | H | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | CC | CC | CC | CC | CB | CB | CC | CC | CC | CC | CC | CC | CB | |
| | | | | 1690 | 6190 | 620 | 650 | 7925 | CB50 | 6060 | 6065 | 650 | 670 | 650 | 670 | CB50 | |
| | RNGN090300E | 09 | 3/8 | | | | | | | ☆ | | | | | | | RNG32A |
| | RNGN120400E | 12 | 1/2 | | | | | | | ☆ | ☆ | | | | | | RNG43A |
| | RNGN120700E | | | | | | | | | ☆ | ☆ | | ☆ | | ☆ | | RNG45A |
| | RNGN150700E | 15 | 5/8 | | | | | | | ☆ | | | | | | | RNG55A |
| | RNGN190700E | 19 | 3/4 | | | | | | | ☆ | ☆ | | | | | | RNG65A |
| | RNGN250700E | 25 | 1 | | | | | | | ☆ | | | ☆ | | | | RNG85A |
| | RNGN 09 03 00T01020 | 09 | 3/8 | | | | ☆ | | | | | ☆ | ☆ | ☆ | ☆ | | RNG32T0320 |
| | RNGN 12 04 00T01020 | 12 | 1/2 | | | | ☆ | | | | | ☆ | ☆ | ☆ | ☆ | | RNG43T0320 |
| | RNGN 12 07 00T01020 | | | | | | ☆ | | | ☆ | | ☆ | ☆ | ☆ | ☆ | | RNG45T0320 |
| | RNGN 15 07 00T01020 | 15 | 5/8 | | | | | | | | | | ☆ | | ☆ | | RNG55T0320 |
| | RNGN 190700 T01020 | 19 | 3/4 | | | | | | | ☆ | | | ☆ | | ☆ | | RNG65T0320 |
| | RNGN 12 04 00T02520 | 12 | 1/2 | ☆ | ☆ | | | | | | | | | | | | RNG43T0820 |
| | RNGN 12 07 00T02520 | | | ☆ | ☆ | ☆ | ☆ | | | | | ☆ | | ☆ | | | RNG45T0820 |
| | RNGN 15 07 00T02520 | 15 | 5/8 | | | | ☆ | | | | | ☆ | | ☆ | | | RNG55T0820 |
| | RNGN 12 07 00T15015 | 12 | 1/2 | | | | ☆ | | | | | ☆ | | ☆ | | | RNG45T6015 |
| | RNGN 15 07 00T20015 | 15 | 5/8 | | | | ☆ | | | | | ☆ | | ☆ | | | RNG55T8015 |
| | RNGN 19 07 00T20015 | 19 | 3/4 | | | | ☆ | | | | | ☆ | | ☆ | | | RNG65T8015 |
| | RNGN 25 07 00T20015 | 25 | 1 | | | | ☆ | | | | | ☆ | | ☆ | | | RNG85T8015 |
| | RNGN 12 07 00K15015 | 12 | 1/2 | | | | ☆ | | | | | ☆ | | ☆ | | | RNG45K6015 |
| | RNGN 19 07 00K20015 | 19 | 3/4 | | | | ☆ | | | | | ☆ | ☆ | ☆ | ☆ | | RNG65K8015 |
| | RNGN 25 07 00K20015 | 25 | 1 | | | | ☆ | | | | | ☆ | ☆ | ☆ | ☆ | | RNG85K8015 |
| | | | | K10 | K10 | K01 | K01 | K05 | K05 | S10 | S15 | S05 | S15 | H05 | H10 | H05 | |

Para las dimensiones, ver clave de códigos en la página A16.

A90
 A238
 A331
I1
 A426
A412
A434
A2



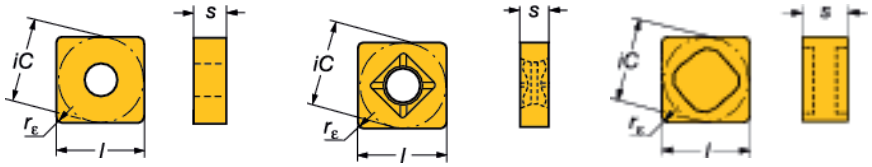
SANDVIK Coromant

# Plaquitas negativas

## Plaquitas negativas - T-Max P

### Cuadradas

**SNGA/SNMA** **SNGQ** **SNGX**




Para áreas de aplicación ISO, ver final de la tabla.

Nota: la calidad CB7025 no tiene

| | ISO | d □ | iC | $l_a$ mm | $l_a$ pulgadas | K CC 1690 | K CC 6190 | K CC 650 | K CB 7525 | S CC 650 | H CC 6050 | H CC 650 | H CB 7015 | H CB 7025 | H CB 7035 | H CB 7525 | H CB CB20 | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | SNGA120408S01530B | 12 | 1/2 | 2.1 | .083 | | | | | | | | | | ☆ | | | SNGA432S0630B |
| | SNGA120412S01530B | | | 2.8 | .110 | | | | | | | | | | ☆ | | | SNGA433S0630B |
| | SNGA120408S01525 | 12 | 1/2 | | | | | | | | ☆ | | | | | | | SNGA432S0625 |
| | SNGA120412S01525 | | | | | | | | | | ☆ | | | | | | | SNGA433S0625 |
| | SNGA120408T01525 | | | | | | | | | | ☆ | | | | | | | SNGA432T0625 |
| | SNGA 12 04 08T01020 | 12 | 1/2 | | | | | ☆ | | ☆ | | ☆ | | | | | | SNGA432T0320 |
| | SNGA 12 04 12T01020 | | | | | | | ☆ | | ☆ | | ☆ | | | | | | SNGA433T0320 |
| | SNGA120416T01020 | | | | | | | ☆ | | ☆ | | ☆ | | | | | | SNGA434T0320 |
| | SNGA 12 04 08T02520 | | | | | ☆ | ☆ | | | | | | | | | | | SNGA432T0820 |
| | SNGA 12 04 12T02520 | | | | | ☆ | ☆ | | | | | | | | | | | SNGA433T0820 |
| | SNGA 12 04 16T02520 | | | | | | ☆ | | | | | | | | | | | SNGA434T0820 |
| | SNGQ 120708 T02520 | 12 | 1/2 | | | | ☆ | | | | | | | | | | | SNGQ452T0820 |
| | SNGQ 120712 T02520 | | | | | | ☆ | | | | | | | | | | | SNGQ453T0820 |
| | SNGQ 120716 T02520 | | | | | | ☆ | | | | | | | | | | | SNGQ454T0820 |
| | SNGA090308S01030A | 09 | 3/8 | 2.1 | .083 | | | | | | | | ☆ | ☆ | | | | SNGA322S0330A |
| | SNGA120408S01030A | 12 | 1/2 | 2.7 | .106 | | | | | | | | ☆ | ☆ | | | | SNGA432S0330A |
| | SNGA120412S01030A | | | 2.7 | .106 | | | | | | | | ☆ | ☆ | | | | SNGA433S0330A |
| | SNGA120408T01020B | 12 | 1/2 | 2.7 | .106 | | | | ☆ | | | | | | | ☆ | | SNGA432T0320B |
| | SNGA120412T01020B | | | 2.7 | .106 | | | | ☆ | | | | | | | ☆ | | SNGA433T0320B |
| | SNMA120408S01020E | 12 | 1/2 | 3.4 | .134 | | | | | | | | | | | | ☆ | SNMA432S0320E |
| | SNMA120412S01020E | | | 3.4 | .134 | | | | | | | | | | | | ☆ | SNMA433S0320E |
| | SNGX120712T02520 | 12 | 1/2 | | | | ☆ | | | | | | | | | | | SNGX453T0820 |
| | SNGX120716T02520 | | | | | | ☆ | | | | | | | | | | | SNGX454T0820 |
| | | | | | | K10 | K10 | K01 | K05 | S05 | H05 | H05 | H15 | H25 | H30 | H30 | H01 | |

Para las dimensiones, ver clave de códigos en la página A16.

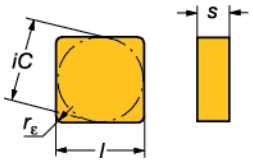
A90 A238 A331 I1 A426 A412 A434 A2

# Plaquitas negativas

## Plaquitas negativas - T-Max P

## Cuadradas

### SNGN/SNG




Para áreas de aplicación ISO, ver final de la tabla.

| | ISO | □ | iC | K | | | | | | N | S | | | | H | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | CC | CC | CC | CC | CB | CB | CD | CC | CC | CC | CC | CC | CC | CB | |
| | | | | 1690 | 6190 | 620 | 650 | 7925 | CB50 | CD10 | 6060 | 6065 | 650 | 670 | 650 | 670 | CB50 | |
| | SNGN120412E | 12 | 1/2 | | | | | | | | | ☆ | | | | | | SNG433A |
| | SNGN120712E | | | | | | | | | | ☆ | | | | | | | SNG453A |
| | SNGN190724E | 19 | 3/4 | | | | | | | | ☆ | | | | | | | SNG656A |
| | SNGN 09 03 08T01020 | 09 | 3/8 | | | | ☆ | | | | | | ☆ | ☆ | ☆ | ☆ | | SNG322T0320 |
| | SNGN 09 03 12T01020 | | | | | | ☆ | | | | | | ☆ | | ☆ | | | SNG323T0320 |
| | SNGN 12 04 08T01020 | 12 | 1/2 | | | | ☆ | | | | | | ☆ | ☆ | ☆ | ☆ | | SNG432T0320 |
| | SNGN 12 04 12T01020 | | | | | | ☆ | | | | | | ☆ | ☆ | ☆ | ☆ | | SNG433T0320 |
| | SNGN 12 04 16T01020 | | | | | | ☆ | | | | | | ☆ | ☆ | ☆ | ☆ | | SNG434T0320 |
| | SNGN 12 07 08T01020 | | | | | | ☆ | | | | | | ☆ | ☆ | ☆ | ☆ | | SNG452T0320 |
| | SNGN 12 07 12T01020 | | | | | | ☆ | | | | ☆ | | ☆ | ☆ | ☆ | ☆ | | SNG453T0320 |
| | SNGN 12 07 16T01020 | | | | | | ☆ | | | | | | ☆ | ☆ | ☆ | ☆ | | SNG454T0320 |
| | SNGN 15 07 08T01020 | 15 | 5/8 | | | | ☆ | | | | | | ☆ | | ☆ | | | SNG552T0320 |
| | SNGN 15 07 12T01020 | | | | | | | | | | | | | ☆ | | ☆ | | SNG553T0320 |
| | SNGN 15 07 16T01020 | | | | | | ☆ | | | | | | ☆ | ☆ | ☆ | ☆ | | SNG554T0320 |
| | SNGN 19 07 24T01020 | 19 | 3/4 | | | | ☆ | | | | | | ☆ | ☆ | ☆ | ☆ | | SNG656T0320 |
| | SNGN 190716 T01020 | | | | | | ☆ | | | | | | ☆ | | ☆ | | | SNG654T0320 |
| | SNGN 12 04 08T02520 | 12 | 1/2 | | ☆ | | | | | | | | | | | | | SNG432T0820 |
| | SNGN 12 04 12T02520 | | | | ☆ | | ☆ | | | | | | ☆ | | ☆ | | | SNG433T0820 |
| | SNGN 12 04 16T02520 | | | ☆ | ☆ | | | | | | | | | | | | | SNG434T0820 |
| | SNGN 12 07 08T02520 | | | | ☆ | ☆ | | | | | | | | | | | | SNG452T0820 |
| | SNGN 12 07 12T02520 | | | ☆ | ☆ | ☆ | ☆ | | | | | | ☆ | | ☆ | | | SNG453T0820 |
| | SNGN 12 07 16T02520 | | | ☆ | ☆ | ☆ | | | | | | | | | | | | SNG454T0820 |
| | SNGN 15 07 16T02520 | 15 | 5/8 | | ☆ | ☆ | | | | | | | | | | | | SNG554T0820 |
| | SNGN 12 07 16T15015 | 12 | 1/2 | | | | ☆ | | | | | | ☆ | | ☆ | | | SNG454T6015 |
| | SNGN 12 07 16K15015 | | | | | | ☆ | | | | | | ☆ | | ☆ | | | SNG454K6015 |
| | SNGN120408FD | 12 | 1/2 | | | | | | ☆ | | | | | | | | ☆ | SNG432FD |
| | SNGN120412FD | | | | | | | | ☆ | | | | | | | | ☆ | SNG433FD |
| | SNGN120416FD | | | | | | | | ☆ | | | | | | | | ☆ | SNG434FD |
| | | | | K10 | K10 | K01 | K01 | K05 | K05 | N05 | S10 | S15 | S05 | S15 | H05 | H10 | H05 | |

Para las dimensiones, ver clave de códigos en la página A16.

A90 A238 A331 I1 A426 A412 A434 A2



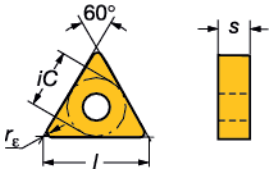
SANDVIK Coromant

# Plaquitas negativas

## Plaquitas negativas - T-Max P

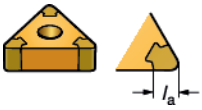
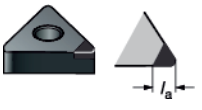
### Triangulares

**TNGA, TNMA**




Para áreas de aplicación ISO, ver final de la tabla.

Nota: la calidad CB7025 no tiene recubrimiento.

| | ISO | △ | iC | $l_a$ mm | $l_a$ pulgadas | K | | | | | S | H | | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | CC | CC | CC | CC | CB | CC | CC | CC | CB | CB | CB | CB | |
| | | | | | | 1690 | 6190 | 620 | 650 | 7525 | 650 | 6050 | 650 | 7015 | 7025 | 7035 | 7525 | CB20 | |
| | TNGA110304S01530B | 11 | 1/4 | 1.7 | .067 | | | | | | | | | | | ☆ | | | TNGA221S0630B |
| | TNGA110308S01530B | | | 1.4 | .055 | | | | | | | | | | | ☆ | | | TNGA222S0630B |
| | TNGA160404S01530B | 16 | 3/8 | 1.8 | .071 | | | | | | | | | | | ☆ | | | TNGA331S0630B |
| | TNGA160408S01530B | | | 2.0 | .079 | | | | | | | | | | | ☆ | | | TNGA332S0630B |
| | TNGA160408S01530B | | | 2.6 | .102 | | | | | | | | | | | | ☆ | | TNGA332S0630B |
| | TNGA160408S02035B | | | 2.0 | .079 | | | | | | | | | | | ☆ | | | TNGA332S0835B |
| | TNGA160412S01530B | | | 2.4 | .094 | | | | | | | | | | | ☆ | | | TNGA333S0630B |
| | TNGA160412S02035B | | | 2.4 | .094 | | | | | | | | | | | ☆ | | | TNGA333S0835B |
| | TNGA160404S01525 | 16 | 3/8 | | | | | | | | | ☆ | | | | | | | TNGA331S0625 |
| | TNGA160408S01525 | | | | | | | | | | | ☆ | | | | | | | TNGA332S0625 |
| | TNGA160412S01525 | | | | | | | | | | | ☆ | | | | | | | TNGA333S0625 |
| | TNGA160408T01525 | | | | | | | | | | | ☆ | | | | | | | TNGA332T0625 |
| | TNGA 16 04 08T01020 | 16 | 3/8 | | | | | | ☆ | | ☆ | | ☆ | | | | | | TNGA332T0320 |
| | TNGA 16 04 12T01020 | | | | | | | ☆ | ☆ | | ☆ | | ☆ | | | | | | TNGA333T0320 |
| | TNGA 16 04 16T01020 | | | | | | | | ☆ | | ☆ | | ☆ | | | | | | TNGA334T0320 |
| | TNGA 22 04 08T01020 | 22 | 1/2 | | | | | | ☆ | | ☆ | | ☆ | | | | | | TNGA432T0320 |
| | TNGA 22 04 12T01020 | | | | | | | | ☆ | | ☆ | | ☆ | | | | | | TNGA433T0320 |
| | TNGA 22 04 16T01020 | | | | | | | | ☆ | | ☆ | | ☆ | | | | | | TNGA434T0320 |
| | TNGA 16 04 08T02520 | 16 | 3/8 | | | ☆ | ☆ | ☆ | | | | | | | | | | | TNGA332T0820 |
| | TNGA 16 04 12T02520 | | | | | | ☆ | | | | | | | | | | | | TNGA333T0820 |
| | TNGA 16 04 16T02520 | | | | | | ☆ | | | | | | | | | | | | TNGA334T0820 |
|  | TNGA110304S01030A | 11 | 1/4 | 1.6 | .063 | | | | | | | | | ☆ | ☆ | | | | TNGA221S0330A |
| | TNGA110308S01030A | | | 1.3 | .051 | | | | | | | | | ☆ | ☆ | | | | TNGA222S0330A |
| | TNGA160404S01030A | 16 | 3/8 | 2.9 | .114 | | | | | | | | | ☆ | ☆ | | | | TNGA331S0330A |
| | TNGA160408S01030A | | | 2.6 | .102 | | | | | | | | | ☆ | ☆ | | | | TNGA332S0330A |
| | TNGA160412S01030A | | | 2.3 | .091 | | | | | | | | | ☆ | ☆ | | | | TNGA333S0330A |
| | TNGA110304T01020B | 11 | 1/4 | 1.6 | .063 | | | | | ☆ | | | | | | | ☆ | | TNGA221T0320B |
| | TNGA110308T01020B | | | 1.3 | .051 | | | | | ☆ | | | | | | | ☆ | | TNGA222T0320B |
| | TNGA160404T01020B | 16 | 3/8 | 2.9 | .114 | | | | | ☆ | | | | | | | ☆ | | TNGA331T0320B |
| | TNGA160408T01020B | | | 2.6 | .102 | | | | | ☆ | | | | | | | ☆ | | TNGA332T0320B |
| | TNGA160412T01020B | | | 2.3 | .091 | | | | | ☆ | | | | | | | ☆ | | TNGA333T0320B |
|  | TNMA160404S01020E | 16 | 3/8 | 3.6 | .142 | | | | | | | | | | | | | ☆ | TNMA331S0320E |
| | TNMA160408S01020E | | | 3.3 | .13 | | | | | | | | | | | | | ☆ | TNMA332S0320E |
| | TNMA160412S01020E | | | 3.0 | .118 | | | | | | | | | | | | | ☆ | TNMA333S0320E |
| | TNMA220408S01020E | 22 | 1/2 | 3.2 | .126 | | | | | | | | | | | | | ☆ | TNMA432S0320E |
| | TNMA220412S01020E | | | 2.9 | .114 | | | | | | | | | | | | | ☆ | TNMA433S0320E |
| | | | | | | K10 | K10 | K01 | K01 | K05 | S05 | H05 | H05 | H15 | H25 | H30 | H30 | H01 | |

Para las dimensiones, ver clave de códigos en la página A16.

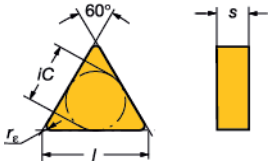
A90 A238 A331 I1 A426 A412 A434 A2

# Plaquitas negativas

## Plaquitas negativas - T-Max P

## Triangulares

### TNGN/TNG




Para áreas de aplicación ISO, ver final de la tabla.

| | ISO | △ | iC | K | | | | N | S | | H | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | CC | CC | CB | CB | CD | CC | CC | CC | CC | CB | |
| | | | | 6090 | 650 | 7925 | CB50 | CD10 | 650 | 670 | 650 | 670 | CB50 | |
| | TNGN 11 03 08T01020 | 11 | 1/4 | | ☆ | | | | ☆ | | ☆ | | | TNG 222T0320 |
| | TNGN 11 03 12T01020 | | | | ☆ | | | | ☆ | | ☆ | | | TNG 223T0320 |
| | TNGN 16 04 08T01020 | 16 | 3/8 | | ☆ | | | | ☆ | ☆ | ☆ | ☆ | | TNG 332T0320 |
| | TNGN 16 04 12T01020 | | | | ☆ | | | | ☆ | ☆ | ☆ | ☆ | | TNG 333T0320 |
| | TNGN 16 04 16T01020 | | | | ☆ | | | | ☆ | | ☆ | | | TNG 334T0320 |
| | TNGN 16 07 08T01020 | | | | ☆ | | | | ☆ | | ☆ | | | TNG 352T0320 |
| | TNGN 16 07 12T01020 | | | | ☆ | | | | ☆ | | ☆ | | | TNG 353T0320 |
| | TNGN 22 04 08T01020 | 22 | 1/2 | | | | | | | ☆ | | ☆ | | TNG 432T0320 |
| | TNGN 16 04 12T02520 | 16 | 3/8 | ☆ | | | | | | | | | | TNG 333T0820 |
| | TNGN220412FD | 22 | 1/2 | | | | ☆ | | | | | | ☆ | TNG 433FD |
| | | | | K10 | K01 | K05 | K05 | N05 | S05 | S15 | H05 | H10 | H05 | |

Para las dimensiones, ver clave de códigos en la página A16.

A90 A238 A331 I1 A426 A412 A434 A2



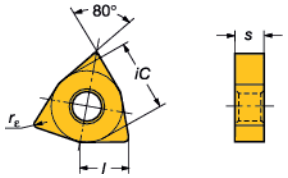
SANDVIK Coromant

# Plaquitas negativas

## Plaquitas negativas - T-Max P

## Trigonales 80°

### WNGA




Para áreas de aplicación ISO, ver final de la tabla.

Nota: la calidad CB7025 no tiene recubrimiento.

| | ISO | | iC | $l_a$ mm | $l_a$ pulgadas | K | | H | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | CC | CB | CC | CB | CB | CB | CB | |
| | | | | | | 6190 | 7525 | 6050 | 7015 | 7025 | 7035 | 7525 | |
| | WNGA060404S01530B | 06 | 3/8 | 1.8 | .071 | | | | | | ☆ | | WNGA331S0630B |
| | WNGA060408S01530B | | | 2.0 | .079 | | | | | | ☆ | | WNGA332S0630B |
| | WNGA080404S01530B | 08 | 1/2 | 1.8 | .071 | | | | | | ☆ | | WNGA431S0630B |
| | WNGA080408S01530B | | | 2.0 | .079 | | | | | | ☆ | | WNGA432S0630B |
| | WNGA080412S01530B | | | 2.3 | .091 | | | | | | ☆ | | WNGA433S0630B |
| | WNGA060404S01530BWH | 06 | 3/8 | 1.8 | .071 | | | | | | ☆ | | WNGA331S0630BWH |
| | WNGA060408S01530BWH | | | 2.0 | .079 | | | | | | ☆ | | WNGA332S0630BWH |
| | WNGA080408S01530BWH | | | 2.0 | .079 | | | | | | ☆ | | WNGA432S0630BWH |
| | WNGA080404S01530BWH | 08 | 1/2 | 1.8 | .071 | | | | | | ☆ | | WNGA431S0630BWH |
| | WNGA080412S01530BWH | | | 2.3 | .091 | | | | | | ☆ | | WNGA433S0630BWH |
| | WNGA 080408 T01020WG | 08 | 1/2 | | | ☆ | | | | | | | WNGA432T0320WG |
| | WNGA 080412 T01020WG | | | | | ☆ | | | | | | | WNGA433T0320WG |
| | WNGA080404S01525WH | 08 | 1/2 | | | | | ☆ | | | | | WNGA431S0625WH |
| | WNGA080408S01525WH | | | | | | | ☆ | | | | | WNGA432S0625WH |
| | WNGA080408T01525WH | | | | | | | ☆ | | | | | WNGA432T0625WH |
| | WNGA080404S01525 | 08 | 1/2 | | | | | ☆ | | | | | WNGA431S0625 |
| | WNGA080408S01525 | | | | | | | ☆ | | | | | WNGA432S0625 |
| | WNGA080408T01525 | | | | | | | ☆ | | | | | WNGA432T0625 |
| | WNGA 08 04 08T02520 | 08 | 1/2 | | | ☆ | | | | | | | WNGA432T0820 |
| | WNGA 08 04 12T02520 | | | | | ☆ | | | | | | | WNGA433T0820 |
| | WNGA 08 04 16T02520 | | | | | ☆ | | | | | | | WNGA434T0820 |
| | | | | | | K10 | K05 | H05 | H15 | H25 | H30 | H30 | |

Para las dimensiones, ver clave de códigos en la página A16.

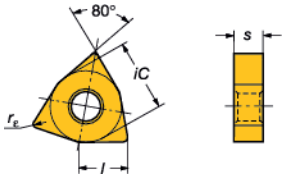
A90 A238 A331 I1 A426 A412 A434 A2

# Plaquitas negativas

## Plaquitas negativas - T-Max P

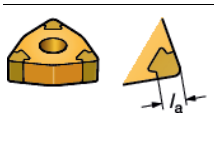
## Trigonales 80°

### WNGA




Para áreas de aplicación ISO, ver final de la tabla.

Nota: la calidad CB7025 no tiene recubrimiento.

| | ISO | | iC | $l_a$ mm | $l_a$ pulgadas | K | | H | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | CC | CB | CC | CB | CB | CB | CB | |
| | | | | | | 6190 | 7525 | 6050 | 7015 | 7025 | 7035 | 7525 | |
| | WNGA060404S01030A | 06 | 3/8 | 2.3 | .091 | | | | | ☆ | | | WNGA331S0330AWH |
| | WNGA060408S01030A | | | 2.2 | .087 | | | | | ☆ | | | WNGA332S0330AWH |
| | WNGA080404S01030A | 08 | 1/2 | 2.8 | .110 | | | | | ☆ | | | WNGA431S0330AWH |
| | WNGA080408S01030A | | | 2.7 | .106 | | | | | ☆ | | | WNGA432S0330AWH |
| | WNGA080412S01030A | | | 2.7 | .106 | | | | | ☆ | | | WNGA433S0330AWH |
| | WNGA060404T01030A | 06 | 3/8 | 2.3 | .091 | | | | ☆ | | | | WNGA331T0330AWH |
| | WNGA060408T01030A | | | 2.2 | .087 | | | | ☆ | | | | WNGA332T0330AWH |
| | WNGA080404T01030A | 08 | 1/2 | 2.8 | .110 | | | | ☆ | | | | WNGA431T0330AWH |
| | WNGA080408T01030A | | | 2.7 | .106 | | | | ☆ | | | | WNGA432T0330AWH |
| | WNGA080412T01030A | | | 2.7 | .106 | | | | ☆ | | | | WNGA433T0330AWH |
| | WNGA060404T01020B | 06 | 3/8 | 2.3 | .091 | | ☆ | | | | | ☆ | WNGA331T0320BWG |
| | WNGA060408T01020B | | | 2.2 | .087 | | ☆ | | | | | ☆ | WNGA332T0320BWG |
| | WNGA080404T01020B | 08 | 1/2 | 2.8 | .110 | | ☆ | | | | | ☆ | WNGA431T0320BWG |
| | WNGA080408T01020B | | | 2.7 | .106 | | ☆ | | | | | ☆ | WNGA432T0320BWG |
|  | WNGA060404S01030A | 06 | 3/8 | 2.3 | .091 | | | | ☆ | ☆ | | | WNGA331S0330A |
| | WNGA060408S01030A | | | 2.2 | .087 | | | | ☆ | ☆ | | | WNGA332S0330A |
| | WNGA080404S01030A | 08 | 1/2 | 2.8 | .110 | | | | ☆ | ☆ | | | WNGA431S0330A |
| | WNGA080408S01030A | | | 2.7 | .106 | | | | ☆ | ☆ | | | WNGA432S0330A |
| | WNGA080412S01030A | | | 2.7 | .106 | | | | ☆ | ☆ | | | WNGA433S0330A |
| | WNGA060404T01020B | 06 | 3/8 | 2.3 | .091 | | ☆ | | | | | ☆ | WNGA331T0320B |
| | WNGA060408T01020B | | | 2.2 | .087 | | ☆ | | | | | ☆ | WNGA332T0320B |
| | WNGA080404T01020B | 08 | 1/2 | 2.8 | .110 | | ☆ | | | | | ☆ | WNGA431T0320B |
| | WNGA080408T01020B | | | 2.7 | .106 | | ☆ | | | | | ☆ | WNGA432T0320B |
| | WNGA080412T01020B | | | 2.7 | .106 | | ☆ | | | | | ☆ | WNGA433T0320B |
| | | | | | | K10 | K05 | H05 | H15 | H25 | H30 | H30 | |

Para las dimensiones, ver clave de códigos en la página A16.

A90 A238 A331 I1 A426 A412 A434 A2



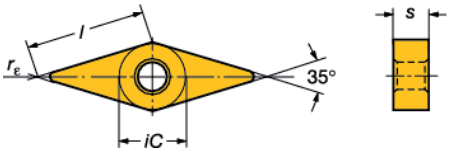
SANDVIK Coromant

# Plaquitas negativas

## Plaquitas negativas - T-Max P

## Rómbica 35°

**VNGA**




Para áreas de aplicación ISO, ver final de la tabla.

Nota: la calidad CB7025 no tiene

| | | ISO | | iC | $l_a$ mm | $l_a$ pulgadas | H CC 6050 | H CB 7015 | H CB 7025 | H CB 7035 | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | VNGA160404S01530B | 16 | 3/8 | 2.1 | .083 | | | | ☆ | VNGA331S0630B |
| | | VNGA160408S01530B | | | 2.4 | .094 | | | | ☆ | VNGA332S0630B |
| | | VNGA160404S01525 | 16 | 3/8 | | | ☆ | | | | VNGA331S0625 |
| | | VNGA160408S01525 | | | | | ☆ | | | | VNGA332S0625 |
| | | VNGA160412S01525 | | | | | ☆ | | | | VNGA333S0625 |
| | | VNGA160408T01525 | | | | | ☆ | | | | VNGA332T0625 |
| | | VNGA160404S01030A | 16 | 3/8 | 4.2 | .165 | | ☆ | ☆ | | VNGA331S0330A |
| | | VNGA160408S01030A | | | 3.3 | .13 | | ☆ | ☆ | | VNGA332S0330A |
| | | | | | | | H05 | H15 | H25 | H30 | |

Para las dimensiones, ver clave de códigos en la página A16.

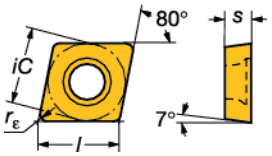
A90 A238 A331 I1 A426 A412 A434 A2

# Plaquitas positivas

## Plaquitas positivas – CoroTurn® 107

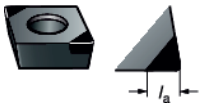
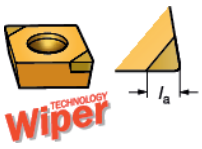
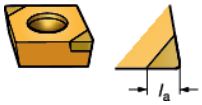
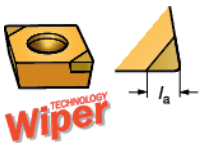
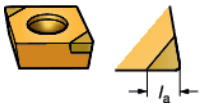
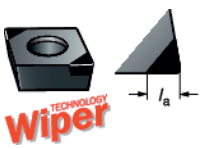
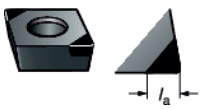
## Rómbica 80°

### CCGW




Para áreas de aplicación ISO, ver final de la tabla.

Nota: la calidad CB7025 no tiene recubrimiento.

| | ISO | □ | iC | $l_a$ mm | $l_a$ pulgadas | K CB 7525 | N CD 1810 | N CD CD10 | H CB 7015 | H CB 7025 | H CB 7035 | H CB 7525 | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | CCGW060202T01530F | 06 | 1/4 | 1.5 | .059 | | | | | | ☆ | | CCGW2(1.5)0T0630F |
|  | CCGW09T304S01020FWH | 09 | 3/8 | 2.6 | .102 | | | | | ☆ | | | CCGW3(2.5)1S0320FW |
| | CCGW09T308S01020FWH | | | 2.6 | .102 | | | | | ☆ | | | CCGW3(2.5)2S0320FW |
| | CCGW09T312S01020FWH | | | 2.6 | .102 | | | | ☆ | | | | CCGW3(2.5)3S0320FW |
| | CCGW09T304T01020FWH | | | 2.6 | .102 | | | | ☆ | | | | CCGW3(2.5)1T0320FW |
| | CCGW09T308T01020FWH | | | 2.5 | .098 | | | | ☆ | | | | CCGW3(2.5)2T0320FW |
|  | CCGW060202T01030F | 06 | 1/4 | 1.5 | .059 | | | | ☆ | ☆ | | | CCGW2(1.5)0T0330F |
| | CCGW060204S01030F | | | 1.8 | .071 | | | | ☆ | ☆ | | | CCGW2(1.5)1S0330F |
| | CCGW060204S01030F | | | 2.8 | .110 | | | | | | | ☆ | CCGW2(1.5)1S0330F |
| | CCGW060208S01030F | | | 2.0 | .079 | | | | ☆ | ☆ | | | CCGW2(1.5)2S0330F |
| | CCGW09T304S01020F | 09 | 3/8 | 2.6 | .102 | | | | ☆ | ☆ | | | CCGW3(2.5)1S0320F |
| | CCGW09T308S01020F | | | 2.5 | .098 | | | | ☆ | ☆ | | | CCGW3(2.5)2S0320F |
| | CCGW09T312S01020F | | | 2.6 | .102 | | | | ☆ | | | | CCGW3(2.5)3S0320F |
|  | CCGW060204T01030FWH | 06 | 1/4 | 1.8 | .071 | | | | ☆ | ☆ | | | CCGW2(1.5)1T0330FW |
| | CCGW060208T01030FWH | | | 2.0 | .079 | | | | ☆ | ☆ | | | CCGW2(1.5)2T0330FW |
|  | CCGW060204T01020F | 06 | 1/4 | 2.8 | .110 | ☆ | | | | | | | CCGW2(1.5)1T0320F |
| | CCGW09T304T01020F | 09 | 3/8 | 2.8 | .110 | ☆ | | | | | | | CCGW3(2.5)1T0320F |
| | CCGW09T308T01020F | | | 3.0 | .118 | ☆ | | | | | | | CCGW3(2.5)2T0320F |
|  | CCGW060204S01520FWH | 06 | 1/4 | 1.8 | .071 | | | | | | ☆ | | CCGW2(1.5)1S0520FW |
| | CCGW060204S01530FWH | | | 1.8 | .071 | | | | | | ☆ | | CCGW2(1.5)1S0530FW |
| | CCGW060208S01520FWH | | | 2.0 | .079 | | | | | | ☆ | | CCGW2(1.5)2S0520FW |
| | CCGW060208S01530FWH | | | 2.0 | .079 | | | | | | ☆ | | CCGW2(1.5)2S0530FW |
| | CCGW09T304S01530FWH | 09 | 3/8 | 1.8 | .071 | | | | | | ☆ | | CCGW3(2.5)1S0530FW |
| | CCGW09T308S01530FWH | | | 2.0 | .079 | | | | | | ☆ | | CCGW3(2.5)2S0530FW |
|  | CCGW060204S01520F | 06 | 1/4 | 1.8 | .071 | | | | | | ☆ | | CCGW2(1.5)1S0520F |
| | CCGW060204S01530F | | | 1.8 | .071 | | | | | | ☆ | | CCGW2(1.5)1S0530F |
| | CCGW060208S01520F | | | 2.0 | .079 | | | | | | ☆ | | CCGW2(1.5)2S0520F |
| | CCGW060208S01530F | | | 2.0 | .079 | | | | | | ☆ | | CCGW2(1.5)2S0530F |
| | CCGW09T304S01530F | 09 | 3/8 | 1.8 | .071 | | | | | | ☆ | | CCGW3(2.5)1S0530F |
| | CCGW09T304S01530F | | | 2.8 | .110 | | | | | | | ☆ | CCGW3(2.5)1S0530F |
| | CCGW09T308S01530F | | | 2.0 | .079 | | | | | | ☆ | | CCGW3(2.5)2S0530F |
| | CCGW09T308S01530F | | | 3 | .118 | | | | | | | ☆ | CCGW3(2.5)2S0530F |
| | | | | | | K05 | N10 | N05 | H15 | H25 | H30 | H30 | |

Para las dimensiones, ver clave de códigos en la página A16.

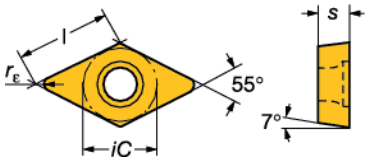
A90 A238 A331 I1 A426 A412 A434 A2

# Plaquitas positivas

## Plaquitas positivas – CoroTurn® 107

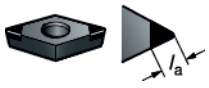
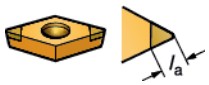
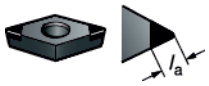
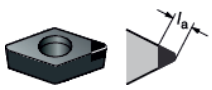
### Rómbica 55°

**DCMW, DCGW**




Para áreas de aplicación ISO, ver final de la tabla.

Nota: la calidad CB7025 no tiene recubrimiento.

| | ISO | | iC | $l_a$ mm | $l_a$ pulgadas | K | N | | H | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | CB | CD | CD | CB | CB | CB | CB | CB | |
| | | | | | | 7525 | 1810 | CD10 | 7015 | 7025 | 7035 | 7525 | CB20 | |
|  | DCGW070202T01530F | 07 | 1/4 | 1.5 | .059 | | | | | | ☆ | | | DCGW2(1.5)0T0630F |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
|  | DCGW070202T01030F | 07 | 1/4 | 1.5 | .059 | | | | ☆ | ☆ | | | | DCGW2(1.5)0T0330F |
| | DCGW070204S01030F | | | 1.8 | .071 | | | | ☆ | ☆ | | | | DCGW2(1.5)1S0330F |
| | DCGW070204S01030F | | | 2.8 | .110 | | | | | | | ☆ | | DCGW2(1.5)1S0330F |
| | DCGW070208S01030F | | | 2.0 | .079 | | | | ☆ | ☆ | | | | DCGW2(1.5)2S0330F |
| | DCGW11T304S01020F | 11 | 3/8 | 3.2 | .126 | | | | ☆ | ☆ | | | | DCGW3(2.5)1S0320F |
| | DCGW11T308S01020F | | | 2.8 | .11 | | | | ☆ | ☆ | | | | DCGW3(2.5)2S0320F |
| | DCGW11T312S01020F | | | 2.4 | .094 | | | | ☆ | | | | | DCGW3(2.5)3S0320F |
| | | | | | | | | | | | | | | |
| | DCGW070204T01020F | 07 | 1/4 | 2.7 | .106 | ☆ | | | | | | | | DCGW2(1.5)1T0320F |
| | DCGW11T302T01020F | 11 | 3/8 | 2.8 | .110 | ☆ | | | | | | | | DCGW3(2.5)0T0320F |
| | DCGW11T304T01020F | | | 2.8 | .110 | ☆ | | | | | | | | DCWG3(2.5)1T0320F |
| | DCGW11T308T01020F | | | 3.1 | .11 | ☆ | | | | | | | | DCGW3(2.5)2T0320F |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
|  | DCGW070204S01520F | 07 | 1/4 | 1.8 | .071 | | | | | | ☆ | | | DCGW2(1.5)1S0520F |
| | DCGW070204S01530F | | | 1.8 | .071 | | | | | | ☆ | | | DCGW2(1.5)1S0530F |
| | DCGW070208S01520F | | | 2.1 | .083 | | | | | | ☆ | | | DCGW2(1.5)2S0520F |
| | DCGW070208S01530F | | | 2.1 | .083 | | | | | | ☆ | | | DCGW2(1.5)2S0530F |
| | DCGW11T304S01530F | 11 | 3/8 | 1.8 | .071 | | | | | | ☆ | | | DCGW3(2.5)1S0530F |
| | DCGW11T304S01530F | | | 2.8 | .110 | | | | | | | ☆ | | DCGW3(2.5)1S0530F |
| | DCGW11T308S01530F | | | 2.1 | .083 | | | | | | ☆ | | | DCGW3(2.5)2S0530F |
| | DCGW11T308S01530F | | | 3.1 | .122 | | | | | | | ☆ | | DCGW3(2.5)2S0530F |
| | | | | | | | | | | | | | | |
|  | DCMW11T304S01020E | 11 | 3/8 | 3.6 | .144 | | | | | | | | ☆ | DCMW3(2.5)1S0320E |
| | DCMW11T308S01020E | | | 3.4 | .132 | | | | | | | | ☆ | DCMW3(2.5)2S0320E |
| | DCMW11T304FP | | | 4.1 | .161 | | | ☆ | | | | | | DCMW3(2.5)1FP |
| | DCMW11T308FP | | | 3.8 | .15 | | | ☆ | | | | | | DCMW3(2.5)2FP |
| | | | | | | | | | | | | | | |
| | | | | | | K05 | N10 | N05 | H15 | H25 | H30 | H30 | H01 | |

Para las dimensiones, ver clave de códigos en la página A16.

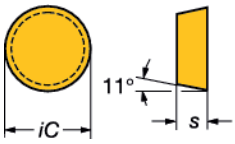
A90 A238 A331 I1 A426 A412 A434 A2

# Plaquitas positivas

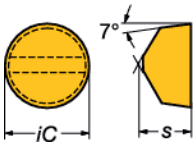
## Plaquitas positivas – T-Max®

### Redondas

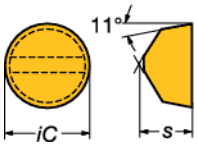
**RPGN/RPG**




**RCGX**




**RPGX**




Para áreas de aplicación ISO, ver final de la tabla.

| | ISO | iC | iC | ¼ pulgadas | K | | | | | | S | | | | H | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | CC | CC | CC | CC | CB | CB | CC | CC | CC | CC | CC | CC | CB | |
| | | | | | 1690 | 6190 | 620 | 650 | 7925 | CB50 | 6060 | 6065 | 650 | 670 | 650 | 670 | CB50 | |
| | RPGN060300E | 06 | 1/4 | | | | | | | | ☆ | | | | | | | RPG22A |
| | RPGN090300E | 09 | 3/8 | | | | | | | | ☆ | | | | | | | RPG32A |
| | RPGN120400E | 12 | 1/2 | | | | | | | | ☆ | | | | | | | RPG43A |
| | RPGN060300T01020 | 06 | 1/4 | | | | | | | | | | | ☆ | | | | RPG22T0320 |
| | RPGN 09 03 00T01020 | 09 | 3/8 | | | | | ☆ | | | | | ☆ | ☆ | ☆ | ☆ | | RPG32T0320 |
| | RPGN120400T01020 | 12 | 1/2 | | | | | | | | | | | ☆ | | | | RPG43T0320 |
| | | | | | | | | | | | | | | | | | | |
| | RCGX060600E | 06 | 1/4 | | | | | ☆ | | | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | | RCGX24A |
| | RCGX090700E | 09 | 3/8 | | | | | ☆ | | | ☆ | ☆ | ☆ | ☆ | ☆ | ☆ | | RCGX35A |
| | RCGX120700E | 12 | 1/2 | | | | | | | | ☆ | ☆ | | ☆ | | ☆ | | RCGX45A |
| | RCGX 06 06 00T01020 | 06 | 1/4 | | | | | ☆ | | | ☆ | | ☆ | ☆ | ☆ | ☆ | | RCGX24T0320 |
| | RCGX 09 07 00T01020 | 09 | 3/8 | | | | | ☆ | | | ☆ | | ☆ | ☆ | ☆ | ☆ | | RCGX35T0320 |
| | RCGX 12 07 00T01020 | 12 | 1/2 | | | | | ☆ | | | ☆ | | ☆ | ☆ | ☆ | ☆ | | RCGX45T0320 |
| | RCGX 12 07 00T02520 | | | | | | | ☆ | | | | | ☆ | | ☆ | | | RCGX45T0820 |
| | RCGX 12 07 00T15015 | | | | | | | ☆ | | | | | ☆ | | ☆ | | | RCGX45T6015 |
| | RCGX 15 10 00T20015 | 15 | 5/8 | | | | | ☆ | | | | | ☆ | | ☆ | | | RCGX5(6.3)T8015 |
| | RCGX 19 10 00T20015 | 19 | 3/4 | | | | | ☆ | | | | | ☆ | | ☆ | | | RCGX6(6.3)T8015 |
| | RCGX 25 12 00T20015 | 25 | 1 | | | | | ☆ | | | | | ☆ | | ☆ | | | RCGX8(7.6)T8015 |
| | RCGX 12 07 00K15015 | 12 | 1/2 | | | | | ☆ | | | | | ☆ | | ☆ | | | RCGX45K6015 |
| | RCGX 19 10 00K20015 | 19 | 3/4 | | | | | ☆ | | | | | ☆ | | ☆ | | | RCGX6(6.3)K8015 |
| | RCGX 25 12 00K20015 | 25 | 1 | | | | | ☆ | | | | | ☆ | | ☆ | | | RCGX8(7.6)K8015 |
| | RPGX 060600 E | 06 | 1/4 | | | | | | | | ☆ | | | | | | | RPGX24A |
| | RPGX090700E | 09 | 3/8 | | | | | | | | ☆ | ☆ | | | | | | RPGX35A |
| | RPGX120700E | 12 | 1/2 | | | | | | | | ☆ | ☆ | | | | | | RPGX45A |
| | RPGX060600T01020 | 06 | 1/4 | | | | | | | | | | | ☆ | | | | RPGX24T0320 |
| | RPGX 09 07 00T01020 | 09 | 3/8 | | | | | | | | ☆ | | | ☆ | | ☆ | | RPGX35T0320 |
| | RPGX 12 07 00T01020 | 12 | 1/2 | | | | | | | | ☆ | | | ☆ | | ☆ | | RPGX45T0320 |
| | | | | | K10 | K10 | K01 | K01 | K05 | K05 | S10 | S15 | S05 | S15 | H05 | H10 | H05 | |

Para las dimensiones, ver clave de códigos en la página A16.

A90 A238 A331 I1 A426 A412 A434 A2



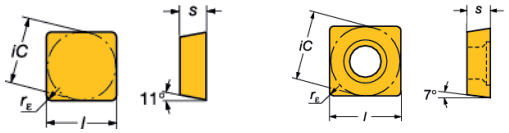
SANDVIK Coromant

# Plaquitas positivas

## Plaquitas positivas – T-Max®

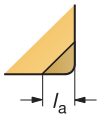
### Cuadradas

**SPGN/SPG, SPUN/SPU** **SCGW**




Para áreas de aplicación ISO, ver final de la tabla.

| | ISO | □ | iC | $l_a$ mm | $l_a$ pulgadas | K | | | | | | N | S | | | | H | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | CC | CC | CC | CC | CB | CB | CD | CC | CC | CC | CC | CC | CC | CB | |
| | | | | | | 1690 | 6190 | 620 | 650 | 7925 | CB50 | CD10 | 6060 | 6065 | 650 | 670 | 650 | 670 | CB50 | |
| | SPGN 12 04 08T01020 | 12 | 1/2 | | | | | | ☆ | | | | | | ☆ | | ☆ | | | SPG432T0320 |
| | SPGN 12 04 12T01020 | | | | | | | | ☆ | | | | | | ☆ | | ☆ | | | SPG433T0320 |
| | SPUN120304FP | 12 | 1/2 | 4.6 | .181 | | | | | | | ☆ | | | | | | | | SPU421FP |
| | | | | | | K10 | K10 | K01 | K01 | K05 | K05 | N05 | S10 | S15 | S05 | S15 | H05 | H10 | H05 | |

| | ISO | □ | iC | $l_a$ mm | $l_a$ pulgadas | H | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | CB | CB | CB | |
| | | | | | | 7015 | 7025 | 7035 | |
|  | SCGW09T304S01030F | 09 | 3/8 | 1.8 | .071 | ☆ | ☆ | | SCGW3(2.5)1S0330F |
| | SCGW09T308S01030F | | | 2.1 | .083 | ☆ | ☆ | | SCGW3(2.5)2S0330F |
| | SCGW09T304S01530F | 09 | 3/8 | 1.8 | .071 | | | ☆ | SCGW3(2.5)1S0530F |
| | SCGW09T308S01530F | | | 2.1 | .083 | | | ☆ | SCGW3(2.5)2S0530F |
| | | | | | | H15 | H25 | H30 | |

Para las dimensiones, ver clave de códigos en la página A16.

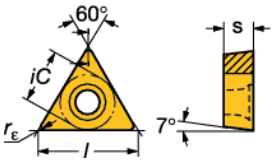
A90 A238 A331 I1 A426 A412 A434 A2

# Plaquitas positivas

## Plaquitas positivas – CoroTurn® 107

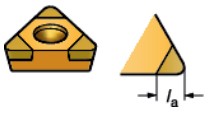
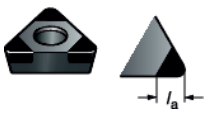
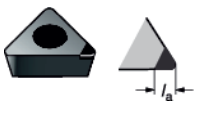
### Triangulares

**TCGW, TCMW**




Para áreas de aplicación ISO, ver final de la tabla.

Nota: la calidad CB7025 no tiene recubrimiento.

| | ISO | | iC | $l_a$ mm | $l_a$ pulgadas | K | N | | H | | | | | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | CB | CD | CD | CB | CB | CB | CB | CB | |
| | | | | | | 7525 | 1810 | CD10 | 7015 | 7025 | 7035 | 7525 | CB20 | |
|  | TCGW090202S01020F | 09 | 7/32 | 3.2 | .126 | | | | ☆ | ☆ | | | | TCGW1.8(1.5)0S0320F |
| | TCGW090204S01020F | | | 3.0 | .118 | | | | ☆ | ☆ | | | | TCGW1.8(1.5)1S0320F |
| | TCGW110204S01020F | 11 | 1/4 | 3.0 | .118 | | | | ☆ | ☆ | | | | TCGW2(1.5)1S0320F |
| | TCGW110208S01020F | | | 2.7 | .106 | | | | ☆ | ☆ | | | | TCGW2(1.5)2S0320F |
| | TCGW110304S01020F | | | 3.0 | .118 | | | | ☆ | ☆ | | | | TCGW221S0320F |
| | TCGW110308S01020F | | | 2.7 | .106 | | | | ☆ | ☆ | | | | TCGW222S0320F |
| | TCGW110202T01020F | 11 | 1/4 | 2.8 | .110 | ☆ | | | | | | | | TCGW2(1.5)0T0320F |
| | TCGW110204T01020F | | | 2.8 | .110 | ☆ | | | | | | | | TCGW2(2.5)1T0320F |
|  | TCGW090204S01530F | 09 | 7/32 | 1.8 | .071 | | | | | | ☆ | | | TCGW1.8(1.5)1S0530F |
| | TCGW090204S01530F | | | 2.8 | .110 | | | | | | | ☆ | | TCGW1.8(1.5)1S0530F |
| | TCGW090208S01520F | | | 2.0 | .079 | | | | | | ☆ | | | TCGW1.8(1.5)2S0520F |
| | TCGW090208S01530F | | | 2.0 | .079 | | | | | | ☆ | | | TCGW1.8(1.5)2S0530F |
| | TCGW110304S01530F | 11 | 1/4 | 1.8 | .071 | | | | | | ☆ | | | TCGW221S0530F |
| | TCGW110308S01530F | | | 2.0 | .079 | | | | | | ☆ | | | TCGW222S0530F |
| | TCGW090204S01520F | 09 | 7/32 | 1.8 | .071 | | | | | | ☆ | | | TCGW1.8(1.5)1S0520F |
|  | TCMW090204S01020E | 09 | 7/32 | 3.0 | .118 | | | | | | | | ☆ | TCMW1.8(1.5)1S0320E |
| | TCMW 110304S01020E | 11 | 1/4 | 3.0 | .118 | | | | | | | | ☆ | TCMW221S0320E |
| | TCMW 110308S01020E | | | 3.0 | .118 | | | | | | | | ☆ | TCMW222S0320E |
| | TCMW110204S01020E | | | 3.0 | .118 | | | | | | | | ☆ | TCMW2(1.5)1 S0320E |
| | TCMW110208S01020E | | | 3.0 | .118 | | | | | | | | ☆ | TCMW2(1.5)2S0320E |
| | TCMW090204FP | 09 | 7/32 | 2.7 | .106 | | | ☆ | | | | | | TCMW1.8(1.5)1FP |
| | TCMW 110304FP | 11 | 1/4 | 2.7 | .106 | | | ☆ | | | | | | TCMW221FP |
| | TCMW 110308FP | | | 2.4 | .094 | | | ☆ | | | | | | TCMW222FP |
| | TCMW110204FP | | | 2.7 | .106 | | | ☆ | | | | | | TCMW2(1.5)1FP |
| | TCMW110208FP | | | 2.4 | .094 | | | ☆ | | | | | | TCMW2(1.5)2FP |
| | TCMW16T304FP | 16 | 3/8 | 4.2 | .165 | | | ☆ | | | | | | TCMW3(2.5)1FP |
| | TCMW16T308FP | | | 3.9 | .154 | | | ☆ | | | | | | TCMW3(2.5)2FP |
| | TCMW16T304FR/LP | 16 | 3/8 | 7.4 | .291 | | | ☆ | | | | | | TCMW3(2.5)1FLP |
| | | | | | | K05 | N10 | N05 | H15 | H25 | H30 | H30 | H01 | |

★= Primera elección

A90 A238 A331 I1 A426 A412 A434 A2



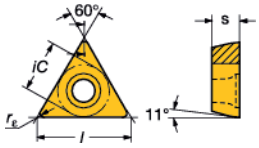
SANDVIK Coromant

# Plaquitas positivas

## Plaquitas positivas – CoroTurn® 111

### Triangulares

#### TPGW




Para áreas de aplicación ISO, ver final de la tabla.

Nota: la calidad CB7025 no tiene recubrimiento.

| | ISO | △ | iC | $l_a$ mm | $l_a$ pulgadas | H CB 7015 | H CB 7025 | H CB 7035 | ANSI |
|---|---|---|---|---|---|---|---|---|---|
| | TPGW110304S01020F | 11 | 1/4 | 3.0 | .118 | ☆ | ☆ | | TPGW221S0320F |
| | TPGW110308S01020F | | | 2.7 | .106 | ☆ | ☆ | | TPGW222S0320F |
| | TPGW110304S01530F | 11 | 1/4 | 1.8 | .071 | | | ☆ | TPGW221S0530F |
| | TPGW110308S01530F | | | 2.0 | .079 | | | ☆ | TPGW222S0530F |
| | | | | | | H15 | H25 | H30 | |

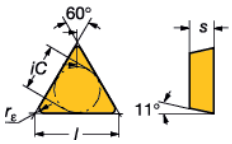
Para las dimensiones, ver clave de códigos en la página A16.

★= Primera elección

## Plaquitas positivas – T-Max®

### Triangulares

#### TPUN/TPU TPGN/TPG




Para áreas de aplicación ISO, ver final de la página.

| | ISO | △ | iC | $l_a$ mm | $l_a$ pulgadas | K CC 650 | K CB 7925 | K CB CB50 | N CD CD10 | S CC 650 | S CC 670 | H CC 650 | H CC 670 | H CB CB50 | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | TPUN160304FP | 16 | 3/8 | 2.7 | .106 | | | | ☆ | | | | | | TPU321FP |
| | TPUN160304FR/LP | | | 7.4 | .291 | | | | ☆ | | | | | | TPU321FLP |
| | TPGN 16 03 08E | 16 | 3/8 | | | ☆ | | | | ☆ | | ☆ | | | TPG322A |
| | TPGN 11 03 04T01020 | 11 | 1/4 | | | ☆ | | | | ☆ | | ☆ | | | TPG221T0320 |
| | TPGN 11 03 08T01020 | | | | | ☆ | | | | ☆ | ☆ | ☆ | ☆ | | TPG222T0320 |
| | TPGN 16 03 04T01020 | 16 | 3/8 | | | ☆ | | | | ☆ | | ☆ | | | TPG321T0320 |
| | TPGN 16 03 08T01020 | | | | | ☆ | | | | ☆ | ☆ | ☆ | ☆ | | TPG322T0320 |
| | TPGN 16 03 12T01020 | | | | | ☆ | | | | ☆ | ☆ | ☆ | ☆ | | TPG323T0320 |
| | | | | | | K01 | K05 | K05 | N05 | S05 | S15 | H05 | H10 | H05 | |

★= Primera elección

Para las dimensiones, ver clave de códigos en la página A16.

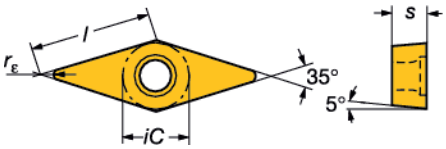
A90 A238 A331 I1 A426 A412 A434 A2

# Plaquitas positivas

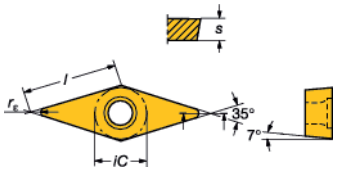
## Plaquitas positivas – CoroTurn® 107

### Rómbica 35°

**VBMW, VBGW**




**VCMW**




Para áreas de aplicación ISO, ver final de la tabla.

Nota: la calidad CB7025 no tiene recubrimiento.

| | ISO | | iC | $l_a$ mm | $l_a$ pulgadas | K CB 7525 | N CD 1810 | N CD CD10 | H CB 7015 | H CB 7025 | H CB 7035 | H CB CB20 | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | VBGW160404T01020F | 16 | 3/8 | 4.0 | .157 | ☆ | | | | | | | VBGW331T0320F |
| | VBGW160408T01020F | | | 4.0 | .157 | ☆ | | | | | | | VBGW332T0320F |
| | VBGW160404S01020F | 16 | 3/8 | 4.2 | .165 | | | | ☆ | ☆ | | | VBGW331S0320F |
| | VBGW160408S01020F | | | 3.3 | .13 | | | | ☆ | ☆ | | | VBGW332S0320F |
| | VBGW160404S01530F | 16 | 3/8 | 3.0 | .118 | | | | | | ☆ | | VBGW331S0530F |
| | VBGW160408S01530F | | | 3.0 | .118 | | | | | | ☆ | | VBGW332S0530F |
| | VBMW160404S01020E | 16 | 3/8 | 4.7 | .185 | | | | | | | ☆ | VBMW331S0320E |
| | VBMW160408S01020E | | | 4.1 | .162 | | | | | | | ☆ | VBMW332S0320E |
| | VCMW 110304FP | 11 | 1/4 | 4.4 | .173 | | | ☆ | | | | | VCMW221FP |
| | VCMW110204FP | | | 4.4 | .173 | | | ☆ | | | | | VCMW2(1.5)1FP |
| | VCMW160404FP | 16 | 3/8 | 4.4 | .173 | | | ☆ | | | | | VCMW331FP |
| | VCMW160408FP | | | 3.5 | .138 | | | ☆ | | | | | VCMW332FP |
| | VCMW160412FP | | | 2.7 | .106 | | | ☆ | | | | | VCMW333FP |
| | | | | | | K05 | N10 | N05 | H15 | H25 | H30 | H01 | |

★= Primera elección

Para las dimensiones, ver clave de códigos en la página A16.

A90 A238 A331 I1 A426 A412 A434 A2



SANDVIK Coromant

# TORNEADO GENERAL

## Mangos para mecanizado exterior


Introducción A102
Información general sobre portaplaquitas A90
Clave de códigos A100

**Portaplaquitas para plaquitas con forma básica negativa**
CoroTurn® RC, sujeción rígida, unidades de corte Coromant Capto A103
CoroTurn® RC, sujeción rígida, soportes con mango A123
Sujeción por palanca T-Max® P, unidades de corte Coromant Capto A115
T-Max® P, sujeción por palanca, soportes con mango A138
T-Max® P, sujeción por cuña, unidades de corte Coromant Capto A120
T-Max® P, sujeción por cuña, soportes con mango A145
T-Max® P, sujeción superior, soportes con mango A149

**Mangos para plaquitas con forma básica positiva** A151
CoroTurn® 107 - 7° de ángulo de incidencia, unidades de corte Coromant Capto A154
CoroTurn® 107 - 7° de ángulo de incidencia, soportes con mango A160
CoroTurn® TR, guía en forma de T, unidades de corte Coromant Capto A179
CoroTurn® TR, guía en forma de T, soportes con mango A181

**Portaplaquitas para plaquitas cerámicas** A185
CoroTurn® RC, sujeción rígida, unidades de corte Coromant Capto A186
CoroTurn® RC, sujeción rígida, soportes con mango A194
T-Max® P, sujeción superior, unidades de corte Coromant Capto A193
T-Max® P, sujeción por palanca, soportes con mango A204

**Mecanizado con refrigerante a alta presión** A110
CoroTurn® HP sujeción por palanca, unidades de corte Coromant Capto A111
CoroTurn® HP, sujeción por tornillo, unidades de corte Coromant Capto A152

**Herramientas para mecanizado de piezas pequeñas** A241
Soportes con mango CoroTurn® 107 A209
CoroTurn® TR, guía en forma de T, soportes con mango A215
Porta versión corta para el sistema de sujeción QS™ A217
Portaplaquitas CoroCut® XS B94

**Herramientas para mecanizado multi-tarea** H1

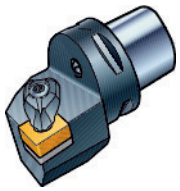
**CoroTurn SL cutting units for external machining** I12


## Piezas de repuesto

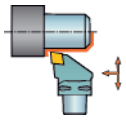
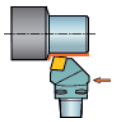
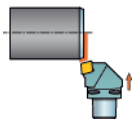
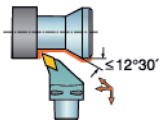
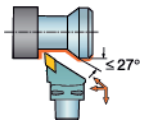

A351
Llaves dinamométricas A352

# Unidades de corte Coromant Capto® para plaquitas negativas

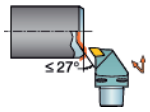
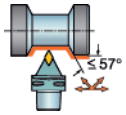
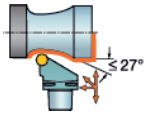
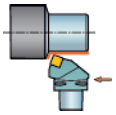
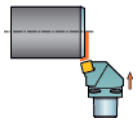
**CoroTurn® RC diseño de sujeción rígida**



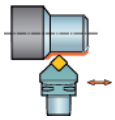
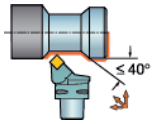
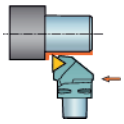
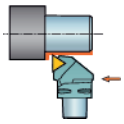
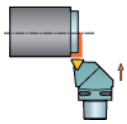
**Ángulo de posición (ángulo de avance)**

| | $\kappa_r$ 95° (-5°) | $\kappa_r$ 75° (15°) | $\kappa_r$ 75° (15°) | 107.5° (-17.5°) | 93° (-3°) |
|---|---|---|---|---|---|
| |  |  |  |  |  |
| | | | | | |
| | **DCLNR/L** | **DCRNR/L** | **DCKNR/L** | **DDHNR/L** | **DDJNR/L** |
| Tamaño de plaquita, mm | 09-25 | 12-19 | 12-19 | 15 | 11-15 |
| Tamaño de plaquita *iC*, pulgadas | 3/8-1 | 1/2-3/4 | 1/2-3/4 | 1/2 | 3/8-1/2 |
| Tamaño Coromant Capto® | C3-C8 | C4-C8 | C4-C8 | C4-C8 | C3-C8 |
| Página | A103 | A103 | A103 | A104 | A104 |

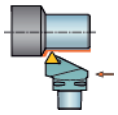
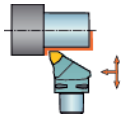
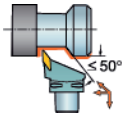
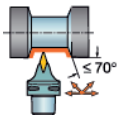
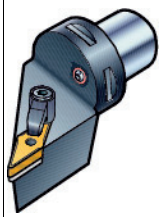
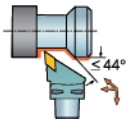
**Ángulo de posición (ángulo de avance)**

| | 93° (-3°) | 62.5° (27.5°) | - | $\kappa_r$ 75° (15°) | $\kappa_r$ 75° (15°) |
|---|---|---|---|---|---|
| |  |  |  |  |  |
| | | | | | |
| | **DDUNR/L** | **DDNNN** | **DRSNR/L** | **DSRNR/L** | **DSKNR/L** |
| Tamaño de plaquita, mm | 15 | 11-15 | 12 | 12-25 | 12-25 |
| Tamaño de plaquita *iC*, pulgadas | 1/2 | 3/8-1/2 | 1/2 | 1/2-1 | 1/2-1 |
| Tamaño Coromant Capto® | C4-C8 | C4-C8 | C4-C6 | C3-C8 | C3-C8 |
| Página | A104 | A104 | A105 | A106 | A106 |

**Ángulo de posición (ángulo de avance)**

| | 45° (45°) | 45° (45°) | 93° (-3°) | 91° (-1°) | 91° (-1°) |
|---|---|---|---|---|---|
| |  |  |  |  |  |
| | | | | | |
| | **DSDNN** | **DSSNR/L** | **DTJNR/L** | **DTGNR/L** | **DTFNR/L** |
| Tamaño de plaquita, mm | 12-25 | 12-25 | 16-27 | 16-22 | 16-22 |
| Tamaño de plaquita *iC*, pulgadas | 1/2-1 | 1/2-1 | 3/8-5/8 | 3/8-1/2 | 3/8-1/2 |
| Tamaño Coromant Capto® | C3-C8 | C3-C8 | C3-C6 | C4-C6 | C3-C6 |
| Página | A106 | A106 | A107 | A107 | A107 |

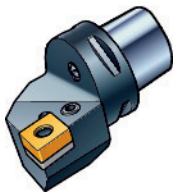
**Ángulo de posición (ángulo de avance)**

| | 60° (30°) | -5° ($\kappa_r$ 95°) | 93° (-3°) | 107.5° (-17.5°) | T-Max M, brida superior | Ángulo de posición (ángulo de avance) 93° (-3°) |
|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |
| | | | | | | |
| | **DTTNR/L** | **DWLNR/L** | **DVJNR/L** | **DVVNN** | | **MVJNR/L** |
| Tamaño de plaquita, mm | 16-22 | 06-08 | 16 | 16 | | 16 |
| Tamaño de plaquita *iC*, pulgadas | 3/8-1/2 | 3/8-1/2 | 3/8 | 3/8 | | 3/8 |
| Tamaño Coromant Capto® | C4-C6 | C3-C8 | C4-C8 | C4-C8 | | C3-C5 |
| Página | A107 | A109 | A108 | A108 | | A122 |

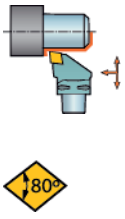
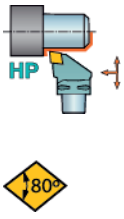
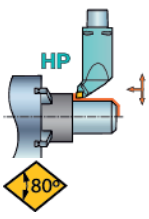
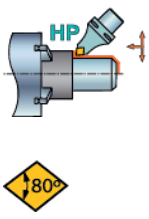
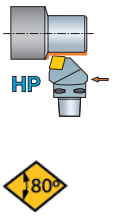
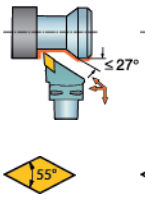
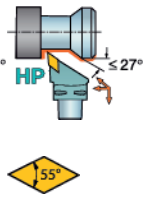
CoroTurn® HP, unidades de corte de alta presión Coromant Capto®, consulte la página A110

## Unidades de corte Coromant Capto® para plaquitas negativas

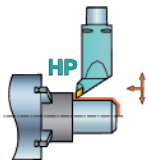
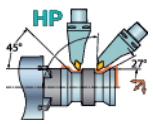
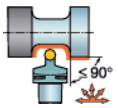
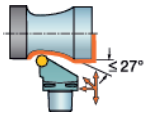
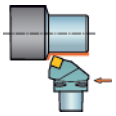
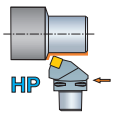
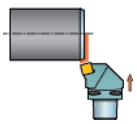
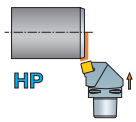
**Diseño de palanca T-Max P**



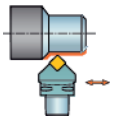
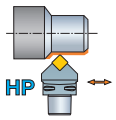
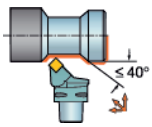
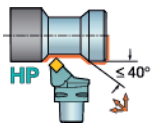
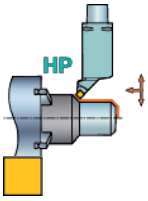
**Ángulo de posición (ángulo de avance)**

| | 95° (-5°) | 95° (-5°) | 95° (-5°) | 95° (-5°) | 75° (15°) | $\kappa_r$ 75° (15°) | $k_r$ 93° (-3°) | 93° (-3°) |
|---|---|---|---|---|---|---|---|---|
| |  |  |  |  | |  |  |  |
| | **PCLNR/L** | **PCLNR/L-HP** | **PCLNR/L-HP** | **PCMNN-HP** | **PCRNR/L** | **PCRNR/L-HP** | **PDJNR/L** | **PDJNR/L-HP** |
| Tamaño de plaquita, mm | | 12 | 12 | 12 | 12-19 | 16-19 | 11-15 | 11 |
| Tamaño de plaquita *iC*, pulgadas | 1/2-1 | 1/2 | 1/2 | 1/2 | 1/2-3/4 | 5/8-3/4 | | 1/2 |
| Tamaño Coromant Capto® | C3-C8 | C4-C6 | C6 | C6-C8 | C3-C6 | C6-C8 | C3-C6 | C4-C5 |
| Página | A115 | A111 | H22 | H22 | A115 | A111 | A116 | A112 |

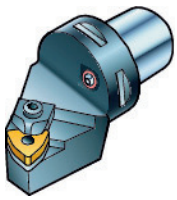
**Ángulo de posición (ángulo de avance)**

| | 93° (-3°) | 93° (-3°) | - | - | 75° (15°) | $\kappa_r$ 75° (15°) | 75° (15°) | $\kappa_r$ 75° (15°) |
|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |
| | **PDJNR/L-HP** | **PDMNR/L-HP** | **PRDCN** | **PRSCR/L** | **PSRNR/L** | **PSRNR/L-HP** | **PSKNR/L** | **PSKNR/L-HP** |
| Tamaño de plaquita, mm | 15 | 15 | 25-32 | 20-32 | | 15-19 | 12-19 | 15-19 |
| Tamaño de plaquita *iC*, pulgadas | 1/2 | 1/2 | .984-1.260 | .787-1.260 | 1/2-1 | 5/8-3/4 | 1/2-1 | 5/8-3/4 |
| Tamaño Coromant Capto® | C6 | C6 | C6-C8 | C6-C8 | C3-C8 | C6-C8 | C3-C8 | C6-C8 |
| Página | H23 | H23 | A117 | A117 | A118 | A113 | A118 | A113 |

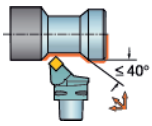
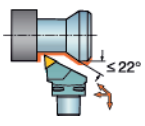
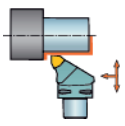
**Ángulo de posición (ángulo de avance)**

| | 45° (45°) | 45° (45°) | 45° (45°) | 45° (45°) | 45° (45°) |
|---|---|---|---|---|---|
| |  |  |  |  |  |
| | **PSDNN** | **PSDNN-HP** | **PSSNR/L** | **PSSNR/L-HP** | **PSSNR/L-HP** |
| Tamaño de plaquita, mm | 12-25 | 15-19 | 12-19 | 12-19 | 12 |
| Tamaño de plaquita *iC*, pulgadas | 1/2-1 | 5/8-3/4 | 1/2-3/4 | 1/2-3/4 | 1/2 |
| Tamaño Coromant Capto® | C4-C8 | C6-C8 | C3-C6 | C6 | C6 |
| Página | A119 | A113 | A119 | A114 | H24 |

**Diseño de sujeción con cuña T-Max P**

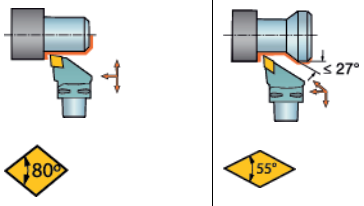
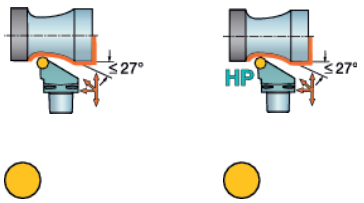
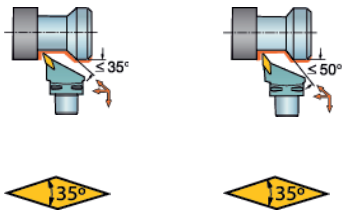


**Ángulo de posición (ángulo de avance)**

| | 45° (45°) | 93° (-3°) | 93° (-3°) |
|---|---|---|---|
| |  |  |  |
| | **MSSNR/L** | **MTJNR/L** | **MWLNR/L** |
| Tamaño de plaquita, mm | 25 | 16-27 | 06-08 |
| Tamaño de plaquita *iC*, pulgadas | 1 | 3/8-5/8 | 3/8-1/2 |
| Tamaño Coromant Capto® | C8 | C3-C6 | C3-C5 |
| Página | A120 | A120 | A121 |

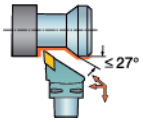
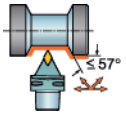
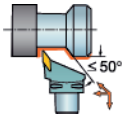
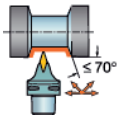
HP = CoroTurn® HP con refrigerante a alta presión

## Unidades de corte Coromant Capto® para plaquitas positivas

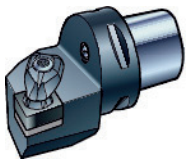
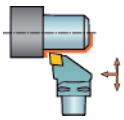
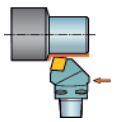
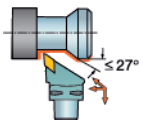
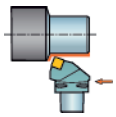
| **Diseño de sujeción por tornillo CoroTurn® 107** | **Ángulo de posición (ángulo de avance)** | | | | |
|---|---|---|---|---|---|
| | **95° (-5°)** | **93° (-3°)** | **62.5° (27.5°)** | **-** | **-** |
| | |  | | | |
| | **SCLCR/L** | **SDJCR/L** | **SDNCN** | **SRDCN** | **SRDCN-HP** |
| Tamaño de plaquita, mm | 09-12 | 07-11 | 11 | 05-20 | 12 |
| Tamaño de plaquita *iC*, pulgadas | 3/8-1/2 | 1/4-3/8 | 3/8 | .197-.787 | .472 |
| Tamaño Coromant Capto® | C3-C6 | C3-C6 | C3-C5 | C3-C6 | C6 |
| Página | A154 | A154 | A154 | A155 | A152 |
| | **Ángulo de posición (ángulo de avance)** | | | | |
| | **-** | **-** | **75° (15°)** | **93° (-3°)** | **91° (-1°)** |
| |  | | | | |
| | **SRSCR/L** | **SRSCR/L-HP** | **SSRCR/L** | **STJCR/L** | **STGCR/L** |
| Tamaño de plaquita, mm | 06-20 | 12 | 09-12 | 11-16 | 11-16 |
| Tamaño de plaquita *iC*, pulgadas | .236-.787 | .472 | 3/8-1/2 | 1/4-3/8 | 1/4-3/8 |
| Tamaño Coromant Capto® | C3-C6 | C6 | C3-C5 | C3-C5 | C3-C6 |
| Página | A156 | A152 | A157 | A158 | A158 |
| | **Ángulo de posición (ángulo de avance)** | | | | |
| | **107.5° (-17.5°)** | **93° (-3°)** | **107.5° (-17.5°)** | **93° (-3°)** | **93° (-3°)** |
| |  | | | | |
| | **SVHBR/L** | **SVJBR/L** | **SVVBN** | **SVMBR/L-HP** | **SVJBR/L-HP** |
| Tamaño de plaquita, mm | 11-16 | 11-16 | 11-16 | 16 | 16 |
| Tamaño de plaquita *iC*, pulgadas | 1/4-3/8 | 1/4-3/8 | 1/4-3/8 | 3/8 | 3/8 |
| Tamaño Coromant Capto® | C3-C6 | C3-C6 | C3-C6 | C6 | C5-C8 |
| Página | A159 | A159 | A159 | H25 | A153 |

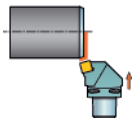
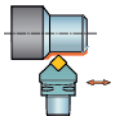
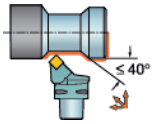
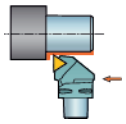
HP = CoroTurn® HP con refrigerante a alta presión

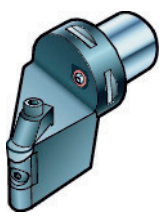
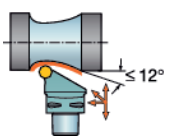
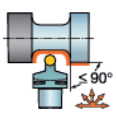
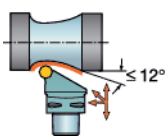
## Unidades de corte Coromant Capto® para plaquitas positivas

| Diseño de sujeción por tornillo CoroTurn® TR | Ángulo de posición (ángulo de avance) | | | |
|---|---|---|---|---|
| | 93° (-3°) | 62.5° (27.5°) | 93° (-3°) | 107.5° (-17.5°) |
| |  |  |  |  |
| | | | | |
| | **D13JCR/L** | **D13NCN** | **V13JBR/L** | **V13VBN** |
| Tamaño de plaquita, mm<br>Tamaño Coromant Capto® | 13<br>C4-C6 | 13<br>C4-C6 | 13<br>C4-C6 | 13<br>C4-C6 |
| Página | A179 | A179 | A180 | A180 |

## Unidades de corte Coromant Capto® para plaquitas de cerámica

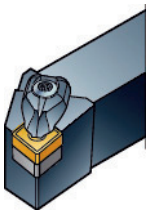
| CoroTurn® RC diseño de sujeción rígida | Ángulo de posición (ángulo de avance) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 95° (-5°) | | 75° (15°) | | 93° (-3°) | | 75° (15°) | |
|  |  | |  | |  | |  | |
| | | | | | | | | |
| | **DCLNR/L** | **CCLNR/L** | **DCRNR/L** | **CCRNR/L** | **DDJNR/L** | **CDJNR/L** | **DSRNR/L** | **CSRNR/L** |
| Tamaño de plaquita, mm<br>Tamaño de plaquita *iC*, pulgadas<br>Tamaño Coromant Capto® | 12-16<br>1/2-5/8<br>C4-C6 | 12-16<br>1/2-5/8<br>C4-C6 | 12-16<br>1/2-5/8<br>C4-C6 | 12-16<br>1/2-5/8<br>C4-C6 | 15<br>1/2<br>C5-C6 | 15<br>1/2<br>C5-C6 | 15<br>1/2<br>C4-C6 | 12-15<br>1/2-5/8<br>C4-C6 |
| Página | A186 | A187 | A186 | A187 | A188 | A188 | A189 | A190 |

| | Ángulo de posición (ángulo de avance) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 75° (15°) | | 45° (45°) | | 45° (45°) | | 91° (-1°) | |
| |  | |  | |  | |  | |
| | | | | | | | | |
| | **DSKNR/L** | **CSKNR/L** | **DSDNN** | **CSDNN** | **DSSNR/L** | **CSSNR/L** | **DTGNR/L** | **CTGNR/L** |
| Tamaño de plaquita, mm<br>Tamaño de plaquita *iC*, pulgadas<br>Tamaño Coromant Capto® | 12<br>1/2<br>C4-C6 | 12<br>1/2<br>C4-C6 | 12<br>1/2<br>C4-C6 | 12-15<br>1/2-5/8<br>C4-C6 | 12<br>1/2<br>C4-C6 | 12-15<br>1/2-5/8<br>C4-C6 | 12<br>1/2<br>C4-C6 | 12<br>1/2<br>C4-C6 |
| Página | A189 | A190 | A189 | A190 | A191 | A191 | A192 | A192 |

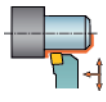
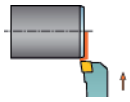
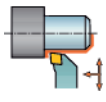
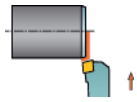
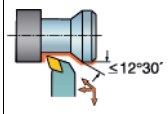
| T-Max® diseño de brida superior | Ángulo de posición (ángulo de avance) | | |
|---|---|---|---|
|  |  |  |  |
| | **CRSCR/L** | **CRDCN** | **CRSNR/L** |
| Tamaño de plaquita, mm<br>Tamaño de plaquita *iC*, pulgadas<br>Tamaño Coromant Capto® | 9-12<br>3/8-1/2<br>C5 | 9-12<br>3/8-1/2<br>C5 | 9-12<br>3/8-1/2<br>C3-C6 |
| Página | A193 | A193 | A193 |

# Herramientas con mango para plaquitas negativas

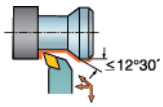
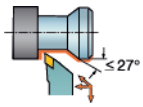
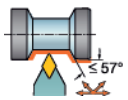
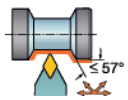
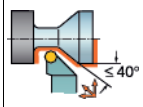
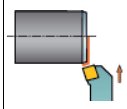
**CoroTurn® RC diseño de sujeción rígida**



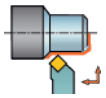
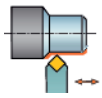
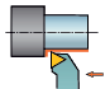
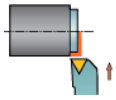
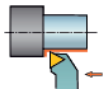
**Ángulo de posición (ángulo de avance)**

| | $\kappa_r$ 95° (-5° ) | $\kappa_r$ 91° (-1°) | $\kappa_r$ 91° (-1°) | $\kappa_r$ 75° (15°) | $\kappa_r$ 75° (15°) | $\kappa_r$ 75° (15°) | $\kappa_r$ 107.5° (-17.5°) |
|---|---|---|---|---|---|---|---|
| |  |  |  |  | | |  |
| | | | | | | | |
| | **DCLNR/L** | **DCFNR/L** | **DCGNR/L** | **DCKNR/L** | **DCBNR/L** | **DCRNR/L** | **DDHNR/L** |
| Tamaño de plaquita, mm | 09-25 | 12 | 12-19 | 12-16 | 12-19 | 12-19 | 15 |
| Tamaño de plaquita *iC*, pulgadas | 3/8-1 | 1/2 | 1/2-3/4 | 1/2-5/8 | 1/2-3/4 | 1/2-3/4 | 1/2 |
| Tamaño de mango, mm | 16-50 | – | – | 20-40 | 20-40 | – | 20-32 |
| Tamaño del mango, pulgadas | .625-1.500 | 1.000 | 1.000-1.500 | .750-1.250 | – | .750-1.500 | – |
| Página | A123 | A124 | A124 | A124 | A125 | A125 | A126 |

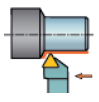
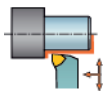
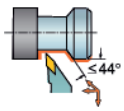
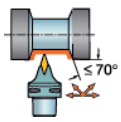
**Ángulo de posición (ángulo de avance)**

| | $k_r$ 72.5°(17.5°) | $k_r$ 93° (-3°) | $k_r$ 62.5°(27.5°) | $k_r$ 62.5° (27.5°) | - | $k_r$ 75° (15°) | $k_r$ 75° (15°) |
|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  | |
| | | | | | | | |
| | **DDQNR/L** | **DDJNR/L** | **DDPNN** | **DDNNN** | **DRSNR/L** | **DSKNR/L** | **DSBNR/L** |
| Tamaño de plaquita, mm | | 11-15 | | 11-15 | 09-25 | 09-25 | 09-25 |
| Tamaño de plaquita *iC*, pulgadas | 3/8-1/2 | 3/8-1/2 | 3/8-1/2 | 3/8-1/2 | 3/8-3/4 | 3/8-1 | 3/8-1 |
| Tamaño de mango, mm | – | 16-40 | – | 20-32 | 20-32 | 20-50 | 16-50 |
| Tamaño del mango, pulgadas | .750-1.500 | .625-1.500 | .750-1.250 | – | .750-1.250 | .750-2.000 | – |
| Página | A126 | A126 | A127 | A127 | A128 | A129 | A130 |

**Ángulo de posición (ángulo de avance)**

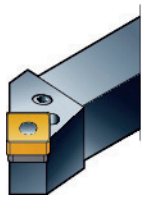
| | $k_r$ 75° (15°) | $k_r$ 45° (45°) | $k_r$ 45° (45°) | $k_r$ 93° (-3°) | $k_r$ 91° (-1°) | $k_r$ 91° (-1°) | $k_r$ 75° (15°) |
|---|---|---|---|---|---|---|---|
| | |  |  |  |  |  | |
| | | | | | | | |
| | **DSRNR/L** | **DSSNR/L** | **DSDNN** | **DTJNR/L** | **DTFNR/L** | **DTGNR/L** | **DTRNR/L** |
| Tamaño de plaquita, mm | | 09-25 | 09-25 | 16-27 | 16-33 | 16-27 | |
| Tamaño de plaquita *iC*, pulgadas | 3/8-1 | 3/8-1 | 3/8-1 | 3/8-5/8 | 3/8-3/4 | 3/8-3/4 | 3/8-1/2 |
| Tamaño de mango, mm | – | 16-40 | 16-40 | 16-40 | 16-40 | 16-40 | – |
| Tamaño del mango, pulgadas | .625-2.000 | .625-1.500 | .625-1.500 | .750-1.500 | .625-1.500 | .625-1.500 | .750-1.000 |
| Página | A130 | A131 | A132 | A133 | A134 | A135 | A135 |

**Ángulo de posición (ángulo de avance)**

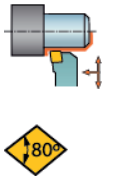
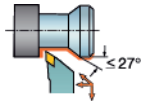
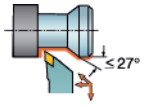
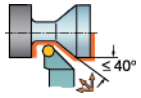
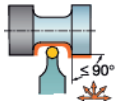
| | $k_r$ 60° (30°) | $k_r$ 95° (-5°) | $k_r$ 117.5(- 27.5°) | $k_r$ 117.5(-27.5°) | $k_r$ 93° (-3°) | $k_r$ 107.5°(-17.5°) |
|---|---|---|---|---|---|---|
| |  |  | | |  |  |
| | | | | | | |
| | **DTTNR/L** | **DWLNR/L** | **DVPNR/L** | **DVTNR/L** | **DVJNR/L** | **DVVNN** |
| Tamaño de plaquita, mm | 16-22 | 06-08 | 16 | | 16 | 16 |
| Tamaño de plaquita *iC*, pulgadas | 3/8-1/2 | 3/8-1/2 | 3/8 | 3/8 | 3/8 | 3/8 |
| Tamaño de mango, mm | 16-25 | 16-40 | 25-40 | – | 20-40 | 20-40 |
| Tamaño del mango, pulgadas | .625-1.000 | .625-1.250 | – | 1.000-1.500 | .750-1.500 | .750-1.500 |
| Página | A135 | A137 | A136 | A136 | A136 | A136 |

## Herramientas con mango para plaquitas negativas

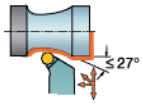
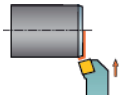
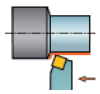
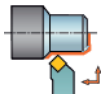
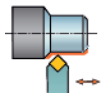
**Diseño de palanca T-Max P**



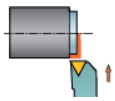
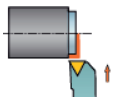
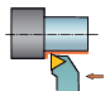
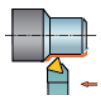
**Ángulo de posición (ángulo de avance)**

| | $\kappa_r$ 95° (-5° ) | $\kappa_r$ 75° (15°) | $\kappa_r$ 93° (-3°) | $\kappa_r$ 93° (-3°) | - | - |
|---|---|---|---|---|---|---|
| |  | |  |  |  |  |
| | **PCLNR/L** | **PCBNR/L** | **PDJNR/L** | **R/L 171.35** | **PRGNR/L** | **PRDCN** |
| Tamaño de plaquita, mm | 09-25 | 12-19 | 11-15 | 15 | 09-25 | 10-32 |
| Tamaño de plaquita *iC*, pulgadas | 3/8-1 | 1/2-3/4 | 3/8-1/2 | 1/2 | 3/8-1 | .394-1.260 |
| Tamaño de mango, mm | 16-50 | 25-40 | 16-32 | 25-32 | 20-40 | 20-50 |
| Página | A138 | A138 | A139 | A139 | A140 | A140 |

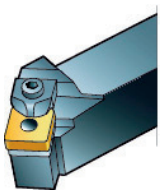
**Ángulo de posición (ángulo de avance)**

| - | $\kappa_r$ 75° (15°) | $\kappa_r$ 75° (15°) | $\kappa$r 45° | $\kappa$r 45° |
|---|---|---|---|---|
|  |  |  |  |  |
| **PRGCR/L** | **PSKNR/L** | **PSBNR/L** | **PSSNR/L** | **PSDNN** |
| 10-32 | 09-25 | 09-25 | 09-25 | 09-25 |
| .394-1.260 | 3/8-1 | 3/8-1 | 3/8-1 | 3/8-1 |
| 20-50 | 16-50 | 12-50 | 16-40 | 10-40 |
| A140 | A141 | A141 | A141 | A142 |

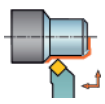
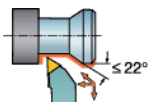
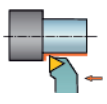
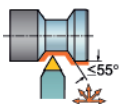
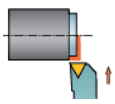
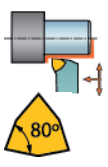
**Ángulo de posición (ángulo de avance)**

| $\kappa_r$ 91° (-1°) | $\kappa_r$ 91° (-1°) | $\kappa_r$ 91° (-1°) | $\kappa_r$ 60° (30°) | $\kappa$r 45° |
|---|---|---|---|---|
|  |  |  | |  |
| **PTFNR/L** | **R/L 177.3** | **PTGNR/L** | **PTTNR/L** | **PTDNR/L** |
| 11-33 | 11 | 11-27 | 11-22 | 22 |
| 1/4-3/4 | 1/4 | 1/4-5/8 | 1/4-1/2 | 1/2 |
| 12-40 | 10 | 10-40 | 10-25 | 25 |
| A143 | A143 | A143 | A144 | A144 |

**Diseño de sujeción con cuña T-Max P**

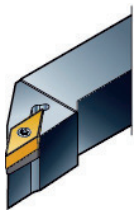


**Ángulo de posición (ángulo de avance)**

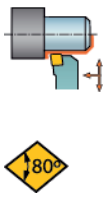
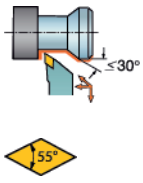
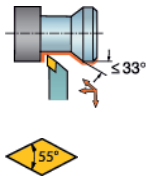
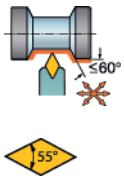
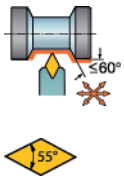
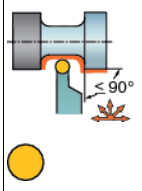
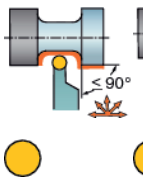
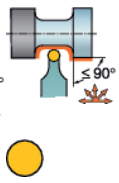
| $\kappa$r 45° | $\kappa_r$ 93° (-3°) | $\kappa_r$ 91° (-1°) | $\kappa_r$ 60° (30°) | $\kappa_r$ 91° (-1°) | $\kappa$r 95° (-5°) |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
| **MSSNR/L** | **WTJNR/L MTJNR/L** | **WTGNR/L MTGNR/L** | **WTENN MTENN** | **WTFNR/L** | **MWLNR/L** |
| 12-25 | 16-22 | 22 | 22 | (1/2) | 06-08 |
| 1/2-1 | 3/8-5/8 | 1/2 | 1/2-5/8 | | |
| 25-40 | 20-25 | 25-32 | 25-32 | – | 2020-3225 |
| – | .750-1.500 | 1.000 | 1.000-1.250 | 1.000 | - |
| A145 | A146 | A147 | A147 | A146 | A148 |

## Herramientas con mango para plaquitas positivas

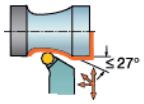
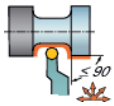
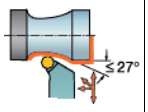
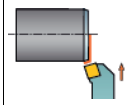
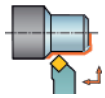
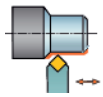
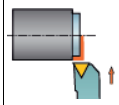
**Diseño de sujeción por tornillo CoroTurn® 107**



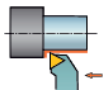
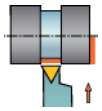
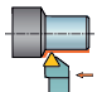
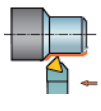
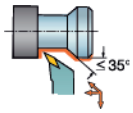
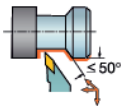
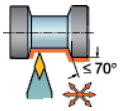
**Ángulo de posición (ángulo de avance)**

| | $\kappa_r$ 95° (-5° ) | $\kappa_r$ 93° (-3°) | $\kappa_r$ 90° (0°) | $\kappa_r$ 62.5° (27.5°) | $\kappa r$ 62.5° (27.5°) | - | - | - |
|---|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |  |
| |  |  |  |  |  |  |  |  |
| | **SCLCR/L** | **SDJCR/L** | **SDACR/L** | **SDNCN** | **SDPCN** | **SRDCR/L** | **SRACR/L** | **SRDCN** |
| Tamaño de plaquita, mm | 9-12 | 07-11 | 07-11 | 07-11 | 07-11 | 05-08 | | 05-20 |
| Tamaño de la plaquita, pulg. | 1/4-1/2 | 1/4-3/8 | 1/4-3/8 | 1/4-3/8 | 1/4-3/8 | .197-.315 | 1/4-1/2 | .197-.315 |
| Tamaño de mango, mm | 08-25 | 08-25 | 08-16 | 10-25 | | 20-25 | | 10-32 |
| Tamaño del mango, pulgadas | .375-1.250 | .375-1.000 | .375-.750 | | .375-1.000 | | 1.000-1.250 | .500-.625 |
| Página | A160 | A162 | A163 | A163 | A163 | A164 | A164 | A164 |

**Ángulo de posición (ángulo de avance)**

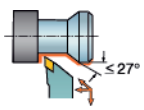
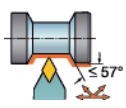
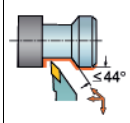
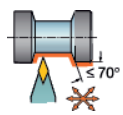
| | **Métrica** | **Pulgadas** | - | $\kappa_r$ 75° (15°) | $\kappa_r$ 75° (15°) | $\kappa_r$ 45° (45°) | $\kappa_r$ 45° (45°) | $\kappa_r$ 91° (-1°) |
|---|---|---|---|---|---|---|---|---|
| |  |  |  |  | |  |  |  |
| | | | | | | | | |
| | **SRSCR/L** | **SRSCR/L** | **SRGCR/L** | **SSKCR/L** | **SSBCR/L** | **SSDCR/L** | **SSDCN** | **STFCR/L** |
| Tamaño de plaquita, mm | 05-20 | 1/4-3/4 | 3/8-3/4 | 09 | 09-12 | 09-12 | 09 | 09- 12 |
| Tamaño de la plaquita, pulg. | | | | 3/8 | 3/8-1/2 | 3/8-1/2 | 3/8 | 7/32-3/8 |
| Tamaño de mango, mm | 20-32 | | | 16 | 16-25 | 16-25 | 12-16 | 10-25 |
| Tamaño del mango, pulgadas | | .750-1.500 | .750-1.250 | .625 | .625 | .625-1.000 | .500-1.000 | .375-1.000 |
| Página | A165 | A165 | A165 | A166 | A166 | A166 | A166 | A169 |

**Ángulo de posición (ángulo de avance)**

| | $\kappa_r$ 91° (-1°) | $\kappa_r$ 90° (0°) | $\kappa_r$ 60° (30°) | $\kappa_r$ 45° (45°) | $\kappa_r$ 107.5° (-17.5°) | $\kappa_r$ 93° (-3°) | $\kappa_r$ 72,5° |
|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |
| | | | | | | | |
| | **STGCR/L** | **STFCR/L-A** | **STTCR/L** | **STDCR/L** | **SVHBR/L** | **SVJBR/L** | **SVVBN** |
| Tamaño de plaquita, mm | 09-16 | 11-16 | 09-16 | 11-16 | 16-22 | 09-16 | 09-16 |
| Tamaño de la plaquita, pulg. | 1/4-3/8 | 1/4-3/8 | 1/4-3/8 | 7/32-3/8 | 3/8-1/2 | 1/4-3/8 | 1/4-3/8 |
| Tamaño de mango, mm | 08-25 | 20-25 | 16-25 | 10-25 | 20-25 | 10-25 | 08-25 |
| Tamaño del mango, pulgadas | .375-1.000 | | .750-1.000 | .375-.750 | .750-1.000 | .375-1.250 | .375-1.250 |
| Página | A167 | A167 | A168 | A168 | A170 | A171 | A173 |

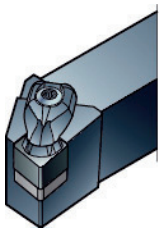
**Diseño con sujeción por tornillo CoroTurn® TR**

**Ángulo de posición (ángulo de avance)**

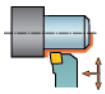
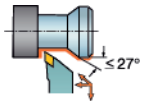
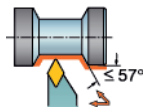
| | $\kappa_r$ 93° (-3°) | $\kappa_r$ 62.5° (27.5°) | $\kappa_r$ 93° (-3°) | $\kappa_r$ 72,5° |
|---|---|---|---|---|
| |  |  |  |  |
| | | | | |
| | **D13JCR/L** | **D13NCN** | **V13JBR/L** | **V13VBN** |
| Tamaño de plaquita, mm | 13 | 13 | 13 | 13 |
| Tamaño de mango, mm | 16-25 | 16-25 | 16-25 | 16-25 |
| Tamaño del mango, pulgadas | .625-1.000 | .625-1.000 | .625-1.000 | .625-1.000 |
| Página | A181 | A181 | A183 | A183 |

## Herramientas con mango para plaquitas cerámicas

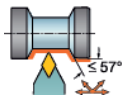
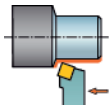
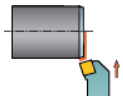
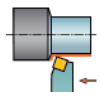
**CoroTurn® RC diseño de sujeción rígida**



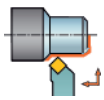
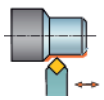
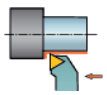
**Ángulo de posición (ángulo de avance)**

| | $\kappa_r$ 95° (-5° ) | | $\kappa_r$ 75° (15°) | | $\kappa_r$ 93° (-3°) | | $\kappa_r$ 62.5° (27.5°) | |
|---|---|---|---|---|---|---|---|---|
| |  | | | |  | |  | |
| | | | | | | | | |
| | **DCLNR/L** | **CCLNR/L** | **DCRNR/L DCBNR/L** | **CCRNR/L CCBNR/L** | **DDJNR/L** | **CDJNR/L** | **DDNNR/L** | **CDNNR/L** |
| Tamaño de plaquita, mm | 12-16 | 12-16 | 12-16 | 12-16 | 15 | 15 | 15 | 15 |
| Tamaño de plaquita *iC*, pulgadas | 1/2-5/8 | 1/2-5/8 | 1/2-5/8 | 1/2-5/8 | 1/2 | 1/2 | 1/2 | 1/2 |
| Tamaño de mango, mm | 25-32 | 25-32 | 25-32 | 25-32 | 25-32 | 25-32 | 32 | 32 |
| Tamaño del mango, pulgadas | .750-1.500 | .750-1.500 | .750-1.500 | .750-1.000 | 1.000-1.500 | 1.000-1.250 | 1.250 | 1.250 |
| Página | A194 | A195 | A194 | A195 | A196 | A197 | A196 | A197 |

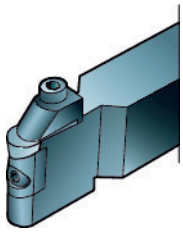
**Ángulo de posición (ángulo de avance)**

| | $\kappa_r$ 62.5° (27.5°) | | $\kappa_r$ 75° (15°) | | $\kappa_r$ 75° (15°) | | $\kappa_r$ 75° (15°) | |
|---|---|---|---|---|---|---|---|---|
| |  | |  | |  | |  | |
| | | | | | | | | |
| | **DDNNN** | **CDNNN** | **DSRNR/L** | **CSRNR/L** | **DSKNR/L** | **CSKNR/L** | **DSBNR/L** | **CSBNR/L** |
| Tamaño de plaquita, mm | 15 | 15 | 12 | 12-15 | 12 | 12 | 12 | 12 |
| Tamaño de plaquita *iC*, pulgadas | 1/2 | 1/2 | 1/2 | 1/2-5/8 | 1/2 | 1/2 | 1/2 | 1/2 |
| Tamaño de mango, mm | 50 | 50 | 25-32 | 25-32 | 25-32 | 25 | 25 | 25 |
| Tamaño del mango, pulgadas | | | .750-1.500 | .750-1.500 | 1.000 | 1.000 | | |
| Página | A196 | A197 | A198 | A200 | A198 | A200 | A198 | A200 |

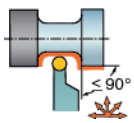
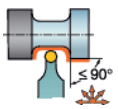
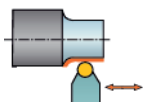
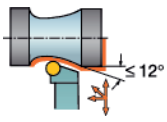
**Ángulo de posición (ángulo de avance)**

| | $\kappa_r$ 45° (45°) | | $\kappa_r$ 45° (45°) | | $\kappa_r$ 91° (-1°) | |
|---|---|---|---|---|---|---|
| |  | |  | |  | |
| | | | | | | |
| | **DSSNR/L** | **CSSNR/L** | **DSDNN** | **CSDNN** | **DTGNR/L** | **CTGNR/L** |
| Tamaño de plaquita, mm | 12 | 12 | 12 | 12 | 22 | 22 |
| Tamaño de plaquita *iC*, pulgadas | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| Tamaño de mango, mm | 25-32 | 25-32 | 25-32 | 25-32 | 32 | 32 |
| Tamaño del mango, pulgadas | 1.000-1.250 | 1.000-1.250 | 1.000-1.250 | 1.000-1.250 | 1.250 | 1.250 |
| Página | A198 | A200 | A198 | A200 | A202 | A203 |

**T-Max® diseño de brida superior**



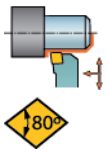
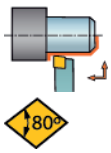
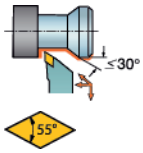
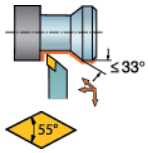
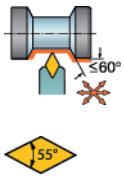
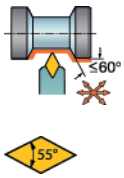
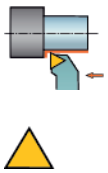
**Ángulo de posición (ángulo de avance)**

| | - | - | - | - |
|---|---|---|---|---|
| |  |  |  |  |
| | | | | |
| | **CRDCR/L** | **R/L176.9** | **CRDNN** | **CRSNR/L** |
| Tamaño de plaquita, mm | 09-12 | 06-25 | 09-12 | 09-25 |
| Tamaño de plaquita *iC*, pulgadas | 3/8-1/2 | 1/4-1 | 3/8-1/2 | 3/8-1 |
| Tamaño de mango, mm | 32 | 32-50 | 25-32 | 25-50 |
| Página | A204 | A204 | A205 | A205 |

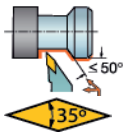
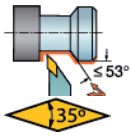
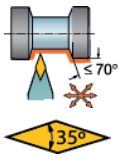
# Herramientas de vástago para mecanizado de piezas pequeñas

**Diseño de sujeción por tornillo CoroTurn® 107**

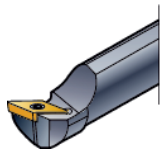
Ángulo de posición (ángulo de avance)

| | $\kappa_r$ 95° (-5° ) | $\kappa_r$ 90° (0°) | $\kappa_r$ 93° (-3°) | $\kappa_r$ 90° (0°) | $\kappa_r$ 62.5° (27.5°) | $\kappa_r$ 62.5° (27.5°) | $\kappa_r$ 93° (-3°) |
|---|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |  |
| | **SCLCR/L** | **SCACR/L** | **SDJCR/L** | **SDACR/L** | **SDNCN** | **SDPCN** | **STJCR/L** |
| Tamaño de plaquita, mm | 06-09 | 06-09 | 07-11 | 07-11 | 07-11 | 3/8 | 11 |
| Tamaño de plaquita *iC*, pulgadas | 1/4-3/8 | 1/4-3/8 | 1/4-3/8 | 1/4-3/8 | 1/4-3/8 | | 1/4 |
| Tamaño de mango, mm | 08-16 | 08-16 | 08-16 | 08-16 | 10-16 | | 10-16 |
| Tamaño del mango, pulgadas | .375-.750 | .375-.750 | .375-.750 | .375-.750 | | .500-.750 | .375-.625 |
| Página | A209 | A209 | A210 | A210 | A210 | A210 | A211 |
| Página sobre sistema de sujeción QS | A225 | A225 | A226 | - | A226 | A226 | A227 |

Ángulo de posición (ángulo de avance)

| | $\kappa_r$ 93° (-3°) | $\kappa_r$ 90° (0°) | $\kappa_r$ 72,5° |
|---|---|---|---|
| |  |  |  |
| | **SVJBR/L** | **SVABR/L** | **SVVBN** |
| Tamaño de plaquita, mm | 11 | 11-16 | 11 |
| Tamaño de plaquita *iC*, pulgadas | 1/4-3/8 | 1/4-3/8 | 1/4 |
| Tamaño de mango, mm | 10-16 | 10-16 | 08-16 |
| Tamaño del mango, pulgadas | .375-.750 | .375-.750 | .375-.625 |
| Página | A212 | A213 | A213 |
| Página sobre sistema de sujeción QS | A228 | A228 | A228 |

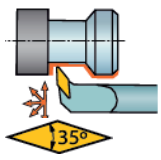
**Barras para mandrinar en pulgadas**



| | |
|---|---|
| Tamaño de plaquita, mm | |
| Tamaño de plaquita *iC*, pulgadas | |
| Diámetro de la barra, pulg. | |
| Página | |

Ángulo de posición (ángulo de avance)

$\kappa_r$ 93° (-3°)

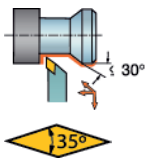
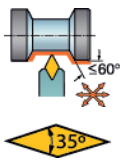
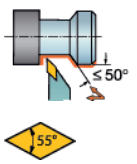
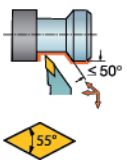


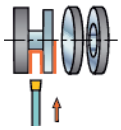
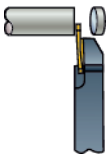
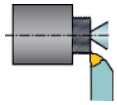
**SVUBL**

| |
|---|
| 11 |
| 1/4 |
| .750-1.000 |
| A214 |
| - |

**Diseño de sujeción por tornillo CoroTurn® TR**

Ángulo de posición (ángulo de avance)

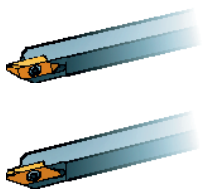
| | $\kappa_r$ 93° (-3°) | $\kappa_r$ 62.5° (27.5°) | $\kappa_r$ 93° (-3°) | $\kappa_r$ 72,5° |
|---|---|---|---|---|
| |  |  |  |  |
| | **D13JCR/L** | **D13NCN** | **V13JBR/L** | **V13VBN** |
| Tamaño de plaquita, mm | 13 | 13 | 13 | 13 |
| Tamaño de mango, mm | 16 | 16 | 16 | 16 |
| Tamaño del mango, pulgadas | .625 | .625 | .625 | .625 |
| Página | A215 | A215 | A216 | A216 |
| Página sobre sistema de | - | - | - | - |

| CoroCut® 1-2 | CoroCut® 3 | CoroThread ™ 266 |
|---|---|---|
|  |  |  |
| **R/LF123** | **RF123T LF123U** | **266 R/LFA** |
| - | - | 10-16 |
| .375-669 | .394-.630 | .375-.730 |
| B40 | B58 | C37 |
| A231 | A229 | A232 |

**CoroCut® XS**

Encontrará la gama completa de plaquitas para tronzado, ranurado, roscado y torneado, en la página B88

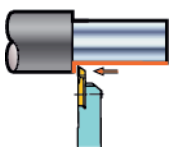
**Portaherramientas**



**SMALR/L**

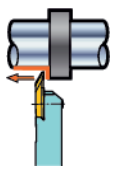
**Plaquitas**

**Torneado**



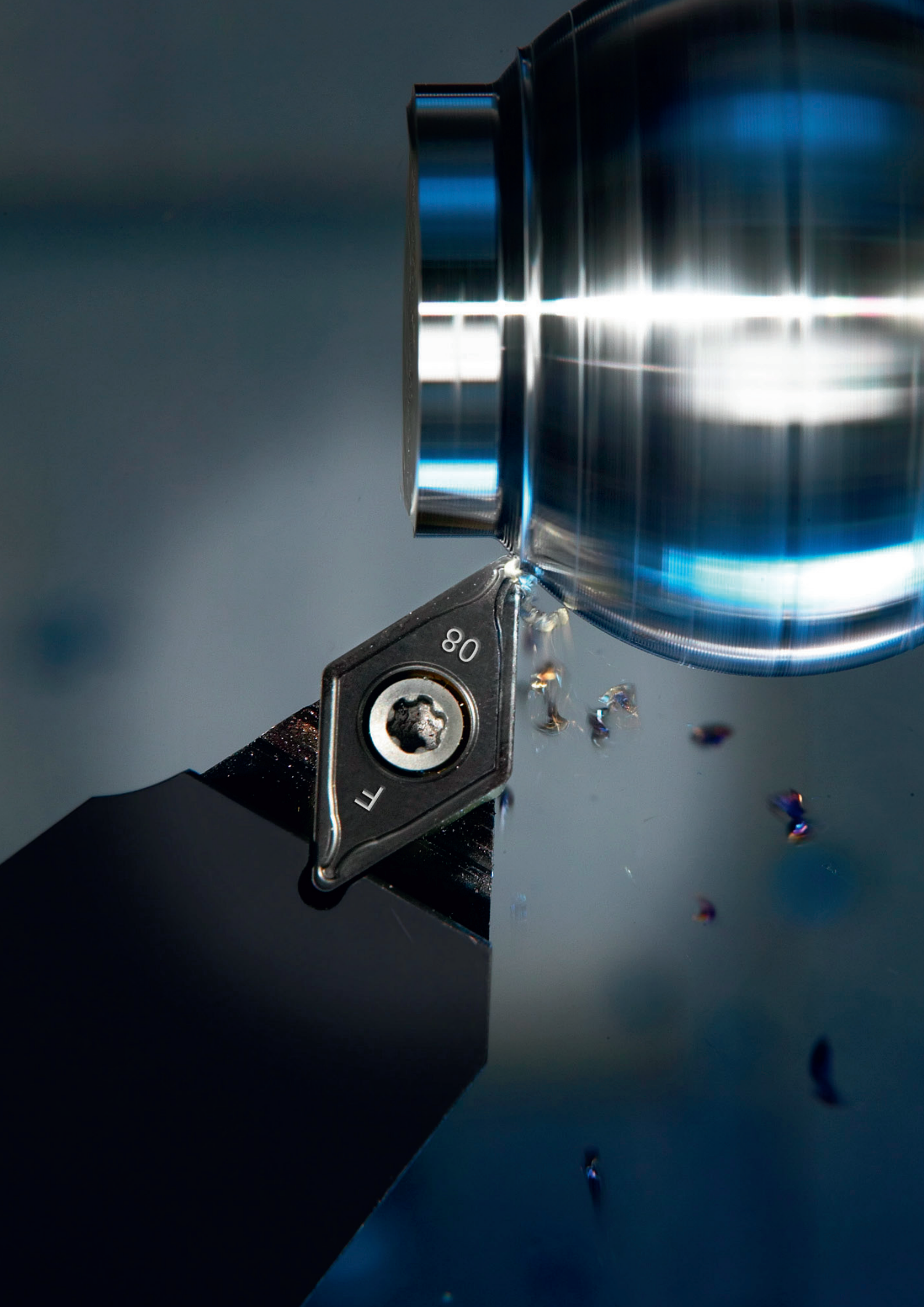
**MAFR/L**

**Torneado inverso**



**MABR/L**

| | | | |
|---|---|---|---|
| Tamaño de plaquita, mm | | 3 | 3 |
| Tamaño de mango, mm | 10-16 | | |
| Tamaño del mango, pulgadas | .500-.625 | | |
| Página | B94 | B92 | B92 |
| Página sobre sistema de sujeción QS | A230 | | |


80
F

# Clave de códigos para dispositivos de sujeción y unidades de corte Coromant Capto®

**Coromant Capto®**

| C3 | – | D | C | L | N | R | 22 | 040 | – | 09 | – | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2 | 3 | 4 | 5 | 6 | 9 | 10 | | 11 | | 12 |

**Herramienta con mango, métrico**

| D | C | L | N | R | 25 | 25 | M | 12 | – | 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 10 | 11 | | 13 |

**Herramienta con mango, pulgadas**

| D | C | L | N | R | 16 | 4 | D | – | |
|---|---|---|---|---|---|---|---|---|---|
| 2 | 3 | 4 | 5 | 6 | 7–8 | 11 | 10 | | 12 |

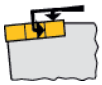
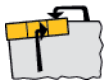
**1** Tamaño de acoplamiento, mm

C = Coromant Capto®
$D_{5m}$ = Tamaño de acoplamiento

C3 $D_{5m}$ = 32
C4 $D_{5m}$ = 40
C5 $D_{5m}$ = 50
C6 $D_{5m}$ = 63
C8 $D_{5m}$ = 80

Coromant Capto®

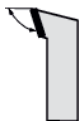
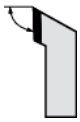
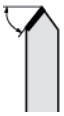
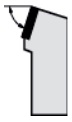
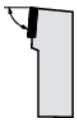
**2** Sistema de sujeción

| C | D | M, W | P | S |
|---|---|---|---|---|
| |  |  | | |
| Sujeción por cara superior | Sujeción por la cara superior y por el agujero (RC) | Sujeción por cara superior y por el agujero | Sujeción por el agujero | Sujeción por tornillo |

**3** Forma de la plaquita

| | | | |
|---|---|---|---|
| C | D | | |
| K | R | | |
| S | T | | |
| V | W | | |

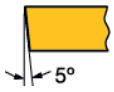
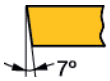
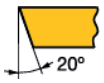
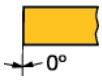
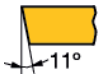
**4** Ángulo de posición por tipo de mango (ángulo de avance)

| | | | | | | |
|---|---|---|---|---|---|---|
| A 90° (0°) | B 75° (15°) | D 45° (45°) | E 60° (30°) | F 91° (-1°) | G 91° (-1°) | H 107.5° (-17.5°)  |
| J 93° (-3°)  | K 75° (15°) | L 95° (-5°) | M 50° (40°)  | N 62.5° (27.5°) | Q 107.5° (-17.5°) | R 75° (15°)  |
| S 45° (45°) | T 60° (30°) | U 93° (-3°) | V 72.5° (17.5°) | Y(X) 85° (5°)  | Y(Z) 85° (5°) | P 62.5° (27.5°) |

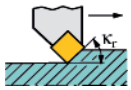


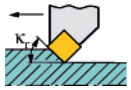
SANDVIK Coromant

**5** Ángulo de incidencia de la plaquita

| | | | |
|---|---|---|---|
| B |   | C |   |
| D | | E |   |
| N |   | P |   |
| O | Descripción específica | | |

**6** Sentido de la herramienta

R  

L Avance 

N Avance

**7 & 8** Tamaño de mango (b, anchura y h, altura) pulgadas

| | | | |
|---|---|---|---|
| 05 | = 5/16 X 5/16 | 85 | = 1 X 1 1/4 |
| 06 | = 3/8 X 3/8 | 86 | = 1 X 1 1/2 |
| 08 | = 1/2 X 1/2 | 20 | = 1 1/4 X 1 1/4 |
| 10 | = 5/8 X 5/8 | 24 | = 1 1/2 X 1 1/2 |
| 12 | = 3/4 X 3/4 | 32 | = 2 X 2 |
| 16 | = 1 X 1 | | |

Las posiciones séptima y octava corresponden a un único número de dos dígitos que indica la sección transversal del mango. En mangos cuadrados de 5/8" y superiores, el número representará la anchura y altura en dieciseisavos de pulgada.

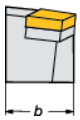
En mangos cuadrados inferiores a 5/8", el número de dieciseisavos de pulgada de la sección transversal estará precedido por un cero.

En mangos rectangulares, el primer dígito representa la anchura en octavos de pulgada y el segundo dígito la altura en cuartos de pulgada.

**7 & 8** Tamaño de mango (b, anchura y h, altura) métrica

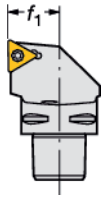
7 Altura del mango

* Los números enteros van precedidos de 0, p. ej., h = 8 mm se indica con 08

8 Anchura de mango  

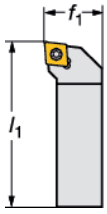
* Los números enteros van precedidos de 0, p. ej., b = 8 mm se indica con 08

**9** Dimensión $f_1$, Coromant Capto®

Dimensiones $f_1$ en mm (2 dígitos)

**10** Longitud y anchura de la herramienta, pulgadas

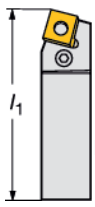
 

| | |
|---|---|
| **A** | $l_1$ = 4" |
| **B** | $l_1$ = 4.5" |
| **C** | $l_1$ = 5" |
| **D** | $l_1$ = 6" |
| **E** | $l_1$ = 7" |
| **F** | $l_1$ = 8" |
| **M** | $l_1$ = 4" |
| **N** | $l_1$ = 4.5" |
| **P** | $l_1$ = 5" |
| **R** | $l_1$ = 6" |
| **S** | $l_1$ = 7" |
| **T** | $l_1$ = 8" |

**SANDVIK estándar**

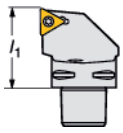
| | |
|---|---|
| **G** | $l_1$ = 5.5" |
| **U** | $l_1$ = 5.5" |
| **V** | $l_1$ = 3.5" |
| **K** | $l_1$ = 14" |

**10** Longitud de herramienta con mango, métrico

| | |
|---|---|
| A = 32 mm | N = 150 mm |
| B = 40 mm | P = 170 mm |
| C = 50 mm | Q = 180 mm |
| D = 60 mm | R = 200 mm |
| E = 70 mm | S = 250 mm |
| G = 80 mm | T = 300 mm |
| H = 100 mm | U = 350 mm |
| J = 110 mm | V = 400 mm |
| K = 125 mm | W = 400 mm |
| L = 140 mm | |
| M = 150 mm | X = Especial |

**10** Longitud de herramienta Coromant Capto® , métrico

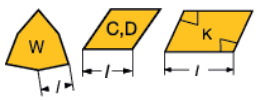
 

Dimensiones $f_1$ en mm (3 dígitos)

**11** Tamaño de plaquita

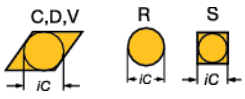
**Métrica** Longitud arista de corte

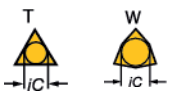
La longitud del filo se indica en mm.

Entero (sin redondear).

**Pulgadas** El círculo inscrito se indica en 1/8".

| | |
|---|---|
| 1.2 | = 5/32 |
| 1.5 | = 3/16 |
| 1.8 | = 7/32 |
| 2 | = 1/4 |
| 2.5 | = 5/8 |
| 3 | = 3/8 |
| 4 | = 1/2 |
| 5 | = 5/8 |
| 6 | = 3/4 |
| 8 | = 1 |
| 10 | = 1 1/4 |

**12** Opción del fabricante

Cuando se requiera un símbolo suplementario de un máximo de 3 letras, se debe añadir al código ISO, separado por un guión, p. ej. W para diseño de cuña.

**13** Sistema de sujeción para cerámica

-2 = Portaplaquitas CoroTurn® RC para plaquitas con agujero

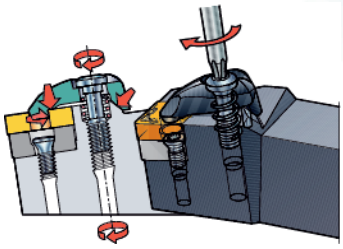
-4 = Portaplaquitas CoroTurn® RC para plaquitas sin agujero

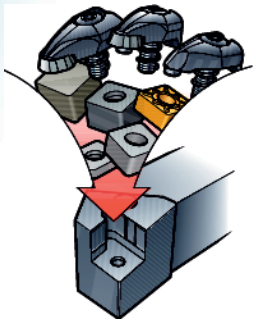
# Sujeción rígida CoroTurn® RC

## Herramientas exteriores para plaquitas T-Max P

**Primera elección para un torneado productivo, estable y seguro**

El sistema CoroTurn® RC está disponible en unidades de corte Coromant Capto® y en diseño convencional de mango para todas las formas y ángulos de plaquita





### Sistema de 1ª elección para torneado, que ofrece:

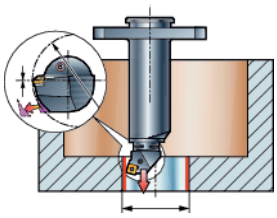
- Estabilidad única
- Funcionamiento excelente incluso en entornos con suciedad, por ejemplo mecanizado de fundición
- Manejo sencillo; una llave Torx Plus para el cambio de plaquita y placa de apoyo
- Acceso fácil incluso si el mango está colocado hacia abajo

### Un sistema flexible

El asiento de la punta de todos los mangos CoroTurn® RC ha sido diseñado para que permita una intercambiabilidad total al sustituir la sujeción y/o la placa de apoyo
CoroTurn® RC admite:

- Plaquitas de metal duro
- Plaquitas de cerámica con agujero
- Plaquitas de cerámica sin agujero
- Diferentes espesores de plaquita

Encontrará más información en la página A359.



### Unidades de corte Coromant Capto® para mecanizado interior

Todas las unidades de corte CoroTurn® RC tienen rebajes radiales y axiales para permitir mecanizado interior.

### Mecanizado Multi-tarea

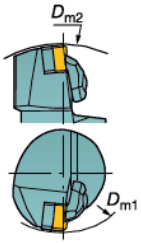
Coromant Capto® y CoroTurn® RC constituyen una solución productiva y segura para el mecanizado multi-tarea. CoroPlex™, una gama de herramientas especialmente desarrolladas para el mecanizado multi-tarea, está disponible ofreciendo una mayor accesibilidad y productividad.

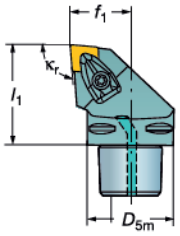
# Unidades de corte Coromant Capto®

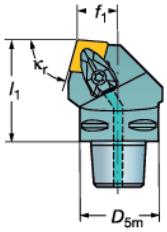
**Sujeción rígida CoroTurn® RC**

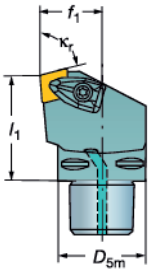
| | DCLNR/L | DCRNR/L | DCKNR/L |
|---|---|---|---|
| Ángulo de posición: | $\kappa_r$ 95° | $\kappa_r$ 75° | $\kappa_r$ 75° |
| Ángulo de ataque: | -5° | 15° | 15° |

CNMM, CNGP
CNMG
CNMA, CNGA



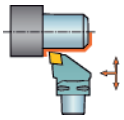
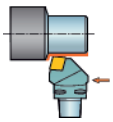
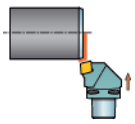




Entrada de refrigerante: axial a través del centro

A la derecha en la ilustración a menos que se indique lo contrario

| Aplicación principal | □ | iC | Código de pedido | Dimensiones, milímetros, pulgadas (mm, pulg.) $D_{5m}$ | $D_{m1}$ mín. mm[4] | $D_{m1}$ mín. pulg.[4] | $D_{m2}$ mín. pulg.[4] | $D_{m2}$ mín. pulg.[4] | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | $\gamma$[1] | $\lambda s$[2] | kg | Plaquitas calibradoras ISO | ANSI | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 09 | 3/8 | C3-DCLNR/L-22040-09 | 32 | 60 | 2.362 | 116 | 4.567 | 22.0 | .866 | 40.0 | 1.575 | -6° | -6° | 0.2 | CNMG 09 03 08 | CNMG 322 | 1.7 |
| | | | C4-DCLNR/L-27050-09 | 40 | 60 | 2.362 | 140 | 5.512 | 27.0 | 1.063 | 50.0 | 1.968 | -6° | -6° | 0.4 | CNMG 09 03 08 | CNMG 322 | 1.7 |
| | 12 | 1/2 | C3-DCLNR/L-22045-12 | 32 | 60 | 2.362 | 121 | 4.764 | 22.0 | .866 | 45.0 | 1.772 | -6° | -6° | 0.2 | CNMG 12 04 08 | CNMG 432 | 3.9 |
| | | | C4-DCLNR/L-27050-12 | 40 | 110 | 4.331 | 140 | 5.512 | 27.0 | 1.063 | 50.0 | 1.968 | -6° | -6° | 0.4 | CNMG 12 04 08 | CNMG 432 | 3.9 |
| | | | C5-DCLNR/L-35060-12 | 50 | 110 | 4.331 | 165 | 6.496 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -6° | 0.8 | CNMG 12 04 08 | CNMG 432 | 3.9 |
| | | | C6-DCLNR/L-45065-12 | 63 | 110 | 4.331 | 190 | 7.480 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | 1.4 | CNMG 12 04 08 | CNMG 432 | 3.9 |
| | | | C8-DCLNR/L-55080-12 | 80 | 110 | 4.331 | 250 | 9.842 | 55.0 | 2.165 | 80.0 | 3.150 | -6° | -6° | 2.6 | CNMG 12 04 08 | CNMG 432 | 3.9 |
| | 16 | 5/8 | C4-DCLNR/L-27055-16 | 40 | 125 | 4.921 | 145 | 5.709 | 27.0 | 1.063 | 55.0 | 2.165 | -6° | -6° | 0.5 | CNMG 16 06 12 | CNMG 543 | 6.4 |
| | | | C5-DCLNR/L-35060-16 | 50 | 125 | 4.921 | 165 | 6.496 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -6° | 0.8 | CNMG 16 06 12 | CNMG 543 | 6.4 |
| | | | C6-DCLNR/L-45065-16 | 63 | 125 | 4.921 | 190 | 7.480 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | 1.4 | CNMG 16 06 12 | CNMG 543 | 6.4 |
| | | | C8-DCLNR/L-55080-16 | 80 | 125 | 4.921 | 250 | 9.842 | 55.0 | 2.165 | 80.0 | 3.150 | -6° | -6° | 2.5 | CNMG 16 06 12 | CNMG 543 | 6.4 |
| | 19 | 3/4 | C5-DCLNR/L-35060-19 | 50 | 80 | 3.150 | 165 | 6.496 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -6° | 0.9 | CNMG 19 06 12 | CNMG 643 | 6.4 |
| | | | C6-DCLNR/L-45065-19 | 63 | 81 | 3.189 | 190 | 7.480 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | 1.4 | CNMG 19 06 12 | CNMG 643 | 6.4 |
| | | | C8-DCLNR/L-55080-19 | 80 | 100 | 3.937 | 250 | 9.842 | 55.0 | 2.165 | 80.0 | 3.150 | -6° | -6° | 2.6 | CNMG 19 06 12 | CNMG 643 | 6.4 |
| | 25 | 1 | C8-DCLNR/L-55080-25 | 80 | 150 | 5.906 | 250 | 9.842 | 55.0 | 2.165 | 80.0 | 3.150 | -6° | -6° | 2.7 | CNMG 25 09 24 | CNMG 866 | 9.5 |
|  | 12 | 1/2 | C4-DCRNR/L-22050-12 | 40 | | | 140 | 5.512 | 22.0 | .866 | 50.0 | 1.968 | -6° | -6° | 0.5 | CNMG 12 04 08 | CNMG 432 | 3.9 |
| | | | C5-DCRNR/L-27060-12 | 50 | | | 165 | 6.496 | 27.0 | 1.063 | 60.0 | 2.362 | -6° | -6° | 0.8 | CNMG 12 04 08 | CNMG 432 | 3.9 |
| | | | C6-DCRNR/L-35065-12 | 63 | | | 190 | 7.480 | 35.0 | 1.378 | 65.0 | 2.559 | -6° | -6° | 1.4 | CNMG 12 04 08 | CNMG 432 | 3.9 |
| | 16 | 5/8 | C5-DCRNR/L-27060-16 | 50 | | | 165 | 6.496 | 27.0 | 1.063 | 60.0 | 2.362 | -6° | -6° | 0.8 | CNMG 16 06 12 | CNMG 543 | 6.4 |
| | | | C6-DCRNR/L-35065-16 | 63 | | | 190 | 7.480 | 35.0 | 1.378 | 65.0 | 2.559 | -6° | -6° | 1.3 | CNMG 16 06 12 | CNMG 543 | 6.4 |
| | | | C8-DCRNR/L-55080-16 | 80 | | | 250 | 9.842 | 55.0 | 2.165 | 80.0 | 3.150 | -6° | -6° | 2.7 | CNMG 16 06 12 | CNMG 543 | 6.4 |
| | 19 | 3/4 | C5-DCRNR/L-27060-19 | 50 | | | 165 | 6.496 | 27.0 | 1.063 | 60.0 | 2.362 | -6° | -6° | 0.8 | CNMG 19 06 12 | CNMG 643 | 6.4 |
| | | | C6-DCRNR/L-35065-19 | 63 | | | 190 | 7.480 | 35.0 | 1.378 | 65.0 | 2.559 | -6° | -6° | 1.3 | CNMG 19 06 12 | CNMG 643 | 6.4 |
| | | | C8-DCRNR/L-55080-19 | 80 | | | 250 | 9.842 | 55.0 | 2.165 | 80.0 | 3.150 | -6° | -6° | 2.5 | CNMG 19 06 12 | CNMG 643 | 6.4 |
|  | 12 | 1/2 | C4-DCKNR/L-27050-12 | 40 | 110 | 4.331 | | | 27.0 | 1.063 | 50.0 | 1.968 | -6° | -6° | 0.5 | CNMG 12 04 08 | CNMG 432 | 3.9 |
| | | | C5-DCKNR/L-35060-12 | 50 | 110 | 4.331 | | | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -6° | 0.8 | CNMG 12 04 08 | CNMG 432 | 3.9 |
| | | | C6-DCKNR/L-45065-12 | 63 | 110 | 4.331 | | | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | 1.5 | CNMG 12 04 08 | CNMG 432 | 3.9 |
| | 16 | 5/8 | C4-DCKNR/L-27050-16 | 40 | 125 | 4.921 | | | 27.0 | 1.063 | 50.0 | 1.968 | -6° | -6° | 0.5 | CNMG 16 06 12 | CNMG 543 | 6.4 |
| | | | C5-DCKNR/L-35060-16 | 50 | 125 | 4.921 | | | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -6° | 0.9 | CNMG 16 06 12 | CNMG 543 | 6.4 |
| | | | C6-DCKNR/L-45065-16 | 63 | 125 | 4.921 | | | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | 1.5 | CNMG 16 06 12 | CNMG 543 | 6.4 |
| | 19 | 3/4 | C6-DCKNR/L-45065-19 | 63 | 81 | 3.189 | | | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | 1.5 | CNMG 19 06 12 | CNMG 643 | 6.4 |
| | | | C8-DCKNR/L-55080-19 | 80 | 100 | 3.937 | | | 55.0 | 2.165 | 80.0 | 3.150 | -6° | -6° | 2.9 | CNMG 19 06 12 | CNMG 643 | 6.4 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Válido en combinación con la unidad de sujeción R/LC2090

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita □ | iC | Tamaño Coromant Capto® | Tornillo de la placa de apoyo | Placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo | Llave (Torx Plus) |
|---|---|---|---|---|---|---|---|
| 09 | 3/8 | C3-C4 | 5513 020-04 | 5322 236-04 | 5680 051-03 (9IP) | 5412 028-011 | 5680 051-03 (9IP) |
| 12 | 1/2 | C3 | 5513 020-02 | 5322 236-03 | 5680 049-01 (15IP) | 5412 028-021[1] | 5680 049-01 (15IP) |
| 12 | 1/2 | C4-C8 | 5513 020-02 | 5322 234-01 | 5680 049-01 (15IP) | 5412 028-021[1] | 5680 049-01 (15IP) |
| 16 | 5/8 | C4-C8 | 5513 020-07 | 5322 234-03 | 5680 043-14 (20IP) | 5412 028-031[1] | 5680 043-14 (20IP) |
| 19 | 3/4 | C5-C8 | 5513 020-07 | 5322 236-01 | 5680 043-14 (20IP) | 5412 028-041 | 5680 043-14 (20IP) |
| 25 | 1 | C8 | 5513 020-08 | 5322 234-05 | 5680 043-15 (25IP) | 5412 028-051 | 5680 043-15 (25IP) |

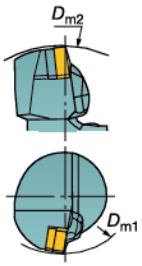
A9
A123
A353
G6
A2
J2

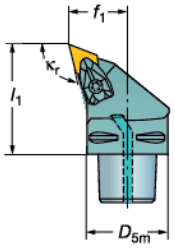
# Unidades de corte Coromant Capto®

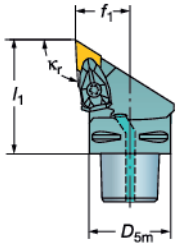
**Sujeción rígida CoroTurn® RC**

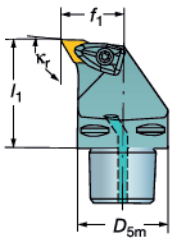
| | **DDHNR/L** | **DDJNR/L** | **DDUNR/L** | **DDNNN** |
|---|---|---|---|---|
| Ángulo de posición: | $\kappa_r$ 107.5° | $\kappa_r$ 93° | $\kappa_r$ 93° | $\kappa_r$ 62.5° |
| Ángulo de ataque: | -17.5° | -3° | -3° | 27.5° |

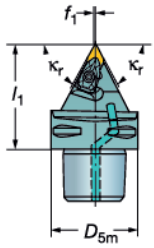
DNMM, DNGP, DNMX
DNMG
DNMA, DNGA



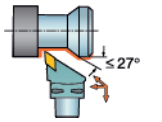
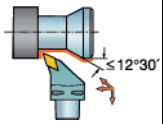
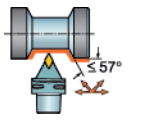
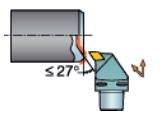




Entrada de refrigerante: axial a través del centro
A la derecha en la ilustración a menos que se indique lo contrario

Neutro

| Aplicación principal | | *iC* | **codigos de pedido**[5] | Dimensiones, milímetros, pulgadas (mm, pulg.) $D_{5m}$ | $D_{m1}$ mín. mm[4] | $D_{m1}$ mín. pulg.[4] | $D_{m2}$ mín. pulg.[4] | $D_{m2}$ mín. pulg.[4] | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | $\gamma$[1] | $\lambda s$[2] | kg | Plaquitas calibradoras ISO | ANSI | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 11 | 3/8 | **C3-DDJNR/L-22045-11** | 32 | 60 | 2.362 | 121 | 4.764 | 22.0 | .866 | 45.0 | 1.772 | -6° | -7° | 0.2 | DNMG 11 04 08 | DNMG 332 | 1.7 |
| | | | **C4-DDJNR/L-27050-11** | 40 | 60 | 2.362 | 140 | 5.512 | 27.0 | 1.063 | 50.0 | 1.968 | -6° | -7° | 0.4 | DNMG 11 04 08 | DNMG 332 | 1.7 |
| | | | **C5-DDJNR/L-35060-11** | 50 | 65 | 2.559 | 165 | 6.496 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -7° | 0.7 | DNMG 11 04 08 | DNMG 332 | 1.7 |
| | | | **C6-DDJNR/L-45065-11** | 63 | 81 | 3.189 | 190 | 7.480 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -7° | 1.2 | DNMG 11 04 08 | DNMG 332 | 1.7 |
| | 15 | 1/2 | **C4-DDJNR/L-27055-1504** | 40 | 110 | 4.331 | 145 | 5.709 | 27.0 | 1.063 | 55.0 | 2.165 | -6° | -7° | 0.5 | DNMG 15 04 08 | DNMG 432 | 3.9 |
| | | | **C5-DDJNR/L-35060-1504** | 50 | 110 | 4.331 | 165 | 6.496 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -7° | 0.8 | DNMG 15 04 08 | DNMG 432 | 3.9 |
| | | | **C6-DDJNR/L-45065-1504** | 63 | 110 | 4.331 | 190 | 7.480 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -7° | 1.2 | DNMG 15 04 08 | DNMG 432 | 3.9 |
| | | | **C8-DDJNR/L-55080-1504** | 80 | 110 | 4.331 | 250 | 9.842 | 55.0 | 2.165 | 80.0 | 3.150 | -6° | -7° | 2.3 | DNMG 15 04 08 | DNMG 432 | 3.9 |
| | | | **C4-DDJNR/L-27055-15** | 40 | 110 | 4.331 | 145 | 5.709 | 27.0 | 1.063 | 55.0 | 2.165 | -6° | -7° | 0.5 | DNMG 15 06 08 | DNMG 442 | 3.9 |
| | | | **C5-DDJNR/L-35060-15** | 50 | 110 | 4.331 | 165 | 6.496 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -7° | 0.8 | DNMG 15 06 08 | DNMG 442 | 3.9 |
| | | | **C6-DDJNR/L-45065-15** | 63 | 110 | 4.331 | 190 | 7.480 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -7° | 1.2 | DNMG 15 06 08 | DNMG 442 | 3.9 |
| | | | **C8-DDJNR/L-55080-15** | 80 | 110 | 4.331 | 250 | 9.842 | 55.0 | 2.165 | 80.0 | 3.150 | -6° | -7° | 2.3 | DNMG 15 06 08 | DNMG 442 | 3.9 |
|  | 15 | 1/2 | **C4-DDHNR/L-27055-1504** | 40 | 110 | 4.331 | 145 | 5.709 | 27.0 | 1.063 | 55.0 | 2.165 | -6° | -7° | 0.4 | DNMG 15 04 08 | DNMG 432 | 3.9 |
| | | | **C5-DDHNR/L-35060-1504** | 50 | 110 | 4.331 | 165 | 6.496 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -7° | 0.8 | DNMG 15 04 08 | DNMG 432 | 3.9 |
| | | | **C6-DDHNR/L-45065-1504** | 63 | 110 | 4.331 | 190 | 7.480 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -7° | 1.3 | DNMG 15 04 08 | DNMG 432 | 3.9 |
| | | | **C8-DDHNR/L-55080-1504** | 80 | 110 | 4.331 | 250 | 9.842 | 55.0 | 2.165 | 80.0 | 3.150 | -6° | -7° | 2.6 | DNMG 15 04 08 | DNMG 432 | 3.9 |
| | | | **C4-DDHNR/L-27055-15** | 40 | 110 | 4.331 | 145 | 5.709 | 27.0 | 1.063 | 55.0 | 2.165 | -6° | -7° | 0.4 | DNMG 15 06 08 | DNMG 442 | 3.9 |
| | | | **C5-DDHNR/L-35060-15** | 50 | 110 | 4.331 | 165 | 6.496 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -7° | 0.8 | DNMG 15 06 08 | DNMG 442 | 3.9 |
| | | | **C6-DDHNR/L-45065-15** | 63 | 110 | 4.331 | 190 | 7.480 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -7° | 1.3 | DNMG 15 06 08 | DNMG 442 | 3.9 |
| | | | **C8-DDHNR/L-55080-15** | 80 | 110 | 4.331 | 250 | 9.842 | 55.0 | 2.165 | 80.0 | 3.150 | -6° | -7° | 1.3 | DNMG 15 06 08 | DNMG 442 | 3.9 |
|  | 11 | 3/8 | **C4-DDNNN-00050-11** | 40 | | | 140 | 5.512 | 0.5 | .020 | 50.0 | 1.968 | -5° | -9° | 0.4 | DNMG 11 04 08 | DNMG 332 | 1.7 |
| | | | **C5-DDNNN-00060-11** | 50 | | | 165 | 6.496 | 0.5 | .020 | 60.0 | 2.362 | -5° | -9° | 0.6 | DNMG 11 04 08 | DNMG 332 | 1.7 |
| | 15 | 1/2 | **C4-DDNNN-00055-1504** | 40 | | | 145 | 5.709 | 0.5 | .020 | 55.0 | 2.165 | -5° | -9° | 0.4 | DNMG 15 04 08 | DNMG 432 | 3.9 |
| | | | **C5-DDNNN-00060-1504** | 50 | | | 165 | 6.496 | 0.5 | .020 | 60.0 | 2.362 | -5° | -9° | 0.6 | DNMG 15 04 08 | DNMG 432 | 3.9 |
| | | | **C6-DDNNN-00065-1504** | 63 | | | 190 | 7.480 | 0.5 | .020 | 65.0 | 2.559 | -5° | -9° | 1.1 | DNMG 15 04 08 | DNMG 432 | 3.9 |
| | | | **C8-DDNNN-00080-1504** | 80 | | | 250 | 9.842 | 0.5 | .020 | 80.0 | 3.150 | -5° | -9° | 2.1 | DNMG 15 04 08 | DNMG 432 | 3.9 |
| | | | **C4-DDNNN-00055-15** | 40 | | | 145 | 5.709 | 0.5 | .020 | 55.0 | 2.165 | -5° | -9° | 0.4 | DNMG 15 06 08 | DNMG 442 | 3.9 |
| | | | **C5-DDNNN-00060-15** | 50 | | | 165 | 6.496 | 0.5 | .020 | 60.0 | 2.362 | -5° | -9° | 0.6 | DNMG 15 06 08 | DNMG 442 | 3.9 |
| | | | **C6-DDNNN-00065-15** | 63 | | | 190 | 7.480 | 0.5 | .020 | 65.0 | 2.559 | -5° | -9° | 1.1 | DNMG 15 06 08 | DNMG 442 | 3.9 |
| | | | **C8-DDNNN-00080-15** | 80 | | | 250 | 9.842 | 0.5 | .020 | 80.0 | 3.150 | -5° | -9° | 2.1 | DNMG 15 06 08 | DNMG 442 | 3.9 |
|  | 15 | 1/2 | **C4-DDUNR/L-27050-1504** | 40 | 110 | 4.331 | 140 | 5.512 | 27.0 | 1.063 | 50.0 | 1.968 | -6° | -7° | 0.4 | DNMG 15 04 08 | DNMG 432 | 3.9 |
| | | | **C5-DDUNR/L-35060-1504** | 50 | 110 | 4.331 | 165 | 6.496 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -7° | 0.8 | DNMG 15 04 08 | DNMG 432 | 3.9 |
| | | | **C6-DDUNR/L-45065-1504** | 63 | 110 | 4.331 | 190 | 7.480 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -7° | 1.4 | DNMG 15 04 08 | DNMG 432 | 3.9 |
| | | | **C8-DDUNR/L-55080-1504** | 80 | 110 | 4.331 | 250 | 9.842 | 55.0 | 2.165 | 80.0 | 3.150 | -6° | -7° | 2.6 | DNMG 15 04 08 | DNMG 432 | 3.9 |
| | | | **C4-DDUNR/L-27050-15** | 40 | 110 | 4.331 | 140 | 5.512 | 27.0 | 1.063 | 50.0 | 1.968 | -6° | -7° | 0.4 | DNMG 15 06 08 | DNMG 442 | 3.9 |
| | | | **C5-DDUNR/L-35060-15** | 50 | 110 | 4.331 | 165 | 6.496 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -7° | 0.8 | DNMG 15 06 08 | DNMG 442 | 3.9 |
| | | | **C6-DDUNR/L-45065-15** | 63 | 110 | 4.331 | 190 | 7.480 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -7° | 1.4 | DNMG 15 06 08 | DNMG 442 | 3.9 |
| | | | **C8-DDUNR/L-55080-15** | 80 | 110 | 4.331 | 250 | 9.842 | 55.0 | 2.165 | 80.0 | 3.150 | -6° | -7° | 2.6 | DNMG 15 06 08 | DNMG 442 | 3.9 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Válido en combinación con la unidad de sujeción R/LC2090
5) -1504 al final del código de pedido = para plaquitas con espesor de 4.76 mm (1/4")

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita | | | | | | Juego de sujeción completo | |
|---|---|---|---|---|---|---|---|
| | *iC* | Tamaño Coromant Capto® | Tornillo de la placa de apoyo | Placa de apoyo | Llave (Torx Plus) | | Llave (Torx Plus) |
| 11 | 3/8 | C3-C6 | 5513 020-04 | 5322 267-01 | 5680 051-03 (9IP) | 5412 028-011 | 5680 051-03 (9IP) |
| 1506 (DNMG 44) | 1/2 | C4-C8 | 5513 020-02 | 5322 266-02 | 5680 049-01 (15IP) | 5412 028-021[1] | 5680 049-01 (15IP) |
| 1504 (DNMG 43) | 1/2 | | 5513 020-02 | 5322 266-01 | 5680 049-01 (15IP) | 5412 028-021[1] | |

1) Amarre opcional, para modificar los mangos CoroTurn® RC para otras plaquitas, véase la página A353

A9
A126
A353
G6
A2
J2



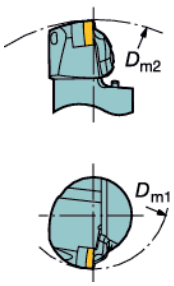
SANDVIK Coromant

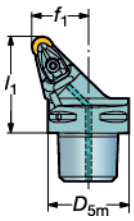
# Unidades de corte Coromant Capto®

**Sujeción rígida CoroTurn® RC**

Neg. **DRSNR/L**

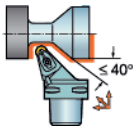
RNMG
RNGA




Entrada de refrigerante: axial a través del centro

A la derecha en la ilustración a menos que se indique lo contrario

| Aplicación principal | ⌶ | *iC* | Código de pedido | Dimensiones, milímetros, pulgadas (mm, pulg.) $D_{5m}$ | $D_{m1}$ mín. mm[4] | $D_{m1}$ mín. pulg.[4] | $D_{m2}$ mín. pulg.[4] | $D_{m2}$ mín. pulg.[4] | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | $\gamma$[1] | $\lambda_s$[2] | kg | Plaquitas calibradoras ISO | ANSI | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 12 | 1/2 | **C4-DRSNR/L-27050-12** | 40 | 110 | 4.331 | 140 | 5.512 | 27.0 | 1.063 | 50.0 | 1.968 | -6° | -6° | 0.4 | RNMG 12 04 00 | RNMG 43 | 3.9 |
| | | | **C5-DRSNR/L-35060-12** | 50 | 110 | 4.331 | 165 | 6.496 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -6° | 0.7 | RNMG 12 04 00 | RNMG 43 | 3.9 |
| | | | **C6-DRSNR/L-45065-12** | 63 | 110 | 4.331 | 190 | 7.480 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | 1.2 | RNMG 12 04 00 | RNMG 43 | 3.9 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Válido en combinación con la unidad de sujeción R/LC2090

R = A Derecha, L = A Izquierda

**Piezas de repuesto principales**

| Tamaño de plaquita ⌶ | *iC* | Tamaño Coromant Capto® | Tornillo de la placa de apoyo | Placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo | Llave (Torx Plus) |
|---|---|---|---|---|---|---|---|
| 12 | 1/2 | C4-C6 | 5513 020-02 | 5322 155-02 | 5680 049-01 (9IP) | 5412 028-021 | 5680 049-01 (15IP) |

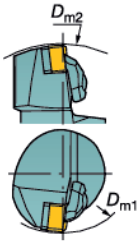
A9
A128
A353
G6
A2
J2

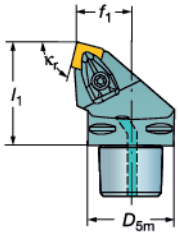
# Unidades de corte Coromant Capto®

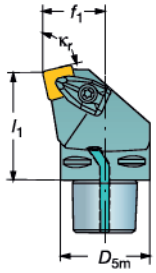
## Sujeción rígida CoroTurn® RC

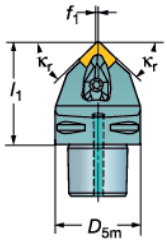
| | DSRNR/L | DSKNR/L | DSDNN | DSSNR/L |
|---|---|---|---|---|
| Ángulo de posición: | $\kappa_r$ 75° | $\kappa_r$ 75° | $\kappa_r$ 45° | $\kappa_r$ 45° |
| Ángulo de ataque: | 15° | 15° | 45° | 45° |

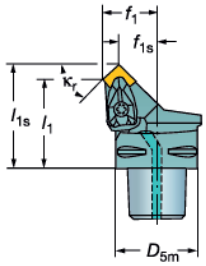
SNMM
SNMG
SNMA, SNGA



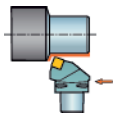
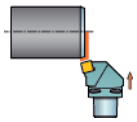
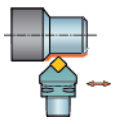
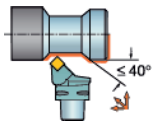




Entrada de refrigerante: axial a través del centro
A la derecha en la ilustración a menos que se indique lo contrario

Neutro

| Aplicación principal | □ | iC | Código de pedido | Dimensiones, mm, pulgadas $D_{5m}$ | $D_{m1}$ mín. mm[4] | $D_{m1}$ mín. pulg.[4] | $D_{m2}$ mín. pulg.[4] | $D_{m2}$ mín. pulg.[4] | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | $\gamma$[1] | $\lambda_s$[2] | Plaquitas calibradoras ISO | ANSI | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 12 | 1/2 | C3-DSRNR/L-19048-12 | 32 | | | 124 | 4.882 | 19.0 | .748 | 48.0 | 1.890 | -6° | -6° | SNMG 12 04 08 | SNMG 432 | 3.9 |
| | | | C4-DSRNR/L-22050-12 | 40 | | | 140 | 5.512 | 22.0 | .866 | 50.0 | 1.968 | -6° | -6° | SNMG 12 04 08 | SNMG 432 | 3.9 |
| | | | C5-DSRNR/L-27060-12 | 50 | | | 165 | 6.496 | 27.0 | 1.063 | 60.0 | 2.362 | -6° | -6° | SNMG 12 04 08 | SNMG 432 | 3.9 |
| | | | C6-DSRNR/L-35065-12 | 63 | | | 190 | 7.480 | 35.0 | 1.378 | 65.0 | 2.559 | -6° | -6° | SNMG 12 04 08 | SNMG 432 | 3.9 |
| | 15 | 5/8 | C5-DSRNR/L-27060-15 | 50 | | | 165 | 6.496 | 27.0 | 1.063 | 60.0 | 2.362 | -6° | -6° | SNMG 15 06 12 | SNMG 543 | 6.4 |
| | | | C6-DSRNR/L-35065-15 | 63 | | | 190 | 7.480 | 35.0 | 1.378 | 65.0 | 2.559 | -6° | -6° | SNMG 15 06 12 | SNMG 543 | 6.4 |
| | 19 | 3/4 | C5-DSRNR/L-27060-19 | 50 | | | 165 | 6.496 | 27.0 | 1.063 | 60.0 | 2.362 | -6° | -6° | SNMG 19 06 12 | SNMG 643 | 6.4 |
| | | | C6-DSRNR/L-35065-19 | 63 | | | 190 | 7.480 | 35.0 | 1.378 | 65.0 | 2.559 | -6° | -6° | SNMG 19 06 12 | SNMG 643 | 6.4 |
| | | | C8-DSRNR/L-45080-19 | 80 | | | 250 | 9.842 | 45.0 | 1.772 | 80.0 | 3.150 | -6° | -6° | SNMG 19 06 12 | SNMG 643 | 6.4 |
| | 25 | 1 | C8-DSRNR/L-45080-25 | 80 | | | 250 | 9.842 | 45.0 | 1.772 | 80.0 | 3.150 | -6° | -6° | SNMG 25 07 24 | SNMG 856 | 9.5 |
|  | 12 | 1/2 | C3-DSKNR/L-22040-12 | 32 | 60 | 2.362 | | | 22.0 | .866 | 40.0 | 1.575 | -6° | -6° | SNMG 12 04 08 | SNMG 432 | 3.9 |
| | | | C4-DSKNR/L-27050-12 | 40 | 110 | 4.331 | | | 27.0 | 1.063 | 50.0 | 1.968 | -6° | -6° | SNMG 12 04 08 | SNMG 432 | 3.9 |
| | | | C5-DSKNR/L-35060-12 | 50 | 110 | 4.331 | | | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -6° | SNMG 12 04 08 | SNMG 432 | 3.9 |
| | | | C6-DSKNR/L-45065-12 | 63 | 110 | 4.331 | | | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | SNMG 12 04 08 | SNMG 432 | 3.9 |
| | 15 | 5/8 | C5-DSKNR/L-35060-15 | 50 | 125 | 4.921 | | | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -6° | SNMG 15 06 12 | SNMG 543 | 6.4 |
| | | | C6-DSKNR/L-45065-15 | 63 | 125 | 4.921 | | | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | SNMG 15 06 12 | SNMG 543 | 6.4 |
| | 19 | 3/4 | C5-DSKNR/L-35060-19 | 50 | 125 | 4.921 | | | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -6° | SNMG 19 06 12 | SNMG 643 | 6.4 |
| | | | C6-DSKNR/L-45065-19 | 63 | 125 | 4.921 | | | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | SNMG 19 06 12 | SNMG 643 | 6.4 |
| | | | C8-DSKNR/L-55080-19 | 80 | 125 | 4.921 | | | 55.0 | 2.165 | 80.0 | 3.150 | -6° | -6° | SNMG 19 06 12 | SNMG 643 | 6.4 |
| | 25 | 1 | C8-DSKNR/L-55080-25 | 80 | 150 | 5.906 | | | 55.0 | 2.165 | 80.0 | 3.150 | -6° | -6° | SNMG 25 07 24 | SNMG 856 | 9.5 |
|  | 12 | 1/2 | C3-DSDNN-00048-12 | 32 | | | 124 | 4.882 | 0.3 | .012 | 48.0 | 1.890 | -6° | -6° | SNMG 12 04 08 | SNMG 432 | 3.9 |
| | | | C4-DSDNN-00050-12 | 40 | | | 140 | 5.512 | 0.3 | .012 | 50.0 | 1.968 | -6° | -6° | SNMG 12 04 08 | SNMG 432 | 3.9 |
| | | | C5-DSDNN-00060-12 | 50 | | | 165 | 6.496 | 0.3 | .012 | 60.0 | 2.362 | -6° | -6° | SNMG 12 04 08 | SNMG 432 | 3.9 |
| | | | C6-DSDNN-00065-12 | 63 | | | 190 | 7.480 | 0.3 | .012 | 65.0 | 2.559 | -6° | -6° | SNMG 12 04 08 | SNMG 432 | 3.9 |
| | 15 | 5/8 | C5-DSDNN-00060-15 | 50 | | | 165 | 6.496 | 0.5 | .020 | 60.0 | 2.362 | -6° | -6° | SNMG 15 06 12 | SNMG 543 | 6.4 |
| | | | C6-DSDNN-00065-15 | 63 | | | 190 | 7.480 | 0.5 | .020 | 65.0 | 2.559 | -6° | -6° | SNMG 15 06 12 | SNMG 543 | 6.4 |
| | 19 | 3/4 | C5-DSDNN-00065-19 | 50 | | | 170 | 6.693 | 0.5 | .020 | 65.0 | 2.559 | -6° | -6° | SNMG 19 06 12 | SNMG 643 | 6.4 |
| | | | C6-DSDNN-00070-19 | 63 | | | 195 | 7.677 | 0.5 | .020 | 70.0 | 2.756 | -6° | -6° | SNMG 19 06 12 | SNMG 643 | 6.4 |
| | 25 | 1 | C8-DSDNN-00080-25 | 80 | | | 250 | 9.842 | 1.0 | .039 | 80.0 | 3.150 | -6° | -6° | SNMG 25 07 24 | SNMG 856 | 9.5 |
|  | 12 | 1/2 | C3-DSSNR/L-22040-12 | 32 | 60 | 2.362 | 124 | 4.882 | 22.0 | .866 | 40.0 | 1.575 | -8° | 0° | SNMG 12 04 08 | SNMG 432 | 3.9 |
| | | | C4-DSSNR/L-27042-12 | 40 | 110 | 4.331 | 140 | 5.512 | 27.0 | 1.063 | 42.0 | 1.654 | -8° | 0° | SNMG 12 04 08 | SNMG 432 | 3.9 |
| | | | C5-DSSNR/L-35052-12 | 50 | 110 | 4.331 | 165 | 6.496 | 35.0 | 1.378 | 52.0 | 2.047 | -8° | 0° | SNMG 12 04 08 | SNMG 432 | 3.9 |
| | | | C6-DSSNR/L-45056-12 | 63 | 110 | 4.331 | 190 | 7.480 | 45.0 | 1.772 | 56.0 | 2.205 | -8° | 0° | SNMG 12 04 08 | SNMG 432 | 3.9 |
| | 15 | 5/8 | C4-DSSNR/L-27045-15 | 40 | 125 | 4.921 | 145 | 5.709 | 27.0 | 1.063 | 45.0 | 1.772 | -8° | 0° | SNMG 15 06 12 | SNMG 543 | 6.4 |
| | | | C5-DSSNR/L-35050-15 | 50 | 125 | 4.921 | 165 | 6.496 | 35.0 | 1.378 | 50.0 | 1.968 | -8° | 0° | SNMG 15 06 12 | SNMG 543 | 6.4 |
| | | | C6-DSSNR/L-45054-15 | 63 | 125 | 4.921 | 190 | 7.480 | 45.0 | 1.772 | 54.0 | 2.126 | -8° | 0° | SNMG 15 06 12 | SNMG 543 | 6.4 |
| | 19 | 3/4 | C5-DSSNR/L-35048-19 | 50 | 125 | 4.921 | 165 | 6.496 | 35.0 | 1.378 | 48.0 | 1.890 | -8° | 0° | SNMG 19 06 12 | SNMG 643 | 6.4 |
| | | | C6-DSSNR/L-45052-19 | 63 | 125 | 4.921 | 190 | 7.480 | 45.0 | 1.772 | 52.0 | 2.047 | -8° | 0° | SNMG 19 06 12 | SNMG 643 | 6.4 |
| | 25 | 1 | C8-DSSNR/L-55070-25 | 80 | 150 | 5.906 | 256 | 10.079 | 55.0 | 2.165 | 70.0 | 2.756 | -8° | 0° | SNMG 25 07 24 | SNMG 856 | 9.5 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Válido en combinación con la unidad de sujeción R/LC2090

R = A Derecha, L = A Izquierda
N = Neutro

## Piezas de repuesto principales

| Tamaño de plaquita □ | iC | Tamaño Coromant Capto® | Tornillo de la placa de apoyo | Placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo | Llave (Torx Plus) |
|---|---|---|---|---|---|---|---|
| 12 | 1/2 | C3 | 5513 020-02 | 5322 426-02 | 5680 049-01 (15IP) | 5412 028-021[1] | 5680 049-01 (15IP) |
| 12 | 1/2 | C4-C6 | 5513 020-02 | 5322 425-01 | 5680 049-01 (15IP) | 5412 028-021[1] | 5680 049-01 (15IP) |
| 15 | 5/8 | C5-C6 | 5513 020-07 | 5322 425-03 | 5680 043-14 (20IP) | 5412 028-031[1] | 5680 043-14 (20IP) |
| 19 | 3/4 | C5-C8 | 5513 020-07 | 5322 425-04 | 5680 043-14 (20IP) | 5412 028-041 | 5680 043-14 (20IP) |
| 25 | 1 | C8 | 5513 020-08 | 5322 425-07 | 5680 043-15 (25IP) | 5412 028-051 | 5680 043-15 (25IP) |

1) Amarre opcional, para modificar los mangos CoroTurn® RC para otras plaquitas, véase la página A353

A9
A129
A353
G6
A2
J2



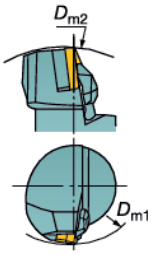
SANDVIK Coromant

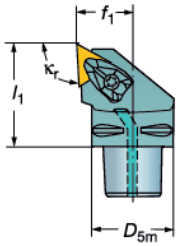
# Unidades de corte Coromant Capto®

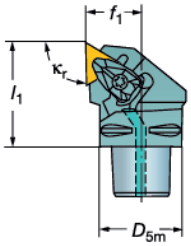
**Sujeción rígida CoroTurn® RC**

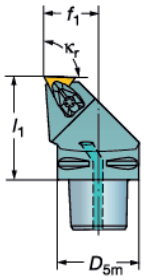
| | DTJNR/L | DTGNR/L | DTFNR/L | DTTNR/L |
|---|---|---|---|---|
| Ángulo de posición: | $\kappa_r$ 93° | $\kappa_r$ 91° | $\kappa_r$ 91° | $\kappa_r$ 60° |
| Ángulo de ataque: | -3° | -1° | -1° | 30° |

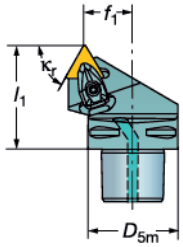
TNMM, TNMX
TNMG
TNMA, TNGA



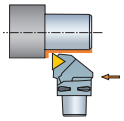
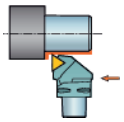
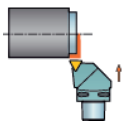
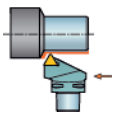




Entrada de refrigerante: axial a través del centro

A la derecha en la ilustración a menos que se indique lo contrario

| Aplicación principal | △ | iC | Código de pedido | Dimensiones, milímetros, pulgadas (mm, pulg.) $D_{5m}$ | $D_{m1}$ mín. mm[4] | $D_{m1}$ mín. pulg.[4] | $D_{m2}$ mín. pulg.[4] | $D_{m2}$ mín. pulg.[4] | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | $\gamma$[1] | $\lambda_s$[2] | kg | Plaquitas calibradoras ISO | ANSI | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 16 | 3/8 | **C3-DTJNR/L-22040-16** | 32 | 60 | 2.362 | 116 | 4.567 | 22.0 | .866 | 40.0 | 1.575 | -6° | -6° | 0.2 | TNMG 16 04 08 | TNMG 332 | 1.7 |
| | | | **C4-DTJNR/L-27050-16** | 40 | 110 | 4.331 | 140 | 5.512 | 27.0 | 1.063 | 50.0 | 1.968 | -6° | -6° | 0.4 | TNMG 16 04 08 | TNMG 332 | 1.7 |
| | | | **C5-DTJNR/L-35060-16** | 50 | 110 | 4.331 | 165 | 6.496 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -6° | 0.8 | TNMG 16 04 08 | TNMG 332 | 1.7 |
| | | | **C6-DTJNR/L-45065-16** | 63 | 110 | 4.331 | 190 | 7.480 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | 1.3 | TNMG 16 04 08 | TNMG 332 | 1.7 |
| | 22 | 1/2 | **C4-DTJNR/L-27050-22** | 40 | 110 | 4.331 | 140 | 5.512 | 27.0 | 1.063 | 50.0 | 1.968 | -6° | -6° | 0.4 | TNMG 22 04 08 | TNMG 432 | 3.9 |
| | | | **C5-DTJNR/L-35060-22** | 50 | 110 | 4.331 | 165 | 6.496 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -6° | 1.0 | TNMG 22 04 08 | TNMG 432 | 3.9 |
| | | | **C6-DTJNR/L-45065-22** | 63 | 110 | 4.331 | 190 | 7.480 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | 1.4 | TNMG 22 04 08 | TNMG 432 | 3.9 |
| | 27 | 5/8 | **C6-DTJNR/L-45065-27** | 63 | 110 | 4.331 | 190 | 7.480 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | 1.4 | TNMG 27 06 12 | TNMG 543 | 6.4 |
|  | 16 | 3/8 | **C4-DTGNR/L-27050-16** | 40 | 110 | 4.331 | 140 | 5.512 | 27.0 | 1.063 | 50.0 | 1.968 | -6° | -6° | 0.5 | TNMG 16 04 08 | TNMG 332 | 1.7 |
| | | | **C5-DTGNR/L-35060-16** | 50 | 110 | 4.331 | 165 | 6.496 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -6° | 0.8 | TNMG 16 04 08 | TNMG 332 | 1.7 |
| | | | **C6-DTGNR/L-45065-16** | 63 | 110 | 4.331 | 190 | 7.480 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | 1.4 | TNMG 16 04 08 | TNMG 332 | 1.7 |
| | 22 | 1/2 | **C4-DTGNR/L-27050-22** | 40 | 110 | 4.331 | 140 | 5.512 | 27.0 | 1.063 | 50.0 | 1.968 | -6° | -6° | 0.5 | TNMG 22 04 08 | TNMG 432 | 3.9 |
| | | | **C5-DTGNR/L-35060-22** | 50 | 110 | 4.331 | 165 | 6.496 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -6° | 0.9 | TNMG 22 04 08 | TNMG 432 | 3.9 |
| | | | **C6-DTGNR/L-45065-22** | 63 | 110 | 4.331 | 190 | 7.480 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | 1.5 | TNMG 22 04 08 | TNMG 432 | 3.9 |
|  | 16 | 3/8 | **C3-DTFNR/L-22040-16** | 32 | 60 | 2.362 | 116 | 4.567 | 22.0 | .866 | 40.0 | 1.575 | -6° | -6° | 0.2 | TNMG 16 04 08 | TNMG 332 | 1.7 |
| | | | **C4-DTFNR/L-27050-16** | 40 | 110 | 4.331 | 140 | 5.512 | 27.0 | 1.063 | 50.0 | 1.968 | -6° | -6° | 0.4 | TNMG 16 04 08 | TNMG 332 | 1.7 |
| | | | **C5-DTFNR/L-35060-16** | 50 | 110 | 4.331 | 165 | 6.496 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -6° | 0.8 | TNMG 16 04 08 | TNMG 332 | 1.7 |
| | | | **C6-DTFNR/L-45065-16** | 63 | 110 | 4.331 | 190 | 7.480 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | 1.4 | TNMG 16 04 08 | TNMG 332 | 1.7 |
| | 22 | 1/2 | **C4-DTFNR/L-27050-22** | 40 | 110 | 4.331 | 140 | 5.512 | 27.0 | 1.063 | 50.0 | 1.968 | -6° | -6° | 0.5 | TNMG 22 04 08 | TNMG 432 | 3.9 |
| | | | **C5-DTFNR/L-35060-22** | 50 | 110 | 4.331 | 165 | 6.496 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -6° | 0.8 | TNMG 22 04 08 | TNMG 432 | 3.9 |
| | | | **C6-DTFNR/L-45065-22** | 63 | 110 | 4.331 | 190 | 7.480 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | 1.4 | TNMG 22 04 08 | TNMG 432 | 3.9 |
|  | 16 | 3/8 | **C4-DTTNR/L-22050-16** | 40 | | | 140 | 5.512 | 22.0 | .866 | 50.0 | 1.968 | -6° | -6° | 0.4 | TNMG 16 04 08 | TNMG 332 | 1.7 |
| | | | **C5-DTTNR/L-27060-16** | 50 | | | 165 | 6.496 | 27.0 | 1.063 | 60.0 | 2.362 | -6° | -6° | 0.7 | TNMG 16 04 08 | TNMG 332 | 1.7 |
| | 22 | 1/2 | **C5-DTTNR/L-27060-22** | 50 | | | 165 | 6.496 | 27.0 | 1.063 | 60.0 | 2.362 | -6° | -6° | 0.7 | TNMG 22 04 08 | TNMG 432 | 3.9 |
| | | | **C6-DTTNR/L-35065-22** | 63 | | | 190 | 7.480 | 35.0 | 1.378 | 65.0 | 2.559 | -6° | -6° | 1.2 | TNMG 22 04 08 | TNMG 432 | 3.9 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Válido en combinación con la unidad de sujeción R/LC2090

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita △ | iC | Tamaño Coromant Capto® | Tornillo de la placa de apoyo | Placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo | Llave (Torx Plus) |
|---|---|---|---|---|---|---|---|
| 16 | 3/8 | C3 | 5513 020-04 | 5322 316-01 | 5680 051-03 (9IP) | 5412 028-011 | 5680 051-03 (9IP) |
| 16 | 3/8 | C4-C6 | 5513 020-04 | 5322 315-02 | 5680 051-03 (9IP) | 5412 028-011 | 5680 051-03 (9IP) |
| 22 | 1/2 | C4-C6 | 5513 020-02 | 5322 315-04 | 5680 049-01 (15IP) | 5412 028-021[1] | 5680 049-01 (15IP) |
| 27 | 5/8 | C6 | 5513 020-07 | 5322 315-05 | 5680 043-14 (20IP) | 5412 028-031[1] | 5680 043-14 (20IP) |

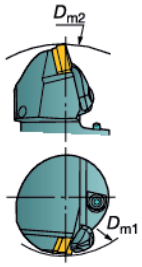
1) Amarre opcional, para modificar los mangos CoroTurn® RC para otras plaquitas, véase la página A353

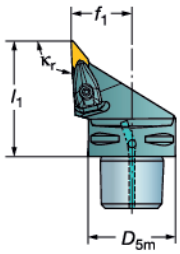
A9
A133
A353
G6
A2
J2

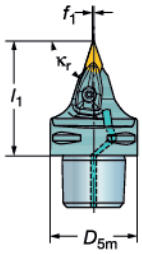
# Unidades de corte Coromant Capto®

## Sujeción rígida CoroTurn® RC

| | DVJNR/L | DVVNN |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 93° | $\kappa_r$ 72°30' |
| Ángulo de ataque: | -3° | 17.5° |



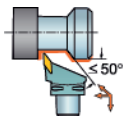
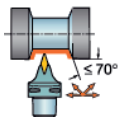




Neutro

Entrada de refrigerante: axial a través del centro

A la derecha en la ilustración a menos que se indique lo contrario

| Aplicación principal | | | | Dimensiones, milímetros, pulgadas (mm, pulg.) | | | | | | | | | | | | Plaquitas calibradoras | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $D_{m1}$ mín. | $D_{m1}$ mín. | $D_{m2}$ mín. | $D_{m2}$ mín. | $f_1$ | $f_1$ | $l_1$ | $l_1$ | | | | | | |
| | | *iC* | **Código de pedido** | $D_{5m}$ | mm[4] | pulg.[4] | pulg.[4] | pulg.[4] | mm | pulg. | mm | pulg. | $\gamma$[1] | $\lambda s$[2] | kg | ISO | ANSI | Nm[3] |
|  | 16 | 3/8 | **C4-DVJNR/L-27062-16** | 40 | 60 | 2.362 | 152 | 5.984 | 27.0 | 1.063 | 62.0 | 2.441 | -4° | -13° | 0.5 | VNMG 16 04 08 | VNMG 332 | 3.0 |
| | | | **C5-DVJNR/L-35065-16** | 50 | 65 | 2.559 | 170 | 6.693 | 35.0 | 1.378 | 65.0 | 2.559 | -4° | -13° | 0.8 | VNMG 16 04 08 | VNMG 332 | 3.0 |
| | | | **C6-DVJNR/L-45065-16** | 63 | 81 | 3.189 | 190 | 7.480 | 45.0 | 1.772 | 65.0 | 2.559 | -4° | -13° | 1.3 | VNMG 16 04 08 | VNMG 332 | 3.0 |
| | | | **C8-DVJNR/L-55080-16** | 80 | 100 | 3.937 | 250 | 9.842 | 55.0 | 2.165 | 80.0 | 3.150 | -4° | -13° | 2.2 | VNMG 16 04 08 | VNMG 332 | 3.0 |
|  | 16 | 3/8 | **C4-DVVNN-00062-16** | 40 | | | 152 | 5.984 | 0.6 | .024 | 62.0 | 2.441 | -4° | -13° | 0.4 | VNMG 16 04 08 | VNMG 332 | 3.0 |
| | | | **C5-DVVNN-00065-16** | 50 | | | 170 | 6.693 | 0.6 | .024 | 65.0 | 2.559 | -4° | -13° | 0.5 | VNMG 16 04 08 | VNMG 332 | 3.0 |
| | | | **C6-DVVNN-00065-16** | 63 | | | 190 | 7.480 | 0.6 | .024 | 65.0 | 2.559 | -4° | -13° | 1.0 | VNMG 16 04 08 | VNMG 332 | 3.0 |
| | | | **C8-DVVNN-00080-16** | 80 | | | 250 | 9.842 | 0.6 | .024 | 80.0 | 3.150 | -4° | -13° | 2.0 | VNMG 16 04 08 | VNMG 332 | 3.0 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Válido en combinación con la unidad de sujeción R/LC2090

R = A Derecha, L = A Izquierda
N = Neutro

### Piezas de repuesto principales

| Tamaño de plaquita | | | | | | | |
|---|---|---|---|---|---|---|---|
| | *iC* | Tamaño Coromant Capto® | Tornillo de la placa de apoyo | Placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo | Llave (Torx Plus) |
| 16 | 3/8 | C4-C8 | 5513 020-09 | 5322 269-01 | 5680 049-01 (15IP) | 5412 028-061 | 5680 049-01 (15IP) |

A9
A136
A353
G6
A2
J2



SANDVIK Coromant

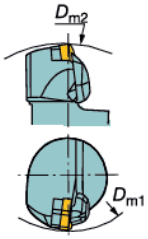
# Unidades de corte Coromant Capto®

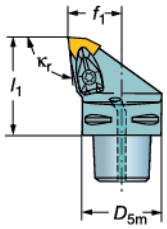
**Sujeción rígida CoroTurn® RC**

**DWLNR/L**

Ángulo de posición: $\kappa_r$ 95°
Ángulo de ataque: -5°

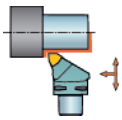
WNMM,
WNMG
WNGA, WNMA




Entrada de refrigerante: radial a través del cono

A la derecha en la ilustración a menos que se indique lo contrario

| Aplicación principal | | | | Dimensiones, milímetros, pulgadas (mm, pulg.) | | | | | | | | | | | | Plaquitas calibradoras | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $D_{m1}$ mín. | $D_{m1}$ mín. | $D_{m2}$ mín. | $D_{m2}$ mín. | $f_1$ | $f_1$ | $l_1$ | $l_1$ | | | | | | |
| | | *iC* | **Código de pedido** | $D_{5m}$ | mm[4] | pulg.[4] | pulg.[4] | pulg.[4] | mm | pulg. | mm | pulg. | $\gamma$[1] | $\lambda s$[2] | kg | ISO | ANSI | Nm[3] |
|  | 06 | 3/8 | **C3-DWLNR/L-22040-06** | 32 | 60 | 2.362 | 116 | 4.567 | 22.0 | .866 | 40.0 | 1.575 | -6° | -6° | 0.2 | WNMG 06 04 08 | WNMG 332 | 1.7 |
| | | | **C4-DWLNR/L-27050-06** | 40 | 60 | 2.362 | 140 | 5.512 | 27.0 | 1.063 | 50.0 | 1.968 | -6° | -6° | 0.4 | WNMG 06 04 08 | WNMG 332 | 1.7 |
| | | | **C5-DWLNR/L-35060-06** | 50 | 65 | 2.559 | 165 | 6.496 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -6° | 0.7 | WNMG 06 04 08 | WNMG 332 | 1.7 |
| | | | **C6-DWLNR/L-45065-06** | 63 | 81 | 3.189 | 190 | 7.480 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | 1.3 | WNMG 06 04 08 | WNMG 332 | 1.7 |
| | 08 | 1/2 | **C4-DWLNR/L-27050-08** | 40 | 110 | 4.331 | 140 | 5.512 | 27.0 | 1.063 | 50.0 | 1.968 | -6° | -6° | 0.4 | WNMG 08 04 08 | WNMG 432 | 3.9 |
| | | | **C5-DWLNR/L-35060-08** | 50 | 110 | 4.331 | 165 | 6.496 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -6° | 0.8 | WNMG 08 04 08 | WNMG 432 | 3.9 |
| | | | **C6-DWLNR/L-45065-08** | 63 | 110 | 4.331 | 190 | 7.480 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | 1.4 | WNMG 08 04 08 | WNMG 432 | 3.9 |
| | | | **C8-DWLNR/L-55080-08** | 80 | 110 | 4.331 | 250 | 9.842 | 55.0 | 2.165 | 80.0 | 3.150 | -6° | -6° | 2.6 | WNMG 08 04 08 | WNMG 432 | 3.9 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Válido en combinación con la unidad de sujeción R/LC2090

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita | | | | | | | |
|---|---|---|---|---|---|---|---|
| | *iC* | Tamaño Coromant Capto® | Tornillo de la placa de apoyo | Placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo | Llave (Torx Plus) |
| 06 | 3/8 | C3-C6 | 5513 020-04 | 5322 328-01 | 5680 051-03 (9IP) | 5412 028-011 | 5680 051-03 (9IP) |
| 08 | 1/2 | C4-C8 | 5513 020-02 | 5322 331-12 | 5680 049-01 (15IP) | 5412 028-021[1] | 5680 049-01 (15IP) |

1) Amarre opcional, para modificar los mangos CoroTurn® RC para otras plaquitas, véase la página A353

A9
A137
A353
G6
A2
J2

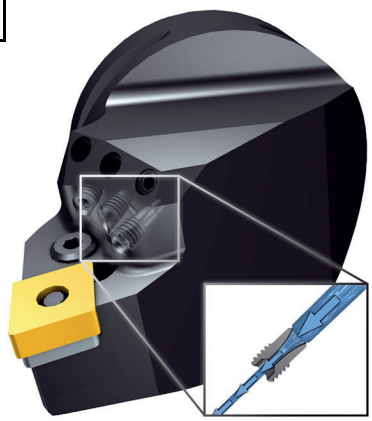
# CoroTurn® HP

## Herramientas Coromant Capto para alta presión de refrigerante

Mayor velocidad de corte en mecanizado medio y desbaste
Control de viruta en acabado - fabricación segura y sin supervisión

### Cuándo utilizarla

Cualquier torno que disponga de refrigeración por alta presión y acoplamiento Coromant Capto:
- Máquinas multi-tarea
- Tornos verticales (VTL)
- Centros de torneado



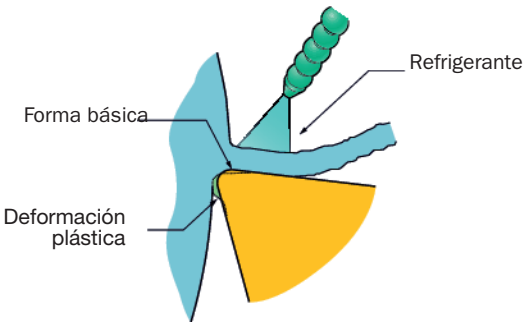
Los valores reducidos de profundidad de corte y de velocidad de avance que son propios de las operaciones de acabado suelen suponer un reto para el control de viruta. En fabricación automática, tanto en producción masiva de grandes series como en máquinas con cambio automático de herramienta (multi-tarea y tornos verticales), cualquier viruta que se quede cerca de la herramienta puede provocar costosas paradas de la máquina. Esta nueva tecnología ofrece un control total de la viruta e incrementa la seguridad en la fabricación sin supervisión.

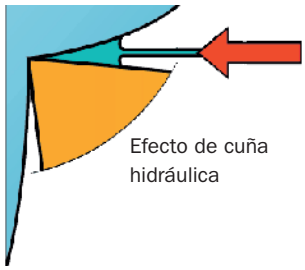
### Tecnología de boquilla fija para refrigerante

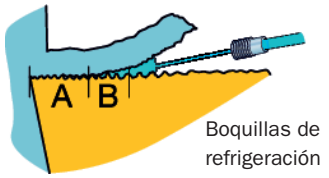
La aplicación de refrigerante a alta presión mediante CoroTurn HP se basa en una tecnología de boquillas desarrollada cuidadosamente tras décadas de experiencia. Estas boquillas optimizadas consiguen chorros laminares paralelos de refrigerante a gran velocidad y dirigidos con precisión hacia el punto correcto de la plaquita. La precisión y las características de estos chorros marcan la diferencia. CoroTurn HP dispone de boquillas fijas, predirigidas y de alta precisión montadas en la herramienta, que alcanzan el punto adecuado del filo con el ángulo correcto. No se requiere regulación ni pruebas, el rendimiento y la seguridad están incluidos con sólo el mantenimiento normal de la herramienta.

### Boquilla de refrigeración orientable para conseguir el máximo efecto

El principio fundamental del torneado con alta presión de refrigerante es la colocación precisa del chorro de refrigerante con boquillas dirigibles muy pequeñas (1 mm de diám.) para conseguir un flujo laminar paralelo. Este chorro de refrigerante a alta velocidad crea una cuña hidráulica entre la superficie superior de la plaquita y la parte inferior de la viruta que sale de la pieza. El chorro de refrigerante tiene tres efectos principales:
1. Localizar la refrigeración de la plaquita en la zona de contacto (A)
2. Alejar la viruta de la superficie de la plaquita con rapidez, reduciendo el desgaste de la plaquita (B)
3. Romper la viruta en trozos pequeños y evacuarlas del área de corte




**Herramientas CoroTurn HP con sujeción por tornillo, ver página A152.**
**Herramientas CoroTurn HP para máquinas multi-tarea, ver página H21.**
**CoroTurn HP con acoplamiento SL, ver página I12.**

# Unidades de corte CoroTurn® HP

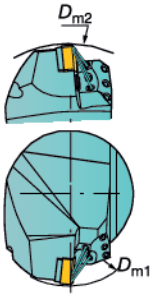
**Diseño de palanca T-Max P**

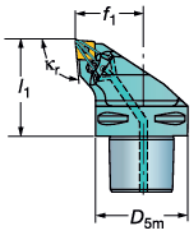
**Con refrigerante a alta presión**

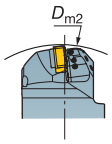
CNMM, CNGP
CNMG
CNMA, CNGA

**Cx-PCLNR/L-HP**

Ángulo de posición: $\kappa_r$ 95°
Angulo -5°

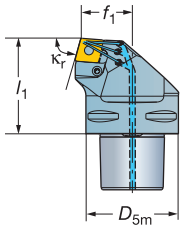


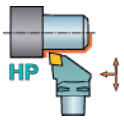
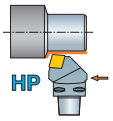

**Cx-PCRNR/L-HP**

$\kappa_r$ 75°
15°




Entrada de refrigerante: axial a través del centro

A derechas en la ilustración

| Aplicación principal | □ | iC | Código de pedido | Dimensiones, milímetros, pulgadas (mm, pulg.) $D_{5m}$ | $D_{m1}$ mín. mm[4] | $D_{m1}$ mín. pulg.[4] | $D_{m2}$ mín. pulg.[4] | $D_{m2}$ mín. pulg.[4] | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | γ[1] | λs[2] | kg | Plaquitas calibradoras ISO | ANSI | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 12 | 1/2 | **C4-PCLNR/L-27050-12HP** | 40 | 110 | 4.331 | 140 | 5.512 | 27.0 | 1.063 | 50.0 | 1.968 | -6° | -6° | 0.4 | CNMG 12 04 08 | CNMG 432 | 5.0 |
| | | | **C5-PCLNR/L-35060-12HP** | 50 | 110 | 4.331 | 165 | 6.496 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -6° | 0.8 | CNMG 12 04 08 | CNMG 432 | 5.0 |
| | | | **C6-PCLNR/L-45065-12HP** | 63 | 110 | 4.331 | 195 | 7.677 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | 1.2 | CNMG 12 04 08 | CNMG 432 | 5.0 |
| | | | **C8-PCLNR/L-55080-12HP** | 80 | 110 | 4.331 | 250 | 9.842 | 55.0 | 2.165 | 80.0 | 3.150 | -6° | -6° | 2.5 | CNMG 12 04 08 | CNMG 432 | 5.0 |
| | 16 | 5/8 | **C5-PCLNR/L-35060-16HP** | 50 | 125 | 4.921 | 165 | 6.496 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -6° | 0.8 | CNMG 16 06 12 | CNMG 543 | 5.0 |
| | | | **C6-PCLNR/L-45065-16HP** | 63 | 110 | 4.331 | 195 | 7.677 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | 1.2 | CNMG 16 06 12 | CNMG 543 | 5.0 |
| | | | **C8-PCLNR/L-55080-16HP** | 80 | 125 | 4.921 | 250 | 9.842 | 55.0 | 2.165 | 80.0 | 3.150 | -6° | -6° | 2.5 | CNMG 16 06 12 | CNMG 543 | 5.0 |
| | 19 | 3/4 | **C6-PCLNR/L-45065-19HP** | 63 | 110 | 4.331 | 195 | 7.677 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | 1.2 | CNMG 19 06 12 | CNMG 643 | 10.0 |
| | | | **C8-PCLNR/L-55080-19HP** | 80 | 150 | 5.906 | 250 | 9.842 | 55.0 | 2.165 | 80.0 | 3.150 | -6° | -6° | 2.5 | CNMG 19 06 12 | CNMG 643 | 10.0 |
|  | 16 | 5/8 | **C6-PCRNR/L-35065-16HP** | 63 | | | 190 | 7.480 | 35.0 | 1.378 | 65.0 | 2.559 | -6° | -6° | 1.4 | CNMG 16 06 12 | CNMG 543 | 5.0 |
| | 19 | 3/4 | **C6-PCRNR/L-35065-19HP** | 63 | | | 190 | 7.480 | 35.0 | 1.378 | 65.0 | 2.559 | -6° | -6° | 1.3 | CNMG 19 06 12 | CNMG 643 | 10.0 |

1) γ = Ángulo de desprendimiento (válido con plaquita lisa).
2) λ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Válido en combinación con la unidad de sujeción R/LC2090

N = Neutra, R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita □ | iC | Palanca | Tornillo | Llave (mm) | Placa de apoyo | Boquilla (diámetro del agujero) |
|---|---|---|---|---|---|---|
| 12 | 1/2 | 174.3-841M | 174.3-821 | 174.1-864 (3.0) | 171.31-850M | 5691 026-03 (1.0) |
| 16 | 5/8 | 438.3-840 | 438.3-831 | 174.1-864 (3.0) | 171.31-852 | 5691 026-03 (1.0) |
| 19 | 3/4 | 174.3-842M | 174.3-822M | 3021 010-040 (4.0) | 171.31-851M | 5691 026-03 (1.0) |

A9
A378
G6
A2
J2

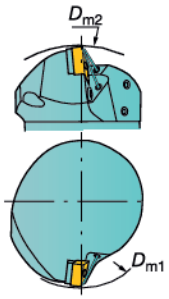
# Unidades de corte CoroTurn® HP

**Diseño de palanca T-Max P**

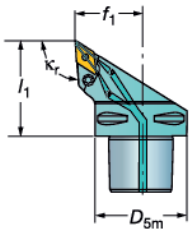
**Con refrigerante a alta presión**

DNMM, DNGP, DNMX
DNMG
DNMA, DNGA

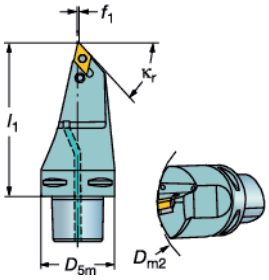
Ángulo de posición:
**Angulo**



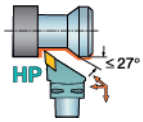

**Cx-PDJNR/L-15HP**
$\kappa_r$ 93°
-3°

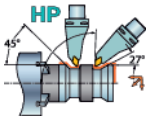



**Cx-PDMNR/L-15HP**
$\kappa_r$ 48° (93°)
42° (-3°)




Entrada de refrigerante: axial a través del centro
A derechas en la ilustración

| Aplicación principal | | *iC* | **codigos de pedido**[5] | Dimensiones, mm, pulgadas $D_{5m}$ | $D_{m1}$ mín[4] | $D_{m2}$ mín[4] | $f_1$ | $l_1$ | $\gamma$[1] | $\lambda s$[2] | kg | Plaquitas calibradoras ISO | ANSI | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 15 | 1/2 | **C5-PDJNR/L-35060-1504H** | 50 | 70 | 165 | 35 | 60 | -6° | -7° | 0.4 | DNMG 15 04 08 | DNMG 432 | 5.0 |
| | | | | *1.968* | *2.559* | *6.496* | *1.378* | *2.362* | | | | | | |
| | | | **C6-PDJNR/L-45065-1504H** | 63 | 95 | 195 | 45 | 65 | -6° | -7° | 1.2 | | | |
| | | | | *2.480* | *3.740* | *7.677* | *1.772* | *2.559* | | | | | | |
| | | | **C8-PDJNR/L-55080-1504H** | 80 | 130 | 250 | 55 | 80 | -6° | -7° | 4.3 | | | |
| | | | | *3.150* | *5.118* | *9.842* | *2.165* | *3.150* | | | | | | |
| | | | **C4-PDJNR/L-27055-15HP** | 40 | 65 | 145 | 27 | 55 | -6° | -7° | 0.4 | DNMG 15 06 08 | DNMG 442 | 5.0 |
| | | | | *1.575* | *2.559* | *5.709* | *1.063* | *2.165* | | | | | | |
| | | | **C5-PDJNR/L-35060-15HP** | 50 | 65 | 165 | 35 | 60 | -6° | -7° | 0.7 | | | |
| | | | | *1.968* | *2.559* | *6.496* | *1.378* | *2.362* | | | | | | |
| | | | **C6-PDJNR/L-45065-15HP** | 63 | 95 | 195 | 45 | 65 | -6° | -7° | 1.2 | | | |
| | | | | *2.480* | *3.740* | *7.677* | *1.772* | *2.559* | | | | | | |
| | | | **C8-PDJNR/L-55080-15HP** | 80 | 130 | 250 | 55 | 80 | -6° | -7° | 4.3 | | | |
| | | | | *3.150* | *5.118* | *9.842* | *2.165* | *3.150* | | | | | | |

| Aplicación principal | | *iC* | **Código de pedido** | Dimensions, mm, inch $D_{5m}$ | $f_1$ | $l_1$ | $\gamma$[1] | $\lambda s$[2] | kg | Gauge insert ISO | ANSI | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 15 | 1/2 | **C6-PDMNR/L-00130-15HP** | 63 | 0.6 | 130 | -5° | -15° | 1.96 | DNMG 15 06 08 | DNMG 442 | 5.0 |
| | | | | *2.480* | *.022* | *5.118* | *-5°* | *-15°* | | | | |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Válido en combinación con la unidad de sujeción R/LC2090
5) -1504 al final del código de pedido = para plaquitas con espesor de 4.76 mm (1/4")

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita | | Tamaño Coromant Capto® | Palanca | Tornillo | Llave (mm) | Placa de apoyo | Boquilla (diám. de agujero mm) |
|---|---|---|---|---|---|---|---|
| | *iC* | | | | | | |
| 15 06 | 1/2 (DNMG 44) | C4-C8 | 174.3-847M | 174.3-830 | 174.1-864 (3.0) | 171.35-851M | 5691 026-03 (1.0) |
| 15 04 | 1/2 (DNMG 43) | C5 | 174.3-847M | 174.3-830 | 174.1-864 (3.0) | 171.35-856 | 5691 026-03 (1.0) |
| 15 04 | 1/2 (DNMG 43) | C6-C8 | 174.3-847M | 174.3-830 | 174.1-864 (3.0) | 171.35-851M | 5691 026-03 (1.0) |

A9
A378
G6
A2
J2



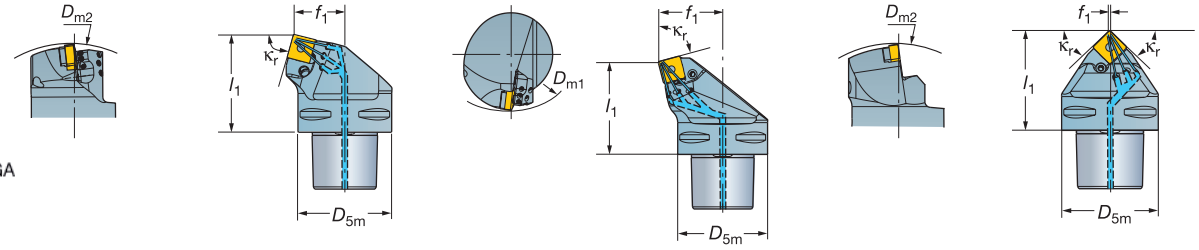
SANDVIK Coromant

# Unidades de corte CoroTurn® HP

**Diseño de palanca T-Max P**

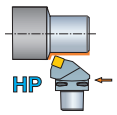
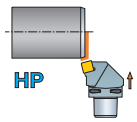
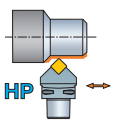
**Con refrigerante a alta presión**

| | Cx-PSRNR/L-HP | Cx-PSKNR/L-HP | Cx-PSDNN-HP |
|---|---|---|---|
| Ángulo de posición: | $\kappa_r$ 75° | $\kappa_r$ 75° | $\kappa_r$ 45° |
| Angulo | 15° | 15° | 45° |




Entrada de refrigerante: axial a través del centro

A derechas en la ilustración

| Aplicación principal | □ | iC | Código de pedido | Dimensiones, milímetros, pulgadas (mm, pulg.) $D_{5m}$ | $D_{m1}$ mín. mm[4] | $D_{m1}$ mín. pulg.[4] | $D_{m2}$ mín. pulg.[4] | $D_{m2}$ mín. pulg.[4] | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | $\gamma$[1] | $\lambda_S$[2] | kg | Plaquitas calibradoras ISO | ANSI | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 15 | 5/8 | **C6-PSRNR/L-35065-15HP** | 63 | | | 190 | 7.480 | 35.0 | 1.378 | 65.0 | 2.559 | -6° | -6° | 1.3 | SNMG 15 06 12 | SNMG 543 | 3.7 |
| | 19 | 3/4 | **C6-PSRNR/L-35065-19HP** | 63 | | | 190 | 7.480 | 35.0 | 1.378 | 65.0 | 2.559 | -6° | -6° | 1.3 | SNMG 19 06 12 | SNMG 643 | 8.8 |
| | | | **C8-PSRNR/L-45080-19HP** | 80 | | | 250 | 9.842 | 45.0 | 1.772 | 80.0 | 3.150 | -6° | -6° | 2.7 | SNMG 19 06 12 | SNMG 643 | 8.8 |
|  | 15 | 5/8 | **C6-PSKNR/L-45065-15HP** | 63 | 125 | 4.921 | | | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | 1.4 | SNMG 15 06 12 | SNMG 543 | 5.0 |
| | 19 | 3/4 | **C6-PSKNR/L-45065-19HP** | 63 | 125 | 4.921 | | | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | 1.5 | SNMG 19 06 12 | SNMG 643 | 10.0 |
| | | | **C8-PSKNR/L-55080-19HP** | 80 | 125 | 4.921 | | | 55.0 | 2.165 | 80.0 | 3.150 | -6° | -6° | 2.8 | SNMG 19 06 12 | SNMG 643 | 10.0 |
|  | 15 | 5/8 | **C6-PSDNN-00065-15HP** | 63 | | | 190 | 7.480 | 0.5 | .020 | 65.0 | 2.559 | -6° | -6° | 1.1 | SNMG 15 06 12 | SNMG 543 | 5.0 |
| | 19 | 3/4 | **C6-PSDNN-00065-19HP** | 63 | | | 190 | 7.480 | 0.5 | .020 | 65.0 | 2.559 | -6° | -6° | 1.2 | SNMG 19 06 12 | SNMG 643 | 10.0 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Válido en combinación con la unidad de sujeción R/LC2090

N = Neutra, R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita □ | iC | Palanca | Tornillo | Llave (mm) | Placa de apoyo | Boquilla (diámetro del agujero) |
|---|---|---|---|---|---|---|
| 15 | 5/8 | 438.3-840 | 438.3-831 | 174.1-864 (3.0) | 174.3-864 | 5691 026-03 (1.0) |
| 19 | 3/4 | 174.3-842M | 174.3-822M | 3021 010-040 (4.0) | 174.3-852M | 5691 026-03 (1.0) |

A9

A378

G6

A2

J2

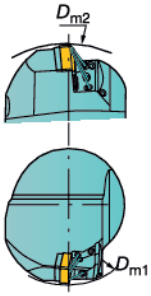
# Unidades de corte CoroTurn® HP

**Diseño de palanca T-Max P**

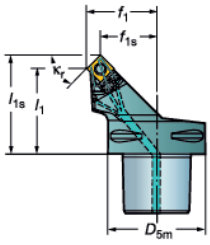
**Con refrigerante a alta presión**

SNMM
SNMG
SNMA, SNGA

Ángulo de posición:
Angulo

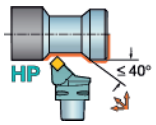



**Cx-PSSNR/L-HP**
$\kappa_r$ 45°
45°




Entrada de refrigerante: axial a través del centro

A derechas en la ilustración

| Aplicación principal | □ | iC | Código de pedido | Dimensions, mm, inch $D_{5m}$ | $D_{m1}$ mín4) | $D_{m2}$ mín4) | $f_1$ | $f_{1s}$ | $l_1$ | $l_{1s}$ | $\gamma$1) | $\lambda_{s2}$ 2) | kg | Gauge insert ISO | ANSI | Nm3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 12 | 1/2 | **C5-PSSNR/L-35052-12HP** | 50 | 110 | 165 | 35.0 | 26.9 | 52 | 60.3 | -8° | 0° | 0.70 | SNMG 12 04 08 | SNMG 432 | 5.0 |
| | | | | *1.968* | *4.331* | *6.496* | *1.378* | *1.059* | *2.047* | *2.374* | | | | | | |
| | | | **C6-PSSNR/L-45056-12HP** | 63 | 110 | 200 | 45.0 | 36.7 | 56 | 64.3 | -8° | 0° | 1.05 | SNMG 12 04 08 | SNMG 432 | 5.0 |
| | | | | *2.480* | *4.331* | *7.874* | *1.772* | *1.445* | *2.205* | *2.532* | | | | | | |
| | | | **C8-PSSNR/L-55080-12HP** | 80 | 200 | 260 | 55.0 | 46.7 | 80 | 88.3 | -8° | 0° | 2.40 | SNMG 12 04 08 | SNMG 432 | 5.0 |
| | | | | *3.150* | *7.874* | *10.236* | *2.165* | *1.839* | *3.150* | *3.476* | | | | | | |
| | 15 | 5/8 | **C5-PSSNR/L-35050-15HP** | 50 | 110 | 165 | 35.0 | 25.5 | 50 | 60.2 | -8° | 0° | 0.70 | SNMG 15 06 12 | SNMG 543 | 5.0 |
| | | | | *1.968* | *4.331* | *6.496* | *1.378* | *1.004* | *1.968* | *2.370* | | | | | | |
| | | | **C6-PSSNR/L-45054-15HP** | 63 | 110 | 200 | 45.0 | 34.8 | 54 | 64.2 | -8° | 0° | 1.10 | SNMG 15 06 12 | SNMG 543 | 5.0 |
| | | | | *2.480* | *4.331* | *7.874* | *1.772* | *1.370* | *2.126* | *2.528* | | | | | | |
| | 19 | 3/4 | **C6-PSSNR/L-45052-19HP** | 63 | 110 | 180 | 45.0 | 32.5 | 52 | 64.5 | -8° | 0° | 1.07 | SNMG 19 06 12 | SNMG 643 | 5.0 |
| | | | | *2.480* | *4.331* | *7.087* | *1.772* | *1.280* | *2.047* | *2.539* | | | | | | |
| | | | **C8-PSSNR/L-55080-19HP** | 80 | 200 | 260 | 55.0 | 42.5 | 80 | 92.5 | -8° | 0° | 2.55 | SNMG 19 06 12 | SNMG 643 | 5.0 |
| | | | | *3.150* | *7.874* | *10.236* | *2.165* | *1.673* | *3.150* | *3.642* | | | | | | |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Válido en combinación con la unidad de sujeción R/LC2090

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita □ | iC | Palanca | Tornillo | Llave (mm) | Placa de apoyo | Boquilla (diámetro del agujero) |
|---|---|---|---|---|---|---|
| 12 | 1/2 | 174.3-841M | 174.3-821 | 174.1-864 (3.0) | 174.3-851M | 5691 026-03 (1.0) |
| 15 | 5/8 | 438.3-840 | 438.3-831 | 174.1-864 (3.0) | 174.3-857 | 5691 026-03 (1.0) |
| 19 | 3/4 | 174.3-842M | 174.3-822M | 3021 010-040 (4.0) | 174.3-852M | 5691 026-03 (1.0) |

A9
A378
G6
A2
J2



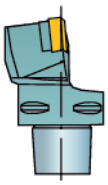
SANDVIK Coromant

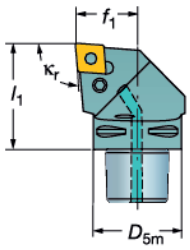
# Unidades de corte Coromant Capto®

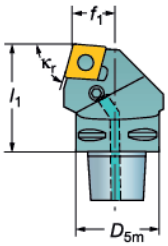
**Diseño de palanca T-Max P**

| | PCLNR/L | PCRNR/L |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 95° | $\kappa_r$ 75° |
| Ángulo de ataque: | -5° | 15° |

CNMM, CNGP
CNMG
CNMA, CNGA

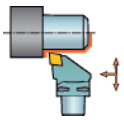
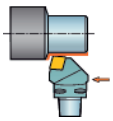





Entrada de refrigerante: radial a través del cono

A la derecha en la ilustración a menos que se indique lo contrario

| Aplicación principal | □ | *iC* | Código de pedido | Dimensiones, milímetros, pulgadas (mm, pulg.) $D_{5m}$ | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras ISO | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 12 | 1/2 | **C3-PCLNR/L-22040-12** | 32 | 22.0 | .866 | 40.0 | 1.575 | -6° | -6° | CNMG 12 04 08 | CNMG 432 |
| | | | **C4-PCLNR/L-27050-12** | 40 | 27.0 | 1.063 | 50.0 | 1.968 | -6° | -6° | CNMG 12 04 08 | CNMG 432 |
| | | | **C5-PCLNR/L-35060-12** | 50 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -6° | CNMG 12 04 08 | CNMG 432 |
| | | | **C6-PCLNR/L-45065-12** | 63 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | CNMG 12 04 08 | CNMG 432 |
| | | | **C8-PCLNR/L-55080-12** | 80 | 55.0 | 2.165 | 80.0 | 3.150 | -6° | -6° | CNMG 12 04 08 | CNMG 432 |
| | 16 | 5/8 | **C4-PCLNR/L-27050-16** | 40 | 27.0 | 1.063 | 50.0 | 1.968 | -6° | -6° | CNMG 16 06 12 | CNMG 543 |
| | | | **C5-PCLNR/L-35060-16** | 50 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -6° | CNMG 16 06 12 | CNMG 543 |
| | | | **C6-PCLNR/L-45065-16** | 63 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | CNMG 16 06 12 | CNMG 543 |
| | | | **C8-PCLNR/L-55080-16** | 80 | 55.0 | 2.165 | 80.0 | 3.150 | -6° | -6° | CNMG 16 06 12 | CNMG 543 |
| | 19 | 3/4 | **C5-PCLNR/L-35060-19** | 50 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -6° | CNMG 19 06 12 | CNMG 643 |
| | | | **C6-PCLNR/L-45065-19** | 63 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | CNMG 19 06 12 | CNMG 643 |
| | | | **C8-PCLNR/L-55080-19** | 80 | 55.0 | 2.165 | 80.0 | 3.150 | -6° | -6° | CNMG 19 06 12 | CNMG 643 |
| | 25 | 1 | **C8-PCLNR/L-55080-25** | 80 | 55.0 | 2.165 | 80.0 | 3.150 | -6° | -6° | CNMG 25 09 24 | CNMG 866 |
|  | 12 | 1/2 | **C5-PCRNR/L-27060-12** | 50 | 27.0 | 1.063 | 60.0 | 2.362 | -6° | -6° | CNMG 12 04 08 | CNMG 432 |
| | | | **C6-PCRNR/L-35065-12** | 63 | 35.0 | 1.378 | 65.0 | 2.559 | -6° | -6° | CNMG 12 04 08 | CNMG 432 |
| | 16 | 5/8 | **C5-PCRNR/L-27060-16** | 50 | 27.0 | 1.063 | 60.0 | 2.362 | -6° | -6° | CNMG 16 06 12 | CNMG 543 |
| | | | **C6-PCRNR/L-35065-16** | 63 | 35.0 | 1.378 | 65.0 | 2.559 | -6° | -6° | CNMG 16 06 12 | CNMG 543 |
| | 19 | 3/4 | **C5-PCRNR/L-27060-19** | 50 | 27.0 | 1.063 | 60.0 | 2.362 | -6° | -6° | CNMG 19 06 12 | CNMG 643 |
| | | | **C6-PCRNR/L-35065-19** | 63 | 35.0 | 1.378 | 65.0 | 2.559 | -6° | -6° | CNMG 19 06 12 | CNMG 643 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita □ | *iC* | Palanca | Tornillo | Llave (mm) | Placa de apoyo |
|---|---|---|---|---|---|
| 12 | 1/2 | 174.3-841M | 174.3-821 | 174.1-864 (3.0) | 171.31-850M |
| 16 | 5/8 | 438.3-840 | 438.3-831 | 174.1-864 (3.0) | 171.31-852 |
| 19 | 3/4 | 174.3-842M | 174.3-822M | 3021 010-040 (4.0) | 171.31-851M |
| 28 | 1 | 174.3-844M | 174.3-827 | 3021 010-050 (5.0) | 5322 230-01 |

A9
A138
A360
G6
A2
J2

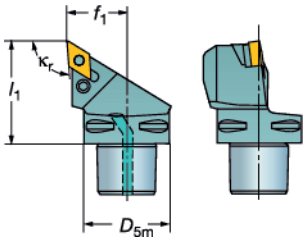
# Unidades de corte Coromant Capto®

## Diseño de palanca T-Max P

**PDJNR/L**

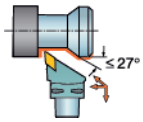
Ángulo de posición: $\kappa_r$ 93°
Ángulo de ataque: -3°

DNMM, DNGP, DNMX
DNMG
DNMA, DNGA




Entrada de refrigerante: radial a través del cono

A la derecha en la ilustración a menos que se indique lo contrario

| Aplicación principal | | *iC* | **Código de pedido** | Dimensiones, milímetros, pulgadas (mm, pulg.) $D_{5m}$ | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | $\gamma$1) | $\lambda_s$2) | kg | Plaquitas calibradoras ISO | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 11 | 3/8 | **C3-PDJNR/L-22045-11** | 32 | 22.0 | .866 | 45.0 | 1.772 | -6° | -7° | 0.2 | DNMG 11 04 08 | DNMG 332 |
| | | | **C4-PDJNR/L-27050-11** | 40 | 27.0 | 1.063 | 50.0 | 1.968 | -6° | -7° | 0.3 | DNMG 11 04 08 | DNMG 332 |
| | | | **C5-PDJNR/L-35060-11** | 50 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -7° | 0.6 | DNMG 11 04 08 | DNMG 332 |
| | | | **C6-PDJNR/L-45065-11** | 63 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -7° | 1.1 | DNMG 11 04 08 | DNMG 332 |
| | 15 | 1/2 | **C4-PDJNR/L-27055-15** | 40 | 27.0 | 1.063 | 55.0 | 2.165 | -6° | -7° | 0.4 | DNMG 15 06 08 | DNMG 442 |
| | | | **C5-PDJNR/L-35060-15** | 50 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -7° | 0.6 | DNMG 15 06 08 | DNMG 442 |



1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita | | | | | |
|---|---|---|---|---|---|
| | *iC* | Palanca | Tornillo | Llave (mm) | Placa de apoyo |
| 11 | 3/8 | 5432 001-01 | 174.3-820M | 174.1-863 (2.5) | 5322 255-01 |
| 15 | 1/2 | 174.3-847M | 174.3-830 | 174.1-864 (3.0) | 171.35-851M |



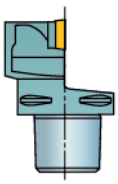
SANDVIK Coromant

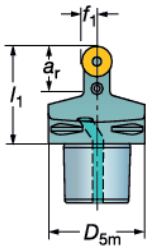
# Unidades de corte Coromant Capto®

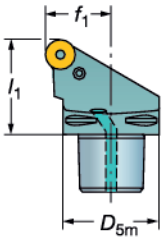
## Diseño de palanca T-Max P

**PRDCN** **PRSCR/L**

RCMX
RCMT
RCGX AL



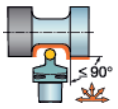
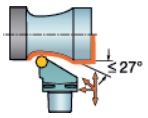



Neutro

Entrada de refrigerante: radial a través del cono

A la derecha en la ilustración a menos que se indique lo contrario

| Aplicación principal | ○ | *iC* | Código de pedido | Dimensiones, mm, pulgadas $D_{5m}$ | $a_r$ | $f_1$ | $l_1$ | $\gamma^{1)}$ | $\lambda_s{}^{2)}$ | Plaquitas calibradoras ISO | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 25 | .984 | **C6-PRDCN-00065-25A** | 63 | 40 | 12.5 | 65.0 | 0° | 0° | RCMX 25 07 00 | RCMX 25 07 00 |
| | | | | *2.4803* | *1.575* | *.492* | *2.559* | | | | |
| | | | **C8-PRDCN-00080-25A** | 80 | 40 | 12.5 | 80.0 | 0° | 0° | RCMX 25 07 00 | RCMX 25 07 00 |
| | | | | *3.1496* | *1.575* | *.492* | *3.150* | | | | |
| | 32 | 1.260 | **C8-PRDCN-00080-32A** | 80 | 45 | 16.0 | 80.0 | 0° | 0° | RCMX 32 09 00 | RCMX 32 09 00 |
| | | | | *3.1496* | *1.772* | *.630* | *3.150* | | | | |
|  | 20 | .787 | **C8-PRSCR/L-55080-20** | 80 | | 55.0 | 80.0 | 0° | 0° | RCMX 20 06 00 | RCMX 20 06 00 |
| | | | | *3.1496* | | *2.165* | *3.150* | | | | |
| | 25 | .984 | **C6-PRSCR/L-45065-25** | 63 | | 45.0 | 65.0 | 0° | 0° | RCMX 25 07 00 | RCMX 25 07 00 |
| | | | | *2.4803* | | *1.772* | *2.559* | | | | |
| | | | **C8-PRSCR/L-55080-25** | 80 | | 55.0 | 80.0 | 0° | 0° | RCMX 25 07 00 | RCMX 25 07 00 |
| | | | | *3.1496* | | *2.165* | *3.150* | | | | |
| | 32 | 1.260 | **C8-PRSCR/L-55080-32** | 80 | | 55.0 | 80.0 | 0° | 0° | RCMX 32 09 00 | RCMX 32 09 00 |
| | | | | *3.1496* | | *2.165* | *3.150* | | | | |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda
N = Neutro

### Piezas de repuesto principales

| Tamaño de plaquita ○ | *iC* | Palanca | Tornillo | Llave (mm) | Placa de apoyo |
|---|---|---|---|---|---|
| 20 | .787 | 176.39-843 | 174.3-825 | 174.1-864 (3.0) | 176.39-853 |
| 25 | .984 | 176.39-844 | 174.3-832 | 3021 010-040 (4.0) | 176.39-854 |
| 32 | 1.260 | 176.39-845 | 174.3-827 | 3021 010-050 (5.0) | 176.39-855 |

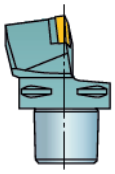
A9 A140 A360 G6 A2 J2

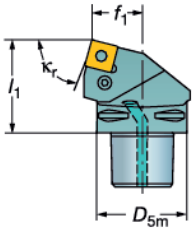
# Unidades de corte Coromant Capto®

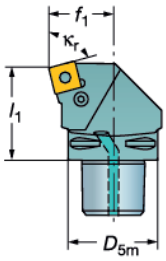
## Diseño de palanca T-Max P

| | PSRNR/L | PSKNR/L |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 75° | $\kappa_r$ 75° |
| Ángulo de ataque: | 15° | 15° |

SNMM
SNMG
SNMA, SNGA

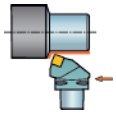
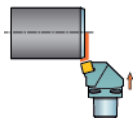





Entrada de refrigerante: radial a través del cono

A la derecha en la ilustración a menos que se indique lo contrario

| Aplicación principal | ↔□ | iC | Código de pedido | Dimensiones, mm, pulgadas $D_{5m}$ | $f_1$ | $l_1$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras ISO | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|
|  | 12 | 1/2 | C4-PSRNR/L-22050-12 | 40.0 | 22.0 | 50.0 | -6° | -6° | SNMG 12 04 08 | SNMG 432 |
| | | | | *1.575* | *.866* | *1.968* | | | | |
| | | | C5-PSRNR/L-27060-12 | 50.0 | 27.0 | 60.0 | -6° | -6° | SNMG 12 04 08 | SNMG 432 |
| | | | | *1.968* | *1.063* | *2.362* | | | | |
| | | | C6-PSRNR/L-35065-12 | 63.0 | 35.0 | 65.0 | -6° | -6° | SNMG 12 04 08 | SNMG 432 |
| | | | | *2.480* | *1.378* | *2.559* | | | | |
| | 15 | 5/8 | C4-PSRNR/L-22050-15 | 40.0 | 22.0 | 50.0 | -6° | -6° | SNMG 15 06 12 | SNMG 543 |
| | | | | *1.575* | *.866* | *1.968* | | | | |
| | | | C5-PSRNR/L-27060-15 | 50.0 | 27.0 | 60.0 | -6° | -6° | SNMG 15 06 12 | SNMG 543 |
| | | | | *1.968* | *1.063* | *2.362* | | | | |
| | | | C6-PSRNR/L-35065-15 | 63.0 | 35.0 | 65.0 | -6° | -6° | SNMG 15 06 12 | SNMG 543 |
| | | | | *2.480* | *1.378* | *2.559* | | | | |
| | 19 | 3/4 | C5-PSRNR/L-27060-19 | 50.0 | 27.0 | 60.0 | -6° | -6° | SNMG 19 06 12 | SNMG 643 |
| | | | | *1.968* | *1.063* | *2.362* | | | | |
| | | | C6-PSRNR/L-35065-19 | 63.0 | 35.0 | 65.0 | -6° | -6° | SNMG 19 06 12 | SNMG 643 |
| | | | | *2.480* | *1.378* | *2.559* | | | | |
| | | | C8-PSRNR/L-45080-19 | 80.0 | 45.0 | 80.0 | -6° | -6° | SNMG 19 06 12 | SNMG 643 |
| | | | | *3.150* | *1.772* | *3.150* | | | | |
| | 25 | 1 | C8-PSRNR/L-45080-25 | 80.0 | 45.0 | 80.0 | -6° | -6° | SNMG 25 07 24 | SNMG 856 |
| | | | | *3.150* | *1.772* | *3.150* | | | | |
|  | 12 | 1/2 | C4-PSKNR/L-27050-12 | 40.0 | 27.0 | 50.0 | -6° | -6° | SNMG 12 04 08 | SNMG 432 |
| | | | | *1.575* | *1.063* | *1.968* | | | | |
| | | | C5-PSKNR/L-35060-12 | 50.0 | 35.0 | 60.0 | -6° | -6° | SNMG 12 04 08 | SNMG 432 |
| | | | | *1.968* | *1.378* | *2.362* | | | | |
| | | | C6-PSKNR/L-45065-12 | 63.0 | 45.0 | 65.0 | -6° | -6° | SNMG 12 04 08 | SNMG 432 |
| | | | | *2.480* | *1.772* | *2.559* | | | | |
| | 15 | 5/8 | C4-PSKNR/L-27050-15 | 40.0 | 27.0 | 50.0 | -6° | -6° | SNMG 15 06 12 | SNMG 543 |
| | | | | *1.575* | *1.063* | *1.968* | | | | |
| | | | C5-PSKNR/L-35060-15 | 50.0 | 35.0 | 60.0 | -6° | -6° | SNMG 15 06 12 | SNMG 543 |
| | | | | *1.968* | *1.378* | *2.362* | | | | |
| | | | C6-PSKNR/L-45065-15 | 63.0 | 45.0 | 65.0 | -6° | -6° | SNMG 15 06 12 | SNMG 543 |
| | | | | *2.480* | *1.772* | *2.559* | | | | |
| | 19 | 3/4 | C5-PSKNR/L-35060-19 | 50.0 | 35.0 | 60.0 | -6° | -6° | SNMG 19 06 12 | SNMG 643 |
| | | | | *1.968* | *1.378* | *2.362* | | | | |
| | | | C6-PSKNR/L-45065-19 | 63.0 | 45.0 | 65.0 | -6° | -6° | SNMG 19 06 12 | SNMG 643 |
| | | | | *2.480* | *1.772* | *2.559* | | | | |
| | | | C8-PSKNR/L-55080-19 | 80.0 | 55.0 | 80.0 | -6° | -6° | SNMG 19 06 12 | SNMG 643 |
| | | | | *3.150* | *2.165* | *3.150* | | | | |
| | 25 | 1 | C8-PSKNR/L-55080-25 | 80.0 | 55.0 | 80.0 | -6° | -6° | SNMG 25 07 24 | SNMG 856 |
| | | | | *3.150* | *2.165* | *3.150* | | | | |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda
N = Neutro

## Piezas de repuesto principales

| Tamaño de plaquita ↔□ | iC | Palanca | Tornillo | Llave (mm) | Placa de apoyo |
|---|---|---|---|---|---|
| 12 | 1/2 | 174.3-841M | 174.3-821 | 174.1-864 (3.0) | 174.3-851M |
| 15 | 5/8 | 438.3-840 | 438.3-831 | 174.1-864 (3.0) | 174.3-857 |
| 19 | 3/4 | 174.3-842M | 174.3-822M | 3021 010-040 (4.0) | 174.3-852M |
| 25 | 1 | 174.3-844M | 174.3-827 | 3021 010-050 (5.0) | 174.3-853M |

A9
A141
A360
G6
A2
J2



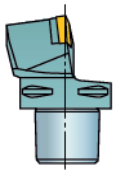
SANDVIK Coromant

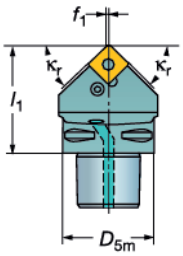
# Unidades de corte Coromant Capto®

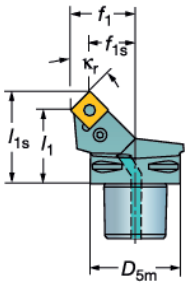
## Diseño de palanca T-Max P

| | PSDNN | PSSNR/L |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 45° | $\kappa_r$ 45° |
| Ángulo de ataque: | 45° | 45° |

SNMM
SNMG
SNMA, SNGA



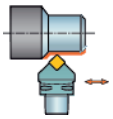
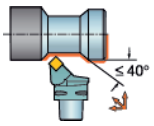



Neutro

Entrada de refrigerante: radial a través del cono

A la derecha en la ilustración a menos que se indique lo contrario

| Aplicación principal | □ | iC | Código de pedido | Dimensiones, mm, pulgadas $D_{5m}$ | $f_1$ | $f_{1s}$ | $l_1$ | $l_{1s}$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras ISO | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 12 | 1/2 | C4-PSDNN-00050-12 | 40.0 | 0.3 | | 50.0 | | -6° | -6° | SNMG 12 04 08 | SNMG 432 |
| | | | | *1.575* | *.012* | | *1.968* | | | | | |
| | | | C5-PSDNN-00060-12 | 50.0 | 0.3 | | 60.0 | | -6° | -6° | SNMG 12 04 08 | SNMG 432 |
| | | | | *1.968* | *.012* | | *2.362* | | | | | |
| | | | C6-PSDNN-00065-12 | 63.0 | 0.3 | | 65.0 | | -6° | -6° | SNMG 12 04 08 | SNMG 432 |
| | | | | *2.480* | *.012* | | *2.559* | | | | | |
| | 15 | 5/8 | C4-PSDNN-00050-15 | 40.0 | 0.5 | | 50.0 | | -6° | -6° | SNMG 15 06 12 | SNMG 543 |
| | | | | *1.575* | *.020* | | *1.968* | | | | | |
| | | | C5-PSDNN-00060-15 | 50.0 | 0.5 | | 60.0 | | -6° | -6° | SNMG 15 06 12 | SNMG 543 |
| | | | | *1.968* | *.020* | | *2.362* | | | | | |
| | | | C6-PSDNN-00065-15 | 63.0 | 0.5 | | 65.0 | | -6° | -6° | SNMG 15 06 12 | SNMG 543 |
| | | | | *2.480* | *.020* | | *2.559* | | | | | |
| | 19 | 3/4 | C5-PSDNN-00060-19 | 50.0 | 0.5 | | 60.0 | | -6° | -6° | SNMG 19 06 12 | SNMG 643 |
| | | | | *1.968* | *.020* | | *2.362* | | | | | |
| | | | C6-PSDNN-00065-19 | 63.0 | 0.5 | | 65.0 | | -6° | -6° | SNMG 19 06 12 | SNMG 643 |
| | | | | *2.480* | *.020* | | *2.559* | | | | | |
| | 25 | 1 | C6-PSDNN-00065-25 | 63.0 | 1.0 | | 65.0 | | -6° | -6° | SNMG 25 07 24 | SNMG 856 |
| | | | | *2.480* | *.039* | | *2.559* | | | | | |
| | | | C8-PSDNN-00080-25 | 80.0 | 1.0 | | 80.0 | | -6° | -6° | SNMG 25 07 24 | SNMG 856 |
| | | | | *3.150* | *.039* | | *3.150* | | | | | |
|  | 15 | 5/8 | C4-PSSNR/L-27040-15 | 40.0 | 27.0 | 16.8 | 40.0 | 50.2 | -8° | 0° | SNMG 15 06 12 | SNMG 543 |
| | | | | *1.575* | *1.063* | *.661* | *1.575* | *1.976* | | | | |
| | | | C5-PSSNR/L-35050-15 | 50.0 | 35.0 | 24.8 | 50.0 | 60.2 | -8° | 0° | SNMG 15 06 12 | SNMG 543 |
| | | | | *1.968* | *1.378* | *.976* | *1.968* | *2.370* | | | | |
| | 19 | 3/4 | C5-PSSNR/L-35048-19 | 50.0 | 35.0 | 22.5 | 48.0 | 60.5 | -8° | 0° | SNMG 19 06 12 | SNMG 643 |
| | | | | *1.968* | *1.378* | *.886* | *1.890* | *2.382* | | | | |
| | 12 | 1/2 | C3-PSSNR/L-22032-12 | 32.0 | 22.0 | 13.7 | 32.0 | 40.3 | -8° | 0° | SNMG 12 04 08 | SNMG 432 |
| | | | | *1.260* | *.866* | *.539* | *1.260* | *1.587* | | | | |
| | | | C4-PSSNR/L-27042-12 | 40.0 | 27.0 | 18.7 | 42.0 | 50.3 | -8° | 0° | SNMG 12 04 08 | SNMG 432 |
| | | | | *1.575* | *1.063* | *.736* | *1.654* | *1.980* | | | | |
| | | | C5-PSSNR/L-35052-12 | 50.0 | 35.0 | 26.7 | 52.0 | 60.3 | -8° | 0° | SNMG 12 04 08 | SNMG 432 |
| | | | | *1.968* | *1.378* | *1.051* | *2.047* | *2.374* | | | | |
| | | | C6-PSSNR/L-45056-12 | 63.0 | 45.0 | 36.7 | 56.0 | 64.3 | -8° | 0° | SNMG 12 04 08 | SNMG 432 |
| | | | | *2.480* | *1.772* | *1.445* | *2.205* | *2.532* | | | | |
| | 15 | 5/8 | C6-PSSNR/L-45054-15 | 63.0 | 45.0 | 34.8 | 54.0 | 64.2 | -8° | 0° | SNMG 15 06 12 | SNMG 543 |
| | | | | *2.480* | *1.772* | *1.370* | *2.126* | *2.528* | | | | |
| | 19 | 3/4 | C6-PSSNR/L-45052-19 | 63.0 | 45.0 | 32.5 | 52.0 | 64.5 | -8° | 0° | SNMG 19 06 12 | SNMG 643 |
| | | | | *2.480* | *1.772* | *1.280* | *2.047* | *2.539* | | | | |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda
N = Neutro

## Piezas de repuesto principales

| Tamaño de plaquita □ | iC | Palanca | Tornillo | Llave (mm) | Placa de apoyo |
|---|---|---|---|---|---|
| 12 | 1/2 | 174.3-841M | 174.3-821 | 174.1-864 (3.0) | 174.3-851M |
| 15 | 5/8 | 438.3-840 | 438.3-831 | 174.1-864 (3.0) | 174.3-857 |
| 19 | 3/4 | 174.3-842M | 174.3-822M | 3021 010-040 (4.0) | 174.3-852M |
| 25 | 1 | 174.3-844M | 174.3-827 | 3021 010-050 (5.0) | 174.3-853M |

A9
A141
A360
G6
A2
J2

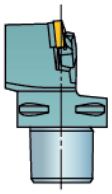
# Unidades de corte Coromant Capto®

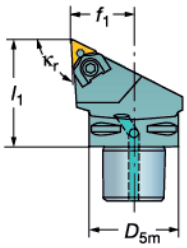
**Diseño de sujeción con cuña T-Max P**

**MTJNR/L**

Ángulo de posición: $\kappa_r$ 93°
Ángulo de ataque: -3°

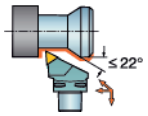
TNMM, TNMX
TNMG
TNMA, TNGA






Entrada de refrigerante: radial a través del cono

A la derecha en la ilustración a menos que se indique lo contrario

| Aplicación principal | △ | *iC* | **Código de pedido** | Dimensiones, mm, pulgadas $D_{5m}$ | $f_1$ | $l_1$ | $\gamma^{1)}$ | $\lambda_s^{2)}$ | Plaquitas calibradoras ISO | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|
|  | 16 | 3/8 | **C3-MTJNR/L-22040-16** | 32.0 | 22.0 | 40.0 | -6° | -6° | TNMG 16 04 08 | TNMG 332 |
| | | | | *1.260* | *.866* | *1.575* | | | | |
| | | | **C4-MTJNR/L-27050-16** | 40.0 | 27.0 | 50.0 | -6° | -6° | TNMG 16 04 08 | TNMG 332 |
| | | | | *1.575* | *1.063* | *1.968* | | | | |
| | | | **C5-MTJNR/L-35060-16** | 50.0 | 35.0 | 60.0 | -6° | -6° | TNMG 16 04 08 | TNMG 332 |
| | | | | *1.968* | *1.378* | *2.362* | | | | |
| | 22 | 1/2 | **C4-MTJNR/L-27050-22** | 40.0 | 27.0 | 50.0 | -6° | -6° | TNMG 22 04 08 | TNMG 432 |
| | | | | *1.575* | *1.063* | *1.968* | | | | |
| | | | **C5-MTJNR/L-35060-22** | 50.0 | 35.0 | 60.0 | -6° | -6° | TNMG 22 04 08 | TNMG 432 |
| | | | | *1.968* | *1.378* | *2.362* | | | | |
| | | | **C6-MTJNR/L-45065-22** | 63.0 | 45.0 | 65.0 | -6° | -6° | TNMG 22 04 08 | TNMG 432 |
| | | | | *2.480* | *1.772* | *2.559* | | | | |
| | 27 | 5/8 | **C6-MTJNR/L-45065-27** | 63.0 | 45.0 | 65.0 | -6° | -6° | TNMG 27 06 12 | TNMG 543 |
| | | | | *2.480* | *1.772* | *2.559* | | | | |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda

**Piezas de repuesto principales**

| Tamaño de plaquita △ | TNM. *iC* | Juego de brida-cuña | Llave (mm) | Placa de apoyo | Pasador | Tornillo | Llave (mm) |
|---|---|---|---|---|---|---|---|
| 16 | 3/8 | 170.38-820-1 | 174.1-863 (2.5) | 170.3-852 | 5313 021-02 | 3212 010-206 | 174.1-863 (2.5) |
| 22 | 1/2 | 170.38-821-1 | 174.1-864 (3.0) | 170.3-855 | 181.38-840 | 3212 010-255 | 174.1-864 (3.0) |
| 27 | 5/8 | 170.38-822-1 | 174.1-864 (3.0) | 170.3-854 | 5313 021-04 | 3212 100-307 | 3021 010-040 (4.0) |

A9
A145
A368
G6
A2
J2



SANDVIK Coromant

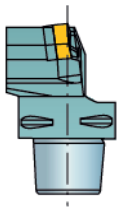
# Unidades de corte Coromant Capto®

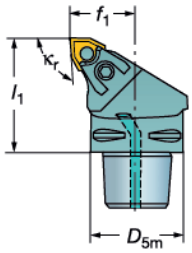
**Diseño de sujeción con cuña T-Max P**

**MWLNR/L**

Ángulo de posición: $\kappa_r$ 95°
Ángulo de ataque: -5°

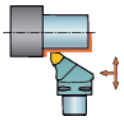
WNMM,
WNMG
WNGA, WNMA






Entrada de refrigerante: radial a través del cono

Si no se especifica nada más, a derechas en la ilustración

| Aplicación principal | | | | Dimensiones, mm, pulgadas | | | | | Plaquitas calibradoras | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | *iC* | **Código de pedido** | $D_{5m}$ | $f_1$ | $l_1$ | $\gamma$[1] | $\lambda_s$[2] | ISO | ANSI |
|  | 06 | 3/8 | **C3-MWLNR/L-22040-06** | 32 | 22 | 40 | -6° | -6° | WNMG 06 04 08 | WNMG 332 |
| | | | | *1.260* | *.866* | *1.575* | | | | |
| | | | **C4-MWLNR/L-27050-06** | 40 | 27 | 50 | -6° | -6° | WNMG 06 04 08 | WNMG 332 |
| | | | | *1.575* | *1.063* | *1.968* | | | | |
| | 08 | 1/2 | **C4-MWLNR/L-27050-08** | 40 | 27 | 50 | -6° | -6° | WNMG 08 04 08 | WNMG 432 |
| | | | | *1.575* | *1.063* | *1.968* | | | | |
| | | | **C5-MWLNR/L-35060-08** | 50 | 35 | 60 | -6° | -6° | WNMG 08 04 08 | WNMG 432 |
| | | | | *1.968* | *1.378* | *2.362* | | | | |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda

**Piezas de repuesto principales**

| Tamaño de plaquita | | | | | | |
|---|---|---|---|---|---|---|
| | Juego de brida-cuña | Llave (mm) | Placa de apoyo | Pasador | Tornillo | Llave (mm) |
| 06 | 5431 125-011 | 170.3-860 (2.5) | 5322 331-06 | 5313 022-01 | 5512 030-03 | 170.3-864 (1.98) |
| 08 | 5431 125-021 | 174.1-864 (3.0) | 5322 331-07 | 5313 022-03 | 3212 010-255 | 174.1-864 (3.0) |

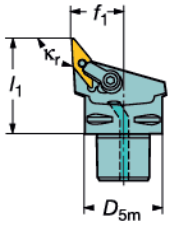
A9
A137
A368
G6
A2
J2

# Unidades de corte Coromant Capto®

**T-Max M, diseño de sujeción superior**

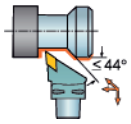
| | **MVJNR/L** |
|---|---|
| Ángulo de posición: | $\kappa_r$ 93° |
| Ángulo de ataque: | -3° |

VNMG
VNGP




Entrada de refrigerante: radial a través del cono

A derechas en la ilustración

| Aplicación principal | | *iC* | **Código de pedido** | Dimensiones, mm, pulgadas $D_{5m}$ | $f_1$ | $l_1$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras ISO | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|
|  | 16 | 3/8 | **C4-MVJNR/L-27050-16** | 40 | 27 | 50 | -4° | -13° | VNMG 16 04 08 | VNMG 332 |
| | | | | *1.575* | *1.063* | *1.968* | | | | |
| | | | **C5-MVJNR/L-35060-16** | 50 | 35 | 60 | -4° | -13° | VNMG 16 04 08 | VNMG 332 |
| | | | | *1.968* | *1.378* | *2.362* | | | | |



1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita | | | | | | | |
|---|---|---|---|---|---|---|---|
| | *iC* | Amarre | Tornillo de sujeción | Llave (dimensiones) | Pasador de blocaje | Llave (dimensiones) | Placa de apoyo |
| 16 | 3/8 | MC-12 | MS-510 | 3021 011-532 (5/32) | MN-34L | 174.1-872 (5/64) | MVN-322 |

A9
A137
A368
G6
A2
J2



SANDVIK Coromant

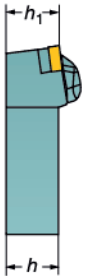
# Herramientas con mango

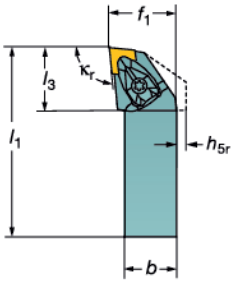
**CoroTurn® RC diseño de sujeción rígida**

**DCLNR/L**

Ángulo de posición: $\kappa_r$ 95°
Ángulo de ataque: -5°

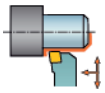
CNMM, CNGP
CNMG
CNMA, CNGA



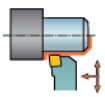




A la derecha en la ilustración a menos que se indique lo contrario

## Versión métrica

| Aplicación principal | □ | Código de pedido | Dimensiones, mm b | $f_1$ | h | $h_1$ | $h_{5r}$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 09 | DCLNR/L 1616H 09 | 16 | 20 | 16 | 16 | | 100 | 24.8 | -6° | -6° | CNMG 09 03 08 | 1.7 |
| | | DCLNR/L 2020K 09 | 20 | 25 | 20 | 20 | | 125 | 24.8 | -6° | -6° | CNMG 09 03 08 | 1.7 |
| | | DCLNR/L 2525M 09 | 25 | 32 | 25 | 25 | | 150 | 24.8 | -6° | -6° | CNMG 09 03 08 | 1.7 |
| | 12 | DCLNR/L 1616H 12 | 16 | 20 | 16 | 16 | 4.5 | 100 | 32.2 | -6° | -6° | CNMG 12 04 08 | 3.9 |
| | | DCLNR/L 2020K 12 | 20 | 25 | 20 | 20 | | 125 | 32 | -6° | -6° | CNMG 12 04 08 | 3.9 |
| | | DCLNR/L 2525M 12 | 25 | 32 | 25 | 25 | | 150 | 32 | -6° | -6° | CNMG 12 04 08 | 3.9 |
| | | DCLNR/L 3225P 12 | 25 | 32 | 32 | 32 | | 170 | 32 | -6° | -6° | CNMG 12 04 08 | 3.9 |
| | | DCLNR/L 3232P 12 | 32 | 40 | 32 | 32 | | 170 | 32.2 | -6° | -6° | CNMG 12 04 08 | 3.9 |
| | | DCLNR/L 4040S 12 | 40 | 50 | 40 | 40 | | 250 | 32.2 | -6° | -6° | CNMG 12 04 08 | 3.9 |
| | 16 | DCLNR/L 2525M 16 | 25 | 32 | 25 | 25 | | 150 | 39 | -6° | -6° | CNMG 16 06 12 | 6.4 |
| | | DCLNR/L 3225P 16 | 25 | 32 | 32 | 32 | | 170 | 39 | -6° | -6° | CNMG 16 06 12 | 6.4 |
| | | DCLNR/L 3232P 16 | 32 | 40 | 32 | 32 | | 170 | 39 | -6° | -6° | CNMG 16 06 12 | 6.4 |
| | 19 | DCLNR/L 2525M 19 | 25 | 32 | 25 | 25 | 1 | 150 | 43.7 | -6° | -6° | CNMG 19 06 12 | 6.4 |
| | | DCLNR/L 3225P 19 | 25 | 32 | 32 | 32 | 1 | 170 | 43.7 | -6° | -6° | CNMG 19 06 12 | 6.4 |
| | | DCLNR/L 3232P 19 | 32 | 40 | 32 | 32 | | 170 | 43.2 | -6° | -6° | CNMG 19 06 12 | 6.4 |
| | | DCLNR/L 4040S 19 | 40 | 50 | 40 | 40 | | 250 | 43.4 | -6° | -6° | CNMG 19 06 12 | 6.4 |
| | 25 | DCLNR/L 4040S 25 | 40 | 50 | 40 | 40 | | 250 | 53.2 | -6° | -6° | CNMG 25 09 24 | 9.5 |
| | | DCLNR/L 5050T 25 | 50 | 60 | 50 | 50 | | 300 | 53.2 | -6° | -6° | CNMG 25 09 24 | 9.5 |

## Versión en pulgadas

| Aplicación principal | iC | Código de pedido | Dimensiones, pulgadas b | $f_1$ | h | $h_1$ | $h_{5r}$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 3/8 | DCLNR/L 10 3A | .625 | .875 | .625 | .625 | | 4.000 | .980 | -6° | -6° | CNMG 322 | 1.3 |
| | | DCLNR/L 12 3C | .750 | 1.000 | .750 | .750 | | 5.000 | .980 | -6° | -6° | CNMG 322 | 1.3 |
| | | DCLNR/L 16 3D | 1.000 | 1.250 | 1.000 | 1.000 | | 6.000 | .980 | -6° | -6° | CNMG 322 | 1.3 |
| | 1/2 | DCLNR/L 10 4A | .625 | .867 | .625 | .625 | .090 | 4.000 | 1.260 | -6° | -6° | CNMG 432 | 2.9 |
| | | DCLNR/L 12 4B | .750 | 1.000 | .750 | .750 | | 4.500 | 1.260 | -6° | -6° | CNMG 432 | 2.9 |
| | | DCLNR/L 16 4C | 1.000 | 1.250 | 1.000 | 1.000 | | 5.000 | 1.260 | -6° | -6° | CNMG 432 | 2.1 |
| | | DCLNR/L 16 4D | 1.000 | 1.250 | 1.000 | 1.000 | | 6.000 | 1.260 | -6° | -6° | CNMG 432 | 2.1 |
| | | DCLNR/L 20 4D | 1.250 | 1.500 | 1.250 | 1.250 | | 6.000 | 1.260 | -6° | -6° | CNMG 432 | 2.1 |
| | | DCLNR/L 24 4D | 1.500 | 2.000 | 1.500 | 1.500 | | 6.000 | 1.260 | -6° | -6° | CNMG 432 | 2.1 |
| | | DCLNR/L 85 4D | 1.000 | 1.250 | 1.250 | 1.250 | | 6.000 | 1.260 | -6° | -6° | CNMG 432 | 2.1 |
| | 5/8 | DCLNR/L 16 5D | 1.000 | 1.250 | 1.000 | 1.000 | | 6.000 | 1.540 | -6° | -6° | CNMG 543 | 4.7 |
| | | DCLNR/L 20 5D | 1.250 | 1.500 | 1.250 | 1.250 | | 6.000 | 1.540 | -6° | -6° | CNMG 543 | 4.7 |
| | | DCLNR/L 24 5D | 1.500 | 2.000 | 1.500 | 1.500 | | 6.000 | 1.540 | -6° | -6° | CNMG 543 | 4.7 |
| | | DCLNR/L 85 5D | 1.000 | 1.250 | 1.250 | 1.250 | | 6.000 | 1.540 | -6° | -6° | CNMG 543 | 4.7 |
| | 3/4 | DCLNR 20 6D | 1.250 | 1.500 | 1.250 | 1.250 | | 6.000 | 1.700 | -6° | -6° | CNMG 643 | 4.7 |
| | | DCLNR/L 16 6D | 1.000 | 1.250 | 1.000 | 1.000 | | 6.000 | 1.700 | -6° | -6° | CNMG 643 | 4.7 |
| | | DCLNR/L 24 6D | 1.500 | 2.000 | 1.500 | 1.500 | | 6.000 | 1.700 | -6° | -6° | CNMG 643 | 4.7 |
| | | DCLNR/L 85 6D | 1.000 | 1.250 | 1.250 | 1.250 | .060 | 6.000 | 1.700 | -6° | -6° | CNMG 643 | 4.7 |
| | 1 | DCLNR/L 24 8E | 1.500 | 2.000 | 1.500 | 1.500 | | 7.000 | 2.090 | -6° | -6° | CNMG 866 | 7.0 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

**Piezas de repuesto principales (ver siguiente página)**

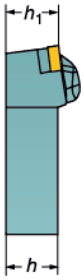
A9
A103
A353
G6
A2
J2

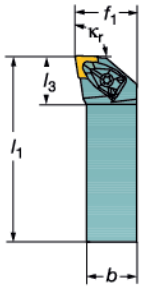
# Herramientas con mango

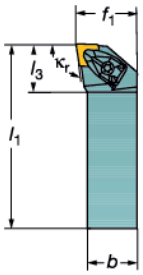
**CoroTurn® RC diseño de sujeción rígida**

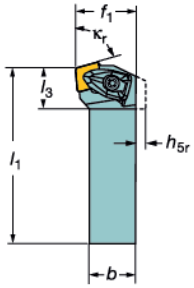
| | DCFNR/L | DCGNR/L | DCKNR/L |
|---|---|---|---|
| Ángulo de posición: | $\kappa_r$ 91° | $\kappa_r$ 91° | $\kappa_r$ 75° |
| Ángulo de ataque: | -1° | -1° | 15° |

CNMM, CNGP
CNMG
CNMA, CNGA



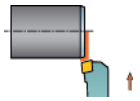



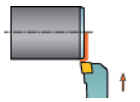
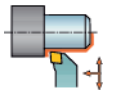
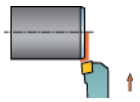




A la derecha en la ilustración a menos que se indique lo contrario

## Versión métrica

| Aplicación principal | □ | Código de pedido | Dimensiones, mm b | f1 | h | h1 | h5r | l1 | l3 | γ1) | λs2) | Plaquitas calibradoras | Nm3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 12 | **DCKNR/L 2020K 12** | 20 | 25 | 20 | 20 | 4.5 | 125 | 21.2 | -6° | -6° | CNMG 12 04 08 | 3.9 |
| | | **DCKNR/L 2525M 12** | 25 | 32 | 25 | 25 | | 150 | 21.1 | -6° | -6° | CNMG 12 04 08 | 3.9 |
| | | **DCKNR/L 3225P 12** | 25 | 32 | 32 | 32 | | 170 | 21.1 | -6° | -6° | CNMG 12 04 08 | 3.9 |
| | 16 | **DCKNR/L 3232P 16** | 32 | 40 | 32 | 32 | | 170 | 26 | -6° | -6° | CNMG 16 06 12 | 6.4 |
| | | **DCKNR/L 4040S 16** | 40 | 50 | 40 | 40 | | 250 | 23.1 | -6° | -6° | CNMG 16 06 12 | 6.4 |

## Versión en pulgadas

| Aplicación principal | iC | Código de pedido | Dimensiones, pulgadas b | f1 | h | h1 | h5r | l1 | l3 | γ1) | λs2) | Plaquitas calibradoras | p-lbs4) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/2 | **DCFNR/L 16 4D** | 1.000 | 1.250 | 1.000 | 1.000 | | 6.000 | 1.070 | -6° | -6° | CNMG 432 | 2.9 |
|  | 1/2 | **DCGNR/L 16 4D** | 1.000 | 1.250 | 1.000 | 1.000 | | 6.000 | 1.300 | -6° | -6° | CNMG 432 | 2.9 |
| | | **DCGNR/L 20 4D** | 1.250 | 1.500 | 1.250 | 1.250 | | 6.000 | 1.300 | -6° | -6° | CNMG 432 | 2.9 |
| | 3/4 | **DCGNR/L 20 6D** | 1.250 | 1.500 | 1.250 | 1.250 | | 6.000 | 1.770 | -6° | -6° | CNMG 643 | 4.7 |
|  | 1/2 | **DCKNR/L 12 4B** | .750 | .855 | .750 | .750 | .170 | 4.500 | .830 | -6° | -6° | CNMG 432 | 2.9 |
| | | **DCKNR/L 16 4D** | 1.000 | 1.250 | 1.000 | 1.000 | | 6.000 | .830 | -6° | -6° | CNMG 432 | 2.9 |
| | | **DCKNR/L 85 4D** | 1.000 | 1.250 | 1.250 | 1.250 | | 6.000 | .830 | -6° | -6° | CNMG 432 | 2.9 |
| | 5/8 | **DCKNR/L 20 5D** | 1.250 | 1.500 | 1.250 | 1.250 | | 6.000 | 1.020 | -6° | -6° | CNMG 543 | 4.7 |

1) γ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita □ | iC | Tornillo de la placa de apoyo | Placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo | Llave (Torx Plus) |
|---|---|---|---|---|---|---|
| 09 | 3/8 | 5513 020-04 | 5322 236-04 | 5680 051-03 (9IP) | 5412 028-011 | 5680 051-03 (9IP) |
| 12 | 1/2[2)] | 5513 020-02 | 5322 234-01[2)] | 5680 049-01 (15IP) | 5412 028-021[1)] | 5680 049-01 (15IP) |
| 16 | 5/8 | 5513 020-07 | 5322 234-03 | 5680 043-14 (20IP) | 5412 028-031[1)] | 5680 043-14 (20IP) |
| 19 | 3/4 | 5513 020-07 | 5322 236-01 | 5680 043-14 (20IP) | 5412 028-041 | 5680 043-14 (20IP) |
| 25 | 1 | 5513 020-08 | 5322 234-05 | 5680 043-15 (25IP) | 5412 028-051 | 5680 043-15 (25IP) |

1)Para modificar los portaplaquitas CoroTurn® RC para otras plaquitas, consulte los juegos de sujeción en la página A353.
2) Holders DCLNR/L 104A and DCLNR/L 1616H 12 use shim 5322 236-03.

A9
A103
A353
G6
A2
J2



SANDVIK Coromant

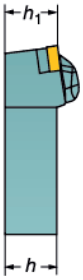
# Herramientas con mango

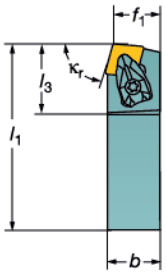
**CoroTurn® RC diseño de sujeción rígida**

**DCBNR/L (Metric)**
**DCRNR/L (Inch)**

Ángulo de posición: $\kappa_r$ 75°
Ángulo de ataque: 15°

CNMM, CNGP
CNMG
CNMA, CNGA




A la derecha en la ilustración a menos que se indique lo contrario

## Versión métrica

| Aplicación principal | □ | Código de pedido | Dimensiones, mm b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 12 | **DCBNR/L 2020K 12** | 20 | 17 | 20 | 20 | 125 | 34.2 | -6° | -6° | CNMG 12 04 08 | 3.9 |
| | | **DCBNR/L 2525M 12** | 25 | 22 | 25 | 25 | 150 | 34.6 | -6° | -6° | CNMG 12 04 08 | 3.9 |
| | | **DCBNR/L 3225P 12** | 25 | 22 | 32 | 32 | 170 | 34.6 | -6° | -6° | CNMG 12 04 08 | 3.9 |
| | | **DCBNR/L 3232P 12** | 32 | 27 | 32 | 32 | 170 | 34.2 | -6° | -6° | CNMG 12 04 08 | 3.9 |
| | | **DCBNR/L 4040S 12** | 40 | 35 | 40 | 40 | 250 | 34.8 | -6° | -6° | CNMG 12 04 08 | 3.9 |
| | 16 | **DCBNR/L 2525M 16** | 25 | 22 | 25 | 25 | 150 | 41.5 | -6° | -6° | CNMG 16 06 12 | 6.4 |
| | | **DCBNR/L 3225P 16** | 25 | 22 | 32 | 32 | 170 | 32 | -6° | -6° | CNMG 16 06 12 | 6.4 |
| | | **DCBNR/L 3232P 16** | 32 | 27 | 32 | 32 | 170 | 41.6 | -6° | -6° | CNMG 16 06 12 | 6.4 |
| | | **DCBNR/L 4040S 16** | 40 | 35 | 40 | 40 | 250 | 42.3 | -6° | -6° | CNMG 16 06 12 | 6.4 |
| | 19 | **DCBNR/L 3232P 19** | 32 | 27 | 32 | 32 | 170 | 46.1 | -6° | -6° | CNMG 19 06 12 | 6.4 |
| | | **DCBNR/L 4040S 19** | 40 | 35 | 40 | 40 | 250 | 46.7 | -6° | -6° | CNMG 19 06 12 | 6.4 |

## Versión en pulgadas

| Aplicación principal | iC | Código de pedido | Dimensiones, pulgadas b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma$ | $\lambda_s$ | Plaquitas calibradoras | pies-lbs[5] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1/2 | **DCRNR/L 12 4BM1**[4] | .750 | .855 | .750 | .750 | 4.500 | 1.350 | -6° | -6° | CNMG 432 | 2.9 |
| | | **DCRNR/L 16 4DM1**[4] | 1.000 | 1.048 | 1.000 | 1.000 | 6.000 | 1.350 | -6° | -6° | CNMG 432 | 2.9 |
| | | **DCRNR/L 20 4DM1**[4] | 1.250 | 1.292 | 1.250 | 1.250 | 6.000 | 1.350 | -6° | -6° | CNMG 432 | 2.9 |
| | | **DCRNR/L 24 4DM1**[4] | 1.500 | 1.697 | 1.500 | 1.500 | 6.000 | 1.350 | -6° | -6° | CNMG 432 | 2.9 |
| | | **DCRNR/L 85 4D** | 1.000 | 1.047 | 1.250 | 1.250 | 6.000 | 1.360 | -6° | -6° | CNMG 432 | 2.9 |
| | 5/8 | **DCRNR/L 16 5D** | 1.000 | 1.047 | 1.000 | 1.000 | 6.000 | 1.640 | -6° | -6° | CNMG 543 | 4.7 |
| | | **DCRNR/L 20 5D** | 1.250 | 1.291 | 1.250 | 1.250 | 6.000 | 1.640 | -6° | -6° | CNMG 543 | 4.7 |
| | | **DCRNR/L 24 5D** | 1.500 | 1.697 | 1.500 | 1.500 | 6.000 | 1.640 | -6° | -6° | CNMG 543 | 4.7 |
| | | **DCRNR/L 85 5D** | 1.000 | 1.047 | 1.250 | 1.250 | 6.000 | 1.640 | -6° | -6° | CNMG 543 | 4.7 |
| | 3/4 | **DCRNR 20 6D** | 1.250 | 1.291 | 1.250 | 1.250 | 6.000 | 1.820 | -6° | -6° | CNMG 643 | 4.7 |
| | | **DCRNR/L 24 6D** | 1.500 | 1.697 | 1.500 | 1.500 | 6.000 | 1.820 | -6° | -6° | CNMG 643 | 4.7 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) M1 el final del código de pedido = dimensión $f_1$ modificada para cumplir norma ANSI.
5) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita □ | iC | Tornillo de la placa de apoyo | Placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo | Llave (Torx Plus) |
|---|---|---|---|---|---|---|
| 12 | 1/2 | 5513 020-02 | 5322 234-01 | 5680 049-01 (15IP) | 5412 028-021[1] | 5680 049-01 (15IP) |
| 16 | 5/8 | 5513 020-07 | 5322 234-03 | 5680 043-14 (20IP) | 5412 028-031[1] | 5680 043-14 (20IP) |
| 19 | 3/4 | 5513 020-07 | 5322 236-01 | 5680 043-14 (20IP) | 5412 028-041 | 5680 043-14 (20IP) |

1) Amarre opcional, para modificar los mangos CoroTurn® RC para otras plaquitas, véase la página A353

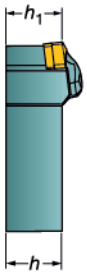
A9
A103
A353
G6
A2
J2

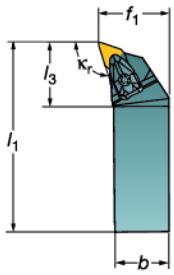
# Herramientas con mango

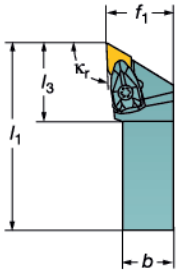
**CoroTurn® RC diseño de sujeción rígida**

| | **DDHNR/L DDQNR/L** | **DDJNR/L** |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 107.5° | $\kappa_r$ 93° |
| Ángulo de ataque: | -17.5° | -3° |

DNMM, DNGP, DNMX
DNMG
DNMA, DNGA

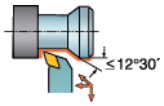
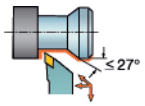


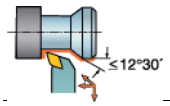
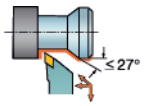




A la derecha en la ilustración a menos que se indique lo contrario

## Versión métrica

| Aplicación principal | ⇿ | Código de pedido | Dimensiones, mm b | f1 | h | h1 | l1 | l3 | γ1) | λs2) | Plaquitas calibradoras | Nm3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  ≤12°30' | 15 | **DDHNR/L 2525M 1504**5) | 25 | 32 | 25 | 25 | 150 | 36.1 | -6° | -7° | DNMG 15 04 08 | 3.9 |
| | | **DDHNR/L 2020K 15** | 20 | 25 | 20 | 20 | 125 | 36.1 | -6° | -7° | DNMG 15 06 08 | 3.9 |
| | | **DDHNR/L 2525M 15** | 25 | 32 | 25 | 25 | 150 | 36.1 | -6° | -7° | DNMG 15 06 08 | 3.9 |
| | | **DDHNR/L 3225P 15** | 25 | 32 | 32 | 32 | 170 | 36.1 | -6° | -7° | DNMG 15 06 08 | 3.9 |
| | | **DDHNR/L 3232P 15** | 32 | 40 | 32 | 32 | 170 | 36.1 | -6° | -7° | DNMG 15 06 08 | 3.9 |
|  ≤27° | 11 | **DDJNR/L 1616H 11** | 16 | 20 | 16 | 16 | 100 | 30.1 | -6° | -7° | DNMG 11 04 08 | 1.7 |
| | | **DDJNR/L 2020K 11** | 20 | 25 | 20 | 20 | 125 | 30.2 | -6° | -7° | DNMG 11 04 08 | 1.7 |
| | | **DDJNR/L 2525M 11** | 25 | 32 | 25 | 25 | 150 | 30.2 | -6° | -7° | DNMG 11 04 08 | 1.7 |
| | | **DDJNR/L 3225P 11** | 25 | 32 | 32 | 32 | 170 | 30.2 | -6° | -7° | DNMG 11 04 08 | 1.7 |
| | | **DDJNR/L 3232P 11** | 32 | 40 | 32 | 32 | 170 | 30.1 | -6° | -7° | DNMG 11 04 08 | 1.7 |
| | 15 | **DDJNR/L 2020K 1504**5) | 20 | 25 | 20 | 20 | 125 | 39.4 | -6° | -7° | DNMG 15 04 08 | 3.9 |
| | | **DDJNR/L 2525M 1504**5) | 25 | 32 | 25 | 25 | 150 | 39.4 | -6° | -7° | DNMG 15 04 08 | 3.9 |
| | | **DDJNR/L 3225P 1504**5) | 25 | 32 | 32 | 32 | 170 | 39.4 | -6° | -7° | DNMG 15 04 08 | 3.9 |
| | | **DDJNR/L 2020K 15** | 20 | 25 | 20 | 20 | 125 | 39.4 | -6° | -7° | DNMG 15 06 08 | 3.9 |
| | | **DDJNR/L 2525M 15** | 25 | 32 | 25 | 25 | 150 | 39.4 | -6° | -7° | DNMG 15 06 08 | 3.9 |
| | | **DDJNR/L 3225P 15** | 25 | 32 | 32 | 32 | 170 | 39.4 | -6° | -7° | DNMG 15 06 08 | 3.9 |
| | | **DDJNR/L 3232P 15** | 32 | 40 | 32 | 32 | 170 | 39.4 | -6° | -7° | DNMG 15 06 08 | 3.9 |
| | | **DDJNR/L 4040S 15** | 40 | 50 | 40 | 40 | 250 | 39.6 | -6° | -7° | DNMG 15 06 08 | 3.9 |

## Versión en pulgadas

| Aplicación principal | iC | Código de pedido | Dimensiones, pulgadas b | f1 | h | h1 | l1 | l3 | γ1) | λs2) | Plaquitas calibradoras | p-lbs4) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  ≤12°30' | 3/8 | **DDQNR/L 12 3B** | .750 | 1.000 | .750 | .750 | 4.500 | 1.090 | -6° | -7° | DNMG 332 | 1.3 |
| | 1/2 | **DDQNR/L 16 4D** | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | 1.420 | -6° | -7° | DNMG 432 | 2.9 |
| | | **DDQNR/L 20 4D** | 1.250 | 1.500 | 1.250 | 1.250 | 6.000 | 1.420 | -6° | -7° | DNMG 432 | 2.9 |
| | | **DDQNR/L 24 4D** | 1.500 | 2.000 | 1.500 | 1.500 | 6.000 | 1.420 | -6° | -7° | DNMG 432 | 2.9 |
|  ≤27° | 3/8 | **DDJNR/L 10 3A** | .625 | .875 | .625 | .625 | 4.000 | 1.200 | -6° | -7° | DNMG 332 | 1.3 |
| | | **DDJNR/L 12 3C** | .750 | 1.000 | .750 | .750 | 5.000 | 1.190 | -6° | -7° | DNMG 332 | 1.3 |
| | | **DDJNR/L 16 3D** | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | 1.190 | -6° | -7° | DNMG 332 | 1.3 |
| | | **DDJNR/L 20 3D** | 1.250 | 1.500 | 1.250 | 1.250 | 6.000 | 1.190 | -6° | -7° | DNMG 332 | 1.3 |
| | | **DDJNR/L 24 3D** | 1.500 | 2.000 | 1.500 | 1.500 | 6.000 | 1.190 | -6° | -7° | DNMG 332 | 1.3 |
| | | **DDJNR/L 85 3D** | 1.000 | 1.250 | 1.250 | 1.250 | 6.000 | 1.200 | -6° | -7° | DNMG 332 | 1.3 |
| | 1/2 | **DDJNR/L 12 4B** | .750 | 1.000 | .750 | .750 | 4.500 | 1.450 | -6° | -7° | DNMG 432 | 2.9 |
| | | **DDJNR/L 16 4C** | 1.000 | 1.250 | 1.000 | 1.000 | 5.000 | 1.550 | -6° | -7° | DNMG 432 | 2.9 |
| | | **DDJNR/L 16 4D** | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | 1.250 | -6° | -7° | DNMG 432 | 2.9 |
| | | **DDJNR/L 20 4D** | 1.250 | 1.500 | 1.250 | 1.250 | 6.000 | 1.550 | -6° | -7° | DNMG 432 | 2.9 |
| | | **DDJNR/L 24 4D** | 1.500 | 2.000 | 1.500 | 1.500 | 6.000 | 1.550 | -6° | -7° | DNMG 432 | 2.9 |
| | | **DDJNR/L 85 4D** | 1.000 | 1.250 | 1.250 | 1.250 | 6.000 | 1.550 | -6° | -7° | DNMG 432 | 2.9 |

1) γ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.
5) -1504 al final del código de pedido = para plaquitas con espesor de 4.76 mm (1/4")

R = A Derecha, L = A Izquierda

Piezas de repuesto principales

| Tamaño de plaquita ⇿ | iC | Tornillo de la placa de apoyo | Placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo | Llave (Torx Plus) |
|---|---|---|---|---|---|---|
| 11 | 3/8 | 5513 020-04 | 5322 267-01 | 5680 051-03 (9IP) | 5412 028-011 | 5680 051-03 (9IP) |
| 1506 | - | 5513 020-02 | 5322 266-01 | 5680 049-01 (15IP) | 5412 028-021 1) | 5680 049-01 (15IP) |
| 1504 | - | 5513 020-02 | 5322 266-02 | 5680 049-01 (15IP) | 5412 028-021 1) | 5680 049-01 (15IP) |
| - | 1/2 | 5513 020-02 | 5322 266-01 | 5680 049-01 (15IP) | 5412 028-021 | 5680 049 01 (15IP) |

1) Amarre opcional, para modificar los mangos CoroTurn® RC para otras plaquitas, véase la página A353

A9
A104
A353
G6
A2
J2



SANDVIK Coromant

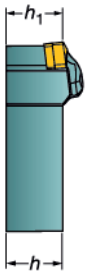
# Herramientas con mango

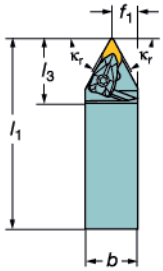
**CoroTurn® RC diseño de sujeción rígida**

**DDNNN**
**DDPNN**

Ángulo de posición: $\kappa_r$ 62.5°
Ángulo de ataque: 27.5°

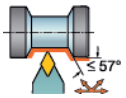
DNMM, DNGP, DNMX
DNMG
DNMA, DNGA



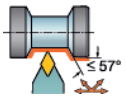




Dibujo tipo neutro

## Versión métrica

| Aplicación principal | | Código de pedido | Dimensiones, mm b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 11 | **DDNNN 2020K 11** | 20 | 10.5 | 20 | 20 | 125 | 31.2 | -5° | -9° | DNMG 11 04 08 | 1.7 |
| | | **DDNNN 2525M 11** | 25 | 13 | 25 | 25 | 150 | 31.2 | -5° | -9° | DNMG 11 04 08 | 1.7 |
| | 15 | **DDNNN 2525M 15** | 25 | 13 | 25 | 25 | 150 | 40.8 | -5° | -9° | DNMG 15 06 08 | 3.9 |
| | | **DDNNN 2525M 1504** | 25 | 13 | 25 | 25 | 150 | 40.8 | -5° | -9° | DNMG 15 04 08 | 3.9 |
| | | **DDNNN 3225P 15** | 25 | 13 | 32 | 32 | 170 | 40.8 | -5° | -9° | DNMG 15 06 08 | 3.9 |
| | | **DDNNN 3225P 1504** | 25 | 13 | 32 | 32 | 170 | 40.8 | -5° | -9° | DNMG 15 04 08 | 3.9 |
| | | **DDNNN 3232P 15** | 32 | 16.5 | 32 | 32 | 170 | 40.8 | -5° | -9° | DNMG 15 06 08 | 3.9 |
| | | **DDNNN 4040S 15** | 40 | 20.5 | 40 | 40 | 250 | 40.8 | -5° | -9° | DNMG 15 06 08 | 3.9 |

## Versión en pulgadas

| Aplicación principal | *iC* | Código de pedido | Dimensiones, pulgadas b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 3/8 | **DDPNN 12 3B** | .750 | .375 | .750 | .750 | 4.500 | 1.230 | -5° | -9° | DNMG 332 | 1.3 |
| | | **DDPNN 16 3C** | 1.000 | .500 | 1.000 | 1.000 | 5.000 | 1.230 | -5° | -9° | DNMG 332 | 1.3 |
| | 1/2 | **DDPNN 12 4B** | .750 | .375 | .750 | .750 | 4.500 | 1.610 | -5° | -9° | DNMG 432 | 2.9 |
| | | **DDPNN 16 4D** | 1.000 | .500 | 1.000 | 1.000 | 6.000 | 1.610 | -5° | -9° | DNMG 432 | 2.9 |
| | | **DDPNN 20 4D** | 1.250 | .625 | 1.250 | 1.250 | 6.000 | 1.610 | -5° | -9° | DNMG 432 | 2.9 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

N = Neutro

Piezas de repuesto principales

| Tamaño de plaquita | | Tornillo de la placa de apoyo | Placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo | Llave (Torx Plus) |
|---|---|---|---|---|---|---|
| | *iC* | | | | | |
| 11 | 3/8 | 5513 020-04 | 5322 267-01 | 5680 051-03 (9IP) | 5412 028-011 | 5680 051-03 (9IP) |
| 1506 | - | 5513 020-02 | 5322 266-01 | 5680 049-01 (15IP) | 5412 028-0211) | 5680 049-01 (15IP) |
| 1504 | - | 5513 020-02 | 5322 266-02 | 5680 049-01 (15IP) | 5412 028-021[1)] | 5680 049-01 (15IP) |
| - | 1/2 | 5513 020-02 | 5322 266-01 | 5680 049-01 (15IP) | 5412 028-021 | 5680 049 01 (15IP) |

1) Amarre opcional, para modificar los mangos CoroTurn® RC para otras plaquitas, véase la página A353

A9
A104
A353
G6
A2
J2

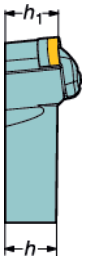
# Herramientas con mango

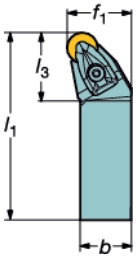
## CoroTurn® RC diseño de sujeción rígida

Neg.

**DRSNR/L**

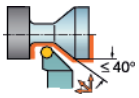
RNMG
RNGA



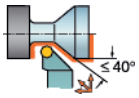

A la derecha en la ilustración a menos que se indique lo contrario

### Versión métrica

| Aplicación principal | iC | Código de pedido | Dimensiones, mm b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 09 | **DRSNR/L 2020K 09** | 20 | 25 | 20 | 20 | 125 | 24.4 | -6° | -6° | RNMG 09 03 00 | 1.7 |
| | 12 | **DRSNR/L 2525M 12** | 25 | 32 | 25 | 25 | 150 | 31.6 | -6° | -6° | RNMG 12 04 00 | 3.9 |
| | 15 | **DRSNR/L 3225P 15** | 25 | 32 | 32 | 32 | 170 | 38.5 | -6° | -6° | RNMG 15 06 00 | 6.4 |
| | 19 | **DRSNR/L 3232P 19** | 32 | 40 | 32 | 32 | 170 | 42.6 | -6° | -6° | RNMG 19 06 00 | 6.4 |
| | 25 | **DRSNR/L 4040S 25** | 40 | 50 | 40 | 40 | 250 | 50.5 | -6° | -6° | RNMG 25 09 00 | 9.5 |



### Versión en pulgadas

| Aplicación principal | iC | Código de pedido | Dimensiones, pulgadas b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 3/8 | **DRSNR/L 12 3B** | .750 | 1.000 | .750 | .750 | 4.500 | .984 | -6° | -6° | RNMG 32 | 1.3 |
| | 1/2 | **DRSNR/L 16 4D** | 1.000 | 1.252 | 1.000 | 1.000 | 6.000 | 1.244 | -6° | -6° | RNMG 43 | 2.9 |
| | | **DRSNR/L 20 4D** | 1.250 | 1.500 | 1.250 | 1.252 | 6.000 | 1.244 | -6° | -6° | RNMG 43 | 2.9 |



1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

### Piezas de repuesto principales

| Tamaño de plaquita iC | Tornillo de la placa de apoyo | Placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo | Llave (Torx Plus) |
|---|---|---|---|---|---|
| 09 3/8 | 5513 020-04 | 5322 156-01 | 5680 051-03 (9IP) | 5412 028-011 | 5680 051-03 (9IP) |
| 12 1/2 | 5513 020-02 | 5322 155-02 | 5680 049-01 (15IP) | 5412 028-021 | 5680 049-01 (15IP) |
| 15 | 5513 020-07 | 5322 155-04 | 5680 043-14 (20IP) | 5412 028-031 | 5680 043-14 (20IP) |
| 19 | 5513 020-07 | 5322 155-06 | 5680 043-14 (20IP) | 5412 028-041 | 5680 043-14 (20IP) |
| 25 | 5513 020-08 | 5322 155-07 | 5680 043-15 (25IP) | 5412 028-051 | 5680 043-15 (25IP) |

A9
A105
A353
G6
A2
J2



SANDVIK Coromant

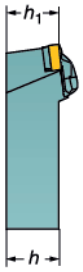
# Herramientas con mango

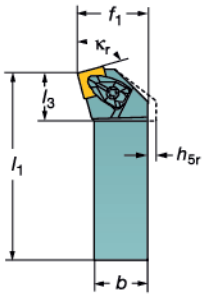
**CoroTurn® RC diseño de sujeción rígida**

**DSKNR/L**

Ángulo de posición: $\kappa_r$ 75°
Ángulo de ataque: 15°

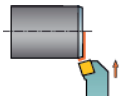
SNMM
SNMG
SNMA, SNGA



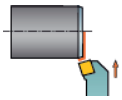




A la derecha en la ilustración a menos que se indique lo contrario

## Versión métrica

| Aplicación principal | ☐ | Código de pedido | Dimensiones, mm b | $f_1$ | h | $h_1$ | $h_{5r}$ | $l_1$ | $l_3$ | $\gamma$ 1) | $\lambda_s$ 2) | Plaquitas calibradoras | Nm 3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 09 | **DSKNR/L 2020K 09** | 20 | 25 | 20 | 20 | | 125 | 18.2 | -6° | -6° | SNMG 09 03 08 | 1.7 |
| | 12 | **DSKNR/L 2020K 12** | 20 | 25 | 20 | 20 | 4.5 | 125 | 23.6 | -6° | -6° | SNMG 12 04 08 | 3.9 |
| | | **DSKNR/L 2525M 12** | 25 | 32 | 25 | 25 | | 150 | 23.6 | -6° | -6° | SNMG 12 04 08 | 3.9 |
| | | **DSKNR/L 3225P 12** | 25 | 32 | 32 | 32 | | 170 | 23.5 | -6° | -6° | SNMG 12 04 08 | 3.9 |
| | 15 | **DSKNR/L 3232P 15** | 32 | 40 | 32 | 32 | | 170 | 28.9 | -6° | -6° | SNMG 15 06 12 | 6.4 |
| | 19 | **DSKNR/L 3232P 19** | 32 | 40 | 32 | 32 | | 170 | 32.1 | -6° | -6° | SNMG 19 06 12 | 6.4 |
| | | **DSKNR/L 4040S 19** | 40 | 50 | 40 | 40 | | 250 | 29.6 | -6° | -6° | SNMG 19 06 12 | 6.4 |
| | 25 | **DSKNR/L 5050T 25** | 50 | 60 | 50 | 50 | | 300 | 35.2 | -6° | -6° | SNMG 25 07 24 | 9.5 |

## Versión en pulgadas

| Aplicación principal | *iC* | Código de pedido | Dimensiones, pulgadas b | $f_1$ | h | $h_1$ | $h_{5r}$ | $l_1$ | $l_3$ | $\gamma$ 1) | $\lambda_s$ 2) | Plaquitas calibradoras | p-lbs 4) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 3/8 | **DSKNR/L 12 3B** | .750 | 1.000 | .750 | .750 | | 4.500 | .670 | -6° | -6° | SNMG 322 | 1.3 |
| | 1/2 | **DSKNR/L 12 4B** | .750 | 1.000 | .750 | .750 | .180 | 4.500 | .930 | -6° | -6° | SNMG 432 | 2.1 |
| | | **DSKNR/L 16 4D** | 1.000 | 1.250 | 1.000 | 1.000 | | 6.000 | .930 | -6° | -6° | SNMG 432 | 2.1 |
| | | **DSKNR/L 85 4D** | 1.000 | 1.250 | 1.250 | 1.250 | | 6.000 | .930 | -6° | -6° | SNMG 432 | 2.9 |
| | 5/8 | **DSKNR/L 20 5D** | 1.250 | 1.500 | 1.250 | 1.250 | | 6.000 | 1.140 | -6° | -6° | SNMG 543 | 4.7 |
| | 3/4 | **DSKNR/L 20 6D** | 1.250 | 1.500 | 1.250 | 1.250 | .100 | 6.000 | 1.170 | -6° | -6° | SNMG 643 | 4.7 |
| | | **DSKNR/L 24 6D** | 1.500 | 2.000 | 1.500 | 1.500 | | 6.000 | 1.170 | -6° | -6° | SNMG 643 | 4.7 |
| | 1 | **DSKNR/L 32 8F** | 2.000 | 2.500 | 2.000 | 2.000 | | 8.000 | 1.390 | -6° | -6° | SNMG 856 | 7.0 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita ☐ | *iC* | Tornillo de la placa de apoyo | Placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo | Llave (Torx Plus) |
|---|---|---|---|---|---|---|
| 09 | 3/8 | 5513 020-04 | 5322 426-01 | 5680 051-03 (9IP) | 5412 028-011 | 5680 051-03 (9IP) |
| 12 | 1/2 | 5513 020-02 | 5322 425-01 | 5680 049-01 (15IP) | 5412 028-021 1) | 5680 049-01 (15IP) |
| 15 | 5/8 | 5513 020-07 | 5322 425-03 | 5680 043-14 (20IP) | 5412 028-031 1) | 5680 043-14 (20IP) |
| 19 | 3/4 | 5513 020-07 | 5322 425-04 | 5680 043-14 (20IP) | 5412 028-041 | 5680 043-14 (20IP) |
| 25 | 1 | 5513 020-08 | 5322 425-07 | 5680 043-15 (25IP) | 5412 028-051 | 5680 043-15 (25IP) |

1) Amarre opcional, para modificar los mangos CoroTurn® RC para otras plaquitas, véase la página A353

A9
A106
A353
G6
A2
J2

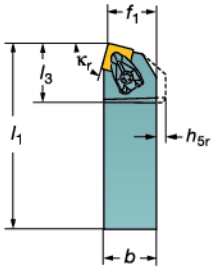
# Herramientas con mango

## CoroTurn® RC diseño de sujeción rígida

**DSBNR/L**
**DSRNR/L**

Ángulo de posición: $\kappa_r$ 75°
Ángulo de ataque: 15°

SNMM
SNMG
SNMA, SNGA




A la derecha en la ilustración a menos que se indique lo contrario

### Versión métrica

| Aplicación principal | □ | Código de pedido | Dimensiones, mm b | $f_1$ | h | $h_1$ | $h_{5r}$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 09 | **DSBNR/L 1616H 09** | 16 | 13 | 16 | 16 | 1 | 100 | 26.7 | -6° | -6° | SNMG 09 03 08 | 1.7 |
| | | **DSBNR/L 2020K 09** | 20 | 17 | 20 | 20 | | 125 | 26.7 | -6° | -6° | SNMG 09 03 08 | 1.7 |
| | | **DSBNR/L 2525M 09** | 25 | 22 | 25 | 25 | | 150 | 26.7 | -6° | -6° | SNMG 09 03 08 | 1.7 |
| | 12 | **DSBNR/L 2020K 12** | 20 | 17 | 20 | 20 | 2.5 | 125 | 34.2 | -6° | -6° | SNMG 12 04 08 | 3.9 |
| | | **DSBNR/L 2525M 12** | 25 | 22 | 25 | 25 | | 150 | 34.3 | -6° | -6° | SNMG 12 04 08 | 3.9 |
| | | **DSBNR/L 3225P 12** | 25 | 22 | 32 | 32 | | 170 | 34.3 | -6° | -6° | SNMG 12 04 08 | 3.9 |
| | | **DSBNR/L 3232P 12** | 32 | 27 | 32 | 32 | | 170 | 34.2 | -6° | -6° | SNMG 12 04 08 | 3.9 |
| | | **DSBNR/L 4040S 12** | 40 | 35 | 40 | 40 | | 250 | 34.5 | -6° | -6° | SNMG 12 04 08 | 3.9 |
| | 15 | **DSBNR/L 2525M 15** | 25 | 22 | 25 | 25 | 2 | 150 | 41.6 | -6° | -6° | SNMG 15 06 12 | 6.4 |
| | | **DSBNR/L 3225P 15** | 25 | 22 | 32 | 32 | 2 | 170 | 41.7 | -6° | -6° | SNMG 15 06 12 | 6.4 |
| | | **DSBNR/L 3232P 15** | 32 | 27 | 32 | 32 | | 170 | 41.5 | -6° | -6° | SNMG 15 06 12 | 6.4 |
| | 19 | **DSBNR/L 3232P 19** | 32 | 27 | 32 | 32 | | 170 | 46.4 | -6° | -6° | SNMG 19 06 12 | 6.4 |
| | | **DSBNR/L 4040S 19** | 40 | 35 | 40 | 40 | | 250 | 46.5 | -6° | -6° | SNMG 19 06 12 | 6.4 |
| | 25 | **DSBNR/L 4040S 25** | 40 | 35 | 40 | 40 | | 250 | 56.6 | -6° | -6° | SNMG 25 07 24 | 9.5 |
| | | **DSBNR/L 5050T 25** | 50 | 43 | 50 | 50 | | 300 | 56.6 | -6° | -6° | SNMG 25 07 24 | 9.5 |

### Versión en pulgadas

| Aplicación principal | iC | Código de pedido | Dimensiones, pulgadas b | $f_1$ | h | $h_1$ | $h_{5r}$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | pies-lbs[5] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3/8 | **DSRNR/L 10 3B** | .625 | .783 | .625 | .625 | | 4.500 | 1.050 | -6° | -6° | SNMG 322 | 1.3 |
| | | **DSRNR/L 12 3B** | .750 | .855 | .750 | .750 | | 4.500 | 1.050 | -6° | -6° | SNMG 322 | 1.3 |
| | | **DSRNR/L 16 3C** | 1.000 | 1.048 | 1.000 | 1.000 | | 5.000 | 1.050 | -6° | -6° | SNMG 322 | 1.3 |
| | 1/2 | **DSRNR/L 12 4BM1**[4] | .750 | .855 | .750 | .750 | | 4.500 | 1.350 | -6° | -6° | SNMG 432 | 2.9 |
| | | **DSRNR/L 16 4DM1**[4] | 1.000 | 1.048 | 1.000 | 1.000 | | 6.000 | 1.350 | -6° | -6° | SNMG 432 | 2.9 |
| | | **DSRNR/L 20 4DM1**[4] | 1.250 | 1.292 | 1.250 | 1.250 | | 6.000 | 1.350 | -6° | -6° | SNMG 432 | 2.9 |
| | | **DSRNR/L 24 4DM1**[4] | 1.500 | 1.697 | 1.500 | 1.500 | | 6.000 | 1.350 | -6° | -6° | SNMG 432 | 2.9 |
| | | **DSRNR/L 85 4D** | 1.000 | 1.047 | 1.250 | 1.250 | | 6.000 | 1.350 | -6° | -6° | SNMG 432 | 2.9 |
| | 5/8 | **DSRNR/L 16 5D** | 1.000 | 1.047 | 1.000 | 1.000 | | 6.000 | 1.640 | -6° | -6° | SNMG 543 | 4.7 |
| | | **DSRNR/L 20 5D** | 1.250 | 1.291 | 1.250 | 1.250 | | 6.000 | 1.640 | -6° | -6° | SNMG 543 | 4.7 |
| | | **DSRNR/L 85 5D** | 1.000 | 1.047 | 1.250 | 1.250 | | 6.000 | 1.640 | -6° | -6° | SNMG 543 | 4.7 |
| | 3/4 | **DSRNR/L 16 6DM1**[4] | 1.000 | 1.048 | 1.000 | 1.000 | | 6.000 | 1.830 | -6° | -6° | SNMG 643 | 4.7 |
| | | **DSRNR/L 20 6DM1**[4] | 1.250 | 1.292 | 1.250 | 1.250 | | 6.000 | 1.830 | -6° | -6° | SNMG 643 | 4.7 |
| | | **DSRNR/L 24 6D** | 1.500 | 1.697 | 1.500 | 1.500 | | 6.000 | 1.830 | -6° | -6° | SNMG 643 | 4.7 |
| | 1 | **DSRNR/L 24 8E** | 1.500 | 1.697 | 1.500 | 1.500 | | 7.000 | 2.220 | -6° | -6° | SNMG 856 | 7.0 |
| | | **DSRNR/L 32 8F** | 2.000 | 2.268 | 2.000 | 2.000 | | 8.000 | 2.230 | -6° | -6° | SNMG 856 | 7.0 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) M1 el final del código de pedido = dimensión $f_1$ modificada para cumplir norma ANSI.
5) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

### Piezas de repuesto principales

| Tamaño de plaquita □ | iC | Tornillo de la placa de apoyo | Placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo | Llave (Torx Plus) |
|---|---|---|---|---|---|---|
| 09 | 3/8 | 5513 020-04 | 5322 426-01 | 5680 051-03 (9IP) | 5412 028-011 | 5680 051-03 (9IP) |
| 12 | 1/2 | 5513 020-02 | 5322 425-01 | 5680 049-01 (15IP) | 5412 028-021[1] | 5680 049-01 (15IP) |
| 15 | 5/8 | 5513 020-07 | 5322 425-03 | 5680 043-14 (20IP) | 5412 028-031[1] | 5680 043-14 (20IP) |
| 19 | 3/4 | 5513 020-07 | 5322 425-04 | 5680 043-14 (20IP) | 5412 028-041 | 5680 043-14 (20IP) |
| 25 | 1 | 5513 020-08 | 5322 425-07 | 5680 043-15 (25IP) | 5412 028-051 | 5680 043-15 (25IP) |

1) Amarre opcional, para modificar los mangos CoroTurn® RC para otras plaquitas, véase la página A353

A9
A106
A353
G6
A2
J2



SANDVIK Coromant

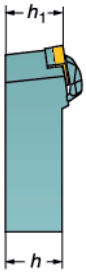
# Herramientas con mango

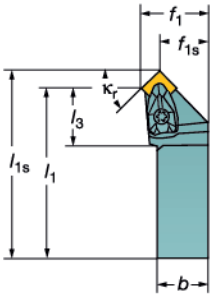
**CoroTurn® RC diseño de sujeción rígida**

**DSSNR/L**

Ángulo de posición: $\kappa_r$ 45°
Ángulo de ataque: 45°

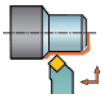
SNMM
SNMG
SNMA, SNGA



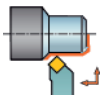




A la derecha en la ilustración a menos que se indique lo contrario

## Versión métrica

| Aplicación principal | □ | Código de pedido | Dimensiones, mm b | $f_1$ | $f_{1s}$ | h | $h_1$ | $l_1$ | $l_3$ | $l_{1s}$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 09 | **DSSNR/L 1616H 09** | 16 | 20 | 13.9 | 16 | 16 | 100 | 21.3 | 106.1 | -8° | 0° | SNMG 09 03 08 | 1.7 |
| | | **DSSNR/L 2020K 09** | 20 | 25 | 18.9 | 20 | 20 | 125 | 21.3 | 131.1 | -8° | 0° | SNMG 09 03 08 | 1.7 |
| | | **DSSNR/L 2525M 09** | 25 | 32 | 25.9 | 25 | 25 | 150 | 21.3 | 156.1 | -8° | 0° | SNMG 09 03 08 | 1.7 |
| | 12 | **DSSNR/L 2020K 12** | 20 | 25 | 16.7 | 20 | 20 | 125 | 27.5 | 133.3 | -8° | 0° | SNMG 12 04 08 | 3.9 |
| | | **DSSNR/L 2525M 12** | 25 | 32 | 23.7 | 25 | 25 | 150 | 27.5 | 158.3 | -8° | 0° | SNMG 12 04 08 | 3.9 |
| | | **DSSNR/L 3225P 12** | 25 | 32 | 23.7 | 32 | 32 | 170 | 28.8 | 178.3 | -8° | 0° | SNMG 12 04 08 | 3.9 |
| | | **DSSNR/L 3232P 12** | 32 | 40 | 31.7 | 32 | 32 | 170 | 27.4 | 178.3 | -8° | 0° | SNMG 12 04 08 | 3.9 |
| | 15 | **DSSNR/L 2525M 15** | 25 | 32 | 21.8 | 25 | 25 | 150 | 32 | 160.2 | -8° | 0° | SNMG 15 06 12 | 6.4 |
| | | **DSSNR/L 3225P 15** | 25 | 32 | 21.8 | 32 | 32 | 170 | 34.9 | 180.2 | -8° | 0° | SNMG 15 06 12 | 6.4 |
| | | **DSSNR/L 3232P 15** | 32 | 40 | 29.8 | 32 | 32 | 170 | 34.9 | 180.2 | -8° | 0° | SNMG 15 06 12 | 6.4 |
| | 19 | **DSSNR/L 3232P 19** | 32 | 40 | 27.5 | 32 | 32 | 170 | 37 | 182.5 | -8° | 0° | SNMG 19 06 12 | 6.4 |
| | | **DSSNR/L 4040S 19** | 40 | 50 | 37.5 | 40 | 40 | 250 | 37.7 | 262.5 | -8° | 0° | SNMG 19 06 12 | 6.4 |
| | 25 | **DSSNR/L 4040S 25** | 40 | 50 | 34.0 | 40 | 40 | 250 | 41.1 | 266.0 | -8° | 0° | SNMG 25 07 24 | 9.5 |

## Versión en pulgadas

| Aplicación principal | iC | Código de pedido | Dimensiones, pulgadas b | $f_1$ | $f_{1s}$ | h | $h_1$ | $l_1$ | $l_{1s}$ | $l_3$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 3/8 | **DSSNR/L 10 3B** | .625 | .875 | .630 | .625 | .625 | 4.500 | 4.740 | .890 | -8° | 0° | SNMG 322 | 1.3 |
| | | **DSSNR/L 12 3B** | .750 | 1.000 | .770 | .750 | .750 | 4.500 | 4.740 | .890 | -8° | 0° | SNMG 322 | 1.3 |
| | | **DSSNR/L 16 3D** | 1.000 | 1.250 | 1.010 | 1.000 | 1.000 | 6.000 | 6.240 | .840 | -8° | 0° | SNMG 322 | 1.3 |
| | 1/2 | **DSSNR/L 12 4B** | .750 | 1.000 | .740 | .750 | .750 | 4.500 | 4.880 | 1.130 | -8° | 0° | SNMG 432 | 2.9 |
| | | **DSSNR/L 16 4D** | 1.000 | 1.250 | .925 | 1.000 | 1.000 | 6.000 | 6.327 | 1.172 | -8° | 0° | SNMG 432 | 2.9 |
| | | **DSSNR/L 85 4D** | 1.000 | 1.250 | .921 | 1.250 | 1.250 | 6.000 | 6.327 | 1.075 | -8° | 0° | SNMG 432 | 2.9 |
| | 5/8 | **DSSNR/L 16 5D** | 1.000 | 1.250 | .846 | 1.000 | 1.000 | 6.000 | 6.402 | 1.303 | -8° | 0° | SNMG 543 | 4.7 |
| | | **DSSNR/L 20 5D** | 1.250 | 1.500 | 1.098 | 1.250 | 1.250 | 6.000 | 6.413 | 1.303 | -8° | 0° | SNMG 543 | 4.7 |
| | 3/4 | **DSSNR/L 20 6D** | 1.250 | 1.500 | 1.008 | 1.250 | 1.250 | 6.000 | 6.492 | 1.413 | -8° | 0° | SNMG 643 | 4.7 |
| | | **DSSNR/L 24 6E** | 1.500 | 2.000 | 1.508 | 1.500 | 1.500 | 7.000 | 7.492 | 1.484 | -8° | 0° | SNMG 643 | 4.7 |
| | | **DSSNR/L 86 6D** | 1.000 | 1.250 | .760 | 1.500 | 1.500 | 6.000 | 6.492 | 1.413 | -8° | 0° | SNMG 643 | 4.7 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita □ | iC | Tornillo de la placa de apoyo | Placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo | Llave (Torx Plus) |
|---|---|---|---|---|---|---|
| 09 | 3/8 | 5513 020-04 | 5322 426-01 | 5680 051-03 (9IP) | 5412 028-011 | 5680 051-03 (9IP) |
| 12 | 1/2 | 5513 020-02 | 5322 425-01 | 5680 049-01 (15IP) | 5412 028-021[1)] | 5680 049-01 (15IP) |
| 15 | 5/8 | 5513 020-07 | 5322 425-03 | 5680 043-14 (20IP) | 5412 028-031[1)] | 5680 043-14 (20IP) |
| 19 | 3/4 | 5513 020-07 | 5322 425-04 | 5680 043-14 (20IP) | 5412 028-041 | 5680 043-14 (20IP) |
| 25 | 1 | 5513 020-08 | 5322 425-07 | 5680 043-15 (25IP) | 5412 028-051 | 5680 043-15 (25IP) |

1) Amarre opcional, para modificar los mangos CoroTurn® RC para otras plaquitas, véase la página A353

A9
A106
A353
G6
A2
J2

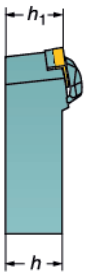
# Herramientas con mango

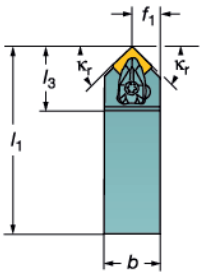
**CoroTurn® RC diseño de sujeción rígida**

**DSDNN**

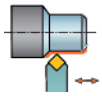
Ángulo de posición: $\kappa_r$ 45°
Ángulo de ataque: 45°

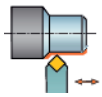
SNMM
SNMG
SNMA, SNGA




Dibujo tipo neutro

| Aplicación principal | □ | Código de pedido | Dimensiones, mm b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 09 | **DSDNN 1616H 09** | 16 | 8.3 | 16 | 16 | 100 | 28.1 | -6° | -6° | SNMG 09 03 08 | 1.7 |
| | 12 | **DSDNN 2020K 12** | 20 | 10.3 | 20 | 20 | 125 | 36.5 | -6° | -6° | SNMG 12 04 08 | 3.9 |
| | | **DSDNN 2525M 12** | 25 | 12.8 | 25 | 25 | 150 | 36.5 | -6° | -6° | SNMG 12 04 08 | 3.9 |
| | | **DSDNN 3225P 12** | 25 | 12.8 | 32 | 32 | 170 | 36.5 | -6° | -6° | SNMG 12 04 08 | 3.9 |
| | | **DSDNN 3232P 12** | 32 | 16.3 | 32 | 32 | 170 | 36.8 | -6° | -6° | SNMG 12 04 08 | 3.9 |
| | 15 | **DSDNN 2525M 15** | 25 | 12.8 | 25 | 25 | 150 | 44.8 | -6° | -6° | SNMG 15 06 12 | 6.4 |
| | 19 | **DSDNN 3225P 19** | 25 | 13 | 32 | 32 | 170 | 49.5 | -6° | -6° | SNMG 19 06 12 | 6.4 |
| | | **DSDNN 3232P 19** | 32 | 16.5 | 32 | 32 | 170 | 49.5 | -6° | -6° | SNMG 19 06 12 | 6.4 |
| | 25 | **DSDNN 4040S 25** | 40 | 21 | 40 | 40 | 250 | 57.2 | -6° | -6° | SNMG 25 07 24 | 9.5 |

| Aplicación principal | *iC* | Código de pedido | Dimensiones, pulgadas b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 3/8 | **DSDNN 10 3A** | .625 | .330 | .625 | .625 | 4.000 | 1.110 | -6° | -6° | SNMG 322 | 1.3 |
| | 1/2 | **DSDNN 12 4B** | .750 | .386 | .750 | .750 | 4.500 | 1.450 | -6° | -6° | SNMG 432 | 2.9 |
| | | **DSDNN 16 4D** | 1.000 | .512 | 1.000 | 1.000 | 6.000 | 1.450 | -6° | -6° | SNMG 432 | 2.9 |
| | | **DSDNN 20 4D** | 1.250 | .638 | 1.250 | 1.250 | 6.000 | 1.450 | -6° | -6° | SNMG 432 | 2.9 |
| | | **DSDNN 24 4D** | 1.500 | .764 | 1.500 | 1.500 | 6.000 | 1.450 | -6° | -6° | SNMG 432 | 2.9 |
| | | **DSDNN 85 4D** | 1.000 | .512 | 1.250 | 1.250 | 6.000 | 1.450 | -6° | -6° | SNMG 432 | 2.1 |
| | 5/8 | **DSDNN 16 5D** | 1.000 | .520 | 1.000 | 1.000 | 6.000 | 1.760 | -6° | -6° | SNMG 543 | 4.7 |
| | | **DSDNN 20 5D** | 1.250 | .646 | 1.250 | 1.250 | 6.000 | 1.760 | -6° | -6° | SNMG 543 | 4.7 |
| | | **DSDNN 24 5D** | 1.500 | .772 | 1.500 | 1.500 | 6.000 | 1.760 | -6° | -6° | SNMG 543 | 4.7 |
| | 3/4 | **DSDNN 20 6D** | 1.250 | .646 | 1.250 | 1.250 | 6.000 | 1.970 | -6° | -6° | SNMG 643 | 4.7 |
| | | **DSDNN 85 6D** | 1.000 | .520 | 1.250 | 1.250 | 6.000 | 1.970 | -6° | -6° | SNMG 643 | 4.7 |
| | 1 | **DSDNN 24 8D** | 1.500 | .791 | 1.500 | 1.500 | 6.000 | 2.260 | -6° | -6° | SNMG 856 | 7.0 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

N = Neutro

## Piezas de repuesto principales

| Tamaño de plaquita □ | *iC* | Tornillo de la placa de apoyo | Placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo | Llave (Torx Plus) |
|---|---|---|---|---|---|---|
| 09 | 3/8 | 5513 020-04 | 5322 426-01 | 5680 051-03 (9IP) | 5412 028-011 | 5680 051-03 (9IP) |
| 12 | 1/2 | 5513 020-02 | 5322 425-01 | 5680 049-01 (15IP) | 5412 028-021[1)] | 5680 049-01 (15IP) |
| 15 | 5/8 | 5513 020-07 | 5322 425-03 | 5680 043-14 (20IP) | 5412 028-031[1)] | 5680 043-14 (20IP) |
| 19 | 3/4 | 5513 020-07 | 5322 425-04 | 5680 043-14 (20IP) | 5412 028-041 | 5680 043-14 (20IP) |
| 25 | 1 | 5513 020-08 | 5322 425-07 | 5680 043-15 (25IP) | 5412 028-051 | 5680 043-15 (25IP) |

1) Amarre opcional, para modificar los mangos CoroTurn® RC para otras plaquitas, véase la página A353

A9
A106
A353
G6
A2
J2



SANDVIK Coromant

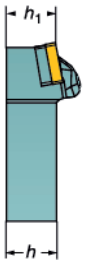
# Herramientas con mango

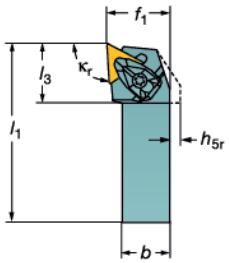
**CoroTurn® RC diseño de sujeción rígida**

**DTJNR/L**

Ángulo de posición: $\kappa_r$ 93°
Ángulo de ataque: -3°

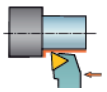
TNMM, TNMX
TNMG
TNMA, TNGA



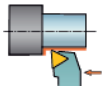




A la derecha en la ilustración a menos que se indique lo contrario

## Versión métrica

| Aplicación principal | △ | Código de pedido | Dimensiones, mm $b$ | $f_1$ | $h$ | $h_1$ | $h_{5r}$ | $l_1$ | $l_3$ | $\gamma$ 1) | $\lambda s$ 2) | Plaquitas calibradoras | Nm 3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 16 | **DTJNR/L 1616H 16** | 16 | 20 | 16 | 16 | 1 | 100 | 24.9 | -6° | -6° | TNMG 16 04 08 | 1.7 |
| | | **DTJNR/L 2020K 16** | 20 | 25 | 20 | 20 | | 125 | 24.9 | -6° | -6° | TNMG 16 04 08 | 1.7 |
| | | **DTJNR/L 2525M 16** | 25 | 32 | 25 | 25 | | 150 | 24.9 | -6° | -6° | TNMG 16 04 08 | 1.7 |
| | | **DTJNR/L 3225P 16** | 25 | 32 | 32 | 32 | | 170 | 25.3 | -6° | -6° | TNMG 16 04 08 | 1.7 |
| | 22 | **DTJNR/L 2525M 22** | 25 | 32 | 25 | 25 | | 150 | 32.6 | -6° | -6° | TNMG 22 04 08 | 3.9 |
| | | **DTJNR/L 3225P 22** | 25 | 32 | 32 | 32 | | 170 | 32.6 | -6° | -6° | TNMG 22 04 08 | 3.9 |
| | | **DTJNR/L 3232P 22** | 32 | 40 | 32 | 32 | | 170 | 32.6 | -6° | -6° | TNMG 22 04 08 | 3.9 |
| | 27 | **DTJNR/L 3232P 27** | 32 | 40 | 32 | 32 | | 170 | 49.8 | -6° | -6° | TNMG 27 06 12 | 6.4 |
| | | **DTJNR/L 4040S 27** | 40 | 50 | 40 | 40 | | 250 | 38.4 | -6° | -6° | TNMG 27 06 12 | 6.4 |

## Versión en pulgadas

| Aplicación principal | $iC$ | Código de pedido | Dimensiones, pulgadas $b$ | $f_1$ | $h$ | $h_1$ | $l_1$ | $l_3$ | $\gamma$ 1) | $\lambda s$ 2) | Plaquitas calibradoras | p-lbs 4) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 3/8 | **DTJNR/L 12 3B** | .750 | 1.000 | .750 | .750 | 4.500 | .953 | -6° | -6° | TNMG 332 | 1.3 |
| | | **DTJNR/L 16 3D** | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | .980 | -6° | -6° | TNMG 332 | 1.3 |
| | | **DTJNR/L 20 3D** | 1.250 | 1.500 | 1.250 | 1.250 | 6.000 | .980 | -6° | -6° | TNMG 332 | 1.3 |
| | 1/2 | **DTJNR/L 16 4D** | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | 1.283 | -6° | -6° | TNMG 432 | 2.9 |
| | | **DTJNR/L 20 4D** | 1.250 | 1.500 | 1.250 | 1.250 | 6.000 | 1.283 | -6° | -6° | TNMG 432 | 2.9 |
| | | **DTJNR/L 85 4D** | 1.000 | 1.250 | 1.250 | 1.200 | 6.000 | 1.283 | -6° | -6° | TNMG 432 | 2.9 |
| | 5/8 | **DTJNR/L 20 5D** | 1.250 | 1.500 | 1.250 | 1.250 | 6.000 | 1.570 | -6° | -6° | TNMG 543 | 4.7 |
| | | **DTJNR/L 24 5D** | 1.500 | 2.000 | 1.500 | 1.500 | 6.000 | 1.520 | -6° | -6° | TNMG 543 | 4.7 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita △ | $iC$ | Tamaño de mango mm | Tornillo de la placa de apoyo | Placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo | Llave (Torx Plus) |
|---|---|---|---|---|---|---|---|
| 16 | 3/8 | 1616 | 5513 020-04 | 5322 316-01 | 5680 051-03 (9IP) | 5412 028-011 | 5680 051-03 (9IP) |
| 16 | 3/8 | | 5513 020-04 | 5322 315-02 | 5680 051-03 (9IP) | 5412 028-011 | 5680 051-03 (9IP) |
| 22 | 1/2 | | 5513 020-02 | 5322 315-04 | 5680 049-01 (15IP) | 5412 028-021 1) | 5680 049-01 (15IP) |
| 27 | 5/8 | | 5513 020-07 | 5322 315-05 | 5680 043-14 (20IP) | 5412 028-031 1) | 5680 043-14 (20IP) |

1) Amarre opcional, para modificar los mangos CoroTurn® RC para otras plaquitas, véase la página A353

A9
A107
A353
G6
A2
J2

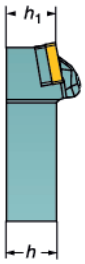
# Herramientas con mango

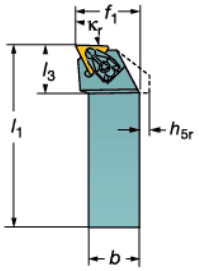
**CoroTurn® RC diseño de sujeción rígida**

**DTFNR/L**

Ángulo de posición: $\kappa_r$ 91°
Ángulo de ataque: -1°

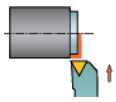
TNMM, TNMX
TNMG
TNMA, TNGA



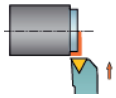




A la derecha en la ilustración a menos que se indique lo contrario

## Versión métrica

| Aplicación principal | △ | Código de pedido | Dimensiones, mm b | $f_1$ | $h$ | $h_1$ | $h_{5r}$ | $l_1$ | $l_3$ | $\gamma$1) | $\lambda s$2) | Plaquitas calibradoras | Nm3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 16 | **DTFNR/L 1616H 16** | 16 | 20 | 16 | 16 | 2 | 100 | 24 | -6° | -6° | TNMG 16 04 08 | 1.7 |
| | | **DTFNR/L 2020K 16** | 20 | 25 | 20 | 20 | | 125 | 23.6 | -6° | -6° | TNMG 16 04 08 | 1.7 |
| | | **DTFNR/L 2525M 16** | 25 | 32 | 25 | 25 | | 150 | 23.6 | -6° | -6° | TNMG 16 04 08 | 1.7 |
| | | **DTFNR/L 3225P 16** | 25 | 32 | 32 | 32 | | 170 | 24.1 | -6° | -6° | TNMG 16 04 08 | 1.7 |
| | 22 | **DTFNR/L 2525M 22** | 25 | 32 | 25 | 25 | | 150 | 30.5 | -6° | -6° | TNMG 22 04 08 | 3.9 |
| | | **DTFNR/L 3225P 22** | 25 | 32 | 32 | 32 | | 170 | 31.1 | -6° | -6° | TNMG 22 04 08 | 3.9 |
| | | **DTFNR/L 3232P 22** | 32 | 40 | 32 | 32 | | 170 | 31.1 | -6° | -6° | TNMG 22 04 08 | 3.9 |
| | 27 | **DTFNR/L 3232P 27** | 32 | 40 | 32 | 32 | | 170 | 38.1 | -6° | -6° | TNMG 27 06 12 | 6.4 |
| | | **DTFNR/L 4040S 27** | 40 | 50 | 40 | 40 | | 250 | 37.4 | -6° | -6° | TNMG 27 06 12 | 6.4 |
| | 33 | **DTFNR/L 4040S 33** | 40 | 50 | 40 | 40 | | 250 | 41.4 | -6° | -6° | TNMG 33 07 12 | 6.4 |

## Versión en pulgadas

| Aplicación principal | $iC$ | Código de pedido | Dimensiones, pulgadas b | $f_1$ | $h$ | $h_1$ | $l_1$ | $l_3$ | $\gamma$1) | $\lambda s$2) | Plaquitas calibradoras | p-lbs4) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 3/8 | **DTFNR/L 10 3A** | .625 | .875 | .625 | .625 | 4.000 | .933 | -6° | -6° | TNMG 332 | 1.3 |
| | | **DTFNR/L 12 3B** | .750 | 1.000 | .750 | .750 | 4.500 | .933 | -6° | -6° | TNMG 332 | 1.3 |
| | | **DTFNR/L 16 3D** | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | 1.000 | -6° | -6° | TNMG 332 | 1.3 |
| | 1/2 | **DTFNR/L 16 4D** | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | 1.228 | -6° | -6° | TNMG 432 | 2.9 |
| | | **DTFNR/L 20 4D** | 1.250 | 1.500 | 1.250 | 1.250 | 6.000 | 1.228 | -6° | -6° | TNMG 432 | 2.9 |
| | | **DTFNR/L 24 4D** | 1.500 | 2.000 | 1.500 | 1.500 | 6.000 | 1.210 | -6° | -6° | TNMG 432 | 2.9 |
| | | **DTFNR/L 85 4D** | 1.000 | 1.250 | 1.250 | 1.250 | 6.000 | 1.228 | -6° | -6° | TNMG 432 | 2.9 |
| | 5/8 | **DTFNR/L 20 5D** | 1.250 | 1.500 | 1.250 | 1.250 | 6.000 | 1.500 | -6° | -6° | TNMG 543 | 4.7 |
| | | **DTFNR/L 24 5D** | 1.500 | 2.000 | 1.500 | 1.500 | 6.000 | 1.470 | -6° | -6° | TNMG 543 | 4.7 |
| | 3/4 | **DTFNR/L 24 6D** | 1.500 | 2.000 | 1.500 | 1.500 | 6.000 | 1.630 | -6° | -6° | TNMG 653 | 4.7 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita △ | $iC$ | Tamaño de mango mm | pulgada | Tornillo de la placa de apoyo | Placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo | Llave (Torx Plus) |
|---|---|---|---|---|---|---|---|---|
| 16 | 3/8 | 1616 | 103A | 5513 020-04 | 5322 316-01 | 5680 051-03 (9IP) | 5412 028-011 | 5680 051-03 (9IP) |
| 16 | 3/8 | | | 5513 020-04 | 5322 315-02 | 5680 051-03 (9IP) | 5412 028-011 | 5680 051-03 (9IP) |
| 22 | 1/2 | | | 5513 020-02 | 5322 315-04 | 5680 049-01 (15IP) | 5412 028-021[1] | 5680 049-01 (15IP) |
| 27 | 5/8 | | | 5513 020-07 | 5322 315-05 | 5680 043-14 (20IP) | 5412 028-031[1] | 5680 043-14 (20IP) |
| 33 | 3/4 | | | 5513 020-07 | 5322 315-06 | 5680 043-14 (20IP) | 5412 028-041 | 5680 043-14 (20IP) |

1) Amarre opcional, para modificar los mangos CoroTurn® RC para otras plaquitas, véase la página A353

A9
A107
A353
G6
A2
J2



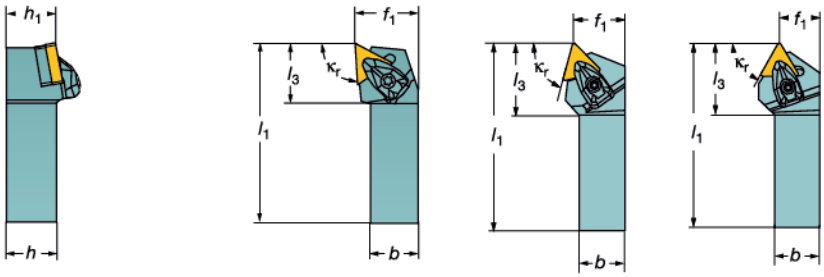
SANDVIK Coromant

# Herramientas con mango

**CoroTurn® RC diseño de sujeción rígida**

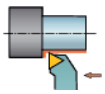
| | DTGNR/L | DTRNR/L | DTTNR/L |
|---|---|---|---|
| Ángulo de posición: | $\kappa_r$ 91° | $\kappa_r$ 75° | $\kappa_r$ 60° |
| Ángulo de ataque: | -1° | 15° | 30° |

TNMM, TNMX
TNMG
TNMA, TNGA

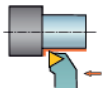
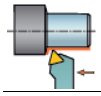
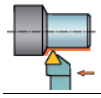



## Versión métrica

A la derecha en la ilustración a menos que se indique lo contrario

| Aplicación principal | △ | Código de pedido | Dimensiones, mm b | f1 | h | h1 | l1 | l3 | γ1) | λs2) | Plaquitas calibradoras | Nm3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 16 | DTGNR/L 1616H 16 | 16 | 20 | 16 | 16 | 100 | 25.4 | -6° | -6° | TNMG 16 04 08 | 1.7 |
| | | DTGNR/L 2020K 16 | 20 | 25 | 20 | 20 | 125 | 25.4 | -6° | -6° | TNMG 16 04 08 | 1.7 |
| | | DTGNR/L 2525M 16 | 25 | 32 | 25 | 25 | 150 | 24.6 | -6° | -6° | TNMG 16 04 08 | 1.7 |
| | | DTGNR/L 3225P 16 | 25 | 32 | 32 | 32 | 170 | 25.3 | -6° | -6° | TNMG 16 04 08 | 1.7 |
| | 22 | DTGNR/L 2525M 22 | 25 | 32 | 25 | 25 | 150 | 32.1 | -6° | -6° | TNMG 22 04 08 | 3.9 |
| | | DTGNR/L 3225P 22 | 25 | 32 | 32 | 32 | 170 | 33.1 | -6° | -6° | TNMG 22 04 08 | 3.9 |
| | | DTGNR/L 3232P 22 | 32 | 40 | 32 | 32 | 170 | 33.1 | -6° | -6° | TNMG 22 04 08 | 3.9 |
| | 27 | DTGNR/L 3232P 27 | 32 | 40 | 32 | 32 | 170 | 40.6 | -6° | -6° | TNMG 27 06 12 | 6.4 |
| | | DTGNR/L 4040S 27 | 40 | 50 | 40 | 40 | 250 | 39.3 | -6° | -6° | TNMG 27 06 12 | 6.4 |
| | 16 | DTTNR/L 1616H 16 | 16 | 13 | 16 | 16 | 100 | 30.3 | -6° | -6° | TNMG 16 04 08 | 1.7 |
| | | DTTNR/L 2020K 16 | 20 | 17 | 20 | 20 | 125 | 30.2 | -6° | -6° | TNMG 16 04 08 | 1.7 |
| | 22 | DTTNR/L 2525M 22 | 25 | 22 | 25 | 25 | 150 | 39.6 | -6° | -6° | TNMG 22 04 08 | 3.9 |
| | | DTTNR/L 3225P 22 | 25 | 22 | 32 | 32 | 170 | 39.6 | -6° | -6° | TNMG 22 04 08 | 3.9 |

## Versión en pulgadas

| Aplicación principal | iC | Código de pedido | Dimensiones, pulgadas b | f1 | h | h1 | l1 | l3 | γ1) | λs2) | Plaquitas calibradoras | p-lbs4) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 3/8 | DTGNR/L 10 3A | .625 | .875 | .625 | .625 | 4.000 | .970 | -6° | -6° | TNMG 332 | 1.3 |
| | | DTGNR/L 12 3B | .750 | 1.000 | .750 | .750 | 4.500 | .970 | -6° | -6° | TNMG 332 | 1.3 |
| | | DTGNR/L 16 3D | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | .970 | -6° | -6° | TNMG 332 | 1.3 |
| | | DTGNR/L 85 3D | 1.000 | 1.250 | 1.250 | 1.250 | 6.000 | 1.000 | -6° | -6° | TNMG 332 | 1.3 |
| | 1/2 | DTGNR/L 16 4D | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | 1.260 | -6° | -6° | TNMG 432 | 2.9 |
| | | DTGNR/L 20 4D | 1.250 | 1.500 | 1.250 | 1.250 | 6.000 | 1.310 | -6° | -6° | TNMG 432 | 2.9 |
| | | DTGNR/L 85 4D | 1.000 | 1.250 | 1.250 | 1.250 | 6.000 | 1.310 | -6° | -6° | TNMG 432 | 2.9 |
| | 5/8 | DTGNR/L 20 5D | 1.250 | 1.500 | 1.250 | 1.250 | 6.000 | 1.590 | -6° | -6° | TNMG 543 | 4.7 |
| | | DTGNR/L 24 5D | 1.500 | 2.000 | 1.500 | 1.500 | 6.000 | 1.550 | -6° | -6° | TNMG 543 | 4.7 |
| | 3/4 | DTGNR/L 24 6D | 1.500 | 2.000 | 1.500 | 1.500 | 6.000 | 1.740 | -6° | -6° | TNMG 653 | 4.7 |
|  | 3/8 | DTRNR/L 12 3B | .750 | .854 | .750 | .750 | 4.500 | 1.122 | -6° | -6° | TNMG 332 | 1.3 |
| | | DTRNR/L 16 3D | 1.000 | 1.047 | 1.000 | 1.000 | 6.000 | 1.122 | -6° | -6° | TNMG 332 | 1.3 |
| | 1/2 | DTRNR/L 16 4D | 1.000 | 1.047 | 1.000 | 1.000 | 6.000 | 1.472 | -6° | -6° | TNMG 432 | 2.9 |
|  | 3/8 | DTTNR/L 10 3B | .625 | .590 | .625 | .625 | 4.500 | 1.190 | -6° | -6° | TNMG 332 | 1.3 |
| | | DTTNR/L 12 3B | .750 | .598 | .750 | .750 | 4.500 | 1.190 | -6° | -6° | TNMG 332 | 1.3 |
| | 1/2 | DTTNR/L 16 4D | 1.000 | .791 | 1.000 | 1.000 | 6.000 | 1.560 | -6° | -6° | TNMG 432 | 2.9 |

1) γ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita △ | iC | Tamaño de mango mm | pulgada | Tornillo de la placa de apoyo | Placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo | Llave (Torx Plus) |
|---|---|---|---|---|---|---|---|---|
| 16 | 3/8 | 1616 | 103A | 5513 020-04 | 5322 316-01 | 5680 051-03 (9IP) | 5412 028-011 | 5680 051-03 (9IP) |
| 16 | 3/8 | | | 5513 020-04 | 5322 315-02 | 5680 051-03 (9IP) | 5412 028-011 | 5680 051-03 (9IP) |
| 22 | 1/2 | | | 5513 020-02 | 5322 315-04 | 5680 049-01 (15IP) | 5412 028-021 1) | 5680 049-01 (15IP) |
| 27 | 5/8 | | | 5513 020-07 | 5322 315-05 | 5680 043-14 (20IP) | 5412 028-031 1) | 5680 043-14 (20IP) |
| 33 | 3/4 | | | 5513 020-07 | 5322 315-06 | 5680 043-14 (20IP) | 5412 028-041 | 5680 043-14 (20IP) |

1) Amarre opcional, para modificar los mangos CoroTurn® RC para otras plaquitas, véase la página A353

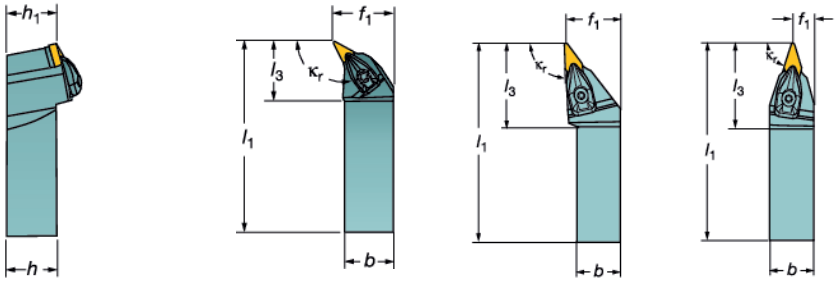
A9
A107
A353
G6
A2
J2

# Herramientas con mango

**CoroTurn® RC diseño de sujeción rígida**

| | DVPNR/L DVTNR/L | DVJNR/L | DVVNN |
|---|---|---|---|
| Ángulo de posición: | $\kappa_r$ 117.5° | $\kappa_r$ 93° | $\kappa_r$ 72.5° |
| Ángulo de ataque: | -27.5° | -3° | 17.5° |

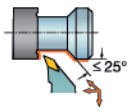
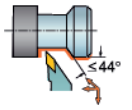
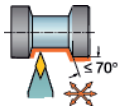
VNMG
VNGP



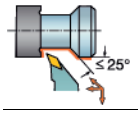
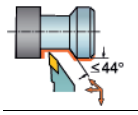
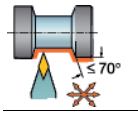

A la derecha en la ilustración a menos que se indique lo contrario

Neutro

## Versión métrica

| Aplicación principal | | Código de pedido | Dimensiones, mm b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras | $Nm^{3)}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 16 | DVPNR/L 2525M 16 | 25 | 32 | 25 | 25 | 150 | 39.2 | -4° | -13° | VNMG 16 04 08 | 3.0 |
| | | DVPNR/L 3225P 16 | 25 | 32 | 32 | 32 | 170 | 39.2 | -4° | -13° | VNMG 16 04 08 | 3.0 |
| | | DVPNR/L 3232P 16 | 32 | 40 | 32 | 32 | 170 | 39.2 | -4° | -13° | VNMG 16 04 08 | 3.0 |
| | | DVPNR/L 4040S 16 | 40 | 50 | 40 | 40 | 250 | 39.2 | -4° | -13° | VNMG 16 04 08 | 3.0 |
| | | | | | | | | | | | | |
|  | 16 | DVJNR/L 2020K 16 | 20 | 25 | 20 | 20 | 125 | 46.6 | -4° | -13° | VNMG 16 04 08 | 3.0 |
| | | DVJNR/L 2525M 16 | 25 | 32 | 25 | 25 | 150 | 46.6 | -4° | -13° | VNMG 16 04 08 | 3.0 |
| | | DVJNR/L 3225P 16 | 25 | 32 | 32 | 32 | 170 | 46.6 | -4° | -13° | VNMG 16 04 08 | 3.0 |
| | | DVJNR/L 3232P 16 | 32 | 40 | 32 | 32 | 170 | 46.6 | -4° | -13° | VNMG 16 04 08 | 3.0 |
| | | DVJNR/L 4040S 16 | 40 | 50 | 40 | 40 | 250 | 46.6 | -4° | -13° | VNMG 16 04 08 | 3.0 |
|  | 16 | DVVNN 2020K 16 | 20 | 10.6 | 20 | 20 | 125 | 47.8 | -4° | -13° | VNMG 16 04 08 | 3.0 |
| | | DVVNN 2525M 16 | 25 | 13.1 | 25 | 25 | 150 | 47.8 | -4° | -13° | VNMG 16 04 08 | 3.0 |
| | | DVVNN 3225P 16 | 25 | 13.1 | 32 | 32 | 170 | 47.8 | -4° | -13° | VNMG 16 04 08 | 3.0 |
| | | DVVNN 3232P 16 | 32 | 16.6 | 32 | 32 | 170 | 47.8 | -4° | -13° | VNMG 16 04 08 | 3.0 |
| | | DVVNN 4040S 16 | 40 | 20.6 | 40 | 40 | 250 | 47.8 | -4° | -13° | VNMG 16 04 08 | 3.0 |

## Versión en pulgadas

| Aplicación principal | *iC* | Código de pedido | Dimensiones, pulgadas b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras | $p\text{-}lbs^{4)}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 3/8 | DVTNR/L 16 3D | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | 1.540 | -4° | -13° | VNMG 332 | 2.2 |
| | | DVTNR/L 20 3D | 1.250 | 1.500 | 1.250 | 1.250 | 6.000 | 1.540 | -4° | -13° | VNMG 332 | 2.2 |
| | | DVTNR/L 24 3D | 1.500 | 2.000 | 1.500 | 1.500 | 6.000 | 1.520 | -4° | -13° | VNMG 332 | 2.2 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
|  | 3/8 | DVJNR/L 12 3B | .750 | 1.000 | .750 | .750 | 4.500 | 1.830 | -4° | -13° | VNMG 332 | 2.2 |
| | | DVJNR/L 16 3D | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | 1.830 | -4° | -13° | VNMG 332 | 2.2 |
| | | DVJNR/L 20 3D | 1.250 | 1.500 | 1.250 | 1.250 | 6.000 | 1.830 | -4° | -13° | VNMG 332 | 2.2 |
| | | DVJNR/L 24 3D | 1.500 | 2.000 | 1.500 | 1.500 | 6.000 | 1.830 | -4° | -13° | VNMG 332 | 2.2 |
| | | | | | | | | | | | | |
|  | 3/8 | DVVNN 12 3B | .750 | .398 | .750 | .750 | 4.500 | 1.880 | -4° | -13° | VNMG 332 | 2.2 |
| | | DVVNN 16 3D | 1.000 | .524 | 1.000 | 1.000 | 6.000 | 1.880 | -4° | -13° | VNMG 332 | 2.2 |
| | | DVVNN 20 3D | 1.250 | .650 | 1.250 | 1.250 | 6.000 | 1.880 | -4° | -13° | VNMG 332 | 2.2 |
| | | DVVNN 24 3D | 1.500 | .770 | 1.500 | 1.500 | 6.000 | 1.880 | -4° | -13° | VNMG 332 | 2.2 |
| | | | | | | | | | | | | |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda
N = Neutro

## Piezas de repuesto principales

| Tamaño de plaquita | | Tornillo de la placa de apoyo | Placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo | Llave (Torx Plus) |
|---|---|---|---|---|---|---|
| | *iC* | | | | | |
| 16 | 3/8 | 5513 020-09 | 5322 269-01 | 5680 049-01 (15IP) | 5412 028-061 | 5680 049-01 (15IP) |

A9
A108
A353
G6
A2
J2



SANDVIK Coromant

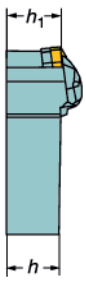
# Herramientas con mango

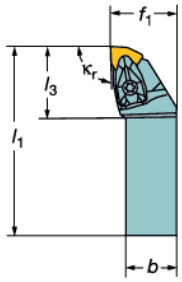
**CoroTurn® RC diseño de sujeción rígida**

**DWLNR/L**

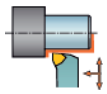
Ángulo de posición: $\kappa_r$ 95°
Ángulo de ataque: -5°

WNMM,
WNMG
WNGA, WNMA

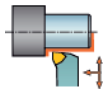



A la derecha en la ilustración a menos que se indique lo contrario

| Aplicación principal | | Código de pedido | Dimensiones, mm b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 06 | **DWLNR/L 1616H 06** | 16 | 20 | 16 | 16 | 100 | 26.4 | -6° | -6° | WNMG 06 04 08 | 1.7 |
| | | **DWLNR/L 2020K 06** | 20 | 25 | 20 | 20 | 125 | 27.1 | -6° | -6° | WNMG 06 04 08 | 1.7 |
| | | **DWLNR/L 2525M 06** | 25 | 32 | 25 | 25 | 150 | 27.1 | -6° | -6° | WNMG 06 04 08 | 1.7 |
| | | **DWLNR/L 3225P 06** | 25 | 32 | 32 | 32 | 170 | 27.1 | -6° | -6° | WNMG 06 04 08 | 1.7 |
| | 08 | **DWLNR/L 2020K 08** | 20 | 25 | 20 | 20 | 125 | 34.3 | -6° | -6° | WNMG 08 04 08 | 3.9 |
| | | **DWLNR/L 2525M 08** | 25 | 32 | 25 | 25 | 150 | 35 | -6° | -6° | WNMG 08 04 08 | 3.9 |
| | | **DWLNR/L 3225P 08** | 25 | 32 | 32 | 32 | 170 | 35 | -6° | -6° | WNMG 08 04 08 | 3.9 |
| | | **DWLNR/L 3232P 08** | 32 | 40 | 32 | 32 | 170 | 34.3 | -6° | -6° | WNMG 08 04 08 | 3.9 |
| | | **DWLNR/L 4040S 08** | 40 | 50 | 40 | 40 | 250 | 35 | -6° | -6° | WNMG 08 04 08 | 3.9 |

## Versión en pulgadas

| Aplicación principal | *iC* | Código de pedido | Dimensiones, pulgadas b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 3/8 | **DWLNR/L 10 3B** | .625 | .875 | .625 | .625 | 4.500 | 1.070 | -6° | -6° | WNMG 332 | 1.3 |
| | | **DWLNR/L 12 3C** | .750 | 1.000 | .750 | .750 | 5.000 | 1.950 | -6° | -6° | WNMG 332 | 1.3 |
| | | **DWLNR/L 16 3D** | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | 1.950 | -6° | -6° | WNMG 332 | 1.3 |
| | | **DWLNR/L 20 3D** | 1.250 | 1.500 | 1.250 | 1.250 | 6.000 | 1.950 | -6° | -6° | WNMG 332 | 1.3 |
| | | **DWLNR/L 24 3D** | 1.500 | 2.000 | 1.500 | 1.500 | 6.000 | 1.070 | -6° | -6° | WNMG 332 | 1.3 |
| | 1/2 | **DWLNR/L 12 4C** | .750 | 1.000 | .750 | .750 | 5.000 | 1.378 | -6° | -6° | WNMG 432 | 2.9 |
| | | **DWLNR/L 16 4D** | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | 1.350 | -6° | -6° | WNMG 432 | 2.9 |
| | | **DWLNR/L 20 4D** | 1.250 | 1.500 | 1.250 | 1.250 | 6.000 | 1.378 | -6° | -6° | WNMG 432 | 2.9 |
| | | **DWLNR/L 24 4D** | 1.500 | 2.000 | 1.500 | 1.500 | 6.000 | 1.350 | -6° | -6° | WNMG 432 | 2.9 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita | | Tornillo de la placa de apoyo | Placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo | Llave (Torx Plus) |
|---|---|---|---|---|---|---|
| *iC* | | | | | | |
| 06 | 3/8 | 5513 020-04 | 5322 328-01 | 5680 051-03 (9IP) | 5412 028-011 | 5680 051-03 (9IP) |
| 08 | 1/2 | 5513 020-02 | 5322 331-12 | 5680 049-01 (15IP) | 5412 028-021[1)] | 5680 049-01 (15IP) |

1) Amarre opcional, para modificar los mangos CoroTurn® RC para otras plaquitas, véase la página A353

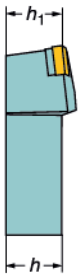
A9
A109
A353
G6
A2
J2

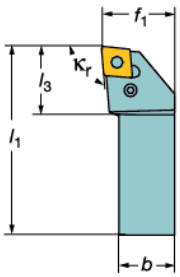
# Herramientas con mango

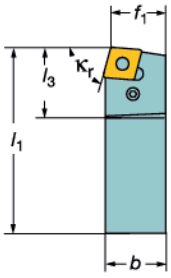
## Diseño de palanca T-Max P

| | PCLNR/L | PCBNR/L |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 95° | $\kappa_r$ 75° |
| Ángulo de ataque: | -5° | 15° |

CNMM, CNGP
CNMG
CNMA, CNGA

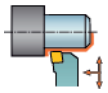
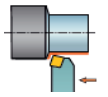



A la derecha en la ilustración a menos que se indique lo contrario

## Versión métrica

| Aplicación principal | □ | iC | Código de pedido | Dimensiones, mm b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma$1) | $\lambda_s$2) | Plaquitas calibradoras |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 09 | 3/8 | **PCLNR/L 1616H 09** | 16 | 20 | 16 | 16 | 100 | 24.2 | -6° | -6° | CNMG 09 03 08 |
| | | | **PCLNR/L 2020K 09** | 20 | 25 | 20 | 20 | 125 | 24.2 | -6° | -6° | CNMG 09 03 08 |
| | | | **PCLNR/L 2525M 09** | 25 | 32 | 25 | 25 | 150 | 24.2 | -6° | -6° | CNMG 09 03 08 |
| | 12 | 1/2 | **PCLNR/L 1616H 12-M** | 16 | 20 | 16 | 16 | 100 | 27.2 | -6° | -6° | CNMG 12 04 08 |
| | | | **PCLNR/L 2020K 12** | 20 | 25 | 20 | 20 | 125 | 27.2 | -6° | -6° | CNMG 12 04 08 |
| | | | **PCLNR/L 2525M 12** | 25 | 32 | 25 | 25 | 150 | 27.2 | -6° | -6° | CNMG 12 04 08 |
| | | | **PCLNR/L 3225P 12** | 25 | 32 | 32 | 32 | 170 | 27.2 | -6° | -6° | CNMG 12 04 08 |
| | 16 | 5/8 | **PCLNR/L 2525M 16** | 25 | 32 | 25 | 25 | 150 | 33.9 | -6° | -6° | CNMG 16 06 12 |
| | | | **PCLNR/L 3225P 16** | 25 | 32 | 32 | 32 | 170 | 33.9 | -6° | -6° | CNMG 16 06 12 |
| | | | **PCLNR/L 3232P 16** | 32 | 40 | 32 | 32 | 170 | 33.9 | -6° | -6° | CNMG 16 06 12 |
| | 19 | 3/4 | **PCLNR/L 2525M 19** | 25 | 32 | 25 | 25 | 150 | 37.9 | -6° | -6° | CNMG 19 06 12 |
| | | | **PCLNR/L 3225P 19** | 25 | 32 | 32 | 32 | 170 | 37.9 | -6° | -6° | CNMG 19 06 12 |
| | | | **PCLNR/L 3232P 19** | 32 | 40 | 32 | 32 | 170 | 37.9 | -6° | -6° | CNMG 19 06 12 |
| | | | **PCLNR/L 4040S 19** | 40 | 50 | 40 | 40 | 250 | 37.9 | -6° | -6° | CNMG 19 06 12 |
| | 25 | 1 | **PCLNR/L 4040S 25** | 40 | 50 | 40 | 40 | 250 | 50 | -6° | -6° | CNMG 25 09 24 |
| | | | **PCLNR/L 5050T 25** | 50 | 60 | 50 | 50 | 300 | 50 | -6° | -6° | CNMG 25 09 24 |
|  | 12 | 1/2 | **PCBNR/L 2525M 12** | 25 | 22 | 25 | 25 | 150 | 26.9 | -6° | -6° | CNMG 12 04 08 |
| | 16 | 5/8 | **PCBNR/L 2525M 16** | 25 | 22 | 25 | 25 | 150 | 33.6 | -6° | -6° | CNMG 16 06 12 |
| | | | **PCBNR/L 3225P 16** | 25 | 22 | 32 | 32 | 170 | 33.6 | -6° | -6° | CNMG 16 06 12 |
| | | | **PCBNR/L 3232P 16** | 32 | 27 | 32 | 32 | 170 | 33.6 | -6° | -6° | CNMG 16 06 12 |
| | 19 | 3/4 | **PCBNR/L 3232P 19** | 32 | 27 | 32 | 32 | 170 | 37.5 | -6° | -6° | CNMG 19 06 12 |
| | | | **PCBNR/L 4040S 19** | 40 | 35 | 40 | 40 | 250 | 37.5 | -6° | -6° | CNMG 19 06 12 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita □ | iC | Palanca | Tornillo | Llave (mm) | Placa de apoyo |
|---|---|---|---|---|---|
| 09 | 3/8 | 174.3-840M | 174.3-820M | 170.3-860 (2.5) | 5322 230-02 |
| 12-M | 1/2[1)] | 174.3-848M | 174.3-858 | 174.1-864 (3.0) | 171.31-850M |
| 12 | 1/2 | 174.3-841M | 174.3-821 | 174.1-864 (3.0) | 171.31-850M |
| 16 | 5/8 | 438.3-840 | 438.3-831 | 174.1-864 (3.0) | 171.31-852 |
| 19 | 3/4 | 174.3-842M | 174.3-822M | 3021 010-040 (4.0) | 171.31-851M |
| 25 | 1 | 174.3-844M | 174.3-827 | 3021 010-050 (5.0) | 5322 230-01 |

1) Para PCLNR/L 1616H12-M

A9
A115
A360
G6
A2
J2



SANDVIK Coromant

# Herramientas con mango

**Diseño de palanca T-Max P**

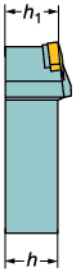
**PDJNR/L**
**R/L 171.35**

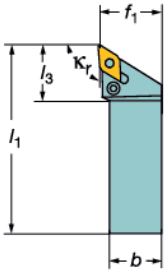
Ángulo de posición: $\kappa_r$ 93°
Ángulo de ataque: -3°

DNMM, DNGP, DNMX

DNMG

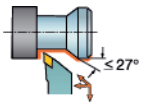
DNMA, DNGA




A la derecha en la ilustración a menos que se indique lo contrario

## Versión métrica

| Aplicación principal | | iC | Código de pedido | Dimensiones, mm b | f1 | h | h1 | l1 | l3 | γ1) | λs2) | Plaquitas calibradoras |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 11 | 3/8 | **PDJNR/L 1616H 11** | 16 | 20 | 16 | 16 | 100 | 29.7 | -6° | -7° | DNMG 11 04 08 |
| | | | **PDJNR/L 2020K 11** | 20 | 25 | 20 | 20 | 125 | 29.7 | -6° | -7° | DNMG 11 04 08 |
| | | | **PDJNR/L 2525M 11** | 25 | 32 | 25 | 25 | 150 | 29.7 | -6° | -7° | DNMG 11 04 08 |
| | | | **PDJNR/L 3225P 11** | 25 | 32 | 32 | 32 | 170 | 29.7 | -6° | -7° | DNMG 11 04 08 |
| | 15 | 1/2 | **PDJNR/L 2020K 15** | 20 | 25 | 20 | 20 | 125 | 36.2 | -6° | -7° | DNMG 15 06 08 |
| | | | **PDJNR/L 2525M 15** | 25 | 32 | 25 | 25 | 150 | 36.2 | -6° | -7° | DNMG 15 06 08 |
| | | | **PDJNR/L 3225P 15** | 25 | 32 | 32 | 32 | 170 | 36.2 | -6° | -7° | DNMG 15 06 08 |
| | | | **PDJNR/L 3232P 15** | 32 | 40 | 32 | 32 | 170 | 36.2 | -6° | -7° | DNMG 15 06 08 |
| | | | **R/L171.35-4025-15** | 25 | 28.7 | 40 | 40 | 200 | 38 | -6° | -7° | DNMG 15 06 08 |
| | | | **R/L171.35-5032-15** | 32 | 35 | 50 | 50 | 225 | 38 | -6° | -7° | DNMG 15 06 08 |

1) γ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita | | | | | |
|---|---|---|---|---|---|
| | iC | Palanca | Tornillo | Llave (mm) | Placa de apoyo |
| 11 | 3/8 | 5432 001-01 | 174.3-820M | 174.1-863 (2.5) | 5322 255-01 |
| 15 | 1/2 | 174.3-847M | 174.3-830 | 174.1-864 (3.0) | 171.35-851M |

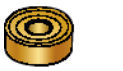
A9 A360 G6 A2 J2

# Herramientas con mango

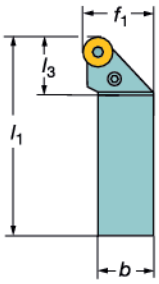
## Diseño de palanca T-Max P

**PRGNR/L** **PRGCR/L** **PRDCN**

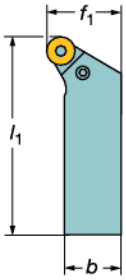
Neg. Pos.

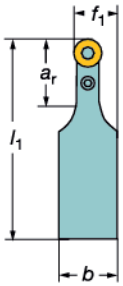


RNMG
RNGA



RCMX
RCMT
RCGX AL

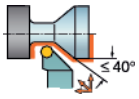
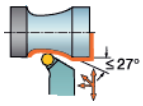
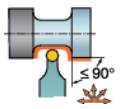



Neutro

A la derecha en la ilustración a menos que se indique lo contrario

## Versión métrica

| Aplicación principal | ○ | Código de pedido | Dimensiones, mm $a_r$ | $b$ | $f_1$ | $h$ | $h_1$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 09 | **PRGNR/L 2020K 09** | | 20 | 25 | 20 | 20 | 125 | 20.8 | -6° | -6° | RNMG 09 03 00 |
| | 12 | **PRGNR/L 2525M 12** | | 25 | 32 | 25 | 25 | 150 | 27.2 | -6° | -6° | RNMG 12 04 00 |
| | 15 | **PRGNR/L 3225P 15** | | 25 | 32 | 32 | 32 | 170 | 33.2 | -6° | -6° | RNMG 15 06 00 |
| | 19 | **PRGNR/L 3232P 19** | | 32 | 40 | 32 | 32 | 170 | 38 | -6° | -6° | RNMG 19 06 00 |
| | 25 | **PRGNR/L 4040S 25** | | 40 | 50 | 40 | 40 | 250 | 41.9 | -6° | -6° | RNMG 25 09 00 |
|  | 10 | **PRGCR/L 2020K 10** | | 20 | 25 | 20 | 20 | 125 | | 0° | 0° | RCMX 10 03 00 |
| | | **PRGCR/L 2525M 10** | | 25 | 32 | 25 | 25 | 150 | | 0° | 0° | RCMX 10 03 00 |
| | 12 | **PRGCR/L 2020K 12** | | 20 | 25 | 20 | 20 | 125 | | 0° | 0° | RCMX 12 04 00 |
| | | **PRGCR/L 2525M 12** | | 25 | 32 | 25 | 25 | 150 | | 0° | 0° | RCMX 12 04 00 |
| | | **PRGCR/L 3225P 12** | | 25 | 32 | 32 | 32 | 170 | | 0° | 0° | RCMX 12 04 00 |
| | 16 | **PRGCR/L 2525M 16** | | 25 | 32 | 25 | 25 | 150 | | 0° | 0° | RCMX 16 06 00 |
| | | **PRGCR/L 3225P 16** | | 25 | 32 | 32 | 32 | 170 | | 0° | 0° | RCMX 16 06 00 |
| | 20 | **PRGCR/L 3232P 20** | | 32 | 40 | 32 | 32 | 170 | | 0° | 0° | RCMX 20 06 00 |
| | 25 | **PRGCR/L 4040S 25** | | 40 | 50 | 40 | 40 | 250 | | 0° | 0° | RCMX 25 07 00 |
| | 32 | **PRGCR/L 5050T 32** | | 50 | 63 | 50 | 50 | 300 | | 0° | 0° | RCMX 32 09 00 |
|  | 10 | **PRDCN 2020K 10** | 25 | 20 | 15 | 20 | 20 | 125 | | 0° | 0° | RCMX 10 03 00 |
| | 12 | **PRDCN 2525M 12** | 28 | 25 | 18.5 | 25 | 25 | 150 | | 0° | 0° | RCMX 12 04 00 |
| | | **PRDCN 3225P 12** | 28 | 25 | 18.5 | 32 | 32 | 170 | | 0° | 0° | RCMX 12 04 00 |
| | 16 | **PRDCN 3225P 16** | 35 | 25 | 20.5 | 32 | 32 | 170 | | 0° | 0° | RCMX 16 06 00 |
| | 20 | **PRDCN 3232P 20** | 40 | 32 | 26 | 32 | 32 | 170 | | 0° | 0° | RCMX 20 06 00 |
| | 25 | **PRDCN 4040S 25** | 50 | 40 | 32.5 | 40 | 40 | 250 | | 0° | 0° | RCMX 25 07 00 |
| | 32 | **PRDCN 5050U 32** | 55 | 50 | 41 | 50 | 50 | 350 | | 0° | 0° | RCMX 32 09 00 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda
N = Neutro

## Piezas de repuesto principales

| Tamaño de plaquita Neg ○ | Pos ○ | Palanca | Tornillo | Llave (mm) | Placa de apoyo |
|---|---|---|---|---|---|
| 09 | | 174.3-840M | 174.3-820M | 170.3-860 (2.5) | 176.3-850 |
| 12 | | 174.3-841M | 174.3-821 | 174.1-864 (3.0) | 176.3-851M |
| 15 | | 174.3-843M | 174.3-825 | 174.1-864 (3.0) | 176.3-854M |
| 19 | | 174.3-842M | 174.3-822M | 3021 010-040 (4.0) | 176.3-852M |
| 25 | | 174.3-844M | 174.3-827 | 3021 010-050 (5.0) | 176.3-853M |
| | 10 | 176.39-840 | 174.3-834 | 170.3-864 (1.98) | 176.39-850 |
| | 12 | 5432 005-01 | 174.3-820M | 170.3-860 (2.5) | 176.39-851 |
| | 16 | 176.39-842 | 174.3-833 | 170.3-860 (2.5) | 176.39-852 |
| | 20 | 176.39-843 | 174.3-825 | 174.1-864 (3.0) | 176.39-853 |
| | 25 | 176.39-844 | 174.3-832 | 3021 010-040 (4.0) | 176.39-854 |
| | 32 | 176.39-845 | 174.3-827 | 3021 010-050 (5.0) | 176.39-855 |

A9
A117
A360
G6
A2
J2



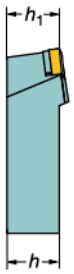
SANDVIK Coromant

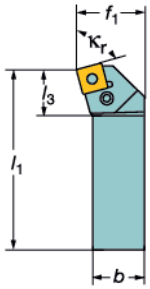
# Herramientas con mango

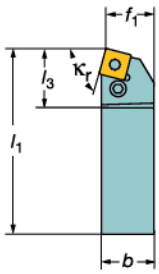
**Diseño de palanca T-Max P**

| | PSKNR/L | PSBNR/L<br>PSRNR/L |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 75° | $\kappa_r$ 75° |
| Ángulo de ataque: | 15° | 15° |

SNMM
SNMG
SNMA, SNGA

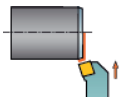



A la derecha en la ilustración a menos que se indique lo contrario

**Versión métrica**

| Aplicación principal | □ | *iC* | **Código de pedido** | Dimensiones, mm<br>*b* | *f*1 | *h* | *h*1 | *l*1 | *l*3 | γ | λs | Plaquitas calibradoras |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 09 | 3/8 | **PSKNR/L 1616H 09** | 16 | 20 | 16 | 16 | 100 | 16.5 | -6° | -6° | SNMG 09 03 08 |
| | | | **PSKNR/L 2020K 09** | 20 | 25 | 20 | 20 | 125 | 17.4 | -6° | -6° | SNMG 09 03 08 |
| | 12 | 1/2 | **PSKNR/L 2020K 12** | 20 | 25 | 20 | 20 | 125 | 22.7 | -6° | -6° | SNMG 12 04 08 |
| | | | **PSKNR/L 2525M 12** | 25 | 32 | 25 | 25 | 150 | 22.7 | -6° | -6° | SNMG 12 04 08 |
| | | | **PSKNR/L 3225P 12** | 25 | 32 | 32 | 32 | 170 | 22.7 | -6° | -6° | SNMG 12 04 08 |
| | 15 | 5/8 | **PSKNR/L 2525M 15** | 25 | 32 | 25 | 25 | 150 | 28.2 | -6° | -6° | SNMG 15 06 12 |
| | 19 | 3/4 | **PSKNR/L 3232P 19** | 32 | 40 | 32 | 32 | 170 | 37.5 | -6° | -6° | SNMG 19 06 12 |
| | | | **PSKNR/L 4040S 19** | 40 | 50 | 40 | 40 | 250 | 32.9 | -6° | -6° | SNMG 19 06 12 |
| | 25 | 1 | **PSKNR/L 5050T 25** | 50 | 60 | 50 | 50 | 300 | 37.5 | -6° | -6° | SNMG 25 07 24 |
| | 09 | 3/8 | **PSBNR/L 1616H 09** | 16 | 13 | 16 | 16 | 100 | 20.8 | -6° | -6° | SNMG 09 03 08 |
| | 12 | 1/2 | **PSBNR/L 2020K 12** | 20 | 17 | 20 | 20 | 125 | 27.5 | -6° | -6° | SNMG 12 04 08 |
| | | | **PSBNR/L 2525M 12** | 25 | 22 | 25 | 25 | 150 | 27.5 | -6° | -6° | SNMG 12 04 08 |
| | | | **PSBNR/L 3225P 12** | 25 | 22 | 32 | 32 | 170 | 27.5 | -6° | -6° | SNMG 12 04 08 |
| | 15 | 5/8 | **PSBNR/L 2525M 15** | 25 | 22 | 25 | 25 | 150 | 32 | -6° | -6° | SNMG 15 06 12 |
| | | | **PSBNR/L 3225P 15** | 25 | 22 | 32 | 32 | 170 | 32 | -6° | -6° | SNMG 15 06 12 |
| | | | **PSBNR/L 3232P 15** | 32 | 27 | 32 | 32 | 170 | 32 | -6° | -6° | SNMG 15 06 12 |
| | 19 | 3/4 | **PSBNR/L 3232P 19** | 32 | 27 | 32 | 32 | 170 | 39.2 | -6° | -6° | SNMG 19 06 12 |
| | | | **PSBNR/L 4040S 19** | 40 | 35 | 40 | 40 | 250 | 41.5 | -6° | -6° | SNMG 19 06 12 |
| | 25 | 1 | **PSBNR/L 4040S 25**[3] | 40 | 35 | 40 | 40 | 250 | 47.5 | -6° | -6° | SNMG 25 07 24 |
| | | | **PSBNR/L 5050T 25** | 50 | 43 | 50 | 50 | 300 | 47.5 | -6° | -6° | SNMG 25 07 24 |
| | 09 | 3/8 | **PSRNR/L 1212F 09** | 12 | 13 | 12 | 12 | 80 | 21 | -6° | -6° | SNMG 09 03 08 |

1) γ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Con plaquita de 7.94 mm de espesor. Con plaquita de 9.52 mm de espesor: $h_1$ = 41.56 y 51.56 mm

R = A Derecha, L = A Izquierda

**Piezas de repuesto principales**

| Tamaño de plaquita □ | *iC* | Palanca | Tornillo | Llave (mm) | Placa de apoyo |
|---|---|---|---|---|---|
| 09[1] | 3/8[1] | 174.3-840-1 | 174.3-829 | 174.1-870 (1.98) | - |
| 09 | 3/8 | 174.3-840M | 174.3-820M | 170.3-860 (2.5) | 174.3-850 |
| 12 | 1/2 | 174.3-841M | 174.3-821 | 174.1-864 (3.0) | 174.3-851M |
| 15 | 5/8 | 438.3-840 | 438.3-831 | 174.1-864 (3.0) | 174.3-857 |
| 19 | 3/4 | 174.3-842M | 174.3-822M | 3021 010-040 (4.0) | 174.3-852M |
| 25 | 1 | 174.3-844M | 174.3-827 | 3021 010-050 (5.0) | 174.3-853M |

1) Sólo para PSRNR/L 1212F09

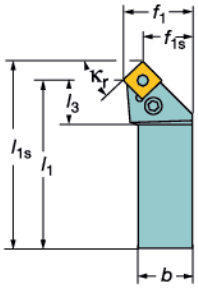
A9
A117
A360
G6
A2
J2

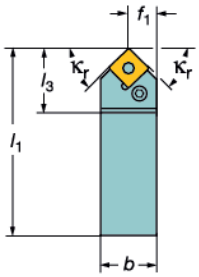
# Herramientas con mango

## Diseño de palanca T-Max P

| | PSSNR/L | PSDNN |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 45° | $\kappa_r$ 45° |
| Ángulo de ataque: | 45° | 45° |

SNMM
SNMG
SNMA, SNGA

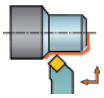
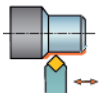



Neutro

A la derecha en la ilustración a menos que se indique lo contrario

## Versión métrica

| Aplicación principal | □ | iC | Código de pedido | Dimensiones, mm b | $f_1$ | $f_{1s}$ | h | $h_1$ | $l_1$ | $l_3$ | $l_{1s}$ | $\gamma^{1)}$ | $\lambda_s^{2)}$ | Plaquitas calibradoras |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 09 | 3/8 | **PSSNR/L 1616H 09** | 16 | 20 | 13.9 | 16 | 16 | 100 | 22 | 106.1 | -8° | 0° | SNMG 09 03 08 |
| | | | **PSSNR/L 2020K 09** | 20 | 25 | 18.9 | 20 | 20 | 125 | 21.9 | 131.1 | -8° | 0° | SNMG 09 03 08 |
| | | | **PSSNR/L 2525M 09** | 25 | 32 | 25.9 | 25 | 25 | 150 | 23 | 156.1 | -8° | 0° | SNMG 09 03 08 |
| | 12 | 1/2 | **PSSNR/L 2020K 12** | 20 | 25 | 16.7 | 20 | 20 | 125 | 29.3 | 133.3 | -8° | 0° | SNMG 12 04 08 |
| | | | **PSSNR/L 2525M 12** | 25 | 32 | 23.7 | 25 | 25 | 150 | 29.3 | 158.3 | -8° | 0° | SNMG 12 04 08 |
| | | | **PSSNR/L 3225P 12** | 25 | 32 | 23.7 | 32 | 32 | 170 | 29.3 | 178.3 | -8° | 0° | SNMG 12 04 08 |
| | 15 | 5/8 | **PSSNR/L 2525M 15** | 25 | 32 | 21.8 | 25 | 25 | 150 | 34 | 160.2 | -8° | 0° | SNMG 15 06 12 |
| | | | **PSSNR/L 3225P 15** | 25 | 32 | 21.8 | 32 | 32 | 170 | 34 | 180.2 | -8° | 0° | SNMG 15 06 12 |
| | | | **PSSNR/L 3232P 15** | 32 | 40 | 29.8 | 32 | 32 | 170 | 34 | 180.2 | -8° | 0° | SNMG 15 06 12 |
| | 19 | 3/4 | **PSSNR/L 3232P 19** | 32 | 40 | 27.5 | 32 | 32 | 170 | 41.3 | 182.5 | -8° | 0° | SNMG 19 06 12 |
| | | | **PSSNR/L 4040S 19** | 40 | 50 | 37.5 | 40 | 40 | 250 | 41.5 | 262.5 | -8° | 0° | SNMG 19 06 12 |
| | 25 | 1 | **PSSNR/L 4040S 25** | 40 | 50 | 34.4 | 40 | 40 | 250 | 48.8 | 266.0 | -8° | 0° | SNMG 25 07 24 |
|  | 09 | 3/8 | **PSDNN 1010E 09** | 10 | 5.3 | | 10 | 10 | 70 | 20 | | -6° | -6° | SNMG 09 03 08 |
| | | | **PSDNN 1212F 09** | 12 | 6.3 | | 12 | 12 | 80 | 20 | | -6° | -6° | SNMG 09 03 08 |
| | | | **PSDNN 1616H 09** | 16 | 8.3 | | 16 | 16 | 100 | 21 | | -6° | -6° | SNMG 09 03 08 |
| | 12 | 1/2 | **PSDNN 2020K 12** | 20 | 10.3 | | 20 | 20 | 125 | 27.6 | | -6° | -6° | SNMG 12 04 08 |
| | | | **PSDNN 2525M 12** | 25 | 12.8 | | 25 | 25 | 150 | 27.6 | | -6° | -6° | SNMG 12 04 08 |
| | | | **PSDNN 3225P 12** | 25 | 12.8 | | 32 | 32 | 170 | 27.6 | | -6° | -6° | SNMG 12 04 08 |
| | 19 | 3/4 | **PSDNN 3225P 19** | 25 | 13 | | 32 | 32 | 170 | 40.4 | | -6° | -6° | SNMG 19 06 12 |
| | | | **PSDNN 3232P 19** | 32 | 16.3 | | 32 | 32 | 170 | 40.4 | | -6° | -6° | SNMG 19 06 12 |
| | 25 | 1 | **PSDNN 4040S 25** | 40 | 21 | | 40 | 40 | 250 | 48.8 | | -6° | -6° | SNMG 25 07 24 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda
N = Neutro

## Piezas de repuesto principales

| Tamaño de plaquita □ | iC | Tamaño de mango, mm | Palanca | Tornillo | Llave (mm) | Placa de apoyo |
|---|---|---|---|---|---|---|
| 09 | 3/8 | 1010-1212 | 174.3-845-1 | 174.3-829 | 174.3-870 (1.98) | - |
| 09 | 3/8 | 1616-2525 | 174.3-840M | 174.3-820M | 170.3-860 (2.5) | 174.3-850 |
| 12 | 1/2 | | 174.3-841M | 174.3-821 | 174.1-864 (3.0) | 174.3-851M |
| 15 | 5/8 | | 438.3-840 | 438.3-831 | 174.1-864 (3.0) | 174.3-857 |
| 19 | 3/4 | | 174.3-842M | 174.3-822M | 3021 010-040 (4.0) | 174.3-852M |
| 25 | 1 | | 174.3-844M | 174.3-827 | 3021 010-050 (5.0) | 174.3-853M |

A9
A118
A360
G6
A2
J2



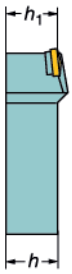
SANDVIK Coromant

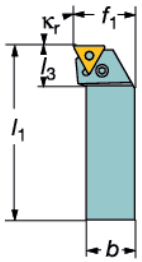
# Herramientas con mango

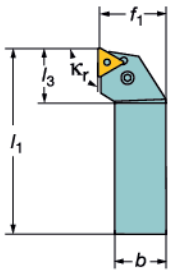
**Diseño de palanca T-Max P**

| | PTFNR/L | PTGNR/L |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 91° | $\kappa_r$ 91° |
| Ángulo de ataque: | -1° | -1° |

TNMM, TNMX
TNMG
TNMA, TNGA

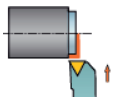
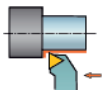



A la derecha en la ilustración a menos que se indique lo contrario

## Versión métrica

| Aplicación principal | △ | iC | Código de pedido | Dimensiones, mm b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda_s^{2)}$ | Plaquitas calibradoras |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 11 | 1/4 | **PTFNR/L 1212F 11** | 12 | 16 | 12 | 12 | 80 | 15 | -6° | -6° | TNMG 11 03 04 |
| | 16 | 3/8 | **PTFNR/L 1616H 16** | 16 | 20 | 16 | 16 | 100 | 19.7 | -6° | -6° | TNMG 16 04 08 |
| | | | **PTFNR/L 2020K 16** | 20 | 25 | 20 | 20 | 125 | 20.2 | -6° | -6° | TNMG 16 04 08 |
| | | | **PTFNR/L 2525M 16** | 25 | 32 | 25 | 25 | 150 | 20.2 | -6° | -6° | TNMG 16 04 08 |
| | 22 | 1/2 | **PTFNR/L 2525M 22** | 25 | 32 | 25 | 25 | 150 | 25.2 | -6° | -6° | TNMG 22 04 08 |
| | | | **PTFNR/L 3225P 22** | 25 | 32 | 32 | 32 | 170 | 25.2 | -6° | -6° | TNMG 22 04 08 |
| | | | **PTFNR/L 3232P 22** | 32 | 40 | 32 | 32 | 170 | 25.2 | -6° | -6° | TNMG 22 04 08 |
| | 27 | 5/8 | **PTFNR/L 3232P 27** | 32 | 40 | 32 | 32 | 170 | 34.4 | -6° | -6° | TNMG 27 06 12 |
| | | | **PTFNR/L 4040S 27** | 40 | 50 | 40 | 40 | 250 | 33.2 | -6° | -6° | TNMG 27 06 12 |
| | 33 | 3/4 | **PTFNR/L 4040S 33** | 40 | 50 | 40 | 40 | 250 | 38.2 | -6° | -6° | TNMG 33 07 12 |
|  | 11 | 1/4 | **PTGNR/L 1010E 11** | 10 | 12 | 10 | 10 | 70 | 15.6 | -6° | -6° | TNMG 11 03 04 |
| | | | **PTGNR/L 1212F 11** | 12 | 16 | 12 | 12 | 80 | 15.6 | -6° | -6° | TNMG 11 03 04 |
| | | | **PTGNR/L 1616H 11** | 16 | 20 | 16 | 16 | 100 | 18 | -6° | -6° | TNMG 11 03 04 |
| | | | **PTGNR/L 2525M 11** | 25 | 32 | 25 | 25 | 150 | 20 | -6° | -6° | TNMG 11 03 04 |
| | | | **PTGNR/L 2020K 11** | 20 | 25 | 20 | 20 | 125 | 19 | -6° | -6° | TNMG 11 03 04 |
| | 16 | 3/8 | **PTGNR/L 1616H 16** | 16 | 20 | 16 | 16 | 100 | 20.2 | -6° | -6° | TNMG 16 04 08 |
| | | | **PTGNR/L 2020K 16** | 20 | 25 | 20 | 20 | 125 | 20.2 | -6° | -6° | TNMG 16 04 08 |
| | | | **PTGNR/L 2525M 16** | 25 | 32 | 25 | 25 | 150 | 22.2 | -6° | -6° | TNMG 16 04 08 |
| | | | **PTGNR/L 3225P 16** | 25 | 32 | 32 | 32 | 170 | 22.2 | -6° | -6° | TNMG 16 04 08 |
| | 22 | 1/2 | **PTGNR/L 2525M 22** | 25 | 32 | 25 | 25 | 150 | 28.7 | -6° | -6° | TNMG 22 04 08 |
| | | | **PTGNR/L 3225P 22** | 25 | 32 | 32 | 32 | 170 | 28.7 | -6° | -6° | TNMG 22 04 08 |
| | | | **PTGNR/L 3232P 22** | 32 | 40 | 32 | 32 | 170 | 28.7 | -6° | -6° | TNMG 22 04 08 |
| | 27 | 5/8 | **PTGNR/L 3232P 27** | 32 | 40 | 32 | 32 | 170 | 35.2 | -6° | -6° | TNMG 27 06 12 |
| | | | **PTGNR/L 4040S 27** | 40 | 50 | 40 | 40 | 250 | 34 | -6° | -6° | TNMG 27 06 12 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita △ | iC | Palanca | Tornillo | Llave (mm) | Placa de apoyo |
|---|---|---|---|---|---|
| 11 | 1/4 | 174.3-846-1 | 174.3-829 | 170.3-864 (1.98) | - |
| 16 | 3/8 | 174.3-840M | 174.3-820M | 170.3-860 (2.5) | 179.3-850M |
| 22 | 1/2 | 174.3-841M | 174.3-821 | 174.1-864 (3.0) | 179.3-852M |
| 27 | 5/8 | 174.3-843M | 174.3-825 | 174.1-864 (3.0) | 179.3-854M |
| 33 | 3/4 | 174.3-842M | 174.3-822M | 3021 010 040 (4.0) | 179.3-855M |

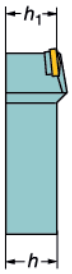
A9
A360
G6
A2
J2

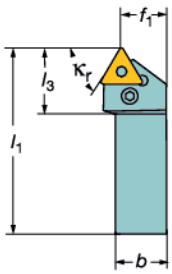
# Herramientas con mango

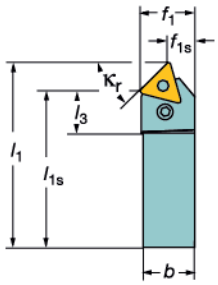
## Diseño de palanca T-Max P

| | PTTNR/L | PTDNR/L |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 60° | $\kappa_r$ 45° |
| Ángulo de ataque: | 30° | 45° |

TNMM, TNMX
TNMG
TNMA, TNGA

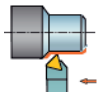



A la derecha en la ilustración a menos que se indique lo contrario

### Versión métrica

| Aplicación principal | △ | iC | Código de pedido | Dimensiones, mm b | $f_1$ | $f_{1s}$ | h | $h_1$ | $l_1$ | $l_3$ | $l_{1s}$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 11 | 1/4 | **PTTNR/L 1010E 11** | 10 | 9 | | 10 | 10 | 70 | 19.1 | | -6° | -6° | TNMG 11 03 04 |
| | | | **PTTNR/L 1212F 11** | 12 | 11 | | 12 | 12 | 80 | 19.1 | | -6° | -6° | TNMG 11 03 04 |
| | 16 | 3/8 | **PTTNR/L 1616H 16** | 16 | 13 | | 16 | 16 | 100 | 23.4 | | -6° | -6° | TNMG 16 04 08 |
| | | | **PTTNR/L 2020K 16** | 20 | 17 | | 20 | 20 | 125 | 25.9 | | -6° | -6° | TNMG 16 04 08 |
| | 22 | 1/2 | **PTTNR/L 2525M 22** | 25 | 22 | | 25 | 25 | 150 | 31.9 | | -6° | -6° | TNMG 22 04 08 |
| | | | **PTTNR/L 3225P 22** | 25 | 22 | | 32 | 32 | 170 | 31.9 | | -6° | -6° | TNMG 22 04 08 |
|  | 22 | 1/2 | **PTDNR/L 2525M 22** | 25 | 12.97 | 27.0 | 25 | 25 | 150 | 19.5 | 135.9 | -7° | 0° | TNMG 22 04 08 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda

### Piezas de repuesto principales

| Tamaño de plaquita △ | iC | Palanca | Tornillo | Llave (mm) | Placa de apoyo |
|---|---|---|---|---|---|
| 11 | 1/4 | 174.3-846-1 | 174.3-829 | 170.3-864 (1.98) | - |
| 16 | 3/8 | 174.3-840M | 174.3-820M | 170.3-860 (2.5) | 179.3-850M |
| 22 | 1/2 | 174.3-841M | 174.3-821 | 174.1-864 (3.0) | 179.3-852M |

A9
A360
G6
A2
J2



SANDVIK Coromant

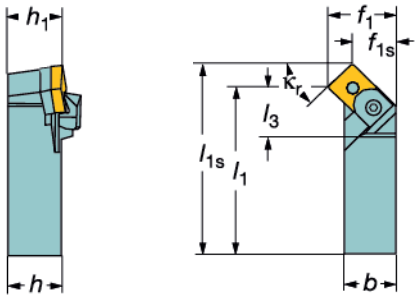
# Herramientas con mango

**Diseño de sujeción con cuña T-Max P**

**MSSNR/L**

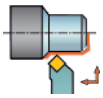
Ángulo de posición: $\kappa_r$ 45°
Ángulo de ataque: 45°

SNMM
SNMG
SNMA, SNGA




A la derecha en la ilustración a menos que se indique lo contrario

## Versión métrica

| Aplicación principal | □ | iC | Código de pedido | Dimensiones, mm b | f1 | f1s | h | h1 | l1 | l3 | l1s | γ1) | λs2) | Plaquitas calibradoras |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 12 | 1/2 | **MSSNR/L 2525M 12** | 25 | 32 | 23.7 | 25 | 25 | 150 | 23 | 158.3 | -8° | 0° | SNMG 12 04 08 |
| | 19 | 3/4 | **MSSNR/L 3232P 19** | 32 | 40 | 27.5 | 32 | 32 | 170 | 31.3 | 182.5 | -8° | 0° | SNMG 19 06 12 |
| | 25 | 1 | **MSSNR/L 4040S 25** | 40 | 50 | 34.0 | 40 | 40 | 250 | 34 | 266.0 | -8° | 0° | SNMG 25 07 24 |

1) γ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita □ | iC | Juego de brida-cuña | Llave (mm) | Placa de apoyo | Pasador | Tornillo | Llave (mm) |
|---|---|---|---|---|---|---|---|
| 12 | 1/2 | 181.38-824-1 | 174.1-864 (3.0) | 181.38-850 | 181.38-840 | 3212 010-255 | 174.1-864 (3.0) |
| 19 | 3/4 | 181.38-825-1 | 3021 010-040 (4.0) | 181.38-851 | 181.38-841 | 3212 010-306 | 174.1-864 (3.0) |
| 25 | 1 | 181.38-826-1 | 3021 010-050 (5.0) | 181.38-852 | 181.38-842 | 3212 100-357 | 3021 010-040 (4.0) |

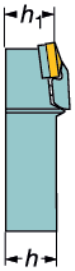
A9
A120
A368
G6
A2
J2

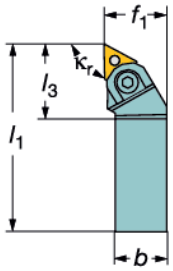
# Herramientas con mango

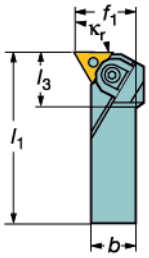
## Diseño de sujeción con cuña T-Max P

| | MTJNR/L<br>WTJNR/L | WTFNR/L |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 93° | $\kappa_r$ 91° |
| Ángulo de ataque: | -3° | -1° |

TNMM, TNMX
TNMG
TNMA, TNGA

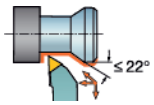


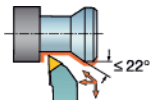
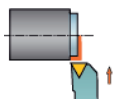




A la derecha en la ilustración a menos que se indique lo contrario

## Versión métrica

| Aplicación principal | △ | iC | Código de pedido | Dimensiones, mm b | f1 | h | h1 | l1 | l3 | γ1) | λs2) | Plaquitas calibradoras |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 16 | 3/8 | **MTJNR/L 2020K 16M1** | 20 | 25 | 20 | 20 | 125 | 30.8 | -6° | -6° | TNMG 16 04 08 |
| | | | **MTJNR/L 2525M 16M1** | 25 | 32 | 25 | 25 | 150 | 30.8 | -6° | -6° | TNMG 16 04 08 |
| | | | **MTJNR/L 3225P 16M1** | 25 | 32 | 32 | 32 | 170 | 30.8 | -6° | -6° | TNMG 16 04 08 |
| | 22 | 1/2 | **MTJNR/L 2525M 22M1** | 25 | 32 | 25 | 25 | 150 | 34.8 | -6° | -6° | TNMG 22 04 08 |
| | | | **MTJNR/L 3225P 22M1** | 25 | 32 | 32 | 32 | 170 | 34.8 | -6° | -6° | TNMG 22 04 08 |

## Versión en pulgadas

| Aplicación principal | iC | Código de pedido | Dimensiones, pulgadas b | f1 | h | h1 | l1 | l3 | γ1) | λs2) | Plaquitas calibradoras |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/2 | **WTJNR/L 16 4C** | 1.000 | 1.250 | 1.000 | 1.000 | 5.000 | 1.540 | -4° | -13° | TNMG 432 |
| | | **WTJNR/L 16 4D** | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | 1.540 | -4° | -13° | TNMG 432 |
| | | **WTJNR/L 20 4D** | 1.250 | 1.500 | 1.250 | 1.250 | 6.000 | 1.540 | -4° | -13° | TNMG 432 |
| | | **WTJNR/L 85 4D** | 1.000 | 1.250 | 1.250 | 1.250 | 6.000 | 1.540 | -4° | -13° | TNMG 432 |
| | 3/8 | **WTJNR/L 12 3B** | .750 | 1.000 | .750 | .750 | 4.500 | 1.250 | -4° | -13° | TNMG 332 |
| | | **WTJNR/L 16 3D** | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | 1.540 | -4° | -13° | TNMG 332 |
| | | **WTJNR 20 3D** | 1.250 | 1.500 | 1.250 | 1.250 | 6.000 | 1.540 | -4° | -13° | TNMG 332 |
| | 5/8 | **WTJNR/L 20 5D** | 1.250 | 1.500 | 1.250 | 1.250 | 6.000 | 1.750 | -4° | -13° | TNMG 543 |
| | | **WTJNR/L 24 5D** | 1.500 | 2.000 | 1.500 | 1.500 | 6.000 | 1.750 | -4° | -13° | TNMG 543 |
|  | 1/2 | **WTFNR/L 16 4D** | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | 1.190 | -6° | -6° | TNMG 432 |

1) γ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita | △ | iC | Juego de brida-cuña | Llave (mm/ pulgadas) | Placa de apoyo | Pasador | Tornillo | Llave (mm/ pulgadas) |
|---|---|---|---|---|---|---|---|---|
| MTJNR/L | 16 | 3/8 | 170.38-820-1 | 174.1-863 (2.5) | 170.3-852 | 5313 021-02 | 3212 010-206 | 174.1-863 (2.5) |
| | 22 | 1/2 | 170.38-821-1 | 174.1-864 (3.0) | 170.3-855 | 181.38-840 | 3212 010-255 | 174.1-864 (3.0) |
| WTJNR/L | 16 | 3/8[1)] | A170.38-820-1 | 265.2-818 (3/32) | 170.3-852 | 5313 021-02 | 3212 010-206 | 174.1-863 (2.5) |
| | 16 | 3/8 | A170.38-820-1 | 265.2-818 (3/32) | 170.3-852 | 5313 021-02 | 3212 010-206 | 174.1-863 (2.5) |
| | 22 | 1/2 | A170.38-821-1 | 174.1-871 (1/8) | 170.3-859 | 170.3-836M-1[2)] | - | 174.1-871 (1/8) |
| | 27 | 5/8 | A170.38-822-1 | 174.1-871 (1/8) | 170.3-858 | 170.3-848M-1[2)] | - | 3021 010-040 (5/32) |
| WTFNR/L | 22 | 1/2 | A170.38-821-1 | 174.1-871 (1/8) | 170.3-859 | 170.3-836M-1[2)] | - | 174.1-871 (1/8) |

1) Sólo para WTJNR/L 123B.
2) Pasador de la placa de apoyo y tornillo.

A9
A120
A368
G6
A2
J2



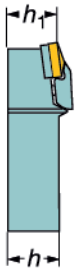
SANDVIK Coromant

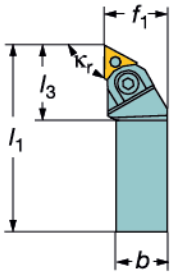
# Herramientas con mango

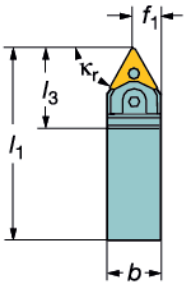
**Diseño de sujeción con cuña T-Max P**

| | MTGNR/L<br>WTGNR/L | MTENN<br>WTENN |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 91° | $\kappa_r$ 60° |
| Ángulo de ataque: | -1° | 30° |

TNMM, TNMX
TNMG
TNMA, TNGA



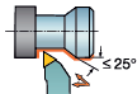
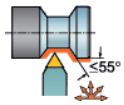



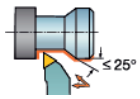
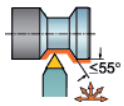

Neutro

A la derecha en la ilustración a menos que se indique lo contrario

## Versión métrica

| Aplicación principal | △ | *iC* | Código de pedido | Dimensiones, mm<br>*b* | *f*1 | *h* | *h*1 | *l*1 | *l*3 | γ1) | λs2) | Plaquitas calibradoras |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 22 | 1/2 | **MTGNR/L 2525M 22M1** | 25 | 32 | 25 | 25 | 150 | 34.8 | -6° | -6° | TNMG 22 04 08 |
| | | | **MTGNR/L 3225P 22M1** | 25 | 32 | 32 | 32 | 170 | 34.8 | -6° | -6° | TNMG 22 04 08 |
| | | | **MTGNR/L 3232P 22M1** | 32 | 40 | 32 | 32 | 170 | 34.8 | -6° | -6° | TNMG 22 04 08 |
|  | 22 | 1/2 | **MTENN 2525M 22M1** | 25 | 13 | 25 | 25 | 150 | 35.7 | -8° | 0° | TNMG 22 04 08 |
| | | | **MTENN 3225P 22M1** | 25 | 13 | 32 | 32 | 170 | 35.7 | -8° | 0° | TNMG 22 04 08 |
| | | | **MTENN 3232P 22M1** | 32 | 16.5 | 32 | 32 | 170 | 35.7 | -8° | 0° | TNMG 22 04 08 |

## Versión en pulgadas

| Aplicación principal | *iC* | Código de pedido | Dimensiones, pulgadas<br>*b* | *f*1 | *h* | *h*1 | *l*1 | *l*3 | γ1) | λs2) | Plaquitas calibradoras |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/2 | **WTGNR/L 16 4D** | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | 1.540 | -6° | -6° | TNMG 432 |
| | | **WTGNR/L 85 4D** | 1.000 | 1.250 | 1.250 | 1.250 | 6.000 | 1.540 | -6° | -6° | TNMG 432 |
|  | 1/2 | **WTENN 16 4C** | 1.000 | .500 | 1.000 | 1.000 | 5.000 | 1.540 | -8° | 0° | TNMG 432 |
| | | **WTENN 16 4D** | 1.000 | .500 | 1.000 | 1.000 | 6.000 | 1.540 | -8° | 0° | TNMG 432 |
| | | **WTENN 85 4D** | 1.000 | .500 | 1.250 | 1.250 | 6.000 | 1.540 | -8° | 0° | TNMG 432 |
| | 5/8 | **WTENN 20 5D** | 1.250 | .625 | 1.250 | 1.250 | 6.000 | 1.750 | | | TNMG 543 |

1) γ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda
N = Neutro

## Piezas de repuesto principales

| Tamaño de plaquita | △ | *iC* | Juego de brida-cuña | Llave (mm/pulgadas) | Placa de apoyo | Pasador | Tornillo | Llave (mm/pulgadas) |
|---|---|---|---|---|---|---|---|---|
| MTGNR/L | 22 | 1/2 | 170.38-821-1 | 174.1-864 (3.0) | 170.3-855 | 181.38-840 | 3212 010-255 | 174.1-864 (3.0) |
| WTGNR/L | 22 | 1/2 | A170.38-821-1 | 174.1-871 (1/8) | 170.3-859 | 170.3-836M-11) | - | 174.1-871 (1/8) |
| WTENN | 22 | 1/2 | A170.38-821-1 | 174.1-871 (1/8) | 170.3-859 | 170.3-836M-11) | - | 174.1-871 (1/8) |
| MTENN | 22 | 1/2 | 170.38-821-1 | 174.1-864 (3.0) | 170.3-855 | 181.38-840 | 3212 010-255 | 174.1-864 (3.0) |
| MTENN | 27 | 5/8 | A170.38-822-1 | 174.1-871 (1/8) | 170.3-858 | 170.3-848M-1 | | |
| WTENN | 27 | 5/8 | A170.38-822-1 | 174.1-821 (1/8) | 170.3-858 | 170.3-848M | - | 3021 010-040 (4.0) |

1) Pasador de la placa de apoyo y tornillo.

A9
A120
A368
G6
A2
J2

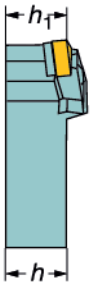
# Herramientas con mango

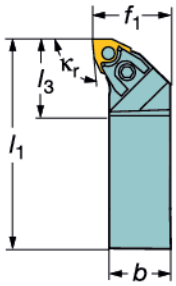
## Diseño de sujeción con cuña T-Max P

**MWLNR/L**

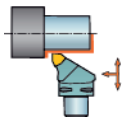
Ángulo de posición: $\kappa_r$ 95°

WNMM,
WNMG
WNGA, WNMA




Si no se especifica nada más, a derechas en la ilustración

| Aplicación principal | | Código de pedido | Dimensiones, mm b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | γ | $\lambda_s$ | Plaquitas calibradoras |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 06 | **MWLNR/L 2020K 06** | 20 | 25 | 20 | 20 | 125 | 26 | -6° | -6° | WNMG 06 04 08 |
| | 08 | **MWLNR/L 2020K 08** | 20 | 27 | 20 | 20 | 125 | 34 | -6° | -6° | WNMG 08 04 08 |
| | 06 | **MWLNR/L 2525M 06** | 25 | 32 | 25 | 25 | 150 | 26 | -6° | -6° | WNMG 06 04 08 |
| | 08 | **MWLNR/L 2525M 08** | 25 | 32 | 25 | 25 | 150 | 35 | -6° | -6° | WNMG 08 04 08 |
| | | **MWLNR/L 3225P 08** | 25 | 32 | 32 | 32 | 170 | 35 | -6° | -6° | WNMG 08 04 08 |

1) γ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita | Juego de brida-cuña | Llave (mm) | Placa de apoyo | Pasador | Tornillo | Llave (mm) |
|---|---|---|---|---|---|---|
| 06 | 5431 125-011 | 170.3-860 (2.5) | 5322 331-06 | 5313 022-01 | 5512 030-03 | 170.3-864 (1.98) |
| 08 | 5431 125-021 | 174.1-864 (3.0) | 5322 331-07 | 5313 022-03 | 3212 010-255 | 174.1-864 (3.0) |

A9
A120
A368
G6
A2
J2



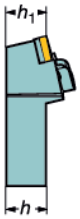
SANDVIK Coromant

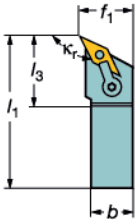
# Herramientas con mango

**T-Max M, diseño de sujeción superior**

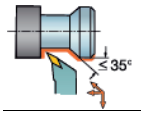
| | MVTNR/L |
|---|---|
| Ángulo de posición: | $\kappa_r$ 117°30’ |
| Ángulo de ataque: | -27.5° |

VNMG
VNGP




A la derecha en la ilustración a menos que se indique lo contrario

| Aplicación principal | | iC | Código de pedido | Dimensiones, mm, pulgadas b | f1 | h | h1 | l1 | l3 | γ1) | λs2) | Plaquitas calibradoras |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 16 | 3/8 | **MVTNR/L 12 3B** | 19.05 | 25.4 | 19.05 | 19.05 | 114.3 | 38.1 | -10° | -10° | VNMG 332 |
| | | | | .750 | 1.000 | .750 | .750 | 4.500 | 1.500 | -10° | -10° | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

1) γ = Ángulo de desprendimiento (válido con plaquita lisa).

2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita | | Amarre | Tornillo de sujeción | Llave (pulgadas) | Pasador de blocaje | Llave (pulgadas) | Placa de apoyo |
|---|---|---|---|---|---|---|---|
| | iC | | | | | | |
| 16 | 3/8 | MC-12 | MS-510 | 3021 011-532 (5/32) | MN-34L | 174.1-870 (5/64) | MVN-322 |

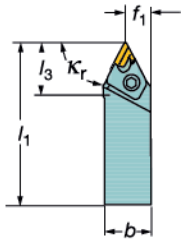
A9
A109
A353
G6
A2
J2

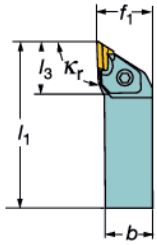
# Herramientas tipo vástago para copiado

**Diseño de sujeción superior T-Max®**

| | R/L170.5 | CKJNR/L |
|---|---|---|
| Ángulo de posición | $\kappa_r$ 62,5° | $\kappa_r$ 93° |
| Ángulo de ataque: | 27.5° | -3° |

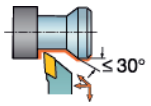
KNUX, KNMX



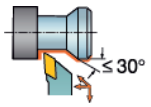

A la derecha en la ilustración a menos que se indique lo contrario

## Versión métrica

| Aplicación principal | | Código de pedido | Dimensiones, mm b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda_s^{2)}$ | Plaquitas calibradoras |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 16 | **R/L170.5-4025M-16** | 25 | 14.3 | 40 | 40 | 145 | 37 | -6° | 0° | KNUX 16 04 05L |
| | | **CKJNR/L 2525M 16** | 25 | 32 | 25 | 25 | 150 | 32 | -6° | 0° | KNUX 16 04 05L |
| | | **CKJNR/L 3225P 16** | 25 | 32 | 32 | 32 | 170 | 32 | -6° | 0° | KNUX 16 04 05L |
| | | **CKJNR/L 4025R 16** | 25 | 32 | 40 | 40 | 200 | 32 | -6° | 0° | KNUX 16 04 05L |



## Versión en pulgadas

| Aplicación principal | *iC* | Código de pedido | Dimensiones, pulgadas b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda_s^{2)}$ | Plaquitas calibradoras |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 3/8 | **CKJNR/L 12 3** | .750 | 1.125 | .750 | .750 | 5.000 | 1.260 | -6° | 0° | KNUX 16 04 05L |
| | | **CKJNR/L 16 3C** | 1.000 | 1.250 | 1.000 | 1.000 | 5.000 | 1.260 | -6° | 0° | KNUX 16 04 05L |
| | | **CKJNR/L 16 3D** | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | 1.260 | -6° | 0° | KNUX 16 04 05L |
| | | **CKJNR/L 20 3D** | 1.250 | 1.500 | 1.250 | 1.250 | 6.000 | 1.260 | -6° | 0° | KNUX 16 04 05L |



1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Amarre | | | | Placa de apoyo | |
|---|---|---|---|---|---|
| R | L | Tornillo | Llave (mm) | R | L |
| 170.5-824 | 170.5-825 | 170.5-865 | 3021 010-040 (4.0) | R170.5-851[1)] | L170.5-851[1)] |
| | | | | R170.5-852[2)] | L170.5-852[2)] |
| | | | | R170.5-850[3)] | L170.5-850[3)] |

1) Ajuste estándar: Para plaquitas con $r_\varepsilon$ = 1,0 mm.
2) La placa de apoyo opcional se suministra en pedido por separado, para plaquitas con $r_\varepsilon$ = 0.5 mm
3) La placa de apoyo opcional se suministra en pedido por separado, para plaquitas con $r_\varepsilon$ = 1.5 mm

A43
G6
A2
J2



SANDVIK Coromant

# CoroTurn® 107 sujeción por tornillo

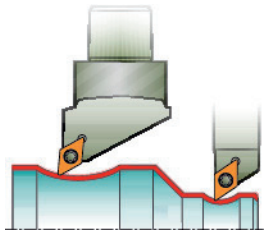
## Herramientas exteriores para plaquitas de forma básica positivas con ángulo de incidencia de 7º

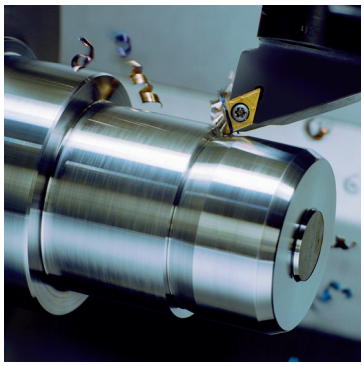
**Para desbaste ligero a acabado de componentes pequeños, largos y esbeltos, ideal para coperaciones de copiar o perfilar**

El sistema CoroTurn® 107 está disponible en unidades de corte Coromant Capto® y en diseño convencional de mango de acero para todas las formas de plaquita y distintos ángulos de posición

**Unidad de corte Coromant Capto**

Disponible en diseño CoroTurn HP, ver página A152.





**El sistema de sujeción por tornillo ofrece importantes ventajas, como:**

- una sujeción segura de la plaquita
- una excelente repetibilidad
- un flujo de la viruta sin obstrucciones
- pocas piezas de requesto

**Proceso de mecanizado productivo y seguro**

CoroTurn® 107 ofrece:

- Control de viruta excelente
- Acción de corte suave
- Fuerzas de corte bajas
- Un acabado superficial de gran calidad en el componente

**Sistema de sujeción versátil**

Debido al sistema de sujeción, la plaquita CoroTurn® 107 puede utilizarse en distintos tipos de aplicaciones:

- Herramientas para mecanizado multi-tarea
- Herramientas con mangos pequeños para mecanizado de piezas pequeñas
- Sistema de sujeción QS™, ver página A217
- Distintas soluciones especiales

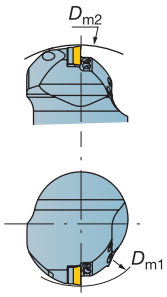
# Unidades de corte CoroTurn® HP

**Diseño de sujeción por tornillo CoroTurn® 107**

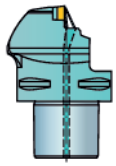
**Con refrigerante a alta presión**

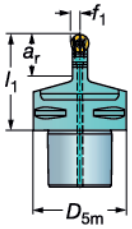
RCMT
RCGX-AL

**Cx-SRSCR/L-HP**



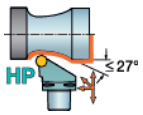
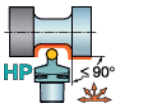

**Cx-SRDCN-HP**






Neutro

A derechas en la ilustración

| Aplicación principal | ○ | *iC* | **Código de pedido** | Dimensiones, mm, pulgadas $D_{5m}$ | $a_r$ | $D_{m1}$ mín.[4] | $D_{m2}$ mín.[4] | $f_1$ | $l_1$ | γ[1] | λs[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 10 | .394 | **C5-SRSCR/L-35060-10HP** | 50 | | 130 | 270 | 35.0 | 60.0 | 0° | 0° | RCMT 10 T3 M0 | 3.0 |
| | | | | *1.968* | | *5.118* | *10.63* | *1.378* | *2.362* | | | | |
| | 12 | .472 | **C5-SRSCR/L-35060-12HP** | 50 | | 130 | 270 | 35.0 | 60.0 | 0° | 0° | RCMT 12 04 M0 | 3.0 |
| | | | | *1.968* | | *5.118* | *10.63* | *1.378* | *2.362* | | | | |
| | | | **C6-SRSCR/L-45065-10HP[5]** | 63 | | 140 | 300 | 45.0 | 65.0 | 0° | 0° | RCMT 10 T3 M0 | 3.0 |
| | | | | *2.480* | | *5.512* | *11.81* | *1.772* | *2.559* | | | | |
| | 12 | .472 | **C6-SRSCR/L-45065-12HP[5]** | 63 | | 120 | 195 | 45.0 | 65.0 | 0° | 0° | RCMT 12 04 M0 | 3.0 |
| | | | | *2.480* | | *4.724* | *7.677* | *1.772* | *2.559* | | | | |
|  | 12 | .472 | **C6-SRDCN-00065-12HP** | 63 | 28 | 300 | 200 | 6.0 | 65.0 | 0° | 0° | RCMT 12 04 M0 | 3.0 |
| | | | | *2.480* | *1.102* | *11.811* | *7.874* | *.236* | *2.559* | | | | |

1) γ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Válido en combinación con la unidad de sujeción R/LC2090
5) Ángulo máx. de rampa 27°

N = Neutra, R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita ○ | *iC* | Tornillo de plaquita (rosca) | Llave (Torx Plus) | Placa de apoyo | Tornillo de la placa de apoyo | Llave (mm) | Boquilla (diámetro del agujero) |
|---|---|---|---|---|---|---|---|
| 10 | .394 | 5513 020-01 (M3.5) | 5680 049-01 (15IP) | 5322 110-01 | 5512 090-01 | 5680 049-01 (3.5) | 5691 026-03 (1.0) |
| 12 | .472 | 5513 020-01 (M3.5) | 5680 049-01 (15IP) | 5322 110-02 | 5512 090-01 | 5680 049-01 (3.5) | 5691 026-03 (1.0) |

A9
A378
G6
A2
J2



SANDVIK Coromant

# Unidades de corte CoroTurn® HP

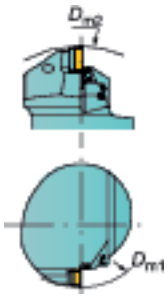
**- T-Max-U sujeción por tornillo**

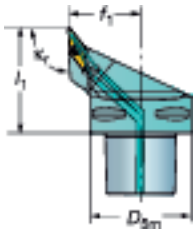
VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

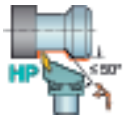
VBMW, VCMW

Ángulo de posición
Angulo

**Cx-SVJBR/L-HP**
$\kappa_r$ 93°
-3°




| Aplicación principal | | iC | Código de pedido | Dimensiones, mm, pulgadas | | | | | | | | Plaquitas calibradoras | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | $D_{5m}$ | $D_{m1}$ mín[4] | $D_{m2}$ mín[4] | $f_1$ | $l_1$ | $\gamma$[1] | $\lambda_s$[2] | kg | ISO | ANSI | Nm[3] |
|  | 16 | 3/8 | **C5-SVJBR/L-35060-16HP** | 50 | 180 | 200 | 35.0 | 60 | 0° | 0° | 0.64 | VBMT 16 04 08 | VBMT 332 | 3.0 |
| | | | | *1.968* | *7.087* | *7.874* | *1.378* | *2.362* | *0°* | *0°* | | | | |
| | | | **C6-SVJBR/L-45065-16HP** | 63 | 200 | 200 | 45.0 | 65 | 0° | 0° | 1.14 | VBMT 16 04 08 | VBMT 332 | 3.0 |
| | | | | *2.480* | *7.874* | *7.874* | *1.772* | *2.559* | *0°* | *0°* | | | | |
| | | | **C8-SVJBR/L-55080-16HP** | 80 | 240 | 240 | 55.0 | 80 | 0° | 0° | 2.35 | VBMT 16 04 08 | VBMT 332 | 3.0 |
| | | | | *3.150* | *9.449* | *9.449* | *2.165* | *3.150* | *0°* | *0°* | | | | |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Válido en combinación con la unidad de sujeción R/LC2090

N = Neutra, R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita | | | | | | | |
|---|---|---|---|---|---|---|---|
| | iC | Tornillo de plaquita (rosca) | Llave (Torx Plus) | Placa de apoyo | Tornillo de la placa de apoyo | Llave (mm) | Boquilla (diámetro del agujero) |
| 16 | 3/8 | 5513 020-01 (M3.5) | 5680 049-01 (15IP) | 5322 270-01 | 5512 090-01 | 5680 049-01 (3.5) | 5691 026-13 (1.0) |

A9

A378

G6

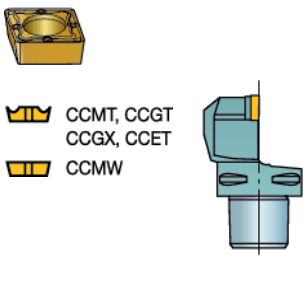
A2

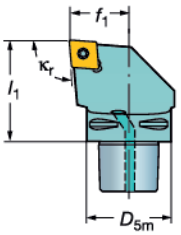
J2

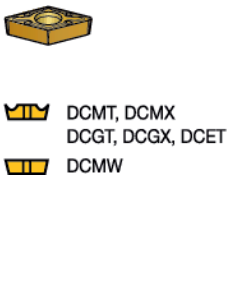
# Unidades de corte Coromant Capto®

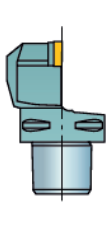
**Diseño de sujeción por tornillo CoroTurn® 107**

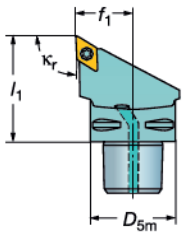
| | SCLCR/L | SDJCR/L | SDNCN |
|---|---|---|---|
| Ángulo de posición: | $\kappa_r$ 95° | $\kappa_r$ 93° | $\kappa_r$ 62.5° |
| Ángulo de ataque: | -5° | -3° | 27.5° |

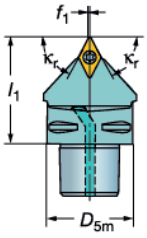


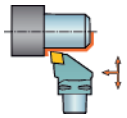


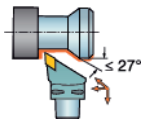
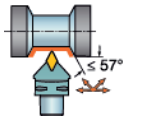




Neutro

Entrada de refrigerante: radial a través del cono

A la derecha en la ilustración a menos que se indique lo contrario

| Aplicación principal | □ | *iC* | Código de pedido | Dimensiones, milímetros, pulgadas (mm, pulg.) $D_{5m}$ | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | $\gamma$ 1) | $\lambda_s$ 2) | kg | Plaquitas calibradoras ISO | ANSI | Nm 3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 09 | 3/8 | C3-SCLCR/L-22040-09 | 32 | 22.0 | .866 | 40.0 | 1.575 | 0° | 0° | 0.2 | CCMT 09 T3 08 | CCMT 3(2.5)2 | 3.0 |
| | | | C4-SCLCR/L-27050-09 | 40 | 27.0 | 1.063 | 50.0 | 1.968 | 0° | 0° | 0.4 | CCMT 09 T3 08 | CCMT 3(2.5)2 | 3.0 |
| | | | C5-SCLCR/L-35060-09 | 50 | 35.0 | 1.378 | 60.0 | 2.362 | 0° | 0° | 0.6 | CCMT 09 T3 08 | CCMT 3(2.5)2 | 3.0 |
| | | | C6-SCLCR/L-45065-09 | 63 | 45.0 | 1.772 | 65.0 | 2.559 | 0° | 0° | 1.1 | CCMT 09 T3 08 | CCMT 3(2.5)2 | 3.0 |
| | 12 | 1/2 | C3-SCLCR/L-22040-12 | 32 | 22.0 | .866 | 40.0 | 1.575 | 0° | 0° | 0.2 | CCMT 12 04 08 | CCMT 432 | 3.0 |
| | | | C4-SCLCR/L-27050-12 | 40 | 27.0 | 1.063 | 50.0 | 1.968 | 0° | 0° | 0.4 | CCMT 12 04 08 | CCMT 432 | 3.0 |
| | | | C5-SCLCR/L-35060-12 | 50 | 35.0 | 1.378 | 60.0 | 2.362 | 0° | 0° | 0.6 | CCMT 12 04 08 | CCMT 432 | 3.0 |
| | | | C6-SCLCR/L-45065-12 | 63 | 45.0 | 1.772 | 65.0 | 2.559 | 0° | 0° | 1.1 | CCMT 12 04 08 | CCMT 432 | 3.0 |

| Aplicación principal | ◇ | *iC* | Código de pedido | Dimensiones, milímetros, pulgadas (mm, pulg.) $D_{5m}$ | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | $\gamma$ 1) | $\lambda_s$ 2) | kg | Plaquitas calibradoras ISO | ANSI | Nm 3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 07 | 1/4 | C3-SDJCR/L-22040-07 | 32 | 22.0 | .866 | 40.0 | 1.575 | 0° | 0° | 0.2 | DCMT 07 02 04 | DCMT 2(1.5)1 | 0.9 |
| | | | C4-SDJCR/L-27050-07 | 40 | 27.0 | 1.063 | 50.0 | 1.968 | 0° | 0° | 0.3 | DCMT 07 02 04 | DCMT 2(1.5)1 | 0.9 |
| | 11 | 3/8 | C3-SDJCR/L-22040-11 | 32 | 22.0 | .866 | 40.0 | 1.575 | 0° | 0° | 0.2 | DCMT 11 T3 08 | DCMT 3(2.5)2 | 3.0 |
| | | | C4-SDJCR/L-27050-11 | 40 | 27.0 | 1.063 | 50.0 | 1.968 | 0° | 0° | 0.3 | DCMT 11 T3 08 | DCMT 3(2.5)2 | 3.0 |
| | | | C5-SDJCR/L-35060-11 | 50 | 35.0 | 1.378 | 60.0 | 2.362 | 0° | 0° | 0.6 | DCMT 11 T3 08 | DCMT 3(2.5)2 | 3.0 |
| | | | C6-SDJCR/L-45065-11 | 63 | 45.0 | 1.772 | 65.0 | 2.559 | 0° | 0° | 1.0 | DCMT 11 T3 08 | DCMT 3(2.5)2 | 3.0 |
|  | 11 | 3/8 | C3-SDNCN-00040-11 | 32 | 0.5 | .020 | 40.0 | 1.575 | 0° | 0° | 0.2 | DCMT 11 T3 08 | DCMT 3(2.5)2 | 3.0 |
| | | | C4-SDNCN-00050-11 | 40 | 0.5 | .020 | 50.0 | 1.968 | 0° | 0° | 0.3 | DCMT 11 T3 08 | DCMT 3(2.5)2 | 3.0 |
| | | | C5-SDNCN-00060-11 | 50 | 0.5 | .020 | 60.0 | 2.362 | 0° | 0° | 0.6 | DCMT 11 T3 08 | DCMT 3(2.5)2 | 3.0 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm

N = Neutro

## Piezas de repuesto principales

| Tamaño de plaquita □ | ◇ | CCM. *iC* | DCM. *iC* | Tornillo de plaquita (rosca) | Llave (Torx Plus) | Placa de apoyo | Tornillo de la placa de apoyo | Llave (mm) |
|---|---|---|---|---|---|---|---|---|
| 09 | | 3/8 | | 5513 020-01 (M3.5) | 5680 049-01 (15IP) | 5322 232-01 | 5512 090-01 | 5680 049-01 (3.5) |
| 12 | | 1/2 | | 5513 020-18 (M4.5x0.5) | 5680 049-02 (15IP) | 5322 232-02 | 5512 090-03 | 5680 016-02 (4.0) |
| | 07 | | 1/4 | 5513 020-03 (M2.5) | 5680 051-02 (7IP) | - | - | - |
| | 11 | | 3/8 | 5513 020-01 (M3.5) | 5680 049-01 (15IP) | 5322 263-01 | 5512 090-01 | 5680 049-01 (3.5) |

A9
A160
A370
G6
A2
J2



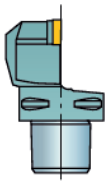
SANDVIK Coromant

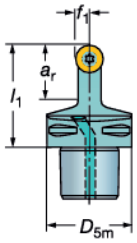
# Unidades de corte Coromant Capto®

**Diseño de sujeción por tornillo CoroTurn® 107**

**SRDCN**

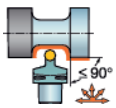
RCMT
RCGX-AL






Entrada de refrigerante: radial a través del cono

Dibujo tipo neutro

| Aplicación principal | ○ | iC | Código de pedido | Dimensiones, milímetros, pulgadas (mm, pulg.) $D_{5m}$ | $a_r$ mm | $a_r$ in. | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | γ1) | λs2) | kg | Plaquitas calibradoras ISO | ANSI | Nm3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 05 | .197 | C3-SRDCN-00040-05A | 32 | 10 | .394 | 2.5 | .098 | 40.0 | 1.575 | 0° | 0° | 0.2 | RCMT 05 02 M0 | RCMT 05 02 M0 | 0.9 |
| | | | C4-SRDCN-00050-05A | 40 | 10 | .394 | 2.5 | .098 | 50.0 | 1.968 | 0° | 0° | 0.4 | RCMT 05 02 M0 | RCMT 05 02 M0 | 0.9 |
| | | | C5-SRDCN-00060-05A | 50 | 10 | .394 | 2.5 | .098 | 60.0 | 2.362 | 0° | 0° | 0.7 | RCMT 05 02 M0 | RCMT 05 02 M0 | 0.9 |
| | 06 | .236 | C3-SRDCN-00040-06A | 32 | 12 | .472 | 3.0 | .118 | 40.0 | 1.575 | 0° | 0° | 0.2 | RCMT 06 02 M0 | RCMT 06 02 M0 | 0.9 |
| | | | C4-SRDCN-00050-06A | 40 | 12 | .472 | 3.0 | .118 | 50.0 | 1.968 | 0° | 0° | 0.4 | RCMT 06 02 M0 | RCMT 06 02 M0 | 0.9 |
| | | | C5-SRDCN-00060-06A | 50 | 12 | .472 | 3.0 | .118 | 60.0 | 2.362 | 0° | 0° | 0.7 | RCMT 06 02 M0 | RCMT 06 02 M0 | 0.9 |
| | 08 | .315 | C3-SRDCN-00040-08A | 32 | 16 | .630 | 4.0 | .157 | 40.0 | 1.575 | 0° | 0° | 0.2 | RCMT 08 03 M0 | RCMT 08 03 M0 | 1.4 |
| | | | C4-SRDCN-00050-08A | 40 | 16 | .630 | 4.0 | .157 | 50.0 | 1.968 | 0° | 0° | 0.3 | RCMT 08 03 M0 | RCMT 08 03 M0 | 1.4 |
| | | | C5-SRDCN-00060-08A | 50 | 16 | .630 | 4.0 | .157 | 60.0 | 2.362 | 0° | 0° | 0.7 | RCMT 08 03 M0 | RCMT 08 03 M0 | 1.4 |
| | 10 | .394 | C3-SRDCN-00040-10A | 32 | 20 | .787 | 5.0 | .197 | 40.0 | 1.575 | 0° | 0° | 0.2 | RCMT 10 T3 M0 | RCMT 10 T3 M0 | 3.0 |
| | | | C4-SRDCN-00050-10A | 40 | 25 | .984 | 5.0 | .197 | 50.0 | 1.968 | 0° | 0° | 0.3 | RCMT 10 T3 M0 | RCMT 10 T3 M0 | 3.0 |
| | | | C5-SRDCN-00060-10A | 50 | 25 | .984 | 5.0 | .197 | 60.0 | 2.362 | 0° | 0° | 0.6 | RCMT 10 T3 M0 | RCMT 10 T3 M0 | 3.0 |
| | | | C6-SRDCN-00065-10A | 63 | 25 | .984 | 5.0 | .197 | 65.0 | 2.559 | 0° | 0° | 1.1 | RCMT 10 T3 M0 | RCMT 10 T3 M0 | 3.0 |
| | 12 | .472 | C4-SRDCN-00050-12A | 40 | 28 | 1.102 | 6.0 | .236 | 50.0 | 1.968 | 0° | 0° | 0.3 | RCMT 12 04 M0 | RCMT 12 04 M0 | 3.0 |
| | | | C5-SRDCN-00060-12A | 50 | 28 | 1.102 | 6.0 | .236 | 60.0 | 2.362 | 0° | 0° | 0.6 | RCMT 12 04 M0 | RCMT 12 04 M0 | 3.0 |
| | | | C6-SRDCN-00065-12A | 63 | 28 | 1.102 | 6.0 | .236 | 65.0 | 2.559 | 0° | 0° | 1.1 | RCMT 12 04 M0 | RCMT 12 04 M0 | 3.0 |
| | 16 | .630 | C5-SRDCN-00060-16A | 50 | 35 | 1.378 | 8.0 | .315 | 60.0 | 2.362 | 0° | 0° | 0.6 | RCMT 16 06 M0 | RCMT 16 06 M0 | 6.4 |
| | | | C6-SRDCN-00065-16A | 63 | 35 | 1.378 | 8.0 | .315 | 65.0 | 2.559 | 0° | 0° | 1.0 | RCMT 16 06 M0 | RCMT 16 06 M0 | 6.4 |
| | 20 | .787 | C5-SRDCN-00060-20A | 50 | 40 | 1.575 | 10.0 | .394 | 60.0 | 2.362 | 0° | 0° | 0.6 | RCMT 20 06 M0 | RCMT 20 06 M0 | 9.5 |
| | | | C6-SRDCN-00065-20A | 63 | 40 | 1.575 | 10.0 | .394 | 65.0 | 2.559 | 0° | 0° | 1.0 | RCMT 20 06 M0 | RCMT 20 06 M0 | 9.5 |

1) γ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita ○ | iC | Tornillo de plaquita (rosca) | Llave (Torx Plus) | Placa de apoyo | Tornillo de la placa de apoyo | Llave (mm) |
|---|---|---|---|---|---|---|
| 05 | .197 | 5513 020-05 (M2.2) | 5680 051-02 (7IP) | - | - | - |
| 06 | .236 | 5513 020-03 (M2.5) | 5680 051-02 (7IP) | - | - | - |
| 08 | .315 | 5513 020-04 (M3.0) | 5680 051-03 (9IP) | - | - | - |
| 10 | .394 | 5513 020-10 (M3.5) | 5680 049-01 (15IP) | 5322 110-01 | 5512 090-01 | 5680 049-01 (3.5) |
| 12 | .472 | 5513 020-01 (M3.5) | 5680 049-01 (15IP) | 5322 110-02 | 5512 090-01 | 5680 049-01 (3.5) |
| 16 | .630 | 5513 020-26 (M5.0) | 5680 043-14 (20IP) | 5322 110-03 | 5512 090-06 | 3021 010-050 (5.0) |
| 20 | .787 | 5513 020-14 (M6.0) | 5680 043-15 (25IP) | 5322 110-04 | 5512 090-08 | 3021 010-060 (6.0) |

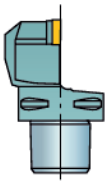
A9
A164
A370
G6
A2
J2

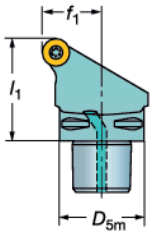
# Unidades de corte Coromant Capto®

## Diseño de sujeción por tornillo CoroTurn® 107

**SRSCR/L**

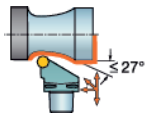
RCMT
RCGX-AL






Entrada de refrigerante: radial a través del cono

A la derecha en la ilustración a menos que se indique lo contrario

| Aplicación principal | ○ | *iC* | **Código de pedido** | Dimensiones, milímetros, pulgadas (mm, $D_{5m}$ | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | $\gamma$ 1) | $\lambda_s$ 2) | kg | Plaquitas calibradoras ISO | ANSI | Nm 3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 06 | .236 | **C3-SRSCR/L-22040-06** | 32 | 22.0 | .866 | 40.0 | 1.575 | 0° | 0° | 0.2 | RCMT 06 02 M0 | RCMT 06 02 M0 | 0.9 |
| | | | **C4-SRSCR/L-27050-06** | 40 | 27.0 | 1.063 | 50.0 | 1.968 | 0° | 0° | 0.4 | RCMT 06 02 M0 | RCMT 06 02 M0 | 0.9 |
| | | | **C5-SRSCR/L-35060-06** | 50 | 35.0 | 1.378 | 60.0 | 2.362 | 0° | 0° | 0.7 | RCMT 06 02 M0 | RCMT 06 02 M0 | 0.9 |
| | 08 | .315 | **C3-SRSCR/L-22040-08** | 32 | 22.0 | .866 | 40.0 | 1.575 | 0° | 0° | 0.2 | RCMT 08 03 M0 | RCMT 08 03 M0 | 1.4 |
| | | | **C4-SRSCR/L-27050-08** | 40 | 27.0 | 1.063 | 50.0 | 1.968 | 0° | 0° | 0.4 | RCMT 08 03 M0 | RCMT 08 03 M0 | 1.4 |
| | | | **C5-SRSCR/L-35060-08** | 50 | 35.0 | 1.378 | 60.0 | 2.362 | 0° | 0° | 0.7 | RCMT 08 03 M0 | RCMT 08 03 M0 | 1.4 |
| | 10 | .394 | **C3-SRSCR/L-22040-10** | 32 | 22.0 | .866 | 40.0 | 1.575 | 0° | 0° | 0.2 | RCMT 10 T3 M0 | RCMT 10 T3 M0 | 3.0 |
| | | | **C4-SRSCR/L-27050-10** | 40 | 27.0 | 1.063 | 50.0 | 1.968 | 0° | 0° | 0.4 | RCMT 10 T3 M0 | RCMT 10 T3 M0 | 3.0 |
| | | | **C5-SRSCR/L-35060-10** | 50 | 35.0 | 1.378 | 60.0 | 2.362 | 0° | 0° | 0.7 | RCMT 10 T3 M0 | RCMT 10 T3 M0 | 3.0 |
| | | | **C6-SRSCR/L-45065-10** | 63 | 45.0 | 1.772 | 65.0 | 2.559 | 0° | 0° | 1.2 | RCMT 10 T3 M0 | RCMT 10 T3 M0 | 3.0 |
| | 12 | .472 | **C4-SRSCR/L-27050-12** | 40 | 27.0 | 1.063 | 50.0 | 1.968 | 0° | 0° | 0.4 | RCMT 12 04 M0 | RCMT 12 04 M0 | 3.0 |
| | | | **C5-SRSCR/L-35060-12** | 50 | 35.0 | 1.378 | 60.0 | 2.362 | 0° | 0° | 0.8 | RCMT 12 04 M0 | RCMT 12 04 M0 | 3.0 |
| | | | **C6-SRSCR/L-45065-12** | 63 | 45.0 | 1.772 | 65.0 | 2.559 | 0° | 0° | 1.2 | RCMT 12 04 M0 | RCMT 12 04 M0 | 3.0 |
| | 16 | .630 | **C5-SRSCR/L-35060-16** | 50 | 35.0 | 1.378 | 60.0 | 2.362 | 0° | 0° | 0.8 | RCMT 16 06 M0 | RCMT 16 06 M0 | 6.4 |
| | | | **C6-SRSCR/L-45065-16** | 63 | 45.0 | 1.772 | 65.0 | 2.559 | 0° | 0° | 1.3 | RCMT 16 06 M0 | RCMT 16 06 M0 | 6.4 |
| | 20 | .787 | **C5-SRSCR/L-35060-20** | 50 | 35.0 | 1.378 | 60.0 | 2.362 | 0° | 0° | 0.8 | RCMT 20 06 M0 | RCMT 20 06 M0 | 9.5 |
| | | | **C6-SRSCR/L-45065-20** | 63 | 45.0 | 1.772 | 65.0 | 2.559 | 0° | 0° | 1.3 | RCMT 20 06 M0 | RCMT 20 06 M0 | 9.5 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm

R = A Derecha, L = A Izquierda

### Piezas de repuesto principales

| Tamaño de plaquita ○ | *iC* | Tornillo de plaquita (rosca) | Llave (Torx Plus) | Placa de apoyo | Tornillo de la placa de apoyo | Llave (mm) |
|---|---|---|---|---|---|---|
| 06 | .236 | 5513 020-03 (M2.5) | 5680 051-02 (7IP) | - | - | - |
| 08 | .315 | 5513 020-04 (M3.0) | 5680 051-03 (9IP) | - | - | - |
| 10 | .394 | 5513 020-10 (M3.5) | 5680 049-01 (15IP) | 5322 110-01 | 5512 090-01 | 5680 049-01 (3.5) |
| 12 | .472 | 5513 020-01 (M3.5) | 5680 049-01 (15IP) | 5322 110-02 | 5512 090-01 | 5680 049-01 (3.5) |
| 16 | .630 | 5513 020-26 (M5.0) | 5680 043-14 (20IP) | 5322 110-03 | 5512 090-06 | 3021 010-050 (5.0) |
| 20 | .787 | 5513 020-14 (M6.0) | 5680 043-15 (25IP) | 5322 110-04 | 5512 090-08 | 3021 010-060 (6.0) |

A9
A165
A370
G6
A2
J2



SANDVIK Coromant

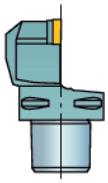
# Unidades de corte Coromant Capto®

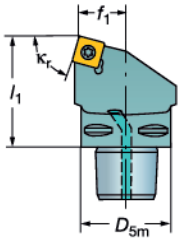
**Diseño de sujeción por tornillo CoroTurn® 107**

**SSRCR/L**

Ángulo de posición: $\kappa_r$ 75°
Ángulo de ataque: 15°

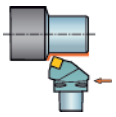
SCMT, SCGX
SCMW






Entrada de refrigerante: radial a través del cono

A la derecha en la ilustración a menos que se indique lo contrario

| Aplicación principal | □ | iC | Código de pedido | Dimensiones, milímetros, pulgadas (mm, pulg.) $D_{5m}$ | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | $\gamma$ 1) | $\lambda_s$ 2) | KG | Plaquitas calibradoras ISO | ANSI | Nm 3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 09 | 3/8 | C3-SSRCR/L-17040-09 | 32 | 17.0 | .669 | 40.0 | 1.575 | 0° | 0° | 0.2 | SCMT 09 T3 08 | SCMT 3(2.5)2 | 3.0 |
| | 12 | 1/2 | C4-SSRCR/L-22050-12 | 40 | 22.0 | .866 | 50.0 | 1.968 | 0° | 0° | 0.3 | SCMT 12 04 08 | SCMT 432 | 3.0 |
| | | | C5-SSRCR/L-27060-12 | 50 | 27.0 | 1.063 | 60.0 | 2.362 | 0° | 0° | 0.6 | SCMT 12 04 08 | SCMT 432 | 3.0 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita □ | iC | Tornillo de plaquita (rosca) | Llave (Torx Plus) | Placa de apoyo | Tornillo de la placa de apoyo | Llave (mm) |
|---|---|---|---|---|---|---|
| 09 | 3/8 | 5513 020-01 (M3.5) | 5680 049-01 (15IP) | 5322 420-01 | 5512 090-01 | 5680 049-01 (3.5) |
| 12 | 1/2 | 5513 020-18 (M4x0.5) | 5680 049-02 (15IP) | 5322 420-02 | 5512 090-03 | 5680 049-02 (4.0) |

A9
A166
A370
G6
A2
J2

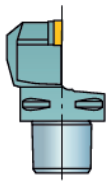
# Unidades de corte Coromant Capto®

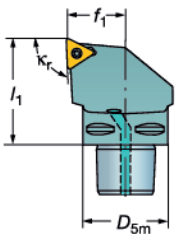
**Diseño de sujeción por tornillo CoroTurn® 107**

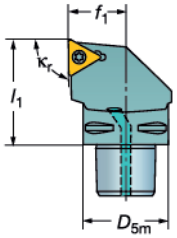
| | STJCR/L | STGCR/L |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 93° | $\kappa_r$ 91° |
| Ángulo de ataque: | -3° | -1° |

TCMT, TCMX, TCGT, TCGX TCEX

TCMW

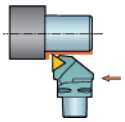





Entrada de refrigerante: radial a través del cono

A la derecha en la ilustración a menos que se indique lo contrario

| Aplicación principal | △ | *iC* | **Código de pedido**[4] | Dimensiones, milímetros, pulgadas (mm, pulg.) $D_{5m}$ | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | $\gamma$[1] | $\lambda_s$[2] | kg | Plaquitas calibradoras ISO | ANSI | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 11 | 1/4 | **C3-STJCR/L-22040-11-B1** | 32 | 22.0 | .866 | 40.0 | 1.575 | 0° | 0° | 0.2 | TCMT 11 03 04 | TCMT 221 | 0.9 |
| | | | **C4-STJCR/L-27050-11-B1** | 40 | 27.0 | 1.063 | 50.0 | 1.968 | 0° | 0° | 0.4 | TCMT 11 03 04 | TCMT 221 | 0.9 |
| | 16 | 3/8 | **C3-STJCR/L-22040-16** | 32 | 22.0 | .866 | 40.0 | 1.575 | 0° | 0° | 0.2 | TCMT 16 T3 08 | TCMT 3(2.5)2 | 3.0 |
| | | | **C4-STJCR/L-27050-16** | 40 | 27.0 | 1.063 | 50.0 | 1.968 | 0° | 0° | 0.4 | TCMT 16 T3 08 | TCMT 3(2.5)2 | 3.0 |
| | | | **C5-STJCR/L-35060-16** | 50 | 35.0 | 1.378 | 60.0 | 2.362 | 0° | 0° | 0.6 | TCMT 16 T3 08 | TCMT 3(2.5)2 | 3.0 |
| | 11 | 1/4 | **C3-STGCR/L-22040-11-B1** | 32 | 22.0 | .866 | 40.0 | 1.575 | 0° | 0° | 0.2 | TCMT 11 03 04 | TCMT 221 | 0.9 |
| | | | **C4-STGCR/L-27050-11-B1** | 40 | 27.0 | 1.063 | 50.0 | 1.968 | 0° | 0° | 0.4 | TCMT 11 03 04 | TCMT 221 | 0.9 |
| | 16 | 3/8 | **C3-STGCR/L-22040-16** | 32 | 22.0 | .866 | 40.0 | 1.575 | 0° | 0° | 0.2 | TCMT 16 T3 08 | TCMT 3(2.5)2 | 3.0 |
| | | | **C4-STGCR/L-27050-16** | 40 | 27.0 | 1.063 | 50.0 | 1.968 | 0° | 0° | 0.4 | TCMT 16 T3 08 | TCMT 3(2.5)2 | 3.0 |
| | | | **C5-STGCR/L-35060-16** | 50 | 35.0 | 1.378 | 60.0 | 2.362 | 0° | 0° | 0.6 | TCMT 16 T3 08 | TCMT 3(2.5)2 | 3.0 |
| | | | **C6-STGCR/L-45065-16** | 63 | 45.0 | 1.772 | 65.0 | 2.559 | 0° | 0° | 1.2 | TCMT 16 T3 08 | TCMT 3(2.5)2 | 3.0 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) B1 al final del código de pedido = para plaquitas con espesor 03 = 3.18 mm (2 = 1/8").

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita △ | *iC* | Tornillo de plaquita (rosca) | Llave (Torx Plus) | Placa de apoyo | Tornillo de la placa de apoyo | Llave (mm) |
|---|---|---|---|---|---|---|
| 11 | 1/4 | 5513 020-03 (M2.5) | 5680 051-02 (7IP) | - | - | - |
| 16 | 3/8 | 5513 020-01 (M3.5) | 5680 049-01 (15IP) | 5322 320-01 | 5512 090-01 | 5680 049-01 (3.5) |

A9
A169
A370
G6
A2
J2



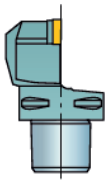
SANDVIK Coromant

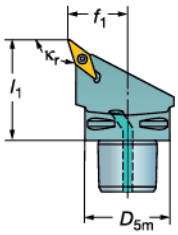
# Unidades de corte Coromant Capto®

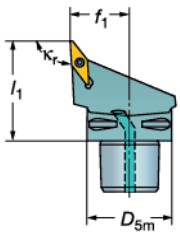
**Diseño de sujeción por tornillo CoroTurn® 107**

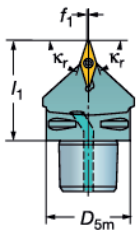
| | SVHBR/L | SVJBR/L | SVVBN |
|---|---|---|---|
| Ángulo de posición: | $\kappa_r$ 107.5° | $\kappa_r$ 93° | $\kappa_r$ 72.5° |
| Ángulo de ataque: | -17.5° | -3° | 17.5° |

VBMT, VBGT
VCGX, VCEX,
VCGT, VCET
VBMW, VCMW





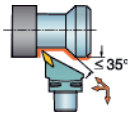
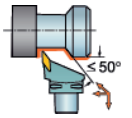
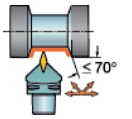




Neutro

Entrada de refrigerante: radial a través del cono

A la derecha en la ilustración a menos que se indique lo contrario

| Aplicación principal | | | | Dimensiones, milímetros, pulgadas (mm, pulg.) | | | | | | | | Plaquitas calibradoras | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | *iC* | **Código de pedido**[4] | $D_{5m}$ | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | $\gamma$[1] | $\lambda_s$[2] | kg | ISO | ANSI | Nm[3] |
|  | 11 | 1/4 | **C3-SVHBR/L-22040-11-B1** | 32 | 22.0 | .866 | 40.0 | 1.575 | 0° | 0° | 0.1 | VBMT 11 03 04 | VBMT 221 | 0.9 |
| | | | **C4-SVHBR/L-27050-11-B1** | 40 | 27.0 | 1.063 | 50.0 | 1.968 | 0° | 0° | 0.3 | VBMT 11 03 04 | VBMT 221 | 0.9 |
| | | | **C3-SVHBR/L-22040-11** | 32 | 22.0 | .866 | 40.0 | 1.575 | 0° | 0° | 0.1 | VBMT 11 02 04 | VBMT 2(1.5)1 | 0.9 |
| | | | **C4-SVHBR/L-27050-11** | 40 | 27.0 | 1.063 | 50.0 | 1.968 | 0° | 0° | 0.3 | VBMT 11 02 04 | VBMT 2(1.5)1 | 0.9 |
| | | | **C5-SVHBR/L-35060-11** | 50 | 35.0 | 1.378 | 60.0 | 2.362 | 0° | 0° | 0.7 | VBMT 11 02 04 | VBMT 2(1.5)1 | 0.9 |
| | 16 | 3/8 | **C4-SVHBR/L-27050-16** | 40 | 27.0 | 1.063 | 50.0 | 1.968 | 0° | 0° | 0.3 | VBMT 16 04 08 | VBMT 332 | 3.0 |
| | | | **C5-SVHBR/L-35060-16** | 50 | 35.0 | 1.378 | 60.0 | 2.362 | 0° | 0° | 0.6 | VBMT 16 04 08 | VBMT 332 | 3.0 |
| | | | **C6-SVHBR/L-45065-16** | 63 | 45.0 | 1.772 | 65.0 | 2.559 | 0° | 0° | 1.0 | VBMT 16 04 08 | VBMT 332 | 3.0 |
|  | 11 | 1/4 | **C3-SVJBR/L-22040-11-B1** | 32 | 22.0 | .866 | 40.0 | 1.575 | 0° | 0° | 0.1 | VBMT 11 03 04 | VBMT 221 | 0.9 |
| | | | **C4-SVJBR/L-27050-11-B1** | 40 | 27.0 | 1.063 | 50.0 | 1.968 | 0° | 0° | 0.3 | VBMT 11 03 04 | VBMT 221 | 0.9 |
| | | | **C3-SVJBR/L-22040-11** | 32 | 22.0 | .866 | 40.0 | 1.575 | 0° | 0° | 0.1 | VBMT 11 02 04 | VBMT 2(1.5)1 | 0.9 |
| | | | **C4-SVJBR/L-27050-11** | 40 | 27.0 | 1.063 | 50.0 | 1.968 | 0° | 0° | 0.3 | VBMT 11 02 04 | VBMT 2(1.5)1 | 0.9 |
| | | | **C5-SVJBR/L-35060-11** | 50 | 35.0 | 1.378 | 60.0 | 2.362 | 0° | 0° | 0.7 | VBMT 11 02 04 | VBMT 2(1.5)1 | 0.9 |
| | 16 | 3/8 | **C4-SVJBR/L-27050-16** | 40 | 27.0 | 1.063 | 50.0 | 1.968 | 0° | 0° | 0.3 | VBMT 16 04 08 | VBMT 332 | 3.0 |
| | | | **C5-SVJBR/L-35060-16** | 50 | 35.0 | 1.378 | 60.0 | 2.362 | 0° | 0° | 0.6 | VBMT 16 04 08 | VBMT 332 | 3.0 |
| | | | **C6-SVJBR/L-45065-16** | 63 | 45.0 | 1.772 | 65.0 | 2.559 | 0° | 0° | 1.0 | VBMT 16 04 08 | VBMT 332 | 3.0 |
|  | 11 | 1/4 | **C3-SVVBN-00040-11-B1** | 32 | 0.3 | .012 | 40.0 | 1.575 | 0° | 0° | 0.1 | VBMT 11 03 04 | VBMT 221 | 0.9 |
| | | | **C4-SVVBN-00050-11-B1** | 40 | 0.3 | .012 | 50.0 | 1.968 | 0° | 0° | 0.3 | VBMT 11 03 04 | VBMT 221 | 0.9 |
| | | | **C3-SVVBN-00040-11** | 32 | 0.3 | .012 | 40.0 | 1.575 | 0° | 0° | 0.1 | VBMT 11 02 04 | VBMT 2(1.5)1 | 0.9 |
| | | | **C4-SVVBN-00050-11** | 40 | 0.3 | .012 | 50.0 | 1.968 | 0° | 0° | 0.3 | VBMT 11 02 04 | VBMT 2(1.5)1 | 0.9 |
| | 16 | 3/8 | **C4-SVVBN-00050-16** | 40 | 0.6 | .024 | 50.0 | 1.968 | 0° | 0° | 0.3 | VBMT 16 04 08 | VBMT 332 | 3.0 |
| | | | **C5-SVVBN-00060-16** | 50 | 0.6 | .024 | 60.0 | 2.362 | 0° | 0° | 0.5 | VBMT 16 04 08 | VBMT 332 | 3.0 |
| | | | **C6-SVVBN-00065-16** | 63 | 0.6 | .024 | 65.0 | 2.559 | 0° | 0° | 0.9 | VBMT 16 04 08 | VBMT 332 | 3.0 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) B1 al final del código de pedido = para plaquitas con espesor 03 = 3.18 mm (2 = 1/8").

R = A Derecha, L = A Izquierda
N = Neutro

## Piezas de repuesto principales

| Tamaño de plaquita | | | | | | |
|---|---|---|---|---|---|---|
| | *iC* | Tornillo de plaquita (rosca) | Llave (Torx Plus) | Placa de apoyo | Tornillo de la placa de apoyo | Llave (mm) |
| 11 | 1/4 | 5513 020-03 (M2.5) | 5680 051-02 (7IP) | - | - | - |
| 16 | 3/8 | 5513 020-01 (M3.5) | 5680 049-01 (15IP) | 5322 270-01 | 5512 090-01 | 5680 049-01 (3.5) |

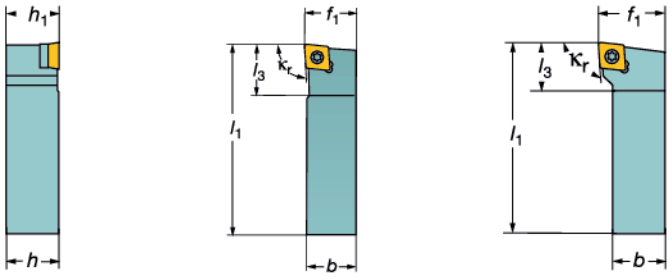
A9
A170
A370
G6
A2
J2

# Herramientas con mango

**Diseño de sujeción por tornillo CoroTurn® 107**

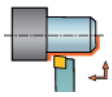
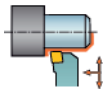
| | **SCLCR/L-S** | **SCLCR/L** |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 95° | $\kappa_r$ 95° |
| Ángulo de ataque: | -5° | -5° |
| | Específico para mecanizado de piezas pequeñas | |

CCMT, CCGT
CCGX, CCET
CCMW

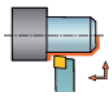
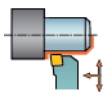



A la derecha en la ilustración a menos que se indique lo contrario

## Versión métrica

| Aplicación principal | □ | Código de pedido | Dimensiones, mm b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 06 | **SCLCR/L 0808K 06-S** | 8 | 8 | 8 | 8 | 125 | 8 | 0° | 0° | CCMT 06 02 04 | 0.9 |
| | | **SCLCR/L 1010K 06-S** | 10 | 10 | 10 | 10 | 125 | 10 | 0° | 0° | CCMT 06 02 04 | 0.9 |
| | | **SCLCR/L 1212K 06-S** | 12 | 12 | 12 | 12 | 125 | 12 | 0° | 0° | CCMT 06 02 04 | 0.9 |
| | | **SCLCR/L 1616K 06-S** | 16 | 16 | 16 | 16 | 125 | 16 | 0° | 0° | CCMT 06 02 04 | 0.9 |
| | 09 | **SCLCR/L 1212K 09-S** | 12 | 12 | 12 | 12 | 125 | 12 | 0° | 0° | CCMT 09 T3 08 | 3.0 |
| | | **SCLCR/L 1616K 09-S** | 16 | 16 | 16 | 16 | 125 | 16 | 0° | 0° | CCMT 09 T3 08 | 3.0 |
|  | 06 | **SCLCR/L 0808D 06** | 8 | 10 | 8 | 8 | 60 | 11 | 0° | 0° | CCMT 06 02 04 | 0.9 |
| | | **SCLCR/L 1010E 06** | 10 | 12 | 10 | 10 | 70 | 11 | 0° | 0° | CCMT 06 02 04 | 0.9 |
| | 09 | **SCLCR/L 1212F 09-M** | 12 | 16 | 12 | 12 | 80 | 15.6 | 0° | 0° | CCMT 09 T3 08 | 3.0 |
| | | **SCLCR/L 1616H 09** | 16 | 20 | 16 | 16 | 100 | 16.8 | 0° | 0° | CCMT 09 T3 08 | 3.0 |
| | | **SCLCR/L 2020K 09** | 20 | 25 | 20 | 20 | 125 | 17.8 | 0° | 0° | CCMT 09 T3 08 | 3.0 |
| | 12 | **SCLCR/L 2020K 12** | 20 | 25 | 20 | 20 | 125 | 21.7 | 0° | 0° | CCMT 12 04 08 | 3.0 |
| | | **SCLCR/L 2525M 12** | 25 | 32 | 25 | 25 | 150 | 23.7 | 0° | 0° | CCMT 12 04 08 | 3.0 |

## Versión en pulgadas

| Aplicación principal | iC | Código de pedido | Dimensiones, pulgadas b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/4 | **SCLCR/L 062C-S** | .375 | .375 | .375 | .375 | 5.000 | .375 | 0° | 0° | CCMT 2(1.5)1 | 0.7 |
| | | **SCLCR/L 082C-S** | .500 | .500 | .500 | .500 | 5.000 | .500 | 0° | 0° | CCMT 2(1.5)1 | 0.7 |
| | | **SCLCR/L 102C-S** | .625 | .625 | .625 | .625 | 5.000 | .625 | 0° | 0° | CCMT 2(1.5)1 | 0.7 |
| | 3/8 | **SCLCR/L 083C-S** | .500 | .500 | .500 | .500 | 5.000 | .500 | 0° | 0° | CCMT 3(2.5)2 | 2.2 |
| | | **SCLCR/L 103C-S** | .625 | .625 | .625 | .625 | 5.000 | .625 | 0° | 0° | CCMT 3(2.5)2 | 2.2 |
| | | **SCLCR/L 123C-S** | .750 | .750 | .750 | .750 | 5.000 | .750 | 0° | 0° | CCMT 3(2.5)2 | 2.2 |
|  | 1/4 | **SCLCR/L 06 2** | .375 | .500 | .375 | .375 | 2.500 | .390 | | | CCMT 2(1.5)1 | 0.7 |
| | 3/8 | **SCLCR/L 08 3** | .500 | .625 | .500 | .500 | 3.500 | .390 | 0° | 0° | CCMT 3(2.5)2 | 2.2 |
| | | **SCLCR/L 10 3** | .625 | .750 | .625 | .625 | 4.000 | .630 | 0° | 0° | CCMT 3(2.5)2 | 2.2 |
| | | **SCLCR/L 12 3B** | .750 | 1.000 | .750 | .750 | 4.500 | .630 | 0° | 0° | CCMT 3(2.5)2 | 2.2 |
| | | **SCLCR/L 16 3D** | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | .630 | 0° | 0° | CCMT 3(2.5)2 | 2.2 |
| | 1/2 | **SCLCR/L 12 4B** | .750 | 1.000 | .750 | .750 | 4.500 | .830 | 0° | 0° | CCMT 432 | 2.2 |
| | | **SCLCR/L 16 4D** | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | .830 | 0° | 0° | CCMT 432 | 2.2 |
| | | **SCLCR/L 20 4D** | 1.250 | 1.500 | 1.250 | 1.250 | 6.000 | .830 | 0° | 0° | CCMT 432 | 2.2 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita □ | iC | Tornillo de plaquita (rosca) | Llave (Torx Plus) | Placa de apoyo | Tornillo de la placa de apoyo | Llave (mm) |
|---|---|---|---|---|---|---|
| 06 | 1/4 | 5513 020-03 (M2.5) | 5680 051-02 (7IP) | - | - | - |
| 09[1] | 3/8[1] | 5513 020-10 (M3.5) | 5680 049-01 (15IP) | - | - | - |
| 09[2] | 3/8[2] | 5513 020-09 (M3.5) | 5680 049-01(15IP) | - | - | - |
| 09 | 3/8 | 5513 020-01 (M3.5) | 5680 049-01 (15IP) | 5322 232-01 | 5512 090-01 | 5680 049-01 (3.5) |
| 12 | 1/2 | 5513 020-18 (M4.0) | 5680 049-02 (15IP) | 5322 232-02 | 5512 090-03 | 5680 049-02 (4.0) |

1) Sólo para SCLCR/L1212F09-M
2) Sólo para herramientas con -S al final del código de pedido

A10
A154
A371
G6
A2
J2



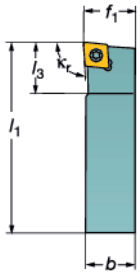
SANDVIK Coromant

# Herramientas con mango

## Diseño de sujeción por tornillo CoroTurn® 107

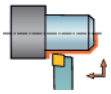
**SCACR/L-S**
Ángulo de posición: $\kappa_r$ 90°
Ángulo de ataque: 0°
Específico para mecanizado de piezas pequeñas

CCMT, CCGT
CCGX, CCET
CCMW

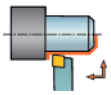



A la derecha en la ilustración a menos que se indique lo contrario

### Versión métrica

| Aplicación principal | □ | Código de pedido | Dimensiones, mm b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | γ[1] | λs[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 06 | **SCACR/L 0808K 06-S** | 8 | 8 | 8 | 8 | 125 | 8 | 0° | 0° | CCMT 06 02 04 | 0.9 |
| | | **SCACR/L 1010K 06-S** | 10 | 10 | 10 | 10 | 125 | 10 | 0° | 0° | CCMT 06 02 04 | 0.9 |
| | | **SCACR/L 1212K 06-S** | 12 | 12 | 12 | 12 | 125 | 12 | 0° | 0° | CCMT 06 02 04 | 0.9 |
| | 09 | **SCACR/L 1212K 09-S** | 12 | 12 | 12 | 12 | 125 | 12 | 0° | 0° | CCMT 09 T3 08 | 3.0 |
| | | **SCACR/L 1616K 09-S** | 16 | 16 | 16 | 16 | 125 | 16 | 0° | 0° | CCMT 09 T3 08 | 3.0 |

### Versión en pulgadas

| Aplicación principal | iC | Código de pedido | Dimensiones, pulgadas b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | γ[1] | λs[2] | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/4 | **SCACR/L 062C-S** | .375 | .375 | .375 | .375 | 5.000 | .375 | 0° | 0° | CCMT 2(1.5)1 | 0.7 |
| | | **SCACR/L 082C-S** | .500 | .500 | .500 | .500 | 5.000 | .500 | 0° | 0° | CCMT 2(1.5)1 | 0.7 |
| | | **SCACR/L 102C-S** | .625 | .625 | .625 | .625 | 5.000 | .625 | 0° | 0° | CCMT 2(1.5)1 | 0.7 |
| | 3/8 | **SCACR/L 083C-S** | .500 | .500 | .500 | .500 | 5.000 | .500 | 0° | 0° | CCMT 3(2.5)2 | 2.2 |
| | | **SCACR/L 103C-S** | .625 | .625 | .625 | .625 | 5.000 | .625 | 0° | 0° | CCMT 3(2.5)2 | 2.2 |
| | | **SCACR/L 123C-S** | .750 | .750 | .750 | .750 | 5.000 | .750 | 0° | 0° | CCMT 3(2.5)2 | 2.2 |

1) γ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

### Piezas de repuesto principales

| Tamaño de plaquita □ | iC | Tornillo de plaquita (rosca) | Llave (Torx Plus) | Placa de apoyo | Tornillo de la placa de apoyo | Llave (mm) |
|---|---|---|---|---|---|---|
| 06 | 1/4 | 5513 020-03 (M2.5) | 5680 051-02 (7IP) | - | - | - |
| 09 | 3/8 | 5513 020-09 (M3.5) | 5680 049-01(15IP) | - | - | - |

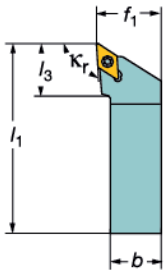
A10
A108
A353
G6
A2
J2

# Herramientas con mango

**Diseño de sujeción por tornillo CoroTurn® 107**

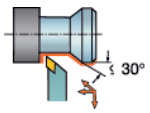
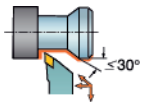
| | **SDJCR/L-S** | **SDJCR/L** |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 93° | $\kappa_r$ 93° |
| Ángulo de ataque: | -3° | -3° |
| | Específico para mecanizado de piezas pequeñas | |

DCMT, DCMX
DCGT, DCGX, DCET
DCMW

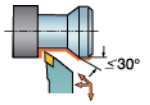
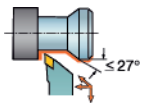



A la derecha en la ilustración a menos que se indique lo contrario

## Versión métrica

| Aplicación principal | | Código de pedido | Dimensiones, mm b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma$1) | $\lambda_s$2) | Plaquitas calibradoras | Nm3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 07 | **SDJCR/L 0808K 07-S** | 8 | 8 | 8 | 8 | 125 | 12.7 | 0° | 0° | DCMT 07 02 04 | 0.9 |
| | | **SDJCR/L 1010K 07-S** | 10 | 10 | 10 | 10 | 125 | 15 | 0° | 0° | DCMT 07 02 04 | 0.9 |
| | | **SDJCR/L 1212K 07-S** | 12 | 12 | 12 | 12 | 125 | 15 | 0° | 0° | DCMT 07 02 04 | 0.9 |
| | | **SDJCR/L 1616K 07-S** | 16 | 16 | 16 | 16 | 125 | 16 | 0° | 0° | DCMT 07 02 04 | 0.9 |
| | 11 | **SDJCR/L 1212K 11-S** | 12 | 12 | 12 | 12 | 125 | 18 | 0° | 0° | DCMT 11 T3 08 | 3.0 |
| | | **SDJCR/L 1616K 11-S** | 16 | 16 | 16 | 16 | 125 | 20 | 0° | 0° | DCMT 11 T3 08 | 3.0 |
|  | 07 | **SDJCR/L 1010E 07** | 10 | 12 | 10 | 10 | 70 | 15.7 | 0° | 0° | DCMT 07 02 04 | 0.9 |
| | | **SDJCR/L 1212F 07** | 12 | 16 | 12 | 12 | 80 | 15.5 | 0° | 0° | DCMT 07 02 04 | 0.9 |
| | | **SDJCR/L 1616H 07** | 16 | 20 | 16 | 16 | 100 | 16 | 0° | 0° | DCMT 07 02 04 | 0.9 |
| | | **SDJCR/L 2020K 07** | 20 | 25 | 20 | 20 | 125 | 17.4 | 0° | 0° | DCMT 07 02 04 | 0.9 |
| | 11 | **SDJCR/L 1616H 11** | 16 | 20 | 16 | 16 | 100 | 20.3 | 0° | 0° | DCMT 11 T3 08 | 3.0 |
| | | **SDJCR/L 2020K 11** | 20 | 25 | 20 | 20 | 125 | 21.9 | 0° | 0° | DCMT 11 T3 08 | 3.0 |
| | | **SDJCR/L 2525M 11** | 25 | 32 | 25 | 25 | 150 | 24.4 | 0° | 0° | DCMT 11 T3 08 | 3.0 |

## Versión en pulgadas

| Aplicación principal | *iC* | Código de pedido | Dimensiones, pulgadas b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma$1) | $\lambda_s$2) | Plaquitas calibradoras | p-lbs4) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/4 | **SDJCR/L 062C-S** | .375 | .375 | .375 | .375 | 5.000 | .590 | 0° | 0° | DCMT 2(1.5)1 | 0.7 |
| | | **SDJCR/L 082C-S** | .500 | .500 | .500 | .500 | 5.000 | .670 | 0° | 0° | DCMT 2(1.5)1 | 0.7 |
| | | **SDJCR/L 102C-S** | .625 | .625 | .625 | .625 | 5.000 | .670 | 0° | 0° | DCMT 2(1.5)1 | 0.7 |
| | 3/8 | **SDJCR/L 083C-S** | .500 | .500 | .500 | .500 | 5.000 | .940 | 0° | 0° | DCMT 3(2.5)2 | 2.2 |
| | | **SDJCR/L 103C-S** | .625 | .625 | .625 | .625 | 5.000 | .940 | 0° | 0° | DCMT 3(2.5)2 | 2.2 |
| | | **SDJCR/L 123C-S** | .750 | .750 | .750 | .750 | 5.000 | .940 | 0° | 0° | DCMT 3(2.5)2 | 2.2 |
|  | 1/4 | **SDJCR/L 06 2** | .375 | .500 | .375 | .375 | 2.500 | .590 | 0° | 0° | DCMT 2(1.5)1 | 0.7 |
| | | **SDJCR/L 08 2** | .500 | .625 | .500 | .500 | 3.500 | .670 | 0° | 0° | DCMT 2(1.5)1 | 0.7 |
| | | **SDJCR/L 10 2** | .625 | .750 | .625 | .625 | 4.000 | .670 | 0° | 0° | DCMT 2(1.5)1 | 0.7 |
| | | **SDJCR/L 12 2B** | .750 | 1.000 | .750 | .750 | 4.500 | .710 | 0° | 0° | DCMT 2(1.5)1 | 0.7 |
| | 3/8 | **SDJCR/L 12 3B** | .750 | 1.000 | .750 | .750 | 4.500 | .940 | 0° | 0° | DCMT 3(2.5)2 | 2.2 |
| | | **SDJCR/L 16 3C** | 1.000 | 1.250 | 1.000 | 1.000 | 5.000 | 1.100 | 0° | 0° | DCMT 3(2.5)2 | 2.2 |
| | | **SDJCR/L 16 3D** | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | 1.100 | 0° | 0° | DCMT 3(2.5)2 | 2.2 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita | | Tornillo de plaquita (rosca) | Llave (Torx Plus) | Placa de apoyo | Tornillo de la placa de apoyo | Llave (mm) |
|---|---|---|---|---|---|---|
| *iC* | | | | | | |
| 07 | 1/4 | 5513 020-03 (M2.5) | 5680 051-02 (7IP) | - | - | - |
| 11 | 3/8 | 5513 020-01 (M3.5) | 5680 049-01 (15IP) | 5322 263-01 | 5512 090-01 | 5680 049-01 (3.5) |
| 111) | 3/81) | 5513 020-09 (M3.5) | 5680 049-01 (15IP) | - | - | - |

1) Sólo para herramientas con -S al final del código de pedido.

A10
A108
A371
G6
A2
J2



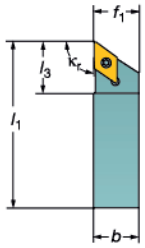
SANDVIK Coromant

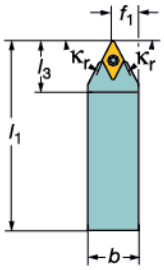
# Herramientas con mango

**Diseño de sujeción por tornillo CoroTurn® 107**

| | **SDACR/L-S** | **SDPCN, SDPCN-S SDNCN, SDNCN-S** |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 90° | $\kappa_r$ 62.5° |
| Ángulo de ataque: | 0° | 27.5° |
| | Específico para mecanizado de piezas pequeñas | Específico para mecanizado de piezas pequeñas |

DCMT, DCMX
DCGT, DCGX, DCET
DCMW

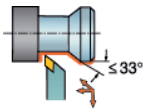
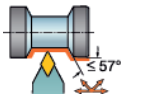


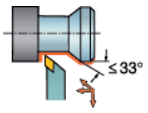
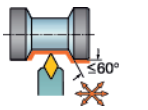

Neutro

A la derecha en la ilustración a menos que se indique lo contrario

## Versión métrica

| Aplicación principal | | Código de pedido | Dimensiones, mm b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 07 | SDACR/L0808K 07-S | 8 | 8 | 8 | 8 | 125 | 12.7 | 0° | 0° | DCMT 07 02 04 | 0.9 |
| | | SDACR/L 1010K 07-S | 10 | 10 | 10 | 10 | 125 | 15 | 0° | 0° | DCMT 07 02 04 | 0.9 |
| | | SDACR/L 1212K 07-S | 12 | 12 | 12 | 12 | 125 | 15 | 0° | 0° | DCMT 07 02 04 | 0.9 |
| | 11 | SDACR/L 1212K 11-S | 12 | 12 | 12 | 12 | 125 | 18 | 0° | 0° | DCMT 11 T3 08 | 3.0 |
| | | SDACR/L 1616K 11-S | 16 | 16 | 16 | 16 | 125 | 20 | 0° | 0° | DCMT 11 T3 08 | 3.0 |
|  | 07 | SDNCN 1010E 07 | 10 | 5.2 | 10 | 10 | 70 | 14.5 | 0° | 0° | DCMT 07 02 04 | 0.9 |
| | | SDNCN 1212F 07 | 12 | 6.2 | 12 | 12 | 80 | 14.5 | 0° | 0° | DCMT 07 02 04 | 0.9 |
| | 11 | SDNCN 1616H 11 | 16 | 8.5 | 16 | 16 | 100 | 21.9 | 0° | 0° | DCMT 11 T3 08 | 3.0 |
| | | SDNCN 2020K 11 | 20 | 10.5 | 20 | 20 | 125 | 21.9 | 0° | 0° | DCMT 11 T3 08 | 3.0 |
| | | SDNCN 2525M 11 | 25 | 13 | 25 | 25 | 150 | 22.2 | 0° | 0° | DCMT 11 T3 08 | 3.0 |
| | 07 | SDNCN 1010K 07-S | 10 | 5.2 | 10 | 10 | 125 | 15 | 0° | 0° | DCMT 07 02 04 | 0.9 |
| | 11 | SDNCN 1212K 11-S | 12 | 6.2 | 12 | 12 | 125 | 21 | 0° | 0° | DCMT 11 T3 08 | 3.0 |
| | | SDNCN 1616K 11-S | 16 | 8.5 | 16 | 16 | 125 | 21 | 0° | 0° | DCMT 11 T3 08 | 3.0 |

## Versión en pulgadas

| Aplicación principal | iC | Código de pedido | Dimensiones, pulgadas b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/4 | SDACR/L 062C-S | .375 | .375 | .375 | .375 | 5.000 | .500 | 0° | 0° | DCMT 2(1.5)1 | 0.7 |
| | | SDACR/L 082C-S | .500 | .500 | .500 | .500 | 5.000 | .500 | 0° | 0° | DCMT 2(1.5)1 | 0.7 |
| | | SDACR/L 102C-S | .625 | .625 | .625 | .625 | 5.000 | .625 | 0° | 0° | DCMT 2(1.5)1 | 0.7 |
| | 3/8 | SDACR/L 083C-S | .500 | .500 | .500 | .500 | 5.000 | .750 | 0° | 0° | DCMT 3(2.5)2 | 2.2 |
| | | SDACR/L 103C-S | .625 | .625 | .625 | .625 | 5.000 | .750 | 0° | 0° | DCMT 3(2.5)2 | 2.2 |
| | | SDACR/L 123C-S | .750 | .750 | .750 | .750 | 5.000 | .750 | 0° | 0° | DCMT 3(2.5)2 | 2.2 |
|  | 1/4 | SDPCN 06 2 | .375 | .216 | .375 | .375 | 2.500 | .571 | 0° | 0° | DCMT 2(1.5)1 | 0.7 |
| | | SDPCN 08 2 | .500 | .279 | .500 | .500 | 3.482 | .571 | 0° | 0° | DCMT 2(1.5)1 | 0.7 |
| | 3/8 | SDPCN 083C-S | .500 | .251 | .500 | .500 | 5.000 | .830 | 0° | 0° | DCMT 3(2.5)2 | 2.2 |
| | | SDPCN 10 3 | .625 | .341 | .625 | .625 | 4.000 | .862 | 0° | 0° | DCMT 3(2.5)2 | 2.2 |
| | | SDPCN 103C-S | .625 | .331 | .625 | .625 | 5.000 | .830 | 0° | 0° | DCMT 3(2.5)2 | 2.2 |
| | | SDPCN 12 3B | .750 | .404 | .750 | .750 | 4.500 | .862 | 0° | 0° | DCMT 3(2.5)2 | 2.2 |
| | | SDPCN 123C-S | .750 | .394 | .750 | .750 | 5.000 | .830 | 0° | 0° | DCMT 3(2.5)2 | 2.2 |
| | | SDPCN 16 3C | 1.000 | .529 | 1.000 | 1.000 | 5.000 | .890 | 0° | 0° | DCMT 3(2.5)2 | 2.2 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

N = Neutra, R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita | | Tornillo de plaquita (rosca) | Llave (Torx Plus) | Placa de apoyo | Tornillo de la placa de apoyo | Llave (mm) |
|---|---|---|---|---|---|---|
| iC | | | | | | |
| 07 | 1/4 | 5513 020-03 (M2.5) | 5680 051-02 (7IP) | - | - | - |
| 11 | 3/8 | 5513 020-01 (M3.5) | 5680 049-01 (15IP) | 5322 263-01 | 5512 090-01 | 5680 049-01 (3.5) |
| 11[1] | 3/8[1] | 5513 020-09 (M3.5) | 5680 049-01 (15IP) | - | - | - |

1) Sólo para herramientas con -S al final del código de pedido.

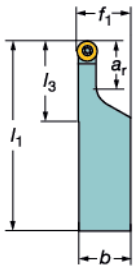
A10
A108
A369
G6
A2
J2

# Herramientas con mango

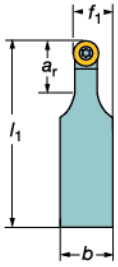
**Diseño de sujeción por tornillo CoroTurn® 107**

RCMT
RCGX-AL

**SRACR/L**
**SRDCR/L**



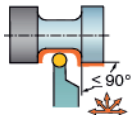
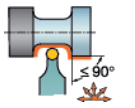

**SRDCN**



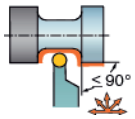
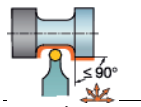

Neutro

A la derecha en la ilustración a menos que se indique lo contrario

## Versión métrica

| Aplicación principal | iC | Código de pedido | Dimensiones, mm $a_r$ | $b$ | $f_1$ | $h$ | $h_1$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda_s^{2)}$ | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 05 | SRDCR/L 3225P 05-A | 20 | 25 | 25.5 | 32 | 32 | 170 | 35 | 0° | 0° | RCMT 05 02 M0 | 0.9 |
| | 06 | SRDCR/L 2020K 06-A | 20 | 20 | 20.5 | 20 | 20 | 125 | 32 | 0° | 0° | RCMT 06 02 M0 | 0.9 |
| | | SRDCR/L 3225P 06-A | 20 | 25 | 25.5 | 32 | 32 | 170 | 35 | 0° | 0° | RCMT 06 02 M0 | 0.9 |
| | 08 | SRDCR/L 2020K 08-A | 20 | 20 | 20.5 | 20 | 20 | 125 | 32 | 0° | 0° | RCMT 08 03 M0 | 1.4 |
| | | SRDCR/L 2525M 08-A | 20 | 25 | 25.5 | 25 | 25 | 150 | 35 | 0° | 0° | RCMT 08 03 M0 | 1.4 |
| | | SRDCR/L 3225P 08-A | 20 | 25 | 25.5 | 32 | 32 | 170 | 35 | 0° | 0° | RCMT 08 03 M0 | 1.4 |
|  | 05 | SRDCN 1010E 05 | 10 | 10 | 7.5 | 10 | 10 | 70 | | 0° | 0° | RCMT 05 02 M0 | 0.9 |
| | 06 | SRDCN 1212F 06 | 12 | 12 | 9 | 12 | 12 | 80 | | 0° | 0° | RCMT 06 02 M0 | 0.9 |
| | 08 | SRDCN 1616H 08 | 16 | 16 | 12 | 16 | 16 | 100 | | 0° | 0° | RCMT 08 03 M0 | 1.4 |
| | 10 | SRDCN 2020K 10-A | 25 | 20 | 15 | 20 | 20 | 125 | | 0° | 0° | RCMT 10 T3 M0 | 3.0 |
| | | SRDCN 2525M 10-A | 25 | 25 | 17.5 | 25 | 25 | 150 | | 0° | 0° | RCMT 10 T3 M0 | 3.0 |
| | | SRDCN 3225P 10-A | 28 | 25 | 17.5 | 32 | 32 | 170 | | 0° | 0° | RCMT 10 T3 M0 | 3.0 |
| | 12 | SRDCN 2020K 12-A | 25 | 20 | 16 | 20 | 20 | 125 | | 0° | 0° | RCMT 12 04 M0 | 3.0 |
| | | SRDCN 2525M 12-A | 28 | 25 | 18.5 | 25 | 25 | 150 | | 0° | 0° | RCMT 12 04 M0 | 3.0 |
| | | SRDCN 3225P 12-A | 28 | 25 | 18.5 | 32 | 32 | 170 | | 0° | 0° | RCMT 12 04 M0 | 3.0 |
| | 16 | SRDCN 2525M 16-A | 35 | 25 | 20.5 | 25 | 32 | 150 | | 0° | 0° | RCMT 16 06 M0 | 6.4 |
| | | SRDCN 3225P 16-A | 35 | 25 | 20.5 | 32 | 32 | 170 | | 0° | 0° | RCMT 16 06 M0 | 6.4 |
| | 20 | SRDCN 3232P 20-A | 40 | 32 | 26 | 32 | 32 | 170 | | 0° | 0° | RCMT 20 06 M0 | 9.5 |

## Versión en pulgadas

| Aplicación principal | iC | Código de pedido | Dimensiones, pulgadas $a_r$ | $b$ | $f_1$ | $h$ | $h_1$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda_s^{2)}$ | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/4 | SRACR/L 16 2D | 1.000 | 1.000 | 1.015 | 1.000 | 1.000 | 6.000 | | 0° | 0° | RCMT 22 | 0.7 |
| | | SRACR/L 20 2D | 1.000 | 1.250 | 1.265 | 1.250 | 1.250 | 6.000 | | | | RCMT 22 | 0.7 |
| | 3/8 | SRACR/L 16 3D | 1.000 | 1.000 | 1.015 | 1.000 | 1.000 | 6.000 | | 0° | 0° | RCMT 3(2.5) | 1.0 |
| | | SRACR/L 20 3D | 1.000 | 1.250 | 1.325 | 1.250 | 1.250 | 6.000 | | 0° | 0° | RCMT 3(2.5) | 1.0 |
| | 1/2 | SRACR/L 16 4D | 1.000 | 1.000 | 1.015 | 1.000 | 1.000 | 6.000 | 1.000 | 0° | 0° | RCMT 43 | 2.1 |
| | | SRACR/L 20 4D | 1.000 | 1.250 | 1.265 | 1.250 | 1.250 | 6.000 | | 0° | 0° | RCMT 43 | 2.1 |
|  | 1/4 | SRDCN 08 2 | .500 | .500 | .372 | .500 | .500 | 3.500 | | 0° | 0° | RCMT 22 | 0.7 |
| | 3/8 | SRDCN 10 3 | .625 | .625 | .497 | .625 | .625 | 4.000 | | 0° | 0° | RCMT 3(2.5) | 1.0 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

N = Neutra, R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita iC | Tornillo de plaquita (rosca) | Llave (Torx Plus) | Placa de apoyo | Tornillo de la placa de apoyo | Llave (mm) |
|---|---|---|---|---|---|
| 06 1/4 | 5513 020-03 (M2.5) | 5680 051-02 (7IP) | - | - | - |
| 3/8 | 5513 020-12 (M3.5) | 5680 051-03 (9IP) | 5322 120-01 | - | - |
| 12 1/2 | 5513 020-13 (M4) | 5680 049-01 (15IP) | 5322 120-02 | - | - |
| 05 .197 | 5513 020-05 (M2.2) | 5680 051-02 (7IP) | - | - | - |
| 06 .236 | 5513 020-03 (M2.5) | 5680 051-02 (7IP) | - | - | - |
| 08 .315 | 5513 020-04 (M3.0) | 5680 051-03 (9IP) | - | - | - |
| 10 .394 | 5513 020-10 (M3.5) | 5680 049-01 (15IP) | 5322 110-01 | 5512 090-01 | 5680 049-01 (3.5) |
| 12 .472 | 5513 020-01 (M3.5) | 5680 049-01 (15IP) | 5322 110-02 | 5512 090-01 | 5680 049-01 (3.5) |
| 16 .630 | 5513 020-26 (M5.0) | 5680 043-14 (20IP) | 5322 110-03 | 5512 090-06 | 3021 010-050 (5.0) |
| 20 .787 | 5513 020-14 (M6.0) | 5680 043-15 (25IP) | 5322 110-04 | 5512 090-08 | 3021 010-060 (6.0) |

A10

A155

A370

G6

A2

J2



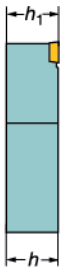
SANDVIK Coromant

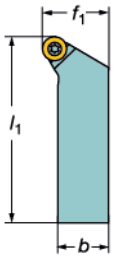
# Herramientas con mango

## Diseño de sujeción por tornillo CoroTurn® 107

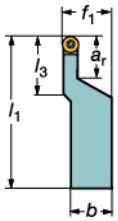
RCMT
RCGX-AL

**SRGCR/L**
**SRSCR/L**
(Métrico)



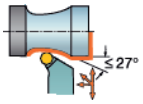




**SRSCR/L**
(Pulgadas)

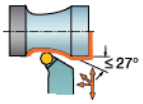
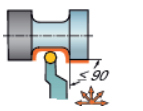



A la derecha en la ilustración a menos que se indique lo contrario

### Versión métrica

| Aplicación principal | iC | Código de pedido | Dimensiones, mm b | f1 | h | h1 | l1 | γ1) | λs2) | Plaquitas calibradoras | Nm3) |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 05 | SRSCR/L 3225P 05 | 25 | 32 | 32 | 32 | 170 | 0° | 0° | RCMT 05 02 M0 | 0.9 |
| | 06 | SRSCR/L 3225P 06 | 25 | 32 | 32 | 32 | 170 | 0° | 0° | RCMT 06 02 M0 | 0.9 |
| | 08 | SRSCR/L 3225P 08 | 25 | 32 | 32 | 32 | 170 | 0° | 0° | RCMT 08 03 M0 | 1.4 |
| | 10 | SRSCR/L 2020K 10 | 20 | 25 | 20 | 20 | 125 | 0° | 0° | RCMT 10 T3 M0 | 3.0 |
| | | SRSCR/L 2525M 10 | 25 | 32 | 25 | 25 | 150 | 0° | 0° | RCMT 10 T3 M0 | 3.0 |
| | 12 | SRSCR/L 2525M 12 | 25 | 32 | 25 | 25 | 150 | 0° | 0° | RCMT 12 04 M0 | 3.0 |
| | | SRSCR/L 3225P 12 | 25 | 32 | 32 | 32 | 170 | 0° | 0° | RCMT 12 04 M0 | 3.0 |
| | 16 | SRSCR/L 3225P 16 | 25 | 32 | 32 | 32 | 170 | 0° | 0° | RCMT 16 06 M0 | 6.4 |
| | 20 | SRSCR/L 3232P 20 | 32 | 40 | 32 | 32 | 170 | 0° | 0° | RCMT 20 06 M0 | 9.5 |

### Versión en pulgadas

| Aplicación principal | iC | Código de pedido | Dimensiones, pulgadas ar | b | f1 | h | h1 | l1 | l3 | γ1) | λs2) | Plaquitas calibradoras | p-lbs4) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 3/8 | SRGCR/L 12 3B | | .750 | 1.000 | .750 | .750 | 4.500 | | 0° | 0° | RCMT 3(2.5) | 1.0 |
| | | SRGCR/L 16 3D | | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | | 0° | 0° | RCMT 3(2.5) | 1.0 |
| | 1/2 | SRGCR/L 16 4C | | 1.000 | 1.250 | 1.000 | 1.000 | 5.000 | | 0° | 0° | RCMT 43 | 2.1 |
| | | SRGCR/L 16 4D | | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | | 0° | 0° | RCMT 43 | 2.1 |
| | | SRGCR/L 20 4D | | 1.250 | 1.500 | 1.250 | 1.250 | 6.000 | | 0° | 0° | RCMT 43 | 2.1 |
| | 3/4 | SRGCR/L 20 6D | | 1.250 | 1.500 | 1.250 | 1.250 | 6.000 | | 0° | 0° | RCMT 64 | 5.2 |
|  | 1/4 | SRSCR/L 16 2D | .750 | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | 1.113 | 0° | 0° | RCMT 22 | 0.7 |
| | | SRSCR/L 20 2D | .750 | 1.250 | 1.500 | 1.250 | 1.250 | 6.000 | 1.113 | 0° | 0° | RCMT 22 | 0.7 |
| | 3/8 | SRSCR/L 12 3B | .750 | .750 | 1.000 | .750 | .750 | 4.500 | 1.082 | 0° | 0° | RCMT 3(2.5) | 1.0 |
| | | SRSCR/L 16 3C | 1.000 | 1.000 | 1.250 | 1.000 | 1.000 | 5.000 | 1.332 | 0° | 0° | RCMT 3(2.5) | 1.0 |
| | | SRSCR/L 16 3D | 1.000 | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | 1.332 | 0° | 0° | RCMT 3(2.5) | 1.0 |
| | | SRSCR/L 20 3D | 1.000 | 1.250 | 1.500 | 1.250 | 1.250 | 6.000 | 1.332 | 0° | 0° | RCMT 3(2.5) | 1.0 |
| | 1/2 | SRSCR/L 16 4D | 1.000 | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | 1.446 | 0° | 0° | RCMT 43 | 2.1 |
| | | SRSCR/L 20 4D | 1.000 | 1.250 | 1.500 | 1.250 | 1.250 | 6.000 | 1.446 | 0° | 0° | RCMT 43 | 2.1 |
| | | SRSCR/L 24 4D | 1.000 | 1.500 | 2.000 | 1.500 | 1.500 | 6.000 | 1.446 | 0° | 0° | RCMT 43 | 2.1 |
| | | SRSCR/L 24 4E | 1.000 | 1.500 | 2.000 | 1.500 | 1.500 | 7.000 | 1.446 | 0° | 0° | RCMT 43 | 2.1 |
| | 3/4 | SRSCR/L 20 6D | 1.000 | 1.250 | 1.500 | 1.250 | 1.250 | 6.000 | 1.663 | 0° | 0° | RCMT 64 | 5.2 |
| | 1 | SRSCR/L 24 8D | 1.500 | 1.500 | 2.000 | 1.500 | 1.500 | 6.000 | 1.500 | 0° | 0° | RCMT 25 27 00 | 3.7 |

1) γ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

### Piezas de repuesto principales

| Tamaño de plaquita iC | Tornillo de plaquita (rosca) | Llave (Torx Plus) | Placa de apoyo | Tornillo de la placa de apoyo | Llave (mm) |
|---|---|---|---|---|---|
| 09 3/8 | 5513 020-12 (M3.5) | 5680 051-03 (9IP) | 5322 120-01 | - | - |
| 12 1/2 | 5513 020-13 (M4) | 5680 049-01 (15IP) | 5322 120-02 | - | - |
| 19 3/4 | 5513 020-14 (M6) | 5680 043-15 (25IP) | 5322 120-03 | - | - |
| 25 1 | 5513 020-15 (M7) | 5680 043-17 (30IP) | 5322 120-04 | - | - |
| 05 .197 | 5513 020-05 (M2.2) | 5680 051-02 (7IP) | - | - | - |
| 06 .236 | 5513 020-03 (M2.5) | 5680 051-02 (7IP) | - | - | - |
| 08 .315 | 5513 020-04 (M3.0) | 5680 051-03 (9IP) | - | - | - |
| 10 .394 | 5513 020-10 (M3.5) | 5680 049-01 (15IP) | 5322 110-01 | 5512 090-01 | 5680 049-01 (3.5) |
| 12 .472 | 5513 020-01 (M3.5) | 5680 049-01 (15IP) | 5322 110-02 | 5512 090-01 | 5680 049-01 (3.5) |
| 16 .630 | 5513 020-26 (M5.0) | 5680 043-14 (20IP) | 5322 110-03 | 5512 090-06 | 3021 010-050 (5.0) |
| 20 .787 | 5513 020-14 (M6.0) | 5680 043-15 (25IP) | 5322 110-04 | 5512 090-08 | 3021 010-060 (6.0) |

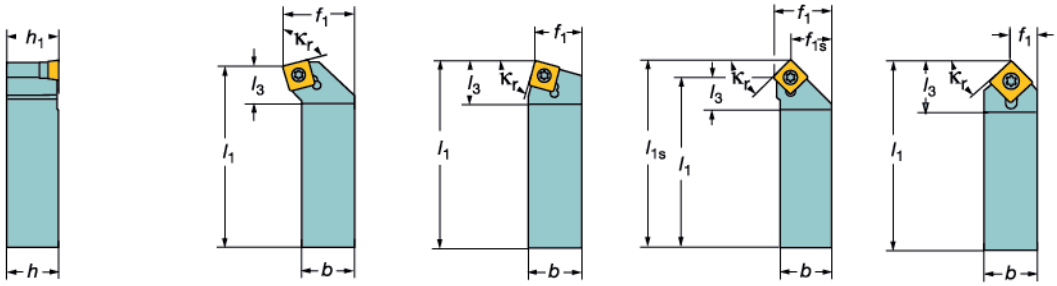
A10
A115
A370
G6
A2
J2

# Herramientas con mango

**Diseño de sujeción por tornillo CoroTurn® 107**

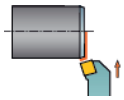
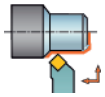
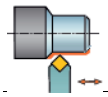
| | SSKCR/L | SSBCR/L | SSDCR/L | SSDCN |
|---|---|---|---|---|
| Ángulo de posición: | $\kappa_r$ 75° | $\kappa_r$ 75° | $\kappa_r$ 45° | $\kappa_r$ 45° |
| Ángulo de ataque: | 15° | 15° | 45° | 45° |

SCMT, SCGX
SCMW

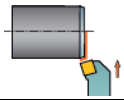
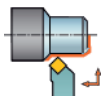
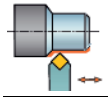



A la derecha en la ilustración a menos que se indique lo contrario Neutro

**Versión métrica**

| Aplicación principal | □ | Código de pedido | Dimensiones, mm b | $f_1$ | $f_{1s}$ | h | $h_1$ | $l_1$ | $l_3$ | $l_{1s}$ | $\gamma^{1)}$ | $\lambda_s^{2)}$ | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 09 | **SSKCR/L 1616H 09** | 16 | 20 | | 16 | 16 | 100 | 12.8 | | 0° | 0° | SCMT 09 T3 08 | 3.0 |
| | 09 | **SSBCR/L 1616H 09** | 16 | 13 | | 16 | 16 | 100 | 15.3 | | 0° | 0° | SCMT 09 T3 08 | 3.0 |
| | 12 | **SSBCR/L 2020K 12** | 20 | 17 | | 20 | 20 | 125 | 20.1 | | 0° | 0° | SCMT 12 04 08 | 3.0 |
| | | **SSBCR/L 2525M 12** | 25 | 22 | | 25 | 25 | 150 | 20.1 | | 0° | 0° | SCMT 12 04 08 | 3.0 |
|  | 09 | **SSDCR/L 1616H 09** | 16 | 17 | 10.9 | 16 | 16 | 93.9 | 15.1 | 100.0 | 0° | 0° | SCMT 09 T3 08 | 3.0 |
| | | **SSDCR/L 2020K 09** | 20 | 22 | 15.9 | 20 | 20 | 118.9 | 18 | 125.0 | 0° | 0° | SCMT 09 T3 08 | 3.0 |
| | 12 | **SSDCR/L 2020K 12** | 20 | 22 | 13.7 | 20 | 20 | 116.7 | 21.7 | 125.0 | 0° | 0° | SCMT 12 04 08 | 3.0 |
| | | **SSDCR/L 2525M 12** | 25 | 27 | 18.7 | 25 | 25 | 141.7 | 21.7 | 150.0 | 0° | 0° | SCMT 12 04 08 | 3.0 |
|  | 09 | **SSDCN 1212F 09-M** | 12 | 6 | | 12 | 12 | 80 | 15.1 | | 0° | 0° | SCMT 09 T3 08 | 3.0 |
| | | **SSDCN 1616H 09** | 16 | 8 | | 16 | 16 | 100 | 15.1 | | 0° | 0° | SCMT 09 T3 08 | 3.0 |

**Versión en pulgadas**

| Aplicación principal | iC | Código de pedido | Dimensiones, pulgadas b | $f_1$ | $f_{1s}$ | h | $h_1$ | $l_1$ | $l_{1s}$ | $l_3$ | $\gamma^{1)}$ | $\lambda_s^{2)}$ | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 3/8 | **SSKCR 10 3** | .625 | .875 | | .625 | .625 | 4.000 | | .583 | 0° | 0° | SCMT 3(2.5)2 | 2.2 |
|  | 3/8 | **SSDCR 10 3** | .625 | .689 | .450 | .625 | .625 | 3.748 | 4.000 | .594 | 0° | 0° | SCMT 3(2.5)2 | 2.2 |
| | 1/2 | **SSDCR 16 4D** | 1.000 | 1.141 | .813 | 1.000 | 1.000 | 5.653 | 6.000 | .894 | 0° | 0° | SCMT 432 | 2.2 |
|  | 3/8 | **SSDCN 08 3** | .500 | .261 | | .500 | .500 | 3.500 | | .594 | 0° | 0° | SCMT 3(2.5)2 | 2.2 |
| | | **SSDCN 10 3** | .625 | .323 | | .625 | .625 | 4.000 | | .594 | 0° | 0° | SCMT 3(2.5)2 | 2.2 |
| | | **SSDCN 12 3B** | .750 | .385 | | .750 | .750 | 4.500 | | .594 | 0° | 0° | SCMT 3(2.5)2 | 2.2 |
| | | **SSDCN 16 3D** | 1.000 | .511 | | 1.000 | 1.000 | 6.000 | | .594 | 0° | 0° | SCMT 3(2.5)2 | 2.2 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda
N = Neutro

Piezas de repuesto principales

| Tamaño de plaquita □ | iC | Tornillo de plaquita (rosca) | Llave (Torx Plus) | Placa de apoyo | Tornillo de la placa de apoyo | Llave (mm) |
|---|---|---|---|---|---|---|
| 09 | 3/8 | 5513 020-01 (M3.5) | 5680 049-01 (15IP) | 5322 420-01 | 5512 090-01 | 5680 049-01 (3.5) |
| 09[1)] | 3/8[1)] | 5513 020-10 (M3.5) | 5680 049-01 (15IP) | - | - | - |
| 12 | 1/2 | 5513 020-18 (M4x0.5) | 5680 049-02 (15IP) | 5322 420-02 | 5512 090-03 | 5680 049-02 (4.0) |

1) Sólo para SSDCN1212F09-M

A10
A118
A371
G6
A2
J2



SANDVIK Coromant

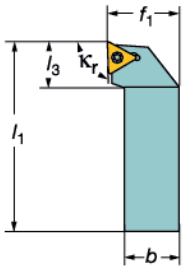
# Herramientas con mango

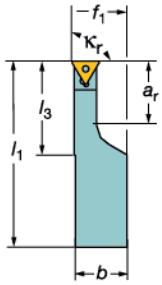
**Diseño de sujeción por tornillo CoroTurn® 107**

| | STGCR/L | STFCR/L-A |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 91° | $\kappa_r$ 90° |
| Ángulo de ataque: | -1° | 0° |

TCMT, TCMX, TCGT, TCGX TCEX

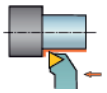
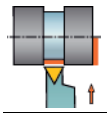
TCMW



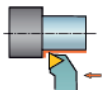




A la derecha en la ilustración a menos que se indique lo contrario

## Versión métrica

| Aplicación principal | △ | codigos de pedido[5] | Dimensiones, mm $a_r$ | $b$ | $f_1$ | $h$ | $h_1$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 09 | **STGCR/L 0808D 09** | | 8 | 10 | 8 | 8 | 60 | 13 | 0° | 0° | TCMT 09 02 04 | 0.9 |
| | | **STGCR/L 1010E 09** | | 10 | 12 | 10 | 10 | 70 | 13.9 | 0° | 0° | TCMT 09 02 04 | 0.9 |
| | 11 | **STGCR/L 1212F 11-B1** | | 12 | 16 | 12 | 12 | 80 | 14.1 | 0° | 0° | TCMT 11 03 04 | 0.9 |
| | | **STGCR/L 1616H 11-B1** | | 16 | 20 | 16 | 16 | 100 | 14.1 | 0° | 0° | TCMT 11 03 04 | 0.9 |
| | | **STGCR/L 1212F 11** | | 12 | 16 | 12 | 12 | 80 | 14.1 | 0° | 0° | TCMT 11 02 04 | 0.9 |
| | | **STGCR/L 1616H 11** | | 16 | 20 | 16 | 16 | 100 | 14.1 | 0° | 0° | TCMT 11 02 04 | 0.9 |
| | 16 | **STGCR/L 1616H 16** | | 16 | 20 | 16 | 16 | 100 | 20.1 | 0° | 0° | TCMT 16 T3 08 | 3.0 |
| | | **STGCR/L 2020K 16** | | 20 | 25 | 20 | 20 | 125 | 20.4 | 0° | 0° | TCMT 16 T3 08 | 3.0 |
| | | **STGCR/L 2525M 16** | | 25 | 32 | 25 | 25 | 150 | 20.9 | 0° | 0° | TCMT 16 T3 08 | 3.0 |
|  | 11 | **STFCR/L 2020K 11-AB1** | 25 | 20 | 20.8 | 20 | 20 | 125 | 37 | 0° | 0° | TCMT 11 03 04 | 0.9 |
| | | **STFCR/L 2020K 11-A** | 35 | 20 | 20.8 | 20 | 20 | 125 | 37 | 0° | 0° | TCMT 11 02 04 | 0.9 |
| | 16 | **STFCR/L 2525M 16-A** | | 25 | 25.9 | 25 | 25 | 150 | 47 | 0° | 0° | TCMT 16 T3 08 | 3.0 |

## Versión en pulgadas

| Aplicación principal | $iC$ | codigos de pedido[5] | Dimensiones, pulgadas $b$ | $f_1$ | $h$ | $h_1$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/4 | **STGCR/L 062-B1** | .375 | .500 | .375 | .375 | 2.500 | .543 | 0° | 0° | TCMT 221 | 0.7 |
| | | **STGCR/L 082-B1** | .500 | .625 | .500 | .500 | 3.500 | .598 | 0° | 0° | TCMT 221 | 0.7 |
| | | **STGCR/L 06 2** | .375 | .500 | .375 | .375 | 2.500 | .543 | 0° | 0° | TCMT 2(1.5)1 | 0.7 |
| | | **STGCR/L 08 2** | .500 | .625 | .500 | .500 | 3.500 | .543 | 0° | 0° | TCMT 2(1.5)1 | 0.7 |
| | 3/8 | **STGCR/L 10 3** | .625 | .750 | .625 | .625 | 4.000 | .823 | 0° | 0° | TCMT 3(2.5)2 | 2.2 |
| | | **STGCR/L 12 3B** | .750 | 1.000 | .750 | .750 | 4.500 | .815 | 0° | 0° | TCMT 3(2.5)2 | 2.2 |
| | | **STGCR/L 16 3C** | 1.000 | 1.250 | 1.000 | 1.000 | 5.000 | .815 | 0° | 0° | TCMT 3(2.5)2 | 2.2 |
| | | **STGCR/L 16 3D** | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | .815 | 0° | 0° | TCMT 3(2.5)2 | 2.2 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).

2) $\lambda_s$ = Ángulo de inclinación

3) Par torsor de la plaquita Nm

4) Par de apriete de la plaquita, ft-lbs.

5) B1 al final del código de pedido = para plaquitas con espesor 03 = 3.18 mm (2 = 1/8").

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita △ | $iC$ | Tornillo de plaquita (rosca) | Llave (Torx Plus) | Placa de apoyo | Tornillo de la placa de apoyo | Llave (mm) |
|---|---|---|---|---|---|---|
| 09 | 7/32 | 5513 020-05 (M2.2) | 5680 051-02 (7IP) | - | - | - |
| 11 | 1/4 | 5513 020-03 (M2.5) | 5680 051-02 (7IP) | - | - | - |
| 16 | 3/8 | 5513 020-01 (M3.5) | 5680 049-01 (15IP) | 5322 320-01 | 5512 090-01 | 5680 049-01 (3.5) |

A10

A120

A371

G6

A2

J2

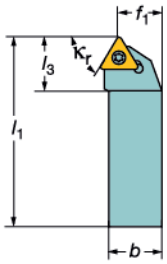
# Herramientas con mango

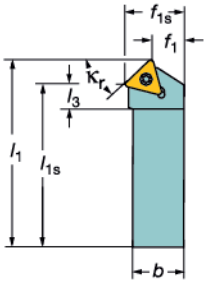
## Diseño de sujeción por tornillo CoroTurn® 107

| | STTCR/L | STDCR/L |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 60° | $\kappa_r$ 45° |
| Ángulo de ataque: | 30° | 45° |

TCMT, TCMX, TCGT, TCGX TCEX

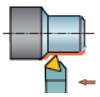
TCMW



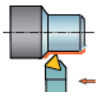




A la derecha en la ilustración a menos que se indique lo contrario

### Versión métrica

| Aplicación principal | △ | codigos de pedido[5] | Dimensiones, mm b | $f_1$ | $f_{1s}$ | $h$ | $h_1$ | $l_1$ | $l_3$ | $l_{1s}$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 11 | STTCR/L 1616H 11-B1 | 16 | 13 | | 16 | 16 | 100 | 12.9 | | 0° | 0° | TCMT 11 03 04 | 0.9 |
| | | STTCR/L 1616H 11 | 16 | 13 | | 16 | 16 | 100 | 12.9 | | 0° | 0° | TCMT 11 02 04 | 0.9 |
| | 16 | STTCR/L 1616H 16 | 16 | 13 | | 16 | 16 | 100 | 21.2 | | 0° | 0° | TCMT 16 T3 08 | 3.0 |
| | | STTCR/L 2020K 16 | 20 | 17 | | 20 | 20 | 125 | 21.2 | | 0° | 0° | TCMT 16 T3 08 | 3.0 |
| | | STTCR/L 2525M 16 | 25 | 22 | | 25 | 25 | 150 | 21.2 | | 0° | 0° | TCMT 16 T3 08 | 3.0 |
|  | 09 | STDCR/L 1010E 09 | 10 | 4.9 | 11.0 | 10 | 10 | 70 | 11.2 | 63.9 | 0° | 0° | TCMT 09 02 04 | 0.9 |
| | 11 | STDCR/L 1212F 11-B1 | 12 | 6 | 13.0 | 12 | 12 | 80 | 13.2 | 73.0 | 0° | 0° | TCMT 11 03 04 | 0.9 |
| | | STDCR/L 1616H 11-B1 | 16 | 10 | 17.0 | 16 | 16 | 100 | 13.6 | 93.0 | 0° | 0° | TCMT 11 03 04 | 0.9 |
| | | STDCR/L 1212F 11 | 12 | 6 | 13.0 | 12 | 12 | 80 | 13.2 | 73.0 | 0° | 0° | TCMT 11 02 04 | 0.9 |
| | | STDCR/L 1616H 11 | 16 | 10 | 17.0 | 16 | 16 | 100 | 13.7 | 93.0 | 0° | 0° | TCMT 11 02 04 | 0.9 |
| | 16 | STDCR/L 1616H 16 | 16 | 6.8 | 17.0 | 16 | 16 | 100 | 21 | 89.8 | 0° | 0° | TCMT 16 T3 08 | 3.0 |
| | | STDCR/L 2020K 16 | 20 | 11.8 | 22.0 | 20 | 20 | 125 | 21 | 114.8 | 0° | 0° | TCMT 16 T3 08 | 3.0 |
| | | STDCR/L 2525M 16 | 25 | 16.8 | 27.0 | 25 | 25 | 150 | 22.9 | 139.8 | 0° | 0° | TCMT 16 T3 08 | 3.0 |

### Versión en pulgadas

| Aplicación principal | iC | codigos de pedido[5] | Dimensiones, pulgadas b | $f_1$ | $f_{1s}$ | $h$ | $h_1$ | $l_1$ | $l_{1s}$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 3/8 | STTCR/L 12 3B | .750 | .718 | | .750 | .750 | 4.500 | | .835 | 0° | 0° | TCMT 3(2.5)2 | 2.2 |
| | | STTCR/L 16 3D | 1.000 | .860 | | 1.000 | 1.000 | 6.000 | | .835 | 0° | 0° | TCMT 3(2.5)2 | 2.2 |
|  | 1/4 | STDCR/L 062-B1 | .375 | .223 | .500 | .375 | .375 | 2.500 | 2.223 | .242 | 0° | 0° | TCMT 221 | 0.7 |
| | | STDCR/L 082-B1 | .500 | .348 | .625 | .500 | .500 | 3.500 | 3.223 | .242 | 0° | 0° | TCMT 221 | 0.7 |
| | | STDCR/L 06 2 | .375 | .223 | .500 | .375 | .375 | 2.500 | 2.223 | .242 | 0° | 0° | TCMT 2(1.5)1 | 0.7 |
| | | STDCR/L 08 2 | .500 | .348 | .625 | .500 | .500 | 3.500 | 3.223 | .242 | 0° | 0° | TCMT 2(1.5)1 | 0.7 |
| | 3/8 | STDCR/L 10 3 | .625 | .349 | .750 | .625 | .625 | 4.000 | 3.599 | .426 | 0° | 0° | TCMT 3(2.5)2 | 2.2 |
| | | STDCR/L 12 3B | .750 | .599 | 1.000 | .750 | .750 | 4.500 | 4.099 | .426 | 0° | 0° | TCMT 3(2.5)2 | 2.2 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).

2) $\lambda_s$ = Ángulo de inclinación

3) Par torsor de la plaquita Nm

4) Par de apriete de la plaquita, ft-lbs.

5) B1 al final del código de pedido = para plaquitas con espesor 03 = 3.18 mm (2 = 1/8").

R = A Derecha, L = A Izquierda

### Piezas de repuesto principales

| Tamaño de plaquita △ | iC | Tornillo de plaquita (rosca) | Llave (Torx Plus) | Placa de apoyo | Tornillo de la placa de apoyo | Llave (mm) |
|---|---|---|---|---|---|---|
| 09 | 7/32 | 5513 020-05 (M2.2) | 5680 051-02 (7IP) | - | - | - |
| 11 | 1/4 | 5513 020-03 (M2.5) | 5680 051-02 (7IP) | - | - | - |
| 16 | 3/8 | 5513 020-01 (M3.5) | 5680 049-01 (15IP) | 5322 320-01 | 5512 090-01 | 5680 049-01 (3.5) |

A10

A120

A371

G6

A2

J2



SANDVIK Coromant

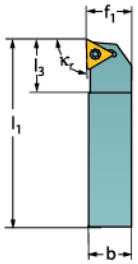
# Herramientas con mango

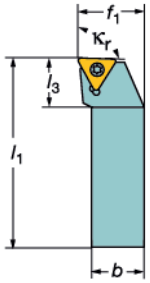
**Diseño de sujeción por tornillo CoroTurn® 107**

| | STJCR/L-S | STFCR/L |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 93° | $\kappa_r$ 91° |
| Ángulo de ataque: | -3° | -1° |
| | Específico para mecanizado de piezas pequeñas | |

TCMT, TCMX, TCGT, TCGX TCEX

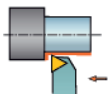
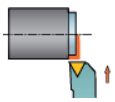
TCMW



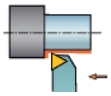
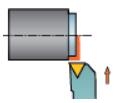




A la derecha en la ilustración a menos que se indique lo contrario

## Versión métrica

| Aplicación principal | △ | codigos de pedido[5] | Dimensiones, mm b | f1 | h | h1 | l1 | l3 | γ[1] | λs[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 11 | STJCR/L 1010K 11-S | 10 | 10 | 10 | 10 | 125 | 16 | 0° | 0° | TCMT 11 02 04 | 0.9 |
| | | STJCR/L 1212K 11-S | 12 | 12 | 12 | 12 | 125 | 16 | 0° | 0° | TCMT 11 02 04 | 0.9 |
| | | STJCR/L 1616K 11-S | 16 | 16 | 16 | 16 | 125 | 16 | 0° | 0° | TCMT 11 02 04 | 0.9 |
|  | 09 | STFCR/L 1010E 09 | 10 | 12 | 10 | 10 | 70 | 13.2 | 0° | 0° | TCMT 09 02 04 | 0.9 |
| | 11 | STFCR/L 1212F 11-B1 | 12 | 16 | 12 | 12 | 80 | 13.8 | 0° | 0° | TCMT 11 03 04 | 0.9 |
| | | STFCR/L 1616H 11-B1 | 16 | 20 | 16 | 16 | 100 | 14.9 | 0° | 0° | TCMT 11 03 04 | 0.9 |
| | | STFCR/L 1212F 11 | 12 | 16 | 12 | 12 | 80 | 13.8 | 0° | 0° | TCMT 11 02 04 | 0.9 |
| | | STFCR/L 1616H 11 | 16 | 20 | 16 | 16 | 100 | 14.9 | 0° | 0° | TCMT 11 02 04 | 0.9 |
| | 16 | STFCR/L 1616H 16 | 16 | 20 | 16 | 16 | 100 | 19.9 | 0° | 0° | TCMT 16 T3 08 | 3.0 |
| | | STFCR/L 2020K 16 | 20 | 25 | 20 | 20 | 125 | 21.3 | 0° | 0° | TCMT 16 T3 08 | 3.0 |
| | | STFCR/L 2525M 16 | 25 | 32 | 25 | 25 | 150 | 22.8 | 0° | 0° | TCMT 16 T3 08 | 3.0 |

## Versión en pulgadas

| Aplicación principal | iC | codigos de pedido[5] | Dimensiones, pulgadas b | f1 | h | h1 | l1 | l3 | γ[1] | λs[2] | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/4 | STJCR/L 062C-S | .375 | .375 | .375 | .375 | 5.000 | .630 | 0° | 0° | TCMT 2(1.5)1 | 0.7 |
| | | STJCR/L 082C-S | .500 | .500 | .500 | .500 | 5.000 | .630 | 0° | 0° | TCMT 2(1.5)1 | 0.7 |
| | | STJCR/L 102C-S | .625 | .625 | .625 | .625 | 5.000 | .630 | 0° | 0° | TCMT 2(1.5)1 | 0.7 |
|  | 1/4 | STFCR/L 062-B1 | .375 | .500 | .375 | .375 | 2.500 | .543 | 0° | 0° | TCMT 221 | 0.7 |
| | | STFCR/L 082-B1 | .500 | .625 | .500 | .500 | 3.500 | .598 | 0° | 0° | TCMT 221 | 0.7 |
| | | STFCR/L 06 2 | .375 | .500 | .375 | .375 | 2.500 | .543 | 0° | 0° | TCMT 2(1.5)1 | 0.7 |
| | | STFCR/L 08 2 | .500 | .625 | .500 | .500 | 3.500 | .543 | 0° | 0° | TCMT 2(1.5)1 | 0.7 |
| | 3/8 | STFCR/L 10 3 | .625 | .750 | .625 | .625 | 4.000 | .823 | 0° | 0° | TCMT 3(2.5)2 | 2.2 |
| | | STFCR/L 12 3B | .750 | 1.000 | .750 | .750 | 4.500 | .815 | 0° | 0° | TCMT 3(2.5)2 | 2.2 |
| | | STFCR/L 16 3D | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | .815 | 0° | 0° | TCMT 3(2.5)2 | 2.2 |

R = A Derecha, L = A Izquierda

1) γ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.
5) B1 al final del código de pedido = para plaquitas con espesor 03 = 3.18 mm (2 = 1/8").

## Piezas de repuesto principales

| Tamaño de plaquita △ | iC | Tornillo de plaquita (rosca) | Llave (Torx Plus) | Placa de apoyo | Tornillo de la placa de apoyo | Llave (mm) |
|---|---|---|---|---|---|---|
| 09 | 7/32 | 5513 020-05 (M2.2) | 5680 051-02 (7IP) | - | - | - |
| 11 | 1/4 | 5513 020-03 (M2.5) | 5680 051-02 (7IP) | - | - | - |
| 16 | 3/8 | 5513 020-01 (M3.5) | 5680 049-01 (15IP) | 5322 320-01 | 5512 090-01 | 5680 049-01 (3.5) |

A10

A120

A371

G6

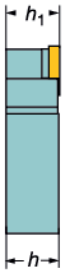
A2

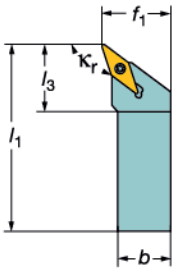
J2

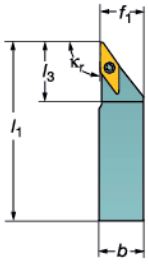
# Herramientas con mango

## Diseño de sujeción por tornillo CoroTurn® 107

| | SVHBR/L<br>SVHCR/L | SVABR/L-S |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 107.5° | $\kappa_r$ 90° |
| Ángulo de ataque: | -17.5° | 0° |
| | | Específico para mecanizado de piezas pequeñas |

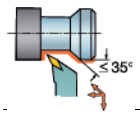


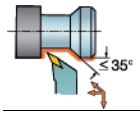
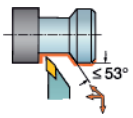

A la derecha en la ilustración a menos que se indique lo contrario

### Versión métrica

| Aplicación principal | | codigos de pedido[5] | Dimensiones, pulgadas<br>$b$ | $f_1$ | $h$ | $h_1$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda_s$[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 16 | **SVHBR/L 2020K 16** | 20 | 25.0 | 20 | 20 | 125 | 27.6 | 0° | 0° | VBMT 16 04 08 | 3.0 |
| | | **SVHBR/L 2525M 16** | 25 | 32.0 | 25 | 25 | 150 | 27.6 | 0° | 0° | VBMT 16 04 08 | 3.0 |
| | | **SVHBR/L 3225P 16** | 25 | 32.0 | 32 | 32 | 170 | 27.6 | 0° | 0° | VBMT 16 04 08 | 3.0 |
| | 22 | **SVHCR/L 2525M 22-R2**[6] | 25 | 32.0 | 25 | 25 | 150 | 35.2 | 0° | 0° | VCMT 22 05 20 | 3.0 |
| | | | | | | | | | | | | |



### Versión en pulgadas

| Aplicación principal | *iC* | codigos de pedido[5] | Dimensiones, pulgadas<br>$b$ | $f_1$ | $h$ | $h_1$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda_s$[2] | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 3/8 | **SVHBR/L 12 3B** | .750 | 1.000 | .750 | .750 | 4.500 | 1.087 | 0° | 0° | VBMT 332 | 2.2 |
| | | **SVHBR/L 16 3C** | 1.000 | 1.250 | 1.000 | 1.000 | 5.000 | 1.087 | 0° | 0° | VBMT 332 | 2.2 |
| | | **SVHBR/L 16 3D** | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | 1.087 | 0° | 0° | VBMT 332 | 2.2 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
|  | 1/4 | **SVABR/L 062C-S-B1** | .375 | .375 | .375 | .375 | 5.000 | .790 | 0° | 0° | VBMT 221 | 0.7 |
| | | **SVABR/L 082C-S-B1** | .500 | .500 | .500 | .500 | 5.000 | .790 | 0° | 0° | VBMT 221 | 0.7 |
| | | **SVABR/L 102C-S-B1** | .625 | .625 | .625 | .625 | 5.000 | .790 | 0° | 0° | VBMT 221 | 0.7 |
| | | **SVABR/L 062C-S** | .375 | .375 | .375 | .375 | 5.000 | 1.060 | 0° | 0° | VBMT 2(1.5)1 | 0.7 |
| | | **SVABR/L 082C-S** | .500 | .500 | .500 | .500 | 5.000 | 1.060 | 0° | 0° | VBMT 2(1.5)1 | 0.7 |
| | | **SVABR/L 102C-S** | .625 | .625 | .625 | .625 | 5.000 | 1.060 | 0° | 0° | VBMT 2(1.5)1 | 0.7 |
| | 3/8 | **SVABR/L 083C-S** | .500 | .500 | .500 | .500 | 5.000 | 1.610 | 0° | 0° | VBMT 332 | 2.2 |
| | | **SVABR/L 103C-S** | .625 | .625 | .625 | .625 | 5.000 | 1.610 | 0° | 0° | VBMT 332 | 2.2 |
| | | **SVABR/L 123C-S** | .750 | .750 | .750 | .750 | 5.000 | 1.610 | 0° | 0° | VBMT 332 | 2.2 |



1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).

R = A Derecha, L = A Izquierda

2) $\lambda_s$ = Ángulo de inclinación

3) Par torsor de la plaquita Nm

4) Par de apriete de la plaquita, ft-lbs.

5) B1 al final del código de pedido = para plaquitas con espesor 03 = 3.18 mm (2 = 1/8").

6) Cuando se utilice la plaquita VCGX 22 05 30-AL, con radio de 3.0 mm junto con la placa de apoyo 5322 270-04, se ha de modificar el portaplaquitas. Ver figura.

Piezas de repuesto principales (ver siguiente página)

A10
A159
A371
G6
A2
J2



SANDVIK Coromant

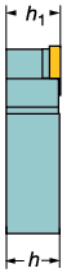
# Herramientas con mango

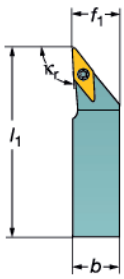
**Diseño de sujeción por tornillo CoroTurn® 107**

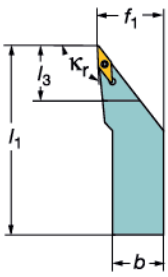
| | SVJBR/L-S | SVJBR/L |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 93° | $\kappa_r$ 93° |
| Ángulo de ataque: | -3° | -3° |
| | Específico para mecanizado de piezas pequeñas | |

VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW

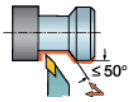
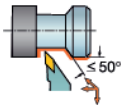



A la derecha en la ilustración a menos que se indique lo contrario

## Versión métrica

| Aplicación principal | | Código de pedido[4] | Dimensiones, mm $b$ | $f_1$ | $h$ | $h_1$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 11 | **SVJBR/L 0810K 11-S-B1** | 10 | 10 | 8 | 8 | 125 | 26 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | **SVJBR/L 1010K 11-S-B1** | 10 | 10 | 10 | 10 | 125 | 26 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | **SVJBR/L 1212K 11-S-B1** | 12 | 12 | 12 | 12 | 125 | 26 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | **SVJBR/L 1616K 11-S-B1** | 16 | 16 | 16 | 16 | 125 | 26 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | **SVJBR/L 1010K 11-S** | 10 | 10 | 10 | 10 | 125 | 26 | 0° | 0° | VBMT 11 02 04 | 0.9 |
| | | **SVJBR/L 1212K 11-S** | 12 | 12 | 12 | 12 | 125 | 26 | 0° | 0° | VBMT 11 02 04 | 0.9 |
| | | **SVJBR/L 1616K 11-S** | 16 | 16 | 16 | 16 | 125 | 26 | 0° | 0° | VBMT 11 02 04 | 0.9 |
| | 16 | **SVJBR/L 1212K 16-S** | 12 | 12 | 12 | 12 | 125 | 30 | 0° | 0° | VBMT 16 04 08 | 3.0 |
| | | **SVJBR/L 1616K 16-S** | 16 | 16 | 16 | 16 | 125 | 40 | 0° | 0° | VBMT 16 04 08 | 3.0 |
|  | 11 | **SVJBR/L 1212F 11-B1** | 12 | 16 | 12 | 12 | 80 | 20.6 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | **SVJBR/L 1616H 11-B1** | 16 | 20 | 16 | 16 | 100 | 21.2 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | **SVJBR/L 2020K 11-B1** | 20 | 25 | 20 | 20 | 125 | 21.2 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | **SVJBR/L 2525M 11-B1** | 25 | 32 | 25 | 25 | 150 | 21.2 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | **SVJBR/L 1212F 11** | 12 | 16 | 12 | 12 | 80 | 20.6 | 0° | 0° | VBMT 11 02 04 | 0.9 |
| | | **SVJBR/L 1616H 11** | 16 | 20 | 16 | 16 | 100 | 21.2 | 0° | 0° | VBMT 11 02 04 | 0.9 |
| | | **SVJBR/L 2020K 11** | 20 | 25 | 20 | 20 | 125 | 21.2 | 0° | 0° | VBMT 11 02 04 | 0.9 |
| | | **SVJBR/L 2525M 11** | 25 | 32 | 25 | 25 | 150 | 21.2 | 0° | 0° | VBMT 11 02 04 | 0.9 |
| | 16 | **SVJBR/L 2020K 16** | 20 | 25 | 20 | 20 | 125 | 31.1 | 0° | 0° | VBMT 16 04 08 | 3.0 |
| | | **SVJBR/L 2525M 16** | 25 | 32 | 25 | 25 | 150 | 31.5 | 0° | 0° | VBMT 16 04 08 | 3.0 |
| | | **SVJBR/L 3225P 16** | 25 | 32 | 32 | 32 | 170 | 31.5 | 0° | 0° | VBMT 16 04 08 | 3.0 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) B1 al final del código de pedido = para plaquitas con espesor 03 = 3.18 mm (2 = 1/8").

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita | | Tornillo de plaquita (rosca) | Llave (Torx Plus) | Placa de apoyo | Tornillo de la placa de apoyo | Llave (mm) |
|---|---|---|---|---|---|---|
| *iC* | | | | | | |
| 11 | 1/4 | 5513 020-03 (M2.5) | 5680 051-02 (7IP) | - | - | - |
| 16 | 3/8 | 5513 020-01 (M3.5) | 5680 049-01 (15IP) | 5322 270-01 | 5512 090-01 | 5680 049-01 (3.5) |
| 22 | 1/2 | 5513 020-18 | 5680 049-02 (15IP) | 5322 270-03 | 5512 090-03 | 5680 049-02 (15IP) |

A10

A159

A371

G6

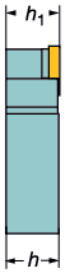
A2

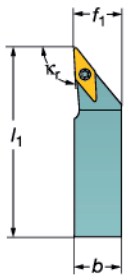
J2

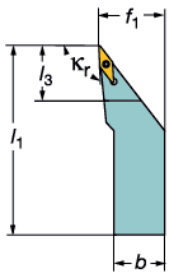
# Herramientas con mango

## Diseño de sujeción por tornillo CoroTurn® 107

| | SVJBR/L-S | SVJBR/L |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 93° | $\kappa_r$ 93° |
| Ángulo de ataque: | -3° | -3° |
| | Específico para mecanizado de piezas pequeñas | |

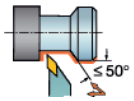
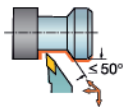



A la derecha en la ilustración a menos que se indique lo contrario

### Versión en pulgadas

| Aplicación principal | *iC* | Código de pedido[4] | Dimensiones, pulgadas *b* | *f*1 | *h* | *h*1 | *l*1 | *l*3 | γ[1] | λs[2] | Plaquitas calibradoras | ft-lbs[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/4 | **SVJBR/L 062C-S-B1** | .375 | .375 | .375 | .375 | 5.000 | .790 | 0° | 0° | VBMT 221 | 0.7 |
| | | **SVJBR/L 082C-S-B1** | .500 | .500 | .500 | .500 | 5.000 | .790 | 0° | 0° | VBMT 221 | 0.7 |
| | | **SVJBR/L 102C-S-B1** | .625 | .625 | .625 | .625 | 5.000 | .790 | 0° | 0° | VBMT 221 | 0.7 |
| | 1/4 | **SVJBR/L 062C-S** | .375 | .375 | .375 | .375 | 5.000 | 1.060 | 0° | 0° | VBMT 2(1.5)1 | 0.7 |
| | | **SVJBR/L 082C-S** | .500 | .500 | .500 | .500 | 5.000 | 1.060 | 0° | 0° | VBMT 2(1.5)1 | 0.7 |
| | | **SVJBR/L 102C-S** | .625 | .625 | .625 | .625 | 5.000 | 1.060 | 0° | 0° | VBMT 2(1.5)1 | 0.7 |
| | 3/8 | **SVJBR/L 083C-S** | .500 | .500 | .500 | .500 | 5.000 | 1.610 | 0° | 0° | VBMT 332 | 2.2 |
| | | **SVJBR/L 103C-S** | .625 | .625 | .625 | .625 | 5.000 | 1.610 | 0° | 0° | VBMT 332 | 2.2 |
| | | **SVJBR/L 123C-S** | .750 | .750 | .750 | .750 | 5.000 | 1.610 | 0° | 0° | VBMT 332 | 2.2 |
|  | 1/4 | **SVJBR/L 082-B1** | .500 | .625 | .500 | .500 | 3.500 | .799 | 0° | 0° | VBMT 221 | 0.7 |
| | | **SVJBR/L 102-B1** | .625 | .750 | .625 | .625 | 4.000 | .835 | 0° | 0° | VBMT 221 | 0.7 |
| | | **SVJBR/L 122B-B1** | .750 | 1.000 | .750 | .750 | 4.500 | .835 | 0° | 0° | VBMT 221 | 0.7 |
| | | **SVJBR/L 162D-B1** | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | .835 | 0° | 0° | VBMT 221 | 0.7 |
| | 1/4 | **SVJBR/L 08 2** | .500 | .625 | .500 | .500 | 3.500 | .787 | 0° | 0° | VBMT 2(1.5)1 | 0.7 |
| | | **SVJBR/L 10 2** | .625 | .750 | .625 | .625 | 4.000 | .835 | 0° | 0° | VBMT 2(1.5)1 | 0.7 |
| | | **SVJBR/L 12 2B** | .750 | 1.000 | .750 | .750 | 4.500 | .835 | 0° | 0° | VBMT 2(1.5)1 | 0.7 |
| | | **SVJBR/L 16 2C** | 1.000 | 1.250 | 1.000 | 1.000 | 5.000 | 1.060 | 0° | 0° | VBMT 2(1.5)1 | 0.7 |
| | | **SVJBR/L 16 2D** | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | .835 | 0° | 0° | VBMT 2(1.5)1 | 0.7 |
| | 3/8 | **SVJBR/L 12 3B** | .750 | 1.000 | .750 | .750 | 4.500 | 1.228 | 0° | 0° | VBMT 332 | 2.2 |
| | | **SVJBR/L 16 3C** | 1.000 | 1.250 | 1.000 | 1.000 | 5.000 | 1.240 | 0° | 0° | VBMT 332 | 2.2 |
| | | **SVJBR/L 16 3D** | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | 1.240 | 0° | 0° | VBMT 332 | 2.2 |
| | | **SVJBR/L 20 3D** | 1.250 | 1.500 | 1.250 | 1.250 | 6.000 | 1.240 | 0° | 0° | VBMT 332 | 2.2 |

1) γ = Ángulo de desprendimiento (válido con plaquita lisa).
2) λs = Ángulo de inclinación
3) Par de apriete de la plaquita, ft-lbs.
4) B1 al final del código de pedido = para plaquitas con espesor 03 = 3.18 mm (2 = 1/8").

R = A Derecha, L = A Izquierda

### Piezas de repuesto principales

| Tamaño de plaquita | *iC* | Tornillo de plaquita (rosca) | Llave (Torx Plus) | Placa de apoyo | Tornillo de la placa de apoyo | Llave (mm) |
|---|---|---|---|---|---|---|
| 11 | 1/4 | 5513 020-03 (M2.5) | 5680 051-02 (7IP) | - | - | - |
| 16 | 3/8 | 5513 020-01 (M3.5) | 5680 049-01 (15IP) | 5322 270-01 | 5512 090-01 | 5680 049-01 (3.5) |

A10
A159
A371
G6
A2
J2



SANDVIK Coromant

# Herramientas con mango

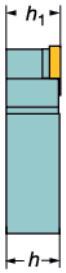
**Diseño de sujeción por tornillo CoroTurn® 107**

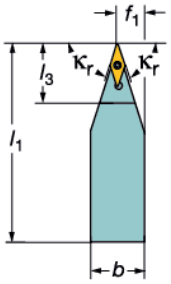
**SVVBN, SVVBN-S**

Ángulo de posición: $\kappa_r$ 72.5°
Ángulo de ataque: 17.5°
Específico para mecanizado de piezas pequeñas

VBMT, VBGT
VCGX,
VCGT, VCET

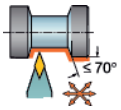
VBMW, VCMW




Se muestra el estilo neutro.

## Versión métrica

| Aplicación principal | | Código de pedido[4] | Dimensiones, mm b | f1 | h | h1 | l1 | l3 | γ[1] | λs[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 11 | **SVVBN 0808K 11-S-B1** | 8 | 4.3 | 8 | 8 | 125 | 21 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | **SVVBN 1010K 11-S-B1** | 10 | 5.3 | 10 | 10 | 125 | 21 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | **SVVBN 1212K 11-S-B1** | 12 | 6.3 | 12 | 12 | 125 | 21 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | **SVVBN 1616K 11-S-B1** | 16 | 8.3 | 16 | 16 | 125 | 21 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | **SVVBN 1212F 11-B1** | 12 | 6.3 | 12 | 12 | 80 | 21.1 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | **SVVBN 1616H 11-B1** | 16 | 8.3 | 16 | 16 | 100 | 21.1 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | **SVVBN 2020K 11-B1** | 20 | 10.3 | 20 | 20 | 125 | 21.1 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | **SVVBN 2525M 11-B1** | 25 | 12.8 | 25 | 25 | 150 | 21.1 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | 11 | **SVVBN 1212F 11** | 12 | 6.3 | 12 | 12 | 80 | 21.1 | 0° | 0° | VBMT 11 02 04 | 0.9 |
| | | **SVVBN 1616H 11** | 16 | 8.3 | 16 | 16 | 100 | 21.1 | 0° | 0° | VBMT 11 02 04 | 0.9 |
| | | **SVVBN 2020K 11** | 20 | 10.3 | 20 | 20 | 125 | 21.1 | 0° | 0° | VBMT 11 02 04 | 0.9 |
| | | **SVVBN 2525M 11** | 25 | 12.8 | 25 | 25 | 150 | 21.1 | 0° | 0° | VBMT 11 02 04 | 0.9 |
| | 16 | **SVVBN 2020K 16** | 20 | 10.6 | 20 | 20 | 125 | 31.5 | 0° | 0° | VBMT 16 04 08 | 3.0 |
| | | **SVVBN 2525M 16** | 25 | 13.1 | 25 | 25 | 150 | 31.5 | 0° | 0° | VBMT 16 04 08 | 3.0 |
| | | **SVVBN 3225P 16** | 25 | 13.1 | 32 | 32 | 170 | 31.5 | 0° | 0° | VBMT 16 04 08 | 3.0 |

1) γ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) B1 al final del código de pedido = para plaquitas con espesor 03 = 3.18 mm (2 = 1/8").

N = Neutro

## Piezas de repuesto principales

| Tamaño de plaquita | | Tornillo de plaquita (rosca) | Llave (Torx Plus) | Placa de apoyo | Tornillo de la placa de apoyo | Llave (mm) |
|---|---|---|---|---|---|---|
| | *iC* | | | | | |
| 11 | 1/4 | 5513 020-03 (M2.5) | 5680 051-02 (7IP) | - | - | - |
| 16 | 3/8 | 5513 020-01 (M3.5) | 5680 049-01 (15IP) | 5322 270-01 | 5512 090-01 | 5680 049-01 (3.5) |

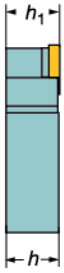
A10 A159 A371 G6 A2 J2

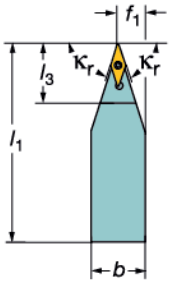
# Herramientas con mango

## Diseño de sujeción por tornillo CoroTurn® 107

**SVVBN, SVVBN-S**

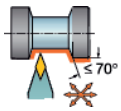
Ángulo de posición: $\kappa_r$ 72.5°
Ángulo de ataque: 17.5°




Se muestra el estilo neutro.

### Versión en pulgadas

| Aplicación principal | *iC* | **Código de pedido**[4] | Dimensiones, pulgadas *b* | *f*1 | *h* | *h*1 | *l*1 | *l*3 | γ[1] | λs[2] | Plaquitas calibradoras | ft-lbs[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/4 | **SVVBN 082-B1** | .500 | .260 | .500 | .500 | 3.500 | .831 | 0° | 0° | VBMT 221 | 0.5 |
| | | **SVVBN 122B-B1** | .750 | .384 | .750 | .750 | 4.500 | .831 | 0° | 0° | VBMT 221 | 0.5 |
| | 1/4 | **SVVBN 08 2** | .500 | .260 | .500 | .500 | 3.500 | .831 | 0° | 0° | VBMT 2(1.5)1 | 0.7 |
| | | **SVVBN 10 2** | .625 | .323 | .625 | .625 | 4.000 | 1.060 | 0° | 0° | VBMT 2(1.5)1 | 0.7 |
| | | **SVVBN 12 2B** | .750 | .384 | .750 | .750 | 4.500 | .831 | 0° | 0° | VBMT 2(1.5)1 | 0.7 |
| | 3/8 | **SVVBN 12 3B** | .750 | .395 | .750 | .750 | 4.500 | 1.240 | 0° | 0° | VBMT 332 | 2.2 |
| | | **SVVBN 16 3C** | 1.000 | .520 | 1.000 | 1.000 | 5.000 | 1.240 | 0° | 0° | VBMT 332 | 2.2 |
| | | **SVVBN 16 3D** | 1.000 | .520 | 1.000 | 1.000 | 6.000 | 1.240 | 0° | 0° | VBMT 332 | 2.2 |
| | | **SVVBN 20 3D** | 1.250 | .645 | 1.250 | 1.250 | 6.000 | 1.240 | 0° | 0° | VBMT 332 | 2.2 |
| | 1/4 | **SVVBN 062C-S-B1** | .375 | .190 | .375 | .375 | 5.000 | .830 | 0° | | VBMT 221 | 0.7 |
| | | **SVVBN 082C-S-B1** | .500 | .260 | .500 | .500 | 5.000 | .830 | 0° | 0° | VBMT 221 | 0.7 |
| | | **SVVBN 102C-S-B1** | .625 | .363 | .625 | .625 | 5.000 | .830 | 0° | 0° | VBMT 221 | 0.7 |

1) γ = Ángulo de desprendimiento (válido con plaquita lisa). N = Neutro
2) $\lambda_s$ = Ángulo de inclinación
3) Par de apriete de la plaquita, ft-lbs.
4) B1 al final del código de pedido = para plaquitas con espesor 03 = 3.18 mm (2 = 1/8").

### Piezas de repuesto principales

| Tamaño de plaquita | | | | | | |
|---|---|---|---|---|---|---|
| | *iC* | Tornillo de plaquita (rosca) | Llave (Torx Plus) | Placa de apoyo | Tornillo de la placa de apoyo | Llave (mm) |
| 11 | 1/4 | 5513 020-03 (M2.5) | 5680 051-02 (7IP) | - | - | - |
| 16 | 3/8 | 5513 020-01 (M3.5) | 5680 049-01 (15IP) | 5322 270-01 | 5512 090-01 | 5680 049-01 (3.5) |

A10
A159
A371
G6
A2
J2



SANDVIK Coromant

# CoroTurn® TR

**Para máxima estabilidad en las operaciones de perfilado**

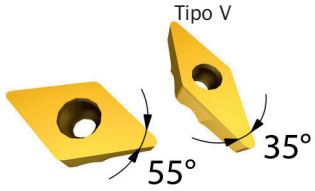
iLock™
ingenious locking interface

Precisión de bloqueo con gran rigidez para una mayor productividad

### CoroTurn TR – una solución segura para operaciones de perfilado

Una combinación de portaherramientas y plaquitas aporta una gran estabilidad para operaciones exigentes de perfilado, ya que la guía en forma de T y la ranura colocan la plaquita de manera precisa y segura.

Tipo V




Tipo D

### Evita el movimiento de la plaquita

El acoplamiento con guía en forma de T bloquea firmemente la plaquita en el perfil correspondiente en el asiento de la misma.

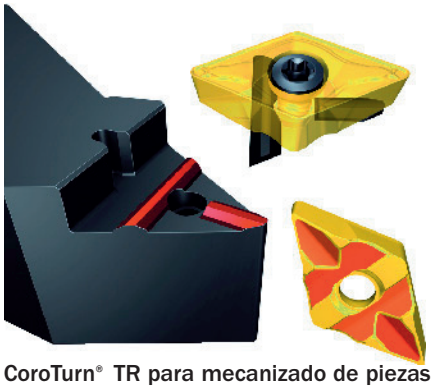
### Productividad

Reduce el tiempo de reglaje y permite incrementar los datos de corte.

### Calidad de las piezas

Tolerancias muy estrechas.

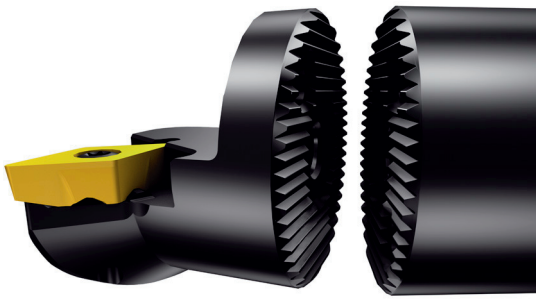
Coro Turn TR está diseñado con guías en forma de T en el portaherramientas y ranuras sobre la plaquita; la plaquita ranurada se asienta rígidamente sobre las guías en forma de T del alojamiento. Se asegura la repetibilidad de intercambio durante las operaciones de torneado exigentes con mayor estabilidad y tolerancia.



### CoroTurn® TR para mecanizado de piezas pequeñas

Nuevo perfilado rígido para máquinas con cabezal móvil; mayor estabilidad y tolerancias más estrechas en la producción en serie de piezas pequeñas

Para pedidos, consulte la página sobre mecanizado de piezas pequeñas A215.

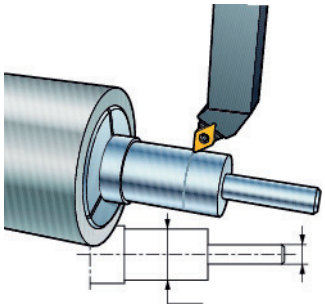


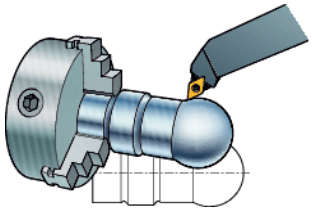
### Mecanizado interior CoroTurn® TR SL

Dos conceptos ganadores en una herramienta - el sistema flexible SL ahora con cabezas de corte con acoplamiento con guía en T que le proporcionan hasta 14000 combinaciones de mecanizado flexible.

Para pedidos, consulte la página sobre cabezales de corte CoroTurn SL I18.

# Torneado de perfiles de tipo medio a acabado





Las operaciones de torneado de perfiles suponen unas exigencias extremas para la plaquita y para el portaplaquitas debido a las variaciones en las fuerzas. Esto puede provocar problemas de pérdida de calidad en las piezas en mecanizados de nivel medio o acabados.

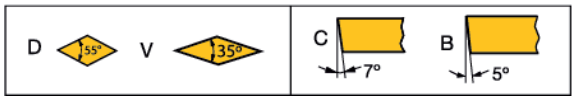
CoroTurn TR ofrece una solución de diseño única en esta área, con un nuevo sistema de acoplamiento entre la plaquita intercambiable y el portaplaquitas, que mantiene el filo de corte en posición exacta. Esta ubicación firme mejorará la calidad y la productividad en operaciones de torneado para plaquitas tipo V (35°) y D (55°).

El nuevo diseño asegura el cumplimiento de los requisitos de calidad en mecanizado exterior y es idóneo para torneado de perfiles de tipo medio y acabado en una amplia gama de materiales.

## Clave de códigos para plaquitas

| TR | - | D | C | 13 | 04 | - | F |
|---|---|---|---|---|---|---|---|
| 1 | | 2 | 3 | 4 | 5 | | 6 |

**2. Insert shape** **3/ 5. Insert clearance angle**




**1 Gama CoroTurn TR**

**2 Forma de plaquita**

D=55°, V=35°

**3 Ángulo de incidencia de plaquita**

C=7°, B=5°

**4 Tamaño de plaquita**

Longitud del radio de corte, 13mm (.512 pulgadas)

**5 Radio de punta, $r_c$**

04 = 0.4 mm (.016 pulgadas)
08 = 0.8 mm (.031 pulgadas)
12 = 1.2 mm (.047 pulgadas)

**6 Geometría de plaquita**

F = Acabado
M = Mecanizado medio

## Clave de códigos para soporte con mango

Métrica

| TR | - | D | 13 | J | C | R | - | 20 | 20 | K |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2 | 3 | 4 | 5 | 6 | | 7 | 8 | 9 |

Pulgadas

| TR | - | D | 13 | J | C | R | - | 12 | B |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | 2 | 3 | 4 | 5 | 6 | | 13 | 9 |

**2 Forma de plaquita**

D=55°, V=35°

**3 Tamaño de plaquita**

**4 Tipo de portaherramientas, ángulo de entrada**

J=93°, N=63°

**5 Ángulo de incidencia de plaquita**

C=7°, B=5°

**6 Tipo de portaherramientas**

R = A derecha
L = A izquierda
N = Neutro

**8 Altura del mango, *h* mm**

**7 Ancho del mango, *b* mm**

**9 Shank tool length, $l_1$ mm/ inch**

K = 125 mm
M = 150 mm
P = 170 mm
B = 4.5 pulgadas
D = 6 pulgadas

**Coromant Capto**

| TR | - | C4 | - | D | 13 | J | C | R | - | 27 | 050 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 10 | | 2 | 3 | 4 | 5 | 6 | | 11 | 12 |

**Coromant Capto, tamaño de acoplamiento 10**

**11 Coromant Capto $f_1$ dimensión mm**

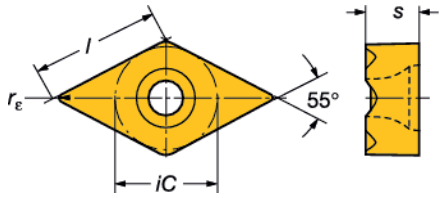
**12 Coromant Capto longitud de herramienta, mm**

**13 Tamaño del mango (anchura y altura), pulgadas**

12 = ¾x¾
16 = 1x1

# CoroTurn® TR

**Rómbica 55°**




Para áreas de aplicación ISO, ver final de la tabla.

Para las dimensiones, ver clave de códigos en la página A176.

| | | ISO | | Dimensiones, mm, pulgadas s | Máx. $a_p$ | P GC 1515 | P GC 1525 | P GC 4215 | P GC 4225 | M GC 1115 | M GC 1125 | M GC 2025 | K - H13A | N GC 1125 | S GC 1105 | S GC 1115 | S GC 1125 | S - H13A | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acabado | TR-DC-F | TR-DC1304-F | 13 | 5.5 | 3 | ☆ | ☆ | ★ | ☆ | ☆ | ☆ | ★ | ★ | ★ | ★ | ☆ | ☆ | ☆ | TR-DC1304-F |
| | | | | .218 | .118 | | | | | | | | | | | | | | |
| | | TR-DC1308-F | | 5.5 | 3 | ☆ | ☆ | ★ | ☆ | ☆ | ☆ | ★ | ★ | ★ | ★ | ☆ | ☆ | ☆ | TR-DC1308-F |
| | | | | .218 | .118 | | | | | | | | | | | | | | |
| Medio | TR-DC-M | TR-DC1308-M | 13 | 5.5 | 5 | ☆ | | ☆ | ★ | ☆ | ☆ | ★ | | ★ | | ★ | | | TR-DC1308-M |
| | | | | .218 | .197 | | | | | | | | | | | | | | |
| | | TR-DC1312-M | | 5.5 | 5 | ☆ | | ☆ | ★ | ☆ | ☆ | ★ | | ★ | | ★ | | | TR-DC1312-M |
| | | | | .218 | .197 | | | | | | | | | | | | | | |
| | | | | | | P25 | P15 | P15 | P25 | M15 | M25 | M25 | K20 | N25 | S15 | S20 | S25 | S15 | |

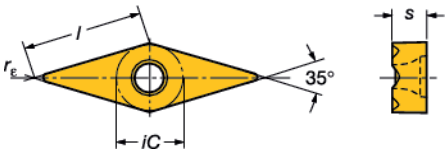
**Plaquitas para materiales de corte avanzados**

| | | ISO | | Dimensiones, mm, pulgadas s | $l_a$ | Máx. $a_p$ | H CB 7015 | H CB 7025 | ANSI |
|---|---|---|---|---|---|---|---|---|---|
| Acabado | TR-DC-F | TR-DC1304S01020F | 13 | 5.5 | 3 | 0.4 | ☆ | ☆ | TR-DC1304S01020F |
| | | | | .218 | .118 | .016 | | | |
| | | TR-DC1308S01020F | | 5.5 | 3 | 0.8 | ☆ | ☆ | TR-DC1308S01020F |
| | | | | .218 | .118 | .032 | | | |
| | | | | | | | H15 | H25 | |

A179 A426 A434 A2

# CoroTurn® TR

## Rómbica 35°




Para áreas de aplicación ISO, ver final de la tabla.

Para las dimensiones, ver clave de códigos en la página A176.

| | | ISO | | Dimensiones, mm, pulgadas s | Máx. $a_p$ | P GC 1125 | P GC 1515 | P GC 1525 | P GC 4215 | P GC 4225 | M GC 1115 | M GC 1125 | M GC 2025 | K - H13A | N GC 1125 | S GC 1105 | S GC 1115 | S GC 1125 | S - H13A | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Acabado | TR-VB-F | TR-VB1302-F | 13 | 4.5 | 2 | ★ | | | | | | ★ | | ★ | | | | | ★ | TR-VB1302-F |
| | | | | .178 | .079 | | | | | | | | | | | | | | | |
| | | TR-VB1304-F | | 4.5 | 2 | | ☆ | ☆ | ★ | ☆ | ☆ | ☆ | ★ | ★ | ★ | ★ | ☆ | ☆ | ☆ | TR-VB1304-F |
| | | | | .178 | .079 | | | | | | | | | | | | | | | |
| | | TR-VB1308-F | | 4.5 | 2 | | ☆ | ☆ | ★ | ☆ | ☆ | ☆ | ★ | ★ | ★ | ★ | ☆ | ☆ | ☆ | TR-VB1308-F |
| | | | | .178 | .079 | | | | | | | | | | | | | | | |
| | | TR-VB1312-F | | 4.5 | 2 | | ☆ | | ★ | ☆ | ☆ | ★ | | ★ | ★ | | ★ | ☆ | ☆ | TR-VB1312-F |
| | | | | .178 | .079 | | | | | | | | | | | | | | | |
| | | | | | | P25 | P25 | P15 | P15 | P25 | M15 | M25 | M25 | K20 | N25 | S15 | S20 | S25 | S15 | |

★= Primera elección

## Plaquitas para materiales de corte avanzados

| | | ISO | | Dimensiones, mm, pulgadas s | $l_a$ | Máx. $a_p$ | H CB 7015 | H CB 7025 | ANSI |
|---|---|---|---|---|---|---|---|---|---|
| Acabado | TR-VB-F | TR-VB1304S01020F | 13 | 4.5 | 3 | 0.4 | ☆ | ☆ | TR-VB1304S01020F |
| | | | | .178 | .118 | .016 | | | |
| | | TR-VB1308S01020F | | 4.5 | 3 | 0.8 | ☆ | ☆ | TR-VB1308S01020F |
| | | | | .178 | .118 | .032 | | | |
| | | | | | | | H15 | H25 | |

A179 A426 A434 A2



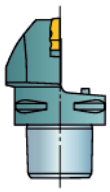
SANDVIK Coromant

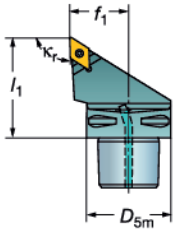
# CoroTurn® TR

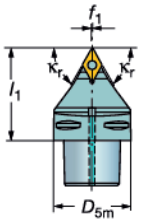
**Unidades de corte Coromant Capto®**
**Diseño de sujeción por tornillo**

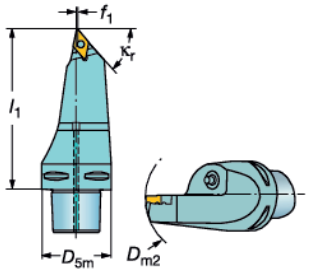
| | TR-Cx-D13JCR/L | TR-Cx-D13NCN | TR-Cx-D13MCL |
|---|---|---|---|
| Ángulo de posición: | $\kappa_r$ 93° | $\kappa_r$ 63.5° | $\kappa_r$ 50° (93°) |
| Ángulo de ataque: | -3° | 27.5° | 40° (-3°) |

TR-DC





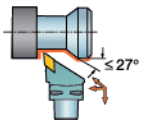
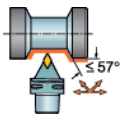



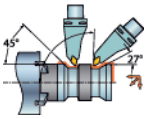

Neutro

Entrada de refrigerante: radial a través del cono

Entrada de refrigerante: axial a través del centro

Si no se especifica nada más, a derechas en la ilustración

| Aplicación principal | | Código de pedido | Dimensiones, mm, pulgadas $D_{5m}$ | $f_1$ | $l_1$ | $\gamma$[1] | $\lambda_s$[2] | Plaquitas calibradoras ISO/ANSI | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|
|  | 13 | TR-C4-D13JCR/L-27050 | 40 | 27 | 50 | 0° | 0° | TR-DC1308 | 3.0 |
| | | | *1.575* | *1.063* | *1.968* | *0°* | *0°* | *TR-DC1308* | *3.0* |
| | | TR-C5-D13JCR/L-35060 | 50 | 35 | 60 | 0° | 0° | TR-DC1308 | 3.0 |
| | | | *1.968* | *1.378* | *2.362* | *0°* | *0°* | *TR-DC1308* | *3.0* |
| | | TR-C6-D13JCR/L-45065 | 63 | 45 | 65 | 0° | 0° | TR-DC1308 | 3.0 |
| | | | *2.480* | *1.772* | *2.559* | *0°* | *0°* | *TR-DC1308* | *3.0* |
|  | 13 | TR-C4-D13NCN-00050 | 40 | 0.5 | 50 | 0° | 0° | TR-DC1308 | 3.0 |
| | | | *1.575* | *.020* | *1.968* | *0°* | *0°* | *TR-DC1308* | *3.0* |
| | | TR-C5-D13NCN-00060 | 50 | 0.5 | 60 | 0° | 0° | TR-DC1308 | 3.0 |
| | | | *1.968* | *.020* | *2.362* | *0°* | *0°* | *TR-DC1308* | *3.0* |
| | | TR-C6-D13NCN-00065 | 63 | 0.5 | 65 | 0° | 0° | TR-DC1308 | 3.0 |
| | | | *2.480* | *.020* | *2.559* | *0°* | *0°* | *TR-DC1308* | *3.0* |

| Aplicación principal | | Código de pedido | Dimensiones, mm, pulgadas $D_{5m}$ | $D_{m2}$ mín[4] | $f_1$ | $l_1$ | $\gamma$[1] | $\lambda_s$[2] | Plaquitas calibradoras ISO/ANSI | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|
|  | 13 | TR-C5-D13MCL-00115 | 50 | 150 | 0 | 115 | 0° | 0° | TR-DC1308 | 3.0 |
| | | | *1.968* | *5.906* | *.000* | *4.528* | *0°* | *0°* | *TR-DC1308* | *3* |
| | | TR-C6-D13MCL-00130 | 63 | 150 | 0 | 130 | 0° | 0° | TR-DC1308 | 3.0 |
| | | | *2.480* | *5.906* | *.000* | *5.118* | *0°* | *0°* | *TR-DC1308* | *3* |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Válido en combinación con la unidad de sujeción R/LC2090

R = A Derecha, L = A Izquierda
N = Neutro

## Piezas de repuesto principales

| Tamaño Coromant Capto® | Tornillo de plaquita | Llave (Torx Plus) | Llave dinamométrica |
|---|---|---|---|
| C4-C6 | 5513 020-01 | 5680 049-01 (15IP) | 5680 100-06 (15IP) |

A177

A181

A382

G6

A2

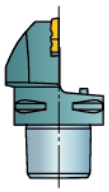
J2

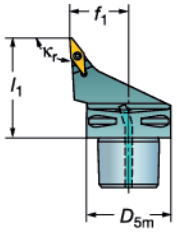
# CoroTurn® TR

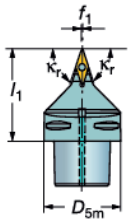
**Unidades de corte Coromant Capto®**
**Diseño de sujeción por tornillo**

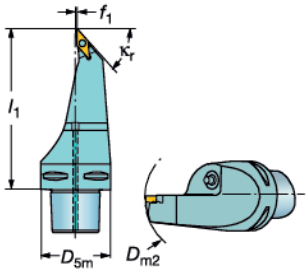
| | TR-Cx-V13JBR/L | TR-Cx-V13VBN | TR-Cx-V13MBL |
|---|---|---|---|
| Ángulo de posición: | $\kappa_r$ 93° | $k_r$ 72° | $\kappa_r$ 50° (93°) |
| Ángulo de ataque: | -3° | 17.5° | 40° (-3°) |

TR-VB





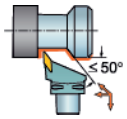
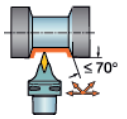



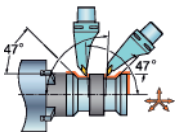

Neutro

Entrada de refrigerante: radial a través del cono

Entrada de refrigerante: axial a través del centro

Si no se especifica nada más, a derechas en la ilustración

| Aplicación principal | | Código de pedido | Dimensiones, mm, pulgadas $D_{5m}$ | $f_1$ | $l_1$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras ISO/ANSI | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|
|  | 13 | TR-C4-V13JBR/L-27050 | 40 | 27 | 50 | 0° | 0° | TR-VB1308 | 2.0 |
| | | | *1.575* | *1.063* | *1.968* | *0°* | *0°* | *TR-VB1308* | *2.0* |
| | | TR-C5-V13JBR/L-35060 | 50 | 35 | 60 | 0° | 0° | TR-VB1308 | 2.0 |
| | | | *1.968* | *1.378* | *2.362* | *0°* | *0°* | *TR-VB1308* | *2.0* |
| | | TR-C6-V13JBR/L-45065 | 63 | 45 | 65 | 0° | 0° | TR-VB1308 | 2.0 |
| | | | *2.480* | *1.772* | *2.559* | *0°* | *0°* | *TR-VB1308* | *2.0* |
|  | 13 | TR-C4-V13VBN-00050 | 40 | 0.5 | 50 | 0° | 0° | TR-VB1308 | 2.0 |
| | | | *1.575* | *.020* | *1.968* | *0°* | *0°* | *TR-VB1308* | *2.0* |
| | | TR-C5-V13VBN-00060 | 50 | 0.5 | 60 | 0° | 0° | TR-VB1308 | 2.0 |
| | | | *1.968* | *.020* | *2.362* | *0°* | *0°* | *TR-VB1308* | *2.0* |
| | | TR-C6-V13VBN-00065 | 63 | 0.5 | 65 | 0° | 0° | TR-VB1308 | 2.0 |
| | | | *2.480* | *.020* | *2.559* | *0°* | *0°* | *TR-VB1308* | *2.0* |

| Aplicación principal | | Código de pedido | Dimensiones, mm, pulgadas $D_{5m}$ | $D_{m2}$ mín[4] | $f_1$ | $l_1$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras ISO/ANSI | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|
|  | 13 | TR-C5-V13MBL-00115 | 50 | 150 | 0 | 115 | 0° | 0° | TR-VB1308 | 2.0 |
| | | | *1.968* | *5.906* | *.000* | *4.528* | *0°* | *0°* | *TR-VB1308* | *2.0* |
| | | TR-C6-V13MBL-00130 | 63 | 150 | 0 | 130 | 0° | 0° | TR-VB1308 | 2.0 |
| | | | *2.480* | *5.906* | *.000* | *5.118* | *0°* | *0°* | *TR-VB1308* | *2.0* |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm

N = Neutra, R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño Coromant Capto® | Tornillo de plaquita | Llave (Torx Plus) | Llave dinamométrica |
|---|---|---|---|
| C4-C6 | 5513 020-64 | 5680 049-04 (10IP) | 5680 100-05 (10IP) |

A177

A183

A382

G6

A2

J2



SANDVIK Coromant

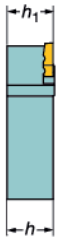
# CoroTurn® TR

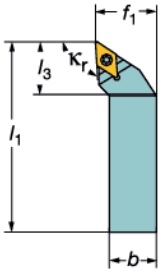
## Herramientas con mango

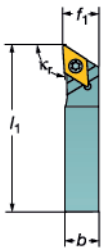
## Diseño de sujeción por tornillo

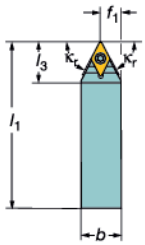
| | TR-D13JCR/L | TR-D13JCR/L-S | TR-D13NCN | TR-D13NCN-S |
|---|---|---|---|---|
| Ángulo de posición: | $\kappa_r$ 93° | $\kappa_r$ 93° | $\kappa_r$ 62,5° | $\kappa_r$ 62,5° |
| Ángulo de ataque: | -3° | -3° | 27.5° | 27.5° |
| | | Específico para mecanizado de piezas pequeñas | | Específico para mecanizado de piezas pequeñas |

TR-DC

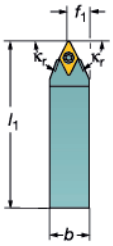


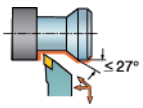
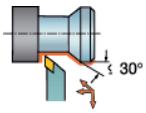
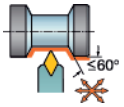
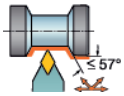

Neutro




Neutro

Si no se especifica nada más, a derechas en la ilustración

## Versión métrica

| Aplicación principal | | Código de pedido | Dimensiones, mm $f_1$ | $b$ | $h$ | $h_1$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda_s$[2] | Plaquitas calibradoras ISO/ANSI | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  ≤27° | 13 | TR-D13JCR/L 2020K | 25.0 | 20 | 20.0 | 20.0 | 125.0 | 28.5 | 0° | 0° | TR-DC1308 | 3.0 |
| | | TR-D13JCR/L 2525M | 32.0 | 25 | 25.0 | 25.0 | 150.0 | 28.5 | 0° | 0° | TR-DC1308 | 3.0 |
| | | TR-D13JCR/L 3225P | 32.0 | 25 | 32.0 | 32.0 | 170.0 | 28.5 | 0° | 0° | TR-DC1308 | 3.0 |
|  30° | 13 | TR-D13JCR/L 1616K-S | 16.0 | 16 | 16.0 | 16.0 | 125.0 | | 0° | 0° | TR-DC1308 | 3.0 |
|  ≤60° | 13 | TR-D13NCN1616K-S | 8.3 | 16 | 16.0 | 16.0 | 125.0 | | 0° | 0° | TR-DC1308 | 3.0 |
|  ≤57° | 13 | TR-D13NCN 2020K | 10.5 | 20 | 20.0 | 20.0 | 125.0 | 26.0 | 0° | 0° | TR-DC1308 | 3.0 |
| | | TR-D13NCN 2525M | 13.0 | 25 | 25.0 | 25.0 | 150.0 | 26.0 | 0° | 0° | TR-DC1308 | 3.0 |
| | | TR-D13NCN 3225P | 13.0 | 25 | 32.0 | 32.0 | 170.0 | 26.0 | 0° | 0° | TR-DC1308 | 3.0 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).

2) $\lambda_s$ = Ángulo de inclinación

3) Par torsor de la plaquita Nm

N = Neutra, R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tornillo de plaquita | Llave (Torx Plus) | Llave dinamométrica |
|---|---|---|
| 5513 020-01 | 5680 049-01 (15IP) | 5680 100-06 (15IP) |

1) Los accesorios deben pedirse por separado

A177

A179

A382

G6

A2

J2

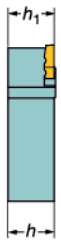
# CoroTurn® TR

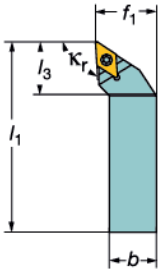
## Herramientas con mango

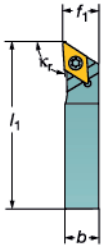
## Diseño de sujeción por tornillo

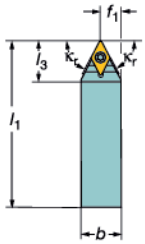
| | TR-D13JCR/L | TR-D13JCR/L-S | TR-D13NCN | TR-D13NCN-S |
|---|---|---|---|---|
| Ángulo de posición: | $\kappa_r$ 93° | $\kappa_r$ 93° | $\kappa_r$ 62,5° | $\kappa_r$ 62,5° |
| Ángulo de ataque: | -3° | -3° | 27.5° | 27.5° |
| | | Específico para mecanizado de piezas pequeñas | | Específico para mecanizado de piezas pequeñas |

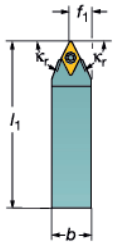
TR-DC



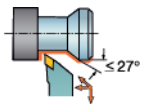
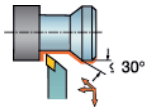
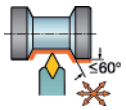
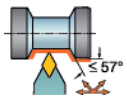




| | Neutro | Neutro |
|---|---|---|

Si no se especifica nada más, a derechas en la ilustración

## Versión en pulgadas

| Aplicación principal | | Código de pedido | Dimensiones, pulgadas $f_1$ | $b$ | $h$ | $h_1$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras ISO/ANSI | ft-lbs[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 13 | **TR-D13JCR/L 12B** | 1.000 | .750 | .750 | .750 | 4.500 | 1.122 | 0 | 0 | TR-DC1308 | 2.2 |
| | | **TR-D13JCR/L 16D** | 1.250 | 1.00 | 1.000 | 1.000 | 6.000 | 1.122 | 0 | 0 | TR-DC1308 | 2.2 |
|   | 13 | **TR-D13JCR/L 10C-S** | .625 | .625 | .625 | .625 | 5.000 | | 0 | 0 | TR-DC1308 | 2.2 |
|   | 13 | **TR-D13NCN 10C-S** | .331 | .625 | .625 | .625 | 5.000 | | 0 | 0 | TR-DC1308 | 2.2 |
|   | 13 | **TR-D13NCN 12B** | .394 | .750 | .750 | .750 | 4.500 | 1.024 | 0 | 0 | TR-DC1308 | 2.2 |
| | | **TR-D13NCN 16D** | .520 | 1.00 | 1.000 | 1.000 | 6.000 | 1.024 | 0 | 0 | TR-DC1308 | 2.2 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par de apriete de la plaquita, ft-lbs.

N = Neutra, R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tornillo de plaquita | Llave (Torx Plus) | Llave dinamométrica |
|---|---|---|
| 5513 020-01 | 5680 049-01 (15IP) | 5680 100-06 (15IP) |

1) Los accesorios deben pedirse por separado

A177
A179
A382
G6
A2
J2



SANDVIK Coromant

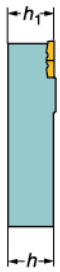
# CoroTurn® TR

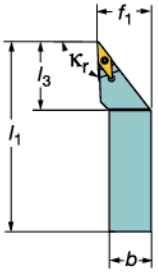
## Herramientas con mango

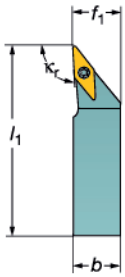
## Diseño de sujeción por tornillo

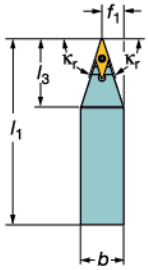
| | TR-V13JBR/L | TR-V13JBR/L-S | TR-V13VBN | TR-V13VBN-S |
|---|---|---|---|---|
| Ángulo de posición: | $\kappa_r$ 93° | $\kappa_r$ 93° | $k_r$ 72° | kr 72° |
| Ángulo de ataque: | -3° | -3° | 17.5° | 17.5° |
| | | Específico para mecanizado de piezas pequeñas | | Específico para mecanizado de piezas pequeñas |

TR-VB

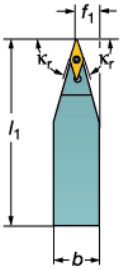


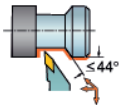
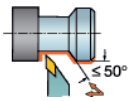
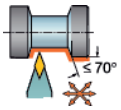

Neutro




Neutro

Si no se especifica nada más, a derechas en la ilustración

## Versión métrica

| Aplicación principal | | Código de pedido | Dimensiones, mm $f_1$ | $b$ | $h$ | $h_1$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras ISO/ANSI | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | 13 | TR-V13JBR/L 2020K | 25.0 | 20 | 20.0 | 20.0 | 125.0 | 32.0 | 0° | 0° | TR-VB1308 | 2.0 |
| | | TR-V13JBR/L 2525M | 32.0 | 25 | 25.0 | 25.0 | 150.0 | 40.9 | 0° | 0° | TR-VB1308 | 2.0 |
| | | TR-V13JBR/L 3225P | 32.0 | 25 | 32.0 | 32.0 | 170.0 | 40.9 | 0° | 0° | TR-VB1308 | 2.0 |
|   | 13 | TR-V13JBR/L 1616K-S | 16.0 | 16 | 16.0 | 16.0 | 125.0 | | 0° | 0° | TR-VB1308 | 2.0 |
|   | 13 | TR-V13VBN 1616K-S | 8.3 | 16 | 16.0 | 16.0 | 125.0 | | 0° | 0° | TR-VB1308 | 2.0 |
| | | TR-V13VBN 2020K | 10.5 | 20 | 20.0 | 20.0 | 125.0 | 31.8 | 0° | 0° | TR-VB1308 | 2.0 |
| | | TR-V13VBN 2525M | 13.0 | 25 | 25.0 | 25.0 | 150.0 | 39.7 | 0° | 0° | TR-VB1308 | 2.0 |
| | | TR-V13VBN 3225P | 13.0 | 25 | 32.0 | 32.0 | 170.0 | 39.7 | 0° | 0° | TR-VB1308 | 2.0 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm

N = Neutra, R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tornillo de plaquita | Llave (Torx Plus) | Llave dinamométrica |
|---|---|---|
| 5513 020-64 | 5680 049-04 (10IP) | 5680 100-05 (10IP) |

1) Los accesorios deben pedirse por separado

A177
A180
A382
G6
A2
J2

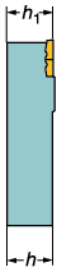
# CoroTurn® TR

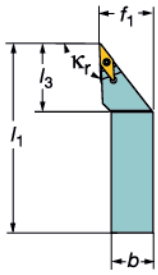
## Herramientas con mango

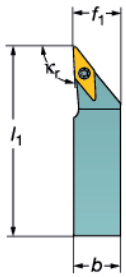
## Diseño de sujeción por tornillo

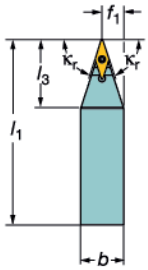
| | TR-V13JBR/L | TR-V13JBR/L-S | TR-V13VBN | TR-V13VBN-S |
|---|---|---|---|---|
| Ángulo de posición: | $\kappa_r$ 93° | $\kappa_r$ 93° | $k_r$ 72° | kr 72° |
| Ángulo de ataque: | -3° | -3° | 17.5° | 17.5° |
| | | Específico para mecanizado de piezas pequeñas | | Específico para mecanizado de piezas pequeñas |

TR-VB

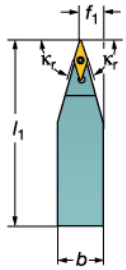



Neutro




Neutro

Si no se especifica nada más, a derechas en la ilustración

## Versión en pulgadas

| Aplicación principal | | Código de pedido | Dimensiones, pulgadas $f_1$ | $b$ | $h$ | $h_1$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras ISO/ANSI | ft-lbs[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≤44° | 13 | TR-V13JBR/L 12B | 1.000 | .750 | .750 | .750 | 4.500 | 1.260 | 0 | 0 | TR-VB1308 | 1.5 |
| | | TR-V13JBR/L 16D | 1.250 | 1.000 | 1.000 | 1.000 | 6.000 | 1.579 | 0 | 0 | TR-VB1308 | 1.5 |
| ≤50° | 13 | TR-V13JBR/L 10C-S | .625 | .625 | .625 | .625 | 5.000 | | 0 | 0 | TR-VB1308 | 1.5 |
| ≤70° | 13 | TR-V13VBN 10C-S | .331 | .625 | .625 | .625 | 5.000 | | 0 | 0 | TR-VB1308 | 1.5 |
| | | TR-V13VBN 12B | .394 | .750 | .750 | .750 | 4.500 | 1.193 | 0 | 0 | TR-VB1308 | 1.5 |
| | | TR-V13VBN 16D | .520 | 1.000 | 1.000 | 1.000 | 6.000 | 1.587 | 0 | 0 | TR-VB1308 | 1.5 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par de apriete de la plaquita, ft-lbs.

N = Neutra, R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tornillo de plaquita | Llave (Torx Plus) | Llave dinamométrica |
|---|---|---|
| 5513 020-64 | 5680 049-04 (10IP) | 5680 100-05 (10IP) |

1) Los accesorios deben pedirse por separado

A177
A180
A382
G6
A2
J2



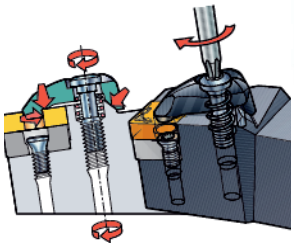
SANDVIK Coromant

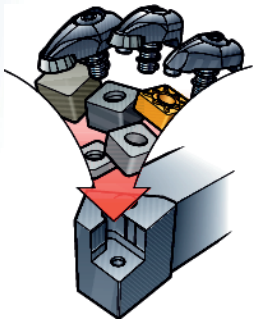
# Sujeción rígida CoroTurn® RC

## Herramientas exteriores para plaquitas de cerámica y de CBN de forma básica negativa

**Primera elección para un torneado productivo, estable y seguro**

El sistema CoroTurn® RC está disponible en unidades de corte Coromant Capto® y en diseño convencional de mango de acero para todas las formas de plaquita y ángulos de avance





**Sistema de 1ª elección para torneado, que ofrece:**

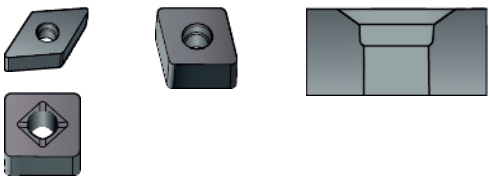
- Estabilidad única
- Funcionamiento excelente incluso en entornos con suciedad, por ejemplo en mecanizado de fundición
- Manejo sencillo; una llave Torx Plus para el cambio de plaquita y placa de apoyo
- Acceso fácil incluso si el mango está colocado hacia abajo

**Un sistema flexible**

El asiento de la punta de todos los mangos CoroTurn® RC ha sido diseñado para permitir una intercambiabilidad total al sustituir la sujeción y/o la placa de apoyo.

- Plaquitas de metal duro
- Plaquitas de cerámica con agujero
- Plaquitas de cerámica sin agujero
- Diferentes espesores de plaquita

Encontrará más información en la página A359.



**Plaquitas con agujero tipo Q**

La combinación de plaquitas con agujero tipo Q y el portaplquitas CoroTurn® RC mejora notablemente el rendimiento de la herramienta compardo con las plaquitas lisas en portaplaquitas normalizados. El agujero tipo Q en la plaquita elimina el riesgo de que ésta se mueva - algo especialmente importante en operaciones exigentes de debaste donde se emplean unas elevadas fuerzas de corte.

-2 -4

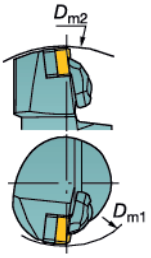
- - Juegos de sujeción para plaquitas de cerámica con o sin agujero.

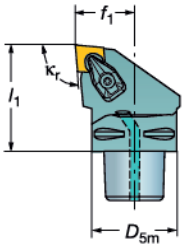
# Unidades de corte Coromant Capto®

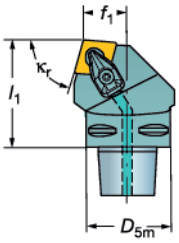
**CoroTurn® RC diseño de sujeción rígida para plaquitas de cerámica**

| | DCLNR/L -2 | DCRNR/L -2 |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 95° | $\kappa_r$ 75° |
| Ángulo de ataque: | -5° | 15° |

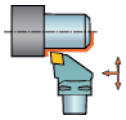
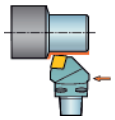
CNGQ
CNGA, CNMA




A la derecha en la ilustración a menos que se indique lo contrario

| Aplicación principal | □ | iC | Código de pedido | Dimensiones, milímetros, pulgadas (mm, pulg.) $D_{5m}$ | $D_{m1}$ mín. mm[4] | $D_{m1}$ mín. pulg.[4] | $D_{m2}$ mín. pulg.[4] | $D_{m2}$ mín. pulg.[4] | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | $\gamma$[1] | $\lambda_s$[2] | Plaquitas calibradoras ISO | ANSI | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 12 | 1/2 | C4-DCLNR/L-27050-12-2 | 40 | 110 | 4.331 | 140 | 5.512 | 27.0 | 1.063 | 50.0 | 1.968 | -6° | -6° | CNGQ 12 07 08 | CNGQ 452 | 3.9 |
| | | | C5-DCLNR/L-35060-12-2 | 50 | 110 | 4.331 | 165 | 6.496 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -6° | CNGQ 12 07 08 | CNGQ 452 | 3.9 |
| | | | C6-DCLNR/L-45065-12-2 | 63 | 110 | 4.331 | 190 | 7.480 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | CNGQ 12 07 08 | CNGQ 452 | 3.9 |
| | 16 | 5/8 | C5-DCLNR/L-35060-16-2 | 50 | 125 | 4.921 | 165 | 6.496 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -6° | CNGQ 16 07 12 | CNGQ 553 | 6.4 |
| | | | C6-DCLNR/L-45065-16-2 | 63 | 125 | 4.921 | 190 | 7.480 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | CNGQ 16 07 12 | CNGQ 553 | 6.4 |
|  | 12 | 1/2 | C4-DCRNR/L-22050-12-2 | 40 | | | 140 | 5.512 | 22.0 | .866 | 50.0 | 1.968 | -6° | -6° | CNGQ 12 07 08 | CNGQ 452 | 3.9 |
| | | | C5-DCRNR/L-27060-12-2 | 50 | | | 165 | 6.496 | 27.0 | 1.063 | 60.0 | 2.362 | -6° | -6° | CNGQ 12 07 08 | CNGQ 452 | 3.9 |
| | | | C6-DCRNR/L-35065-12-2 | 63 | | | 190 | 7.480 | 35.0 | 1.378 | 65.0 | 2.559 | -6° | -6° | CNGQ 12 07 08 | CNGQ 452 | 3.9 |
| | 16 | 5/8 | C5-DCRNR/L-27060-16-2 | 50 | | | 165 | 6.496 | 27.0 | 1.063 | 60.0 | 2.362 | -6° | -6° | CNGQ 16 07 12 | CNGQ 553 | 6.4 |
| | | | C6-DCRNR/L-35065-16-2 | 63 | | | 190 | 7.480 | 35.0 | 1.378 | 65.0 | 2.559 | -6° | -6° | CNGQ 16 07 12 | CNGQ 553 | 6.4 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Válido en combinación con la unidad de sujeción R/LC2090

R = A Derecha, L = A Izquierda

When using inserts with thickness 4.76 mm (.187 inch) optional shims must be ordered. See page A353.

## Piezas de repuesto principales

| Tamaño de plaquita □ | iC | Placa de apoyo | For insert thickness mm | pulgadas | Tornillo de la placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo |
|---|---|---|---|---|---|---|---|
| 12-2 | 1/2 | 5322 234-02 | 7.94 | .312" | 5513 020-02 | 5680 049-01 (15IP) | 5412 032-021[1] |
| 16-2 | 5/8 | 5322 234-04 | 7.94 | .312" | 5513 020-07 | 5680 043-14 (20IP) | 5412 032-031[1] |

1)Para modificar los portaplaquitas CoroTurn® RC para otras plaquitas, consulte los juegos de sujeción en la página A353.

A10
A198
A387
G6
A2
J2



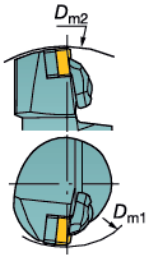
SANDVIK Coromant

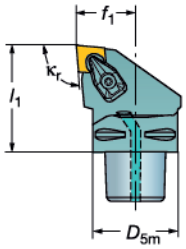
# Unidades de corte Coromant Capto®

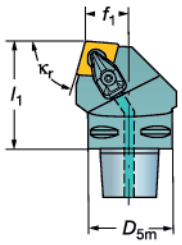
**CoroTurn® RC diseño de sujeción rígida para plaquitas de cerámica**

| | CCLNR/L -4 | CCRNR/L -4 |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 95° | $\kappa_r$ 75° |
| Ángulo de ataque: | -5° | 15° |

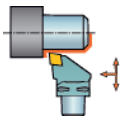
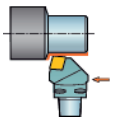
CNG




A la derecha en la ilustración a menos que se indique lo contrario

| Aplicación principal | □ | iC | Código de pedido | Dimensiones, milímetros, pulgadas (mm, pulg.) $D_{5m}$ | $D_{m1}$ mín. mm[4] | $D_{m1}$ mín. pulg.[4] | $D_{m2}$ mín. pulg.[4] | $D_{m2}$ mín. pulg.[4] | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | $\gamma$[1] | $\lambda_s$[2] | Plaquitas calibradoras ISO | ANSI | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 12 | 1/2 | C4-CCLNR/L-27050-12-4 | 40 | 110 | 4.331 | 140 | 5.512 | 27.0 | 1.063 | 50.0 | 1.968 | -6° | -6° | CNGN 12 07 08 | CNG 452 | 3.9 |
| | | | C5-CCLNR/L-35060-12-4 | 50 | 110 | 4.331 | 165 | 6.496 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -6° | CNGN 12 07 08 | CNG 452 | 3.9 |
| | | | C6-CCLNR/L-45065-12-4 | 63 | 110 | 4.331 | 190 | 7.480 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | CNGN 12 07 08 | CNG 452 | 3.9 |
| | 16 | 5/8 | C5-CCLNR/L-35060-16-4 | 50 | 125 | 4.921 | 165 | 6.496 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -6° | CNGN 16 07 12 | CNG 553 | 6.4 |
| | | | C6-CCLNR/L-45065-16-4 | 63 | 125 | 4.921 | 190 | 7.480 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | CNGN 16 07 12 | CNG 553 | 6.4 |
|  | 12 | 1/2 | C4-CCRNR/L-22050-12-4 | 40 | | | 140 | 5.512 | 22.0 | .866 | 50.0 | 1.968 | -6° | -6° | CNGN 12 07 08 | CNG 452 | 3.9 |
| | | | C5-CCRNR/L-27060-12-4 | 50 | | | 165 | 6.496 | 27.0 | 1.063 | 60.0 | 2.362 | -6° | -6° | CNGN 12 07 08 | CNG 452 | 3.9 |
| | | | C6-CCRNR/L-35065-12-4 | 63 | | | 190 | 7.480 | 35.0 | 1.378 | 65.0 | 2.559 | -6° | -6° | CNGN 12 07 08 | CNG 452 | 3.9 |
| | 16 | 5/8 | C5-CCRNR/L-27060-16-4 | 50 | | | 165 | 6.496 | 27.0 | 1.063 | 60.0 | 2.362 | -6° | -6° | CNGN 16 07 12 | CNG 553 | 6.4 |
| | | | C6-CCRNR/L-35065-16-4 | 63 | | | 190 | 7.480 | 35.0 | 1.378 | 65.0 | 2.559 | -6° | -6° | CNGN 16 07 12 | CNG 553 | 6.4 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).

2) $\lambda_s$ = Ángulo de inclinación

3) Par torsor de la plaquita Nm

4) Válido en combinación con la unidad de sujeción R/LC2090

R = A Derecha, L = A Izquierda

When using inserts with thickness 4.76 mm (.187 inch) optional shims must be ordered. See page A353.

## Piezas de repuesto principales

| Tamaño de plaquita □ | iC | Placa de apoyo | For insert thickness mm | pulgadas | Tornillo de la placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo |
|---|---|---|---|---|---|---|---|
| 12-4 | 1/2 | 5322 234-02 | 7.94 | .312" | 5513 020-02 | 5680 049-01 (15IP) | 5412 032-021[1] |
| 16-4 | 5/8 | 5322 234-04 | 7.94 | .312" | 5513 020-07 | 5680 043-14 (20IP) | 5412 032-031[1] |

[1]Para modificar los portaplaquitas CoroTurn® RC para otras plaquitas, consulte los juegos de sujeción en la página A353.

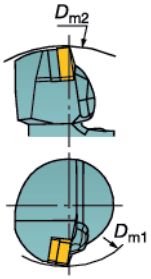
A10
A190
A384
G6
A2
J2

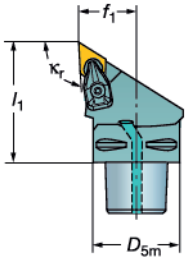
# Unidades de corte Coromant Capto®

**CoroTurn® RC diseño de sujeción rígida para plaquitas de cerámica**

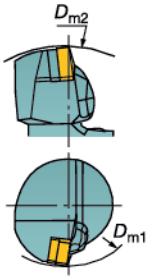
| | **DDJNR/L -2** | **CDJNR/L -4** |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 93° | $\kappa_r$ 93° |
| Ángulo de ataque: | -3° | -3° |

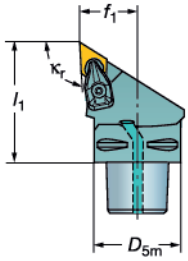
DNGQ
DNGA, DNMA



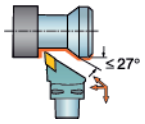



DNG

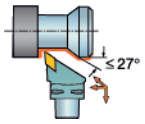



A la derecha en la ilustración a menos que se indique lo contrario

| Aplicación principal | | | | Dimensiones, milímetros, pulgadas (mm, pulg.) | | | | | | | | | | | Plaquitas calibradoras | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | $D_{5m}$ | $D_{m1}$ mín. mm[4] | $D_{m1}$ mín. pulg.[4] | $D_{m2}$ mín. pulg.[4] | $D_{m2}$ mín. pulg.[4] | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | $\gamma$[1] | $\lambda_s$[2] | ISO | ANSI | Nm[3] |
|  | 15 | 1/2 | **C5-DDJNR/L-35060-15-2** | 50 | 110 | 4.331 | 165 | 6.496 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -7° | DNGQ 15 07 08 | DNGQ 452 | 3.9 |
| | | | **C6-DDJNR/L-45065-15-2** | 63 | 110 | 4.331 | 190 | 7.480 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -7° | DNGQ 15 07 08 | DNGQ 452 | 3.9 |



| Aplicación principal | | | | Dimensiones, milímetros, pulgadas (mm, pulg.) | | | | | | | | | | | Plaquitas calibradoras | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | $D_{5m}$ | $D_{m1}$ mín. mm[4] | $D_{m1}$ mín. pulg.[4] | $D_{m2}$ mín. pulg.[4] | $D_{m2}$ mín. pulg.[4] | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | $\gamma$[1] | $\lambda_s$[2] | ISO | ANSI | Nm[3] |
|  | 15 | 1/2 | **C5-CDJNR/L-35060-15-4** | 50 | 110 | 4.331 | 165 | 6.496 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -7° | DNGN 15 07 08 | DNG 452 | 3.9 |
| | | | **C6-CDJNR/L-45065-15-4** | 63 | 110 | 4.331 | 190 | 7.480 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -7° | DNGN 15 07 08 | DNG 452 | 3.9 |



1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Válido en combinación con la unidad de sujeción R/LC2090

R = A Derecha, L = A Izquierda

When using inserts with thickness 4.76 mm (.187 inch) optional shims must be ordered. See page A353.

## Piezas de repuesto principales

| Tamaño de plaquita | | | For insert thickness | | | | |
|---|---|---|---|---|---|---|---|
| | *iC* | Placa de apoyo | mm | pulgadas | Tornillo de la placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo |
| 15-2 | 1/2 (-2) | 5322 266-03 | 7.94 | .312" | 5513 020-02 | 5680 049-01 (15IP) | 5412 032-021[1] |
| 15-4 | 5/8 (-4) | 5322 266-03 | 7.94 | .312" | 5513 020-02 | 5680 049-01 (15IP) | 5412 034-021[1] |

[1]Para modificar los portaplaquitas CoroTurn® RC para otras plaquitas, consulte los juegos de sujeción en la página A353.

A10

A192

A384

G6

A2

J2



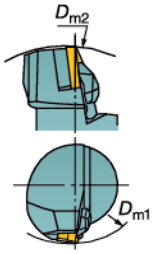
SANDVIK Coromant

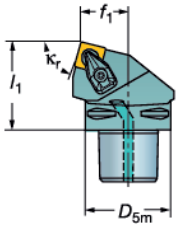
# Unidades de corte Coromant Capto®

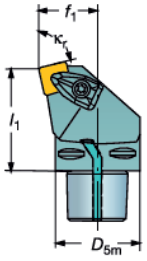
**CoroTurn® RC diseño de sujeción rígida para plaquitas de cerámica**

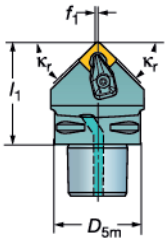
| | DSRNR/L -2 | DSKNR/L -2 | DSDNN -2 |
|---|---|---|---|
| Ángulo de posición: | $\kappa_r$ 75° | $\kappa_r$ 75° | $\kappa_r$ 45° |
| Ángulo de ataque: | 15° | 15° | 45° |

SNGQ
SNGA, SNMA



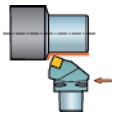
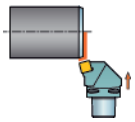
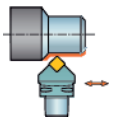




Neutro

A la derecha en la ilustración a menos que se indique lo contrario

| Aplicación principal | □ | iC | Código de pedido | Dimensiones, milímetros, pulgadas (mm, pulg.) $D_{5m}$ | $D_{m1}$ mín. mm[4] | $D_{m1}$ mín. pulg.[4] | $D_{m2}$ mín. pulg.[4] | $D_{m2}$ mín. pulg.[4] | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | $\gamma$[1] $\lambda_s$[2] | Plaquitas calibradoras ISO | ANSI | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 12 | 1/2 | C4-DSRNR/L-22050-12-2 | 40 | | | 140 | 5.512 | 22.0 | .866 | 50.0 | 1.968 | -6° -6° | SNGQ 12 07 08 | SNGQ 452 | 3.9 |
| | | | C5-DSRNR/L-27060-12-2 | 50 | | | 165 | 6.496 | 27.0 | 1.063 | 60.0 | 2.362 | -6° -6° | SNGQ 12 07 08 | SNGQ 452 | 3.9 |
| | | | C6-DSRNR/L-35065-12-2 | 63 | | | 190 | 7.480 | 35.0 | 1.378 | 65.0 | 2.559 | -6° -6° | SNGQ 12 07 08 | SNGQ 452 | 3.9 |
|  | 12 | 1/2 | C4-DSKNR/L-27050-12-2 | 40 | 110 | 4.331 | | | 27.0 | 1.063 | 50.0 | 1.968 | -6° -6° | SNGQ 12 07 08 | SNGQ 452 | 3.9 |
| | | | C5-DSKNR/L-35060-12-2 | 50 | 110 | 4.331 | | | 35.0 | 1.378 | 60.0 | 2.362 | -6° -6° | SNGQ 12 07 08 | SNGQ 452 | 3.9 |
| | | | C6-DSKNR/L-45065-12-2 | 63 | 110 | 4.331 | | | 45.0 | 1.772 | 65.0 | 2.559 | -6° -6° | SNGQ 12 07 08 | SNGQ 452 | 3.9 |
|  | 12 | 1/2 | C4-DSDNN-00050-12-2 | 40 | | | 140 | 5.512 | 0.3 | .012 | 50.0 | 1.968 | -6° -6° | SNGQ 12 07 08 | SNGQ 452 | 3.9 |
| | | | C5-DSDNN-00060-12-2 | 50 | | | 165 | 6.496 | 0.3 | .012 | 60.0 | 2.362 | -6° -6° | SNGQ 12 07 08 | SNGQ 452 | 3.9 |
| | | | C6-DSDNN-00065-12-2 | 63 | | | 190 | 7.480 | 0.3 | .012 | 65.0 | 2.559 | -6° -6° | SNGQ 12 07 08 | SNGQ 452 | 3.9 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Válido en combinación con la unidad de sujeción R/LC2090

R = A Derecha, L = A Izquierda
N = Neutro

When using inserts with thickness 4.76 mm (.187 inch) optional shims must be ordered. See page A353.

## Piezas de repuesto principales

| Tamaño de plaquita □ | iC | Placa de apoyo | For insert thickness mm | pulgadas | Tornillo de la placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo |
|---|---|---|---|---|---|---|---|
| 12-2 | 1/2 | 5322 425-02 | 7.94 | .312" | 5513 020-02 | 5680 049-01 (15IP) | 5412 032-021[1] |

[1]Para modificar los portaplaquitas CoroTurn® RC para otras plaquitas, consulte los juegos de sujeción en la página A353.

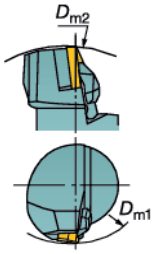
A10
A205
A387
G6
A2
J2

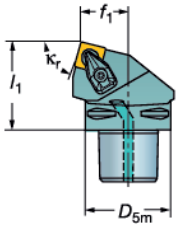
# Unidades de corte Coromant Capto®

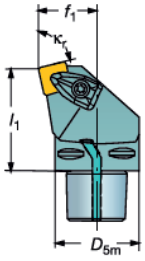
## CoroTurn® RC diseño de sujeción rígida para plaquitas de cerámica

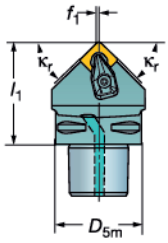
| | CSRNR/L -4 | CSKNR/L -4 | CSDNN -4 |
|---|---|---|---|
| Ángulo de posición: | $\kappa_r$ 75° | $\kappa_r$ 75° | $\kappa_r$ 45° |
| Ángulo de ataque: | 15° | 15° | 45° |

SNG



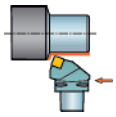
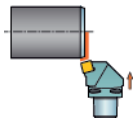
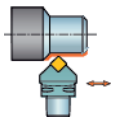




Neutro

A la derecha en la ilustración a menos que se indique lo contrario

| Aplicación principal | □ | iC | Código de pedido | Dimensiones, milímetros, pulgadas (mm, pulg.) $D_{5m}$ | $D_{m1}$ mín. mm[4] | $D_{m1}$ mín. pulg.[4] | $D_{m2}$ mín. pulg.[4] | $D_{m2}$ mín. pulg.[4] | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | γ[1] | λs[2] | Plaquitas calibradoras ISO | ANSI | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 12 | 1/2 | C4-CSRNR/L-22050-12-4 | 40 | | | 140 | 5.512 | 22.0 | .866 | 50.0 | 1.968 | -6° | -6° | SNGN 12 07 08 | SNG 452 | 3.9 |
| | | | C5-CSRNR/L-27060-12-4 | 50 | | | 165 | 6.496 | 27.0 | 1.063 | 60.0 | 2.362 | -6° | -6° | SNGN 12 07 08 | SNG 452 | 3.9 |
| | | | C6-CSRNR/L-35065-12-4 | 63 | | | 190 | 7.480 | 35.0 | 1.378 | 65.0 | 2.559 | -6° | -6° | SNGN 12 07 08 | SNG 452 | 3.9 |
| | 15 | 5/8 | C5-CSRNR/L-27060-15-4 | 50 | | | 165 | 6.496 | 27.0 | 1.063 | 60.0 | 2.362 | -6° | -6° | SNGN 15 07 12 | SNG 553 | 6.4 |
| | | | C6-CSRNR/L-35065-15-4 | 63 | | | 190 | 7.480 | 35.0 | 1.378 | 65.0 | 2.559 | -6° | -6° | SNGN 15 07 12 | SNG 553 | 6.4 |
|  | 12 | 1/2 | C4-CSKNR/L-27050-12-4 | 40 | 110 | 4.331 | | | 27.0 | 1.063 | 50.0 | 1.968 | -6° | -6° | SNGN 12 07 08 | SNG 452 | 3.9 |
| | | | C5-CSKNR/L-35060-12-4 | 50 | 110 | 4.331 | | | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -6° | SNGN 12 07 08 | SNG 452 | 3.9 |
| | | | C6-CSKNR/L-45065-12-4 | 63 | 110 | 4.331 | | | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | SNGN 12 07 08 | SNG 452 | 3.9 |
|  | 12 | 1/2 | C4-CSDNN-00050-12-4 | 40 | | | 140 | 5.512 | 0.3 | .012 | 50.0 | 1.968 | -6° | -6° | SNGN 12 07 08 | SNG 452 | 3.9 |
| | | | C5-CSDNN-00060-12-4 | 50 | | | 165 | 6.496 | 0.3 | .012 | 60.0 | 2.362 | -6° | -6° | SNGN 12 07 08 | SNG 452 | 3.9 |
| | | | C6-CSDNN-00065-12-4 | 63 | | | 190 | 7.480 | 0.3 | .012 | 65.0 | 2.559 | -6° | -6° | SNGN 12 07 08 | SNG 452 | 3.9 |
| | 15 | 5/8 | C5-CSDNN-00060-15-4 | 50 | | | 165 | 6.496 | 0.5 | .020 | 60.0 | 2.362 | -6° | -6° | SNGN 15 07 12 | SNG 553 | 6.4 |
| | | | C6-CSDNN-00065-15-4 | 63 | | | 190 | 7.480 | 0.5 | .020 | 65.0 | 2.559 | -6° | -6° | SNGN 15 07 12 | SNG 553 | 6.4 |

1) γ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Válido en combinación con la unidad de sujeción R/LC2090

R = A Derecha, L = A Izquierda
N = Neutro

When using inserts with thickness 4.76 mm (.187 inch) optional shims must be ordered. See page A353.

### Piezas de repuesto principales

| Tamaño de plaquita □ | iC | Placa de apoyo | For insert thickness mm | pulgadas | Tornillo de la placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo |
|---|---|---|---|---|---|---|---|
| 12-4 | 1/2 | 5322 425-02 | 7.94 | .312" | 5513 020-02 | 5680 049-01 (15IP) | 5412 034-021[1] |
| 15-4 | 5/8 | 5322 425-05 | 7.94 | .312" | 5513 020-07 | 5680 043-14 (20IP) | 5412 034-031[1] |

[1]Para modificar los portaplaquitas CoroTurn® RC para otras plaquitas, consulte los juegos de sujeción en la página A353.

A10
A209
A384
G6
A2
J2



SANDVIK Coromant

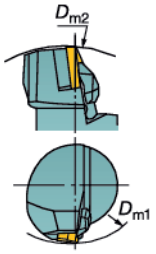
# Unidades de corte Coromant Capto®

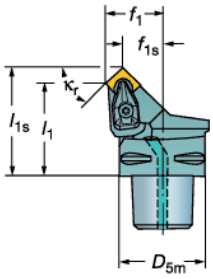
**CoroTurn® RC diseño de sujeción rígida para plaquitas de cerámica**

**DSSNR/L -2**

Ángulo de posición: $\kappa_r$ 45°
Ángulo de ataque: 45°

SNGQ
SNGA, SNMA

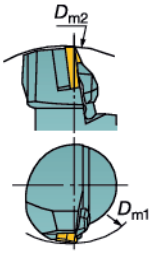


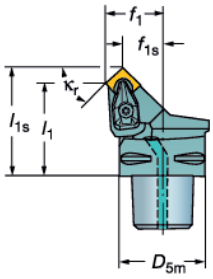




**CSSNR/L -4**

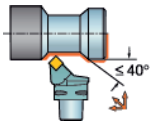
$\kappa_r$ 45°
45°

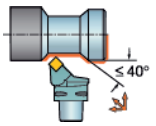
SNG




A la derecha en la ilustración a menos que se indique lo contrario

| Aplicación principal | □ | iC | Código de pedido | Dimensiones, mm, pulgadas $D_{5m}$ | $D_{m1}$ mín[4] | $D_{m2}$ mín[4] | $f_1$ | $f_{1s}$ | $l_1$ | $l_{1s}$ | $\gamma$[1] | $\lambda s$[2] | kg | Plaquitas calibradoras ISO | ANSI | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 12 | 1/2 | C4-DSSNR/L-27042-12-2 | 40 | 110 | 140 | 27 | 18.7 | 42 | 50.3 | -8° | 0° | 0.4 | SNGQ 12 07 08 | SNGQ 452 | 3.9 |
| | | | | *1.575* | *4.331* | *5.512* | *1.063* | *0.7362* | *1.654* | *1.9803* | *-8°* | *0°* | | | | |
| | | | C5-DSSNR/L-35052-12-2 | 50 | 110 | 165 | 35 | 26.7 | 52 | 60.3 | -8° | 0° | 0.7 | SNGQ 12 07 08 | SNGQ 452 | 3.9 |
| | | | | *1.968* | *4.331* | *6.496* | *1.378* | *1.0512* | *2.047* | *2.374* | *-8°* | *0°* | | | | |
| | | | C6-DSSNR/L-45056-12-2 | 63 | 110 | 190 | 45 | 36.7 | 56 | 64.3 | -8° | 0° | 1.1 | SNGQ 12 07 08 | SNGQ 452 | 3.9 |
| | | | | *2.480* | *4.331* | *7.480* | *1.772* | *1.4449* | *2.205* | *2.5315* | *-8°* | *0°* | | | | |

| Aplicación principal | □ | iC | Código de pedido | Dimensiones, mm, pulgadas $D_{5m}$ | $D_{m1}$ mín[4] | $D_{m2}$ mín[4] | $f_1$ | $f_{1s}$ | $l_1$ | $l_{1s}$ | $\gamma$[1] | $\lambda s$2) 2)</ font> | kg | Plaquitas calibradoras ISO | ANSI | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 12 | 1/2 | C4-CSSNR/L-27042-12-4 | 40 | 110 | 140 | 27 | 18.7 | 42 | 50.3 | -8° | 0° | 0.4 | SNGN 12 07 08 | SNG 452 | 3.9 |
| | | | | *1.575* | *4.331* | *5.512* | *1.063* | *0.7362* | *1.654* | *1.9803* | *-8°* | *0°* | | | | |
| | | | C5-CSSNR/L-35052-12-4 | 50 | 110 | 165 | 35 | 26.7 | 52 | 60.3 | -8° | 0° | 0.7 | SNGN 12 07 08 | SNG 452 | 3.9 |
| | | | | *1.968* | *4.331* | *6.496* | *1.378* | *1.0512* | *2.047* | *2.374* | *-8°* | *0°* | | | | |
| | | | C6-CSSNR/L-45056-12-4 | 63 | 110 | 190 | 45 | 36.7 | 56 | 64.3 | -8° | 0° | 1.1 | SNGN 12 07 08 | SNG 452 | 3.9 |
| | | | | *2.480* | *4.331* | *7.480* | *1.772* | *1.4449* | *2.205* | *2.5315* | *-8°* | *0°* | | | | |
| | 15 | 5/8 | C5-CSSNR/L-35050-15-4 | 50 | 125 | 165 | 35 | 24.8 | 50 | 60.2 | -8° | 0° | 0.7 | SNGN 15 07 12 | SNG 553 | 6.4 |
| | | | | *1.968* | *4.921* | *6.496* | *1.378* | *0.9764* | *1.968* | *2.3701* | *-8°* | *0°* | | | | |
| | | | C6-CSSNR/L-45054-15-4 | 63 | 125 | 190 | 45 | 34.8 | 54 | 64.2 | -8° | 0° | 1.1 | SNGN 15 07 12 | SNG 553 | 6.4 |
| | | | | *2.480* | *4.921* | *7.480* | *1.772* | *1.3701* | *2.126* | *2.5276* | *-8°* | *0°* | | | | |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Válido en combinación con la unidad de sujeción R/LC2090

R = A Derecha, L = A Izquierda
N = Neutro

When using inserts with thickness 4.76 mm (.187 inch) optional shims must be ordered. See page A353.

## Piezas de repuesto principales

| Tamaño de plaquita □ | iC | Placa de apoyo | For insert thickness mm | pulgadas | Tornillo de la placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo |
|---|---|---|---|---|---|---|---|
| 12-2 | 1/2 | 5322 425-02 | 7.94 | .312" | 5513 020-02 | 5680 049-01 (15IP) | 5412 032-021[1] |

[1]Para modificar los portaplaquitas CoroTurn® RC para otras plaquitas, consulte los juegos de sujeción en la página A353.

A10
A205
A387
G6
A2
J2

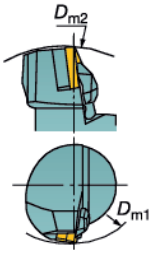
# Unidades de corte Coromant Capto®

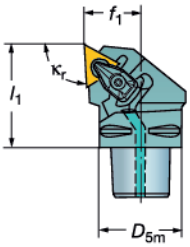
**CoroTurn® RC diseño de sujeción rígida para plaquitas de cerámica**

**DTGNR/L -2**

Ángulo de posición: $\kappa_r$ 91°
Ángulo de ataque: -1°

TNGA, TNMA

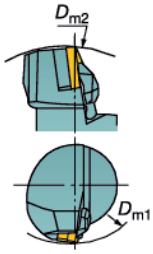


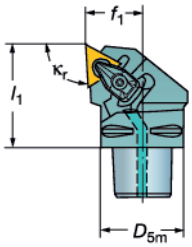




**CTGNR/L -4**

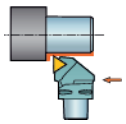
$\kappa_r$ 91°
-1°

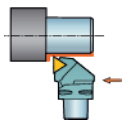
TNG




A la derecha en la ilustración a menos que se indique lo contrario

| Aplicación principal | △ | *iC* | Código de pedido | Dimensiones, milímetros, pulgadas (mm, pulg.) $D_{5m}$ | $D_{m1}$ mín. mm[4] | $D_{m1}$ mín. pulg.[4] | $D_{m2}$ mín. pulg.[4] | $D_{m2}$ mín. pulg.[4] | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | $\gamma$[1] | $\lambda_s$[2] | Plaquitas calibradoras ISO | ANSI | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 22 | 1/2 | **C4-DTGNR/L-27050-22-2** | 40 | 110 | 4.331 | 140 | 5.512 | 27.0 | 1.063 | 50.0 | 1.968 | -6° | -6° | TNGA 22 04 08 | TNGA 432 | 3.9 |
| | | | **C5-DTGNR/L-35060-22-2** | 50 | 110 | 4.331 | 165 | 6.496 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -6° | TNGA 22 04 08 | TNGA 432 | 3.9 |
| | | | **C6-DTGNR/L-45065-22-2** | 63 | 110 | 4.331 | 190 | 7.480 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | TNGA 22 04 08 | TNGA 432 | 3.9 |

| Aplicación principal | △ | *iC* | Código de pedido | Dimensiones, milímetros, pulgadas (mm, pulg.) $D_{5m}$ | $D_{m1}$ mín. mm[4] | $D_{m1}$ mín. pulg.[4] | $D_{m2}$ mín. pulg.[4] | $D_{m2}$ mín. pulg.[4] | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | $\gamma$[1] | $\lambda_s$[2] | Plaquitas calibradoras ISO | ANSI | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 22 | 1/2 | **C4-CTGNR/L-27050-22-4** | 40 | 110 | 4.331 | 140 | 5.512 | 27.0 | 1.063 | 50.0 | 1.968 | -6° | -6° | TNGN 22 04 08 | TNG 432 | 3.9 |
| | | | **C5-CTGNR/L-35060-22-4** | 50 | 110 | 4.331 | 165 | 6.496 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -6° | TNGN 22 04 08 | TNG 432 | 3.9 |
| | | | **C6-CTGNR/L-45065-22-4** | 63 | 110 | 4.331 | 190 | 7.480 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | TNGN 22 04 08 | TNG 432 | 3.9 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Válido en combinación con la unidad de sujeción R/LC2090

R = A Derecha, L = A Izquierda
N = Neutro

When using inserts with thickness 4.76 mm (.187 inch) optional shims must be ordered. See page A353.

## Piezas de repuesto principales

| Tamaño de plaquita △ | *iC* | Placa de apoyo | For insert thickness mm | pulgadas | Tornillo de la placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo |
|---|---|---|---|---|---|---|---|
| 22-2 | 1/2-(-2) | 5322 315-04 | 4.76 | .187" | 5513 020-02 | 5680 049-01 (15IP) | 5412 032-021[1] |
| 22-4 | 1/2-(-4) | 5322 315-04 | 4.76 | .187" | 5513 020-02 | 5680 049-01 (15IP) | 5412 034-021[1] |

1)Para modificar los portaplaquitas CoroTurn® RC para otras plaquitas, consulte los juegos de sujeción en la página A353.

A10
A210
A384
G6
A2
J2

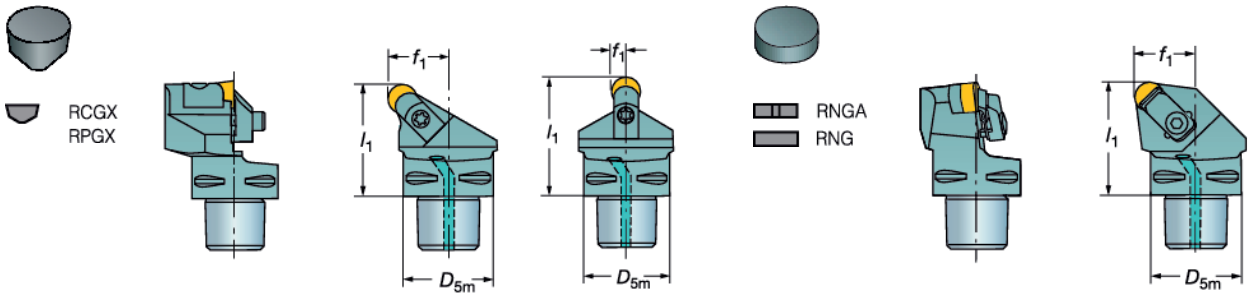


SANDVIK Coromant

# Unidades de corte Coromant Capto®

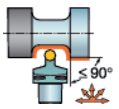
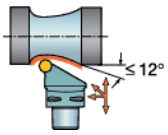
**T-Max® diseño de sujeción superior para plaquita cerámica**

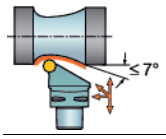
**CRSCR/L** **CRDCN** **CRSNR/L**




Neutro

A la derecha en la ilustración a menos que se indique lo contrario

| Aplicación principal | ⌀ | *iC* | Código de pedido | Dimensiones, milímetros, pulgadas (mm, pulg.) $D_{5m}$ | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | $\gamma$ 1) | $\lambda s$ 2) | Plaquitas calibradoras ISO | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 09 | 3/8 | **C5-CRDCN-00060-09AV** | 50 | 4.8 | .188 | 60.0 | 2.362 | 0° | 0° | RCGX 09 07 00 | RCGX 35 |
| | 12 | 1/2 | **C5-CRDCN-00060-12AV** | 50 | 6.4 | .250 | 60.0 | 2.362 | 0° | 0° | RCGX 12 07 00 | RCGX 45 |
|  | 09 | 3/8 | **C5-CRSCR/L-35060-09V** | 50 | 35.0 | 1.378 | 60.0 | 2.362 | 0° | 0° | RCGX 09 07 00 | RCGX 35 |
| | 12 | 1/2 | **C5-CRSCR/L-35060-12V** | 50 | 35.0 | 1.378 | 60.0 | 2.362 | 0° | 0° | RCGX 12 07 00 | RCGX 45 |

| | ⌀ | *iC* | Código de pedido | Dimensiones, milímetros, pulgadas (mm, pulg.) $D_{5m}$ | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | $\gamma$ 1) | $\lambda s$ 2) | Plaquitas calibradoras ISO | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 09 | 3/8 | **C3-CRSNR/L-22040-09ID** | 32 | 22.0 | .866 | 40.0 | 1.575 | -6° | -6° | RNGN 09 03 00 | RNG 32 |
| | 12 | 1/2 | **C4-CRSNR/L-27050-12ID** | 40 | 27.0 | 1.063 | 50.0 | 1.968 | -6° | -6° | RNGN 12 07 00 | RNG 45 |
| | | | **C5-CRSNR/L-35060-12ID** | 50 | 35.0 | 1.378 | 60.0 | 2.362 | -6° | -6° | RNGN 12 07 00 | RNG 45 |
| | | | **C6-CRSNR/L-45065-12ID** | 63 | 45.0 | 1.772 | 65.0 | 2.559 | -6° | -6° | RNGN 12 07 00 | RNG 45 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda
N = Neutro

## Piezas de repuesto principales

| Tamaño de plaquita ⌀ | *iC* | Amarre | Tornillo de sujeción | Llave (Torx Plus) |
|---|---|---|---|---|
| 09 (V, AV) | 3/8 (V) | 5412 100-01 | 3212 035-452 | 5680 043-16 (27IP) |
| 12 (V, AV) | 1/2 (V) | 5412 100-02 | 3212 036-504 | 5680 043-17 (30IP) |

| ⌀ | *iC* | Amarre | Placa de presión | Llave (mm) | Placa de apoyo (para espesor de plaquita) | Tornillo de la placa de apoyo | Llave (mm/Torx Plus) |
|---|---|---|---|---|---|---|---|
| 09-ID | 3/8(-ID) | 5412 127-01 | - | 3021 010-040 (4.0) | 5321 215-01 (7.97 mm, .313 inch) | 3212 100-206 | 174.1-870 (2.0) |
| 12-ID | 1/2(-ID) | 5412 125-01 | 5192-020-01 | 3021 010-040 (4.0) | 5322 141-01 (7.97 mm, .313 inch) | 5513 013-02 | 5680 043-14 |

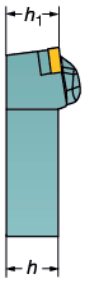
A10
A213
A386
G6
A2
J2

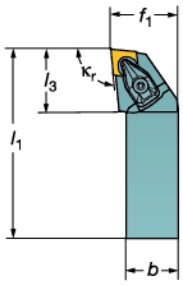
# Herramientas con mango

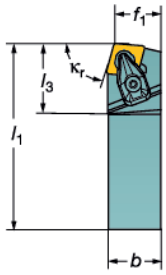
**CoroTurn® RC diseño de sujeción rígida para plaquitas de cerámica**

| | **DCLNR/L -2** | **DCBNR/L-2 DCRNR/L -2** |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 95° | $\kappa_r$ 75° |
| Ángulo de ataque: | -5° | 15° |

CNGQ
CNGA, CNMA

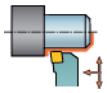
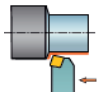


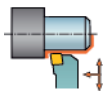
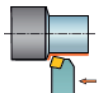




A la derecha en la ilustración a menos que se indique lo contrario

## Versión métrica

| Aplicación principal | □ | **Código de pedido** | Dimensiones, mm *b* | *f*1 | *h* | *h*1 | *l*1 | *l*3 | γ1) | λs2) | Plaquitas calibradoras | Nm3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 12 | **DCLNR/L 2525M 12-2** | 25 | 32 | 25 | 25 | 150 | 32 | -6° | -6° | CNGQ 12 07 08 | 3.9 |
| | | **DCLNR/L 3225P 12-2** | 25 | 32 | 32 | 32 | 170 | 32 | -6° | -6° | CNGQ 12 07 08 | 3.9 |
| | 16 | **DCLNR/L 2525M 16-2** | 25 | 32 | 25 | 25 | 150 | 39 | -6° | -6° | CNGQ 16 07 12 | 6.4 |
| | | **DCLNR/L 3225P 16-2** | 25 | 32 | 32 | 32 | 170 | 39 | -6° | -6° | CNGQ 16 07 12 | 6.4 |
| | | **DCLNR/L 3232P 16-2** | 32 | 40 | 32 | 32 | 170 | 39 | -6° | -6° | CNGQ 16 07 12 | 6.4 |
|  | 12 | **DCBNR/L 2525M 12-2** | 25 | 22 | 25 | 25 | 150 | 34.6 | -6° | -6° | CNGQ 12 07 08 | 3.9 |
| | | **DCBNR/L 3225P 12-2** | 25 | 22 | 32 | 32 | 170 | 34.6 | -6° | -6° | CNGQ 12 07 08 | 3.9 |
| | 16 | **DCBNR/L 3225P 16-2** | 25 | 22 | 32 | 32 | 170 | 41.5 | -6° | -6° | CNGQ 16 07 12 | 6.4 |

## Versión en pulgadas

| Aplicación principal | *iC* | **Código de pedido** | Dimensiones, pulgadas *b* | *f*1 | *h* | *h*1 | *l*1 | *l*3 | γ1) | λs2) | Plaquitas calibradoras | p-lbs4) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/2 | **DCLNR/L 124B-2** | .750 | 1.000 | .750 | .750 | 4.500 | 1.260 | -6° | -6° | CNGQ 452 | 2.1 |
| | | **DCLNR/L 164C-2** | 1.000 | 1.250 | 1.000 | 1.000 | 5.000 | 1.260 | -6° | -6° | CNGQ 452 | 2.1 |
| | | **DCLNR/L 164D-2** | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | 1.260 | -6° | -6° | CNGQ 452 | 2.1 |
| | | **DCLNR/L 204D-2** | 1.250 | 1.500 | 1.250 | 1.250 | 6.000 | 1.260 | -6° | -6° | CNGQ 452 | 2.1 |
| | | **DCLNR/L 244D-2** | 1.500 | 2.000 | 1.500 | 1.500 | 6.000 | 1.260 | -6° | -6° | CNGQ 452 | 2.1 |
| | | **DCLNR/L 854D-2** | 1.000 | 1.250 | 1.250 | 1.250 | 6.000 | 1.260 | -6° | -6° | CNGQ 452 | 2.1 |
| | 5/8 | **DCLNL 855D-2** | 1.000 | 1.250 | 1.250 | 1.250 | 6.000 | 1.540 | -6° | -6° | CNGQ 553 | 3.5 |
| | | **DCLNR/L 205D-2** | 1.250 | 1.500 | 1.250 | 1.250 | 6.000 | 1.540 | -6° | -6° | CNGQ 553 | 3.5 |
| | | **DCLNR/L 245D-2** | 1.500 | 2.000 | 1.500 | 1.500 | 6.000 | 1.540 | -6° | -6° | CNGQ 553 | 3.5 |
|  | 1/2 | **DCRNR/L 124BM1-2** | .750 | .855 | .750 | .750 | 4.500 | 1.350 | -6° | -6° | CNGQ 452 | 2.1 |
| | | **DCRNR/L 164DM1-2** | 1.000 | 1.048 | 1.000 | 1.000 | 6.000 | 1.350 | -6° | -6° | CNGQ 452 | 2.1 |
| | | **DCRNR/L 204DM1-2** | 1.250 | 1.292 | 1.250 | 1.250 | 6.000 | 1.350 | -6° | -6° | CNGQ 452 | 2.1 |
| | | **DCRNR/L 244DM1-2** | 1.500 | 1.697 | 1.500 | 1.500 | 6.000 | 1.350 | -6° | -6° | CNGQ 452 | 2.1 |
| | | **DCRNR/L 854D-2** | 1.000 | 1.047 | 1.250 | 1.250 | 6.000 | 1.360 | -6° | -6° | CNGQ 452 | |
| | 5/8 | **DCRNR/L 855D-2** | 1.000 | 1.047 | 1.250 | 1.250 | 6.000 | 1.640 | -6° | -6° | CNGQ 553 | 3.5 |

1) γ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

Cuando se utilicen plaquitas con espesor 4.76mm (.187 pulg) se debe pedir una placa de apoyo opcional. Ver pagina A353.

## Piezas de repuesto principales

| Tamaño de plaquita □ | *iC* | Placa de apoyo | Para espesor de plaquitas mm | pulgadas | Tornillo de la placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo |
|---|---|---|---|---|---|---|---|
| 12-2 | 1/2 (-2) | 5322 234-02 | 7.94 | .312 | 5513 020-02 | 5680 049-01 (15IP) | 5412 032-021) |
| 16-2 | 5/8 (-2) | 5322 234-04 | 7.94 | .312 | 5513 020-07 | 5680 043-14 (20IP) | 5412 032-031) |

1)Para modificar los portaplaquitas CoroTurn® RC para otras plaquitas, consulte los juegos de sujeción en la página A353.

A10
A186
A387
G6
A2
J2



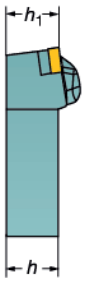
SANDVIK Coromant

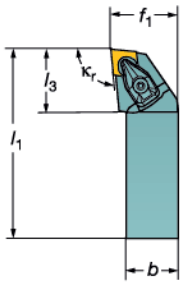
# Herramientas con mango

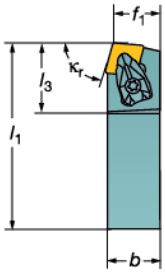
**CoroTurn® RC diseño de sujeción rígida para plaquitas de cerámica**

| | **CCLNR/L -4** | **CCBNR/L -4**<br>**CCRNR/L -4** |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 95° | $\kappa_r$ 75° |
| Ángulo de ataque: | -5° | 15° |

CNG

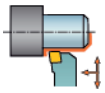
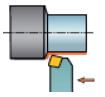


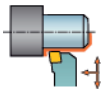
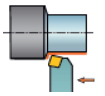




A la derecha en la ilustración a menos que se indique lo contrario

## Versión métrica

| Aplicación principal | □ | Código de pedido | Dimensiones, mm<br>*b* | *f*1 | *h* | *h*1 | *l*1 | *l*3 | γ1) | λs2) | Plaquitas calibradoras | Nm3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 12 | **CCLNR/L 2525M 12-4** | 25 | 32 | 25 | 25 | 150 | 32 | -6° | -6° | CNGN 12 07 08 | 3.9 |
| | | **CCLNR/L 3225P 12-4** | 25 | 32 | 32 | 32 | 170 | 32 | -6° | -6° | CNGN 12 07 08 | 3.9 |
| | 16 | **CCLNR/L 2525M 16-4** | 25 | 32 | 25 | 25 | 150 | 39 | -6° | -6° | CNGN 16 07 12 | 6.4 |
| | | **CCLNR/L 3225P 16-4** | 25 | 32 | 32 | 32 | 170 | 39 | -6° | -6° | CNGN 16 07 12 | 6.4 |
| | | **CCLNR/L 3232P 16-4** | 32 | 40 | 32 | 32 | 170 | 39 | -6° | -6° | CNGN 16 07 12 | 6.4 |
|  | 12 | **CCBNR/L 2525M 12-4** | 25 | 22 | 25 | 25 | 150 | 34.6 | -6° | -6° | CNGN 12 07 08 | 3.9 |
| | | **CCBNR/L 3225P 12-4** | 25 | 22 | 32 | 32 | 170 | 34.6 | -6° | -6° | CNGN 12 07 08 | 3.9 |
| | 16 | **CCBNR/L 3225P 16-4** | 25 | 22 | 32 | 32 | 170 | 41.6 | -6° | -6° | CNGN 16 07 12 | 6.4 |

## Versión en pulgadas

| Aplicación principal | *iC* | Código de pedido | Dimensiones, pulgadas<br>*b* | *f*1 | *h* | *h*1 | *l*1 | *l*3 | γ1) | Nm3) | Plaquitas calibradoras | p-lbs4) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/2 | **CCLNR/L 124B-4** | .750 | 1.000 | .750 | .750 | 4.500 | 1.260 | -6° | -6° | CNG 452 | 2.1 |
| | | **CCLNR/L 164D-4** | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | 1.260 | -6° | -6° | CNG 452 | 2.1 |
| | | **CCLNR/L 204D-4** | 1.250 | 1.500 | 1.250 | 1.250 | 6.000 | 1.260 | -6° | -6° | CNG 452 | 2.1 |
| | | **CCLNR/L 244D-4** | 1.500 | 2.000 | 1.500 | 1.500 | 6.000 | 1.260 | -6° | -6° | CNG 452 | 2.1 |
| | | **CCLNR/L 854D-4** | 1.000 | 1.250 | 1.250 | 1.250 | 6.000 | 1.260 | -6° | -6° | CNG 452 | 2.1 |
| | 5/8 | **CCLNR/L 205D-4** | 1.250 | 1.500 | 1.250 | 1.250 | 6.000 | 1.540 | -6° | -6° | CNG 553 | 3.5 |
| | | **CCLNR/L 245D-4** | 1.500 | 2.000 | 1.500 | 1.500 | 6.000 | 1.540 | -6° | -6° | CNG 553 | 3.5 |
|  | 1/2 | **CCRNR/L 124BM1-4** | .750 | .855 | .750 | .750 | 4.500 | 1.350 | -6° | -6° | CNG 452 | 2.1 |
| | | **CCRNR/L 164DM1-4** | 1.000 | 1.048 | 1.000 | 1.000 | 6.000 | 1.350 | -6° | -6° | CNG 452 | 2.1 |
| | | **CCRNR/L 204DM1-4** | 1.250 | 1.292 | 1.250 | 1.250 | 6.000 | 1.350 | -6° | -6° | CNG 452 | 2.1 |
| | | **CCRNR/L 244DM1-4** | 1.500 | 1.697 | 1.500 | 1.500 | 6.000 | 1.350 | -6° | -6° | CNG 452 | 2.1 |
| | | **CCRNR/L 854D-4** | 1.000 | 1.047 | 1.250 | 1.250 | 6.000 | 1.360 | -6° | -6° | CNG 452 | 2.1 |
| | 5/8 | **CCRNR/L 855D-4** | 1.000 | 1.047 | 1.250 | 1.250 | 6.000 | 1.640 | -6° | -6° | CNG 553 | |

1) γ = Ángulo de desprendimiento (válido con plaquita lisa).

R = A Derecha, L = A Izquierda

2) $\lambda_s$ = Ángulo de inclinación

3) Par torsor de la plaquita Nm

4) Par de apriete de la plaquita, ft-lbs.

Cuando se utilicen plaquitas con espesor 4.76mm (.187 pulg) se debe pedir una placa de apoyo opcional. Ver pagina A353.

## Piezas de repuesto principales

| Tamaño de plaquita | | | Para espesor de plaquitas | | | | |
|---|---|---|---|---|---|---|---|
| □ | *iC* | Placa de apoyo | mm | pulgadas | Tornillo de la placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo |
| 12-4 | 1/2 (-4) | 5322 234-02 | 7.94 | .312" | 5513 020-02 | 5680 049-01 (15IP) | 5412 034-021) |
| 16-4 | 5/8 (-4) | 5322 234-04 | 7.94 | .312" | 5513 020-07 | 5680 043-14 (20IP) | 5412 034-031) |

1)Para modificar los portaplaquitas CoroTurn® RC para otras plaquitas, consulte los juegos de sujeción en la página A353.

A10

A190

A384

G6

A2

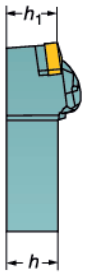
J2

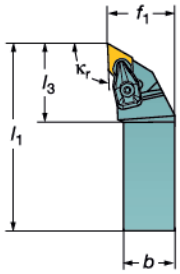
# Herramientas con mango

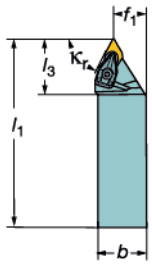
**CoroTurn® RC diseño de sujeción rígida para plaquitas de cerámica**

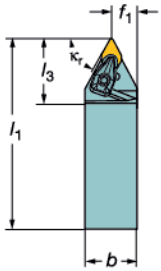
| | DDJNR/L -2 | DDNNR/L -2 | DDNNN -2 |
|---|---|---|---|
| Ángulo de posición: | $\kappa_r$ 93° | $\kappa_r$ 62.5° | $\kappa_r$ 62.5° |
| Ángulo de ataque: | -3 | 27.5° | 27.5° |

DNGQ
DNGA, DNMA



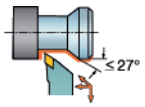
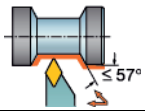
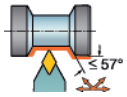



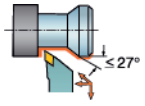

Neutro

A la derecha en la ilustración a menos que se indique lo contrario

## Versión métrica

| Aplicación principal | | Código de pedido | Dimensiones, mm $b$ | $f_1$ | $h$ | $h_1$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 15 | **DDJNR/L 2525M 15-2** | 25 | 32 | 25 | 25 | 150 | 39.4 | -6° | -7° | DNGQ 15 07 08 | 3.9 |
| | | **DDJNR/L 3225P 15-2** | 25 | 32 | 32 | 32 | 170 | 39.4 | -6° | -7° | DNGQ 15 07 08 | 3.9 |
| | | **DDJNR/L 3232P 15-2** | 32 | 40 | 32 | 32 | 170 | 39.4 | -6° | -7° | DNGQ 15 07 08 | 3.9 |
|  | 15 | **DDNNR/L 3225P 15-2** | 25 | 13 | 32 | 32 | 170 | 41.2 | -6° | -7° | DNGQ 15 07 08 | 3.9 |
|  | 15 | **DDNNN 5040T 15-2** | 40 | 20.5 | 50 | 50 | 300 | 40.8 | -5° | -9° | DNGQ 15 07 08 | 3.9 |

## Versión en pulgadas

| Aplicación principal | *iC* | Código de pedido | Dimensiones, pulgadas $b$ | $f_1$ | $h$ | $h_1$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/2 | **DDJNR/L 164C-2** | 1.000 | 1.250 | 1.000 | 1.000 | 5.000 | 1.550 | -6° | -7° | DNGQ 452 | 2.1 |
| | | **DDJNR/L 164D-2** | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | 1.550 | -6° | -7° | DNGQ 452 | 2.1 |
| | | **DDJNR/L 204D-2** | 1.250 | 1.500 | 1.250 | 1.250 | 6.000 | 1.550 | -6° | -7° | DNGQ 452 | 2.1 |
| | | **DDJNR/L 244D-2** | 1.500 | 2.000 | 1.500 | 1.500 | 6.000 | 1.550 | -6° | -7° | DNGQ 452 | 2.1 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda
N = Neutro

Cuando se utilicen plaquitas con espesor 4.76 mm (.187 pulg) se debe pedir una placa de apoyo opcional. Ver pagina A353.

## Piezas de repuesto principales

| Tamaño de plaquita | | | Para espesor de plaquitas | | | | |
|---|---|---|---|---|---|---|---|
| | *iC* | Placa de apoyo | mm | pulgadas | Tornillo de la placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo |
| 15-2 | 1/2 (-2) | 5322 266-03 | 7.94 | .312" | 5513 020-02 | 5680 049-01 (15IP) | 5412 032-021[1] |

[1]Para modificar los portaplaquitas CoroTurn® RC para otras plaquitas, consulte los juegos de sujeción en la página A353.

A10
A192
A387
G6
A2
J2



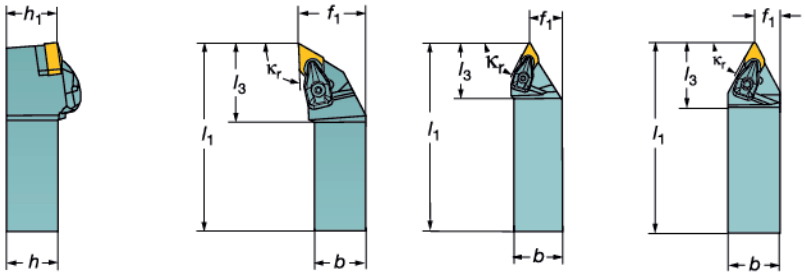
SANDVIK Coromant

# Herramientas con mango

**CoroTurn® RC diseño de sujeción rígida para plaquitas de cerámica**

| | CDJNR/L -4 | CDNNR/L -4 | CDNNN -4 |
|---|---|---|---|
| Ángulo de posición: | $\kappa_r$ 93° | $\kappa_r$ 62,5° | $\kappa_r$ 62.5° |
| Ángulo de ataque: | -3° | 27.5° | 27.5° |

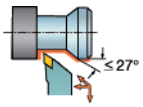
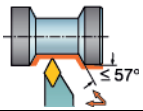
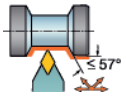
DNG



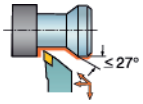
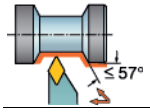

Neutro

A la derecha en la ilustración a menos que se indique lo contrario

## Versión métrica

| Aplicación principal | ◇ | Código de pedido | Dimensiones, mm b | f1 | h | h1 | l1 | l3 | γ1) | λs2) | Plaquitas calibradoras | Nm3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 15 | CDJNR/L 2525M 15-4 | 25 | 32 | 25 | 25 | 150 | 39.4 | -6° | -7° | DNGN 15 07 08 | 3.9 |
| | | CDJNR/L 3225P 15-4 | 25 | 32 | 32 | 32 | 170 | 39.4 | -6° | -7° | DNGN 15 07 08 | 3.9 |
| | | CDJNR/L 3232P 15-4 | 32 | 40 | 32 | 32 | 170 | 39.4 | -6° | -7° | DNGN 15 07 08 | 3.9 |
|  | 15 | CDNNR/L 3225P 15-4 | 25 | 13 | 32 | 32 | 170 | 41.2 | -6° | -7° | DNGN 15 07 08 | 3.9 |
|  | 15 | CDNNN 5040T 15-4 | 40 | 20.5 | 50 | 50 | 300 | 40.8 | -5° | -9° | DNGN 15 07 08 | 3.9 |

## Versión en pulgadas

| Aplicación principal | iC | Código de pedido | Dimensiones, pulgadas b | f1 | h | h1 | l1 | l3 | γ1) | λs2) | Plaquitas calibradoras | p-lbs4) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/2 | CDJNR/L 164D-4 | 1.000 | 1.250 | 1.000 | 1.000 | 6.000 | 1.550 | -6° | -7° | DNG 452 | 2.1 |
| | | CDJNR/L 204D-4 | 1.250 | 1.500 | 1.250 | 1.250 | 6.000 | 1.550 | -6° | -7° | DNG 452 | 2.1 |
|  | 1/2 | CDNNR/L 854D-4 | 1.000 | .500 | 1.250 | 1.250 | 6.000 | 1.600 | -6° | -7° | DNG 452 | 2.1 |

1) γ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda
N = Neutro

Cuando se utilicen plaquitas con espesor 4.76 mm (.187 pulg) se debe pedir una placa de apoyo opcional. Ver pagina A353.

## Piezas de repuesto principales

| Tamaño de plaquita ◇ | iC | Placa de apoyo | Para espesor de plaquitas mm | pulgadas | Tornillo de la placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo |
|---|---|---|---|---|---|---|---|
| 15-4 | 1/2 (-4) | 5322 266-03 | 7.94 | .312 | 5513 020-02 | 5680 049-01 (15IP) | 5412 034-021 1) |

1)Para modificar los portaplaquitas CoroTurn® RC para otras plaquitas, consulte los juegos de sujeción en la página A353.

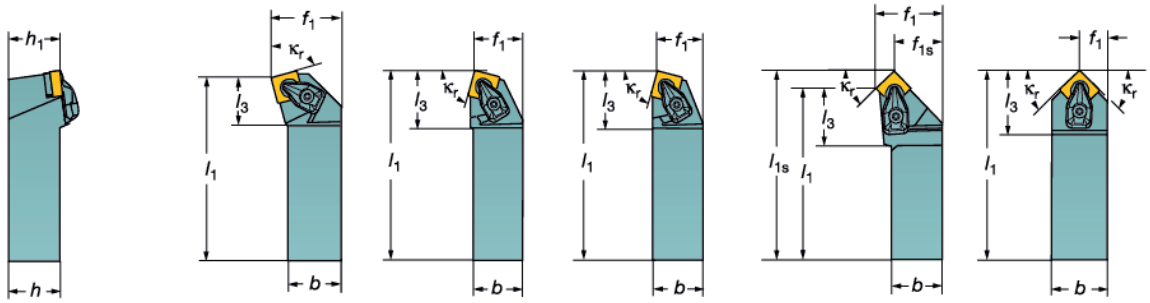
A10
A192
A384
G6
A2
J2

# Herramientas con mango

**CoroTurn® RC diseño de sujeción rígida para plaquitas de cerámica**

| | DSKNR/L -2 | DSRNR/L -2 | DSBNR/L -2 | DSSNR/L -2 | DSDNN -2 |
|---|---|---|---|---|---|
| Ángulo de posición: | $\kappa_r$ 75° | $\kappa_r$ 75° | $\kappa_r$ 75° | $\kappa_r$ 45° | $\kappa_r$ 45° |
| Ángulo de ataque: | 15° | 15° | 15° | 45° | 45° |

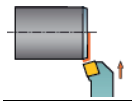
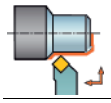
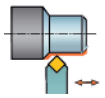
SNGQ
SNGA, SNMA




A la derecha en la ilustración a menos que se indique lo contrario

Neutro

## Versión métrica

| Aplicación principal | □ | Código de pedido | Dimensiones, mm b | f1 | f1s | h | h1 | l1 | l3 | ls | γ1) | λs2) | Plaquitas calibradoras | Nm3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 12 | **DSKNR/L 2525M 12-2** | 25 | 32 | | 25 | 25 | 150 | 23.6 | | -6° | -6° | SNGQ 12 07 08 | 3.9 |
| | | **DSKNR/L 3225P12-2** | 25 | 32 | | 32 | 32 | 170 | 23.7 | | -6° | -6° | SNGQ 12 07 08 | 3.9 |
| | 12 | **DSBNR/L 2525M 12-2** | 25 | 22 | | 25 | 25 | 150 | 34.3 | | -6° | -6° | SNGQ 12 07 08 | 3.9 |
| | | **DSRNR/L 2525M 12-2** | 25 | 27 | | 25 | 25 | 150 | 34.3 | | -6° | -6° | SNGQ 12 07 08 | 3.9 |
| | | **DSRNR/L 3225P 12-2** | 25 | 27 | | 32 | 32 | 170 | 34.3 | | -6° | -6° | SNGQ 12 07 08 | 3.9 |
|  | 12 | **DSSNR/L 2525M 12-2** | 25 | 32 | 23.7 | 25 | 25 | 150 | 27.5 | 158.3 | -8° | 0° | SNGQ 12 07 08 | 3.9 |
| | | **DSSNR/L 3225P 12-2** | 25 | 32 | 23.7 | 32 | 32 | 170 | 27.5 | 178.3 | -8° | 0° | SNGQ 12 07 08 | 3.9 |
|  | 12 | **DSDNN 2525M 12-2** | 25 | 12.8 | | 25 | 25 | 150 | 36.5 | | -6° | -6° | SNGQ 12 07 08 | 3.9 |
| | | **DSDNN 3225P 12-2** | 25 | 12.8 | | 32 | 32 | 170 | 36.5 | | -6° | -6° | SNGQ 12 07 08 | 3.9 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm

R = A Derecha, L = A Izquierda
N = Neutro

Cuando se utilicen plaquitas con espesor 4.76 mm (.187 pulg) se debe pedir una placa de apoyo opcional. Ver pagina A353.

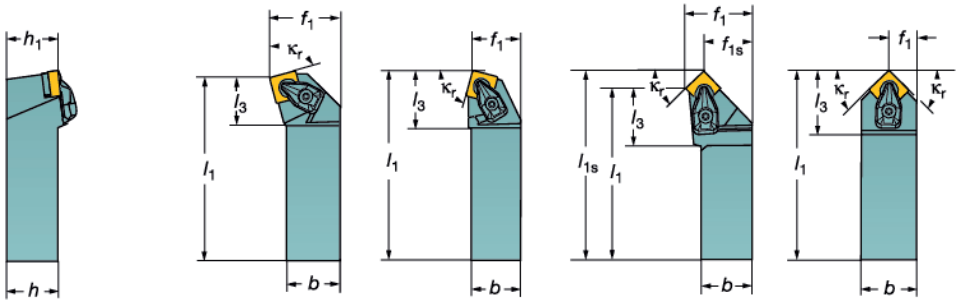
Piezas de repuesto principales (ver siguiente página)

# Herramientas con mango

**CoroTurn® RC diseño de sujeción rígida para plaquitas de cerámica**

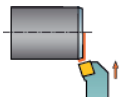
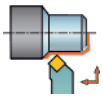
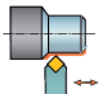
| | DSKNR/L -2 | DSRNR/L -2 | DSSNR/L -2 | DSDNN -2 |
|---|---|---|---|---|
| Ángulo de posición: | $\kappa_r$ 75° | $\kappa_r$ 75° | $\kappa_r$ 45° | $\kappa_r$ 45° |
| Ángulo de ataque: | 15° | 15° | 45° | 45° |

SNGQ
SNGA, SNMA




A la derecha en la ilustración a menos que se indique lo contrario — Neutro

## Versión en pulgadas

| Aplicación principal | iC | Código de pedido | Dimensiones, pulgadas b | f1 | f1s | h | h1 | l1 | l1s | l3 | γ1) | λs2) | Plaquitas calibradoras | ft-lbs3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/2 | **DSKNR/L 164D-2** | 1.000 | 1.250 | | 1.000 | 1.000 | 6.000 | | .930 | -6° | -6° | SNGQ 452 | 2.1 |
| | 1/2 | **DSRNR/L 124BM1-2** | .750 | .855 | | .750 | .750 | 4.500 | | 1.350 | -6° | -6° | SNGQ 452 | 2.1 |
| | | **DSRNR/L 164DM1-2** | 1.000 | 1.048 | | 1.000 | 1.000 | 6.000 | | 1.350 | -6° | -6° | SNGQ 452 | 2.1 |
| | | **DSRNR/L 204DM1-2** | 1.250 | 1.292 | | 1.250 | 1.250 | 6.000 | | 1.350 | -6° | -6° | SNGQ 452 | 2.1 |
| | | **DSRNR/L 244DM1-2** | 1.500 | 1.697 | | 1.500 | 1.500 | 6.000 | | 1.350 | -6° | -6° | SNGQ 452 | 2.1 |
| | | **DSRNR/L 854D-2** | 1.000 | 1.047 | | 1.250 | 1.250 | 6.000 | | 1.350 | -6° | -6° | SNGQ 452 | 2.1 |
|  | 1/2 | **DSSNR/L 164D-2** | 1.000 | 1.250 | .925 | 1.000 | 1.000 | 5.672 | 6.000 | 1.172 | -8° | 0° | SNGQ 452 | 2.1 |
| | | **DSSNR/L 854D-2** | 1.000 | 1.250 | .921 | 1.250 | 1.250 | 6.000 | 6.327 | 1.075 | -8° | 0° | SNGQ 452 | 2.1 |
|  | 1/2 | **DSDNN 164D-2** | 1.000 | .512 | | 1.000 | 1.000 | 6.000 | | 1.450 | -6° | -6° | SNGQ 452 | 2.1 |
| | | **DSDNN 854D-2** | 1.000 | .512 | | 1.250 | 1.250 | 6.000 | | 1.450 | -6° | -6° | SNGQ 452 | 2.1 |

1) γ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda
N = Neutro

Cuando se utilicen plaquitas con espesor 4.76 mm (.187 pulg) se debe pedir una placa de apoyo opcional. Ver pagina A353.

## Piezas de repuesto principales

| Tamaño de plaquita | | | Para espesor de plaquitas | | | | | |
|---|---|---|---|---|---|---|---|---|
| | iC | Placa de apoyo | mm | pulgadas | Tornillo de la placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo |
| 12-2 | 1/2 (-2) | 5322 425-02 | 7.94 | .312 | 5513 020-02 | 5680 049-01 (15IP) | 5412 032-021 1) |

1)Para modificar los portaplaquitas CoroTurn® RC para otras plaquitas, consulte los juegos de sujeción en la página A353.

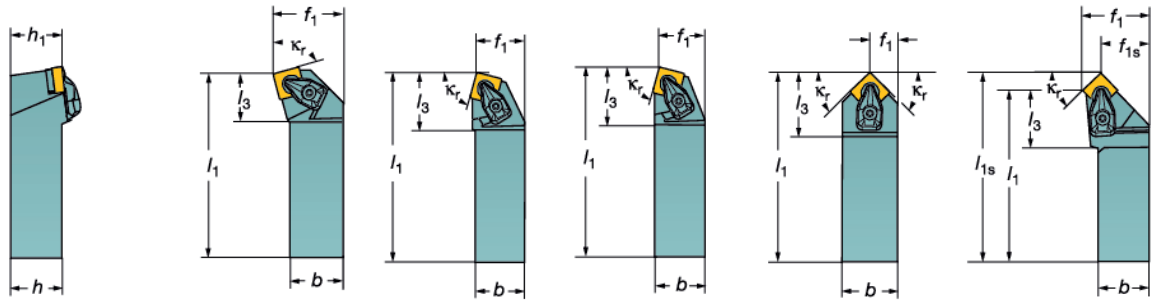
A10
A193
A386
G6
A2
J2

# Herramientas con mango

## CoroTurn® RC diseño de sujeción rígida para plaquitas de cerámica

| | CSKNR/L -4 | CSRNR/L -4 | CSBNR/L -4 | CSDNN -4 | CSSNR/L -4 |
|---|---|---|---|---|---|
| Ángulo de posición: | $\kappa_r$ 75° | $\kappa_r$ 75° | $\kappa_r$ 75° | $\kappa_r$ 45° | $\kappa_r$ 45° |
| Ángulo de ataque: | 15° | 15° | 15° | 45° | 45° |

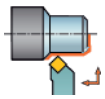
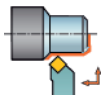
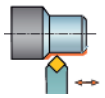
SNG




Neutro

A la derecha en la ilustración a menos que se indique lo contrario

### Versión métrica

| Aplicación principal | □ | Código de pedido | Dimensiones, mm b | f1 | f1s | h | h1 | l1 | l3 | l1s | γ1) | λs2) | Plaquitas calibradoras | Nm3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 12 | **CSKNR/L 2525M 12-4** | 25 | 32 | | 25 | 25 | 150 | 20.3 | | -6° | -6° | SNGN 12 07 08 | 3.9 |
| | 12 | **CSBNR/L 2525M 12-4** | 25 | 22 | | 25 | 25 | 150 | 34.3 | | -6° | -6° | SNGN 12 07 08 | 3.9 |
| | | **CSRNR/L 2525M 12-4** | 25 | 27 | | 25 | 25 | 150 | 34.3 | | -6° | -6° | SNGN 12 07 08 | 3.9 |
| | | **CSRNR/L 3225P 12-4** | 25 | 27 | | 32 | 32 | 170 | 34.3 | | -6° | -6° | SNGN 12 07 08 | 3.9 |
| | 15 | **CSRNR/L 3225P 15-4** | 25 | 27 | | 32 | 32 | 170 | 41.7 | | -6° | -6° | SNGN 15 07 12 | 6.4 |
|  | 12 | **CSSNR/L 2525M 12-4** | 25 | 32 | 23.7 | 25 | 25 | 150 | 27.5 | 158.3 | -8° | 0° | SNGN 12 07 08 | 3.9 |
| | | **CSSNR/L 3225P 12-4** | 25 | 32 | 23.7 | 32 | 32 | 170 | 27.5 | 178.3 | -8° | 0° | SNGN 12 07 08 | 3.9 |
|  | 12 | **CSDNN 2525M 12-4** | 25 | 12.8 | | 25 | 25 | 150 | 36.5 | | -6° | -6° | SNGN 12 07 08 | 3.9 |
| | | **CSDNN 3225P 12-4** | 25 | 12.8 | | 32 | 32 | 170 | 36.5 | | -6° | -6° | SNGN 12 07 08 | 3.9 |

1) γ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm

R = A Derecha, L = A Izquierda

Cuando se utilicen plaquitas con espesor 4.76 mm (.187 pulg) se debe pedir una placa de apoyo opcional. Ver pagina A353.

### Piezas de repuesto principales

| Tamaño de plaquita □ | iC | Para espesor de plaquitas: Placa de apoyo | mm | pulgadas | Tornillo de la placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo |
|---|---|---|---|---|---|---|---|
| 12-4 | 1/2 (-4) | 5322 425-02 | 7.94 | .312 | 5513 020-02 | 5680 049-01 (15IP) | 5412 034-021 1) |
| 4 | 5/8 (-4) | 5322 425-05 | 7.94 | .312 | 5513 020-07 | 5680 043-14 (20IP) | 5412 034-031 |

1)Para modificar los portaplaquitas CoroTurn® RC para otras plaquitas, consulte los juegos de sujeción en la página A353.

A10
A187
A384
G6
A2
J2



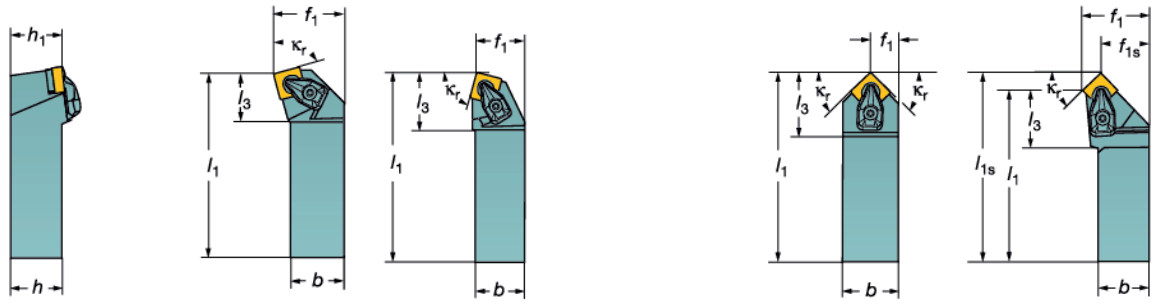
SANDVIK Coromant

# Herramientas con mango

**CoroTurn® RC diseño de sujeción rígida para plaquitas de cerámica**

| | CSKNR/L -4 | CSRNR/L -4 | CSDNN -4 | CSSNR/L -4 |
|---|---|---|---|---|
| Ángulo de posición: | $\kappa_r$ 75° | $\kappa_r$ 75° | $\kappa_r$ 45° | $\kappa_r$ 45° |
| Ángulo de ataque: | 15° | 15° | 45° | 45° |

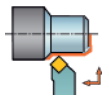
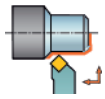
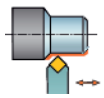
SNG




Neutro

A la derecha en la ilustración a menos que se indique lo contrario

## Versión en pulgadas

| Aplicación principal | *iC* | Código de pedido | Dimensiones, pulgadas *b* | *f1* | *f1s* | *h* | *h1* | *l1* | *l1s* | *l3* | $\gamma$ 1) | $\lambda s$2) | Plaquitas calibradoras | ft-lbs3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/2 | **CSKNR/L 164D-4** | 1.000 | 1.250 | | 1.000 | 1.000 | 6.000 | | .930 | -6° | -6° | SNG 452 | |
| | 1/2 | **CSRNR/L 124BM1-4** | .750 | .855 | | .750 | .750 | 4.500 | | 1.350 | -6° | -6° | SNG 452 | 2.1 |
| | | **CSRNR/L 164DM1-4** | 1.000 | 1.048 | | 1.000 | 1.000 | 6.000 | | 1.350 | -6° | -6° | SNG 452 | 2.1 |
| | | **CSRNR/L 204DM1-4** | 1.250 | 1.292 | | 1.250 | 1.250 | 6.000 | | 1.350 | -6° | -6° | SNG 452 | 2.1 |
| | | **CSRNR/L 244DM1-4** | 1.500 | 1.697 | | 1.500 | 1.500 | 6.000 | | 1.350 | -6° | -6° | SNG 452 | 2.1 |
| | | **CSRNR/L 854D-4** | 1.000 | 1.047 | | 1.250 | 1.250 | 6.000 | | 1.640 | -6° | -6° | SNG 452 | |
| | 5/8 | **CSRNR/L 165D-4** | 1.000 | 1.047 | | 1.000 | 1.000 | 6.000 | | 1.640 | -6° | -6° | SNG 553 | 3.5 |
| | 5/8 | **CSRNR/L 855D-4** | 1.000 | 1.047 | | 1.250 | 1.250 | 6.000 | | 1.640 | -6° | -6° | SNG 553 | 3.5 |
|  | 1/2 | **CSSNR/L 164D-4** | 1.000 | 1.250 | .925 | 1.000 | 1.000 | 5.672 | 6.000 | 1.172 | -8° | 0° | SNG 452 | 2.1 |
| | | **CSSNR/L 854D-4** | 1.000 | 1.250 | .921 | 1.250 | 1.250 | 6.000 | 6.327 | 1.075 | -8° | 0° | SNG 452 | |
|  | 1/2 | **CSDNN 164D-4** | 1.000 | .512 | | 1.000 | 1.000 | 6.000 | | 1.450 | -6° | -6° | SNG 452 | |
| | | **CSDNN 854D-4** | 1.000 | .512 | | 1.250 | 1.250 | 6.000 | | 1.450 | -6° | -6° | SNG 452 | |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).

2) $\lambda_s$ = Ángulo de inclinación

3) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

Cuando se utilicen plaquitas con espesor 4.76 mm (.187 pulg) se debe pedir una placa de apoyo opcional. Ver pagina A353.

## Piezas de repuesto principales

| Tamaño de plaquita | | | Para espesor de plaquita | | | | |
|---|---|---|---|---|---|---|---|
| □ | *iC* | Placa de apoyo | mm | pulgadas | Tornillo de la placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo |
| 12-4 | 1/2 (-4) | 5322 425-02 | 7.94 | .312 | 5513 020-02 | 5680 049-01 (15IP) | 5412 034-021 1) |
| 4 | 5/8 (-4) | 5322 425-05 | 7.94 | .312 | 5513 020-07 | 5680 043-14 (20IP) | 5412 034-031 |

1)Para modificar los portaplaquitas CoroTurn® RC para otras plaquitas, consulte los juegos de sujeción en la página A353.

A10 A187 A384 G6 A2

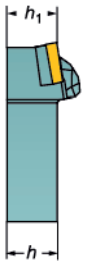
# Herramientas con mango

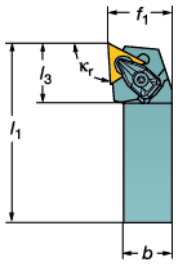
**CoroTurn® RC diseño de sujeción rígida para plaquitas de cerámica**

**DTGNR/L -2**

Ángulo de posición: $\kappa_r$ 91°
Ángulo de ataque: -1°

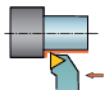
TNGA, TNMA



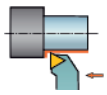




A la derecha en la ilustración a menos que se indique lo contrario

**Versión métrica**

| Aplicación principal | △ | Código de pedido | Dimensiones, mm b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda_s$[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 22 | DTGNR/L 3232P 22-2 | 32 | 40 | 32 | 32 | 170 | 33.1 | -6° | -6° | TNGA 22 04 08 | 3.9 |

**Versión en pulgadas**

| Aplicación principal | iC | Código de pedido | Dimensiones, pulgadas b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda_s$[2] | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/2 | DTGNR/L 204D-2 | 1.250 | 1.500 | 1.250 | 1.250 | 6.000 | 1.310 | -6° | -6° | TNGA 432 | 2.1 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

Cuando se utilicen plaquitas con espesor 4.76 mm (.187 pulg) se debe pedir una placa de apoyo opcional. Ver pagina A353.

**Piezas de repuesto principales**

| Tamaño de plaquita △ | iC | Placa de apoyo | Para espesor de plaquita mm | pulgadas | Tornillo de la placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo |
|---|---|---|---|---|---|---|---|
| 22-2 | 1/2 (-2) | 5322 315-04 | 4.76 | .187 | 5513 020-02 | 5680 049-01 (15IP) | 5412 032-021[1] |
| 22-2 | 1/2 (-4) | 5322 315-04 | 4.76 | .187 | 5513 020-02 | 5680 049-01 (15IP) | 5412 034-021[1] |

[1] Para modificar los portaplaquitas CoroTurn® RC para otras plaquitas, consulte los juegos de sujeción en la página A353.

A9
A192
A384
G6
A2
J2



SANDVIK Coromant

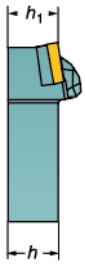
# Herramientas con mango

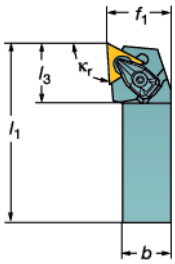
**CoroTurn® RC diseño de sujeción rígida para plaquitas de cerámica**

**CTGNR/L -4**

Ángulo de posición: $\kappa_r$ 91°
Ángulo de ataque: -1°

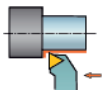
TNG



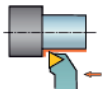




A la derecha en la ilustración a menos que se indique lo contrario

## Versión métrica

| Aplicación principal | △ | Código de pedido | Dimensiones, mm b | f1 | h | h1 | l1 | l3 | γ1) | λs2) | Plaquitas calibradoras | Nm3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 22 | **CTGNR/L 3232P 22-4** | 32 | 40 | 32 | 32 | 170 | 33.1 | -6° | -6° | TNGN 22 04 08 | 3.9 |

## Versión en pulgadas

| Aplicación principal | iC | Código de pedido | Dimensiones, pulgadas b | f1 | h | h1 | l1 | l3 | γ1) | λs2) | Plaquitas calibradoras | p-lbs4) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/2 | **CTGNR/L 204D-4** | 1.250 | 1.500 | 1.250 | 1.250 | 6.000 | 1.310 | -6° | -6° | TNG 432 | 2.1 |

1) γ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

Cuando se utilicen plaquitas con espesor 4.76 mm (.187 pulg) se debe pedir una placa de apoyo opcional. Ver pagina A353.

## Piezas de repuesto principales

| Tamaño de plaquita △ | iC | Placa de apoyo | Para espesor de plaquita mm | pulgadas | Tornillo de la placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo |
|---|---|---|---|---|---|---|---|
| 22-2 | 1/2 (-2) | 5322 315-04 | 4.76 | .187 | 5513 020-02 | 5680 049-01 (15IP) | 5412 032-021[1)] |
| 22-2 | 1/2 (-4) | 5322 315-04 | 4.76 | .187 | 5513 020-02 | 5680 049-01 (15IP) | 5412 034-021[1)] |

1)Para modificar los portaplaquitas CoroTurn® RC para otras plaquitas, consulte los juegos de sujeción en la página A353.

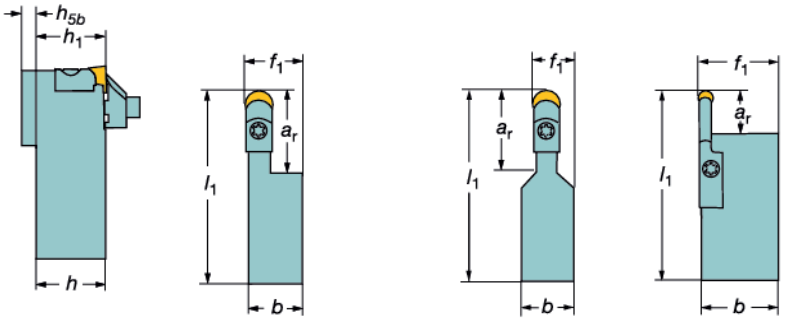
A9
A192
A384
G6
A2
J2

# Herramientas con mango

**T-Max® diseño de sujeción superior para plaquita cerámica**

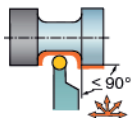
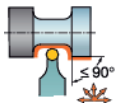
RCGX
RPGX

**CRDCR/L** **CRDCN** **R/L 176.9**




Neutro

A la derecha en la ilustración a menos que se indique lo contrario

| Main Application | ⟷ | *iC* | **Código de pedido** | Dimensiones, mm, pulgadas $a_r$ | $b$ | $f_1$ | $h$ | $h_1$ | $h_{5b}$ | $l_1$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras ISO | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 06 | 1/4 | **R/L176.9-3236-06** | 19.4 | 36.0 | 36.6 | 32.0 | 32.0 | 6.1 | 170.0 | 0° | 0° | RCGX 06 06 00 | RCGX 24 |
| | | | | *.764* | *1.417* | *1.441* | *1.260* | *1.260* | *.240* | *6.693* | | | | |
| | 09 | 3/8 | **CRDCR/L 3225P 09-A** | 29.5 | 25.0 | 25.8 | 32.0 | 32.0 | 6.1 | 170.0 | 0° | 0° | RCGX 09 07 00 | RCGX 35 |
| | | | | *1.161* | *.984* | *1.016* | *1.260* | *1.260* | *.240* | *6.693* | | | | |
| | 12 | 1/2 | **CRDCR/L 3225P 12-A** | 38.5 | 25.0 | 25.9 | 32.0 | 32.0 | | 170.0 | 0° | 0° | RCGX 12 07 00 | RCGX 45 |
| | | | | *1.516* | *.984* | *1.020* | *1.260* | *1.260* | | *6.693* | | | | |
|  | 06 | 1/4 | **CRDCN 3225P 06-A** | 19.4 | 25.0 | 15.6 | 32.0 | 32.0 | 6.1 | 170.0 | 0° | 0° | RCGX 06 06 00 | RCGX 24 |
| | | | | *.764* | *.984* | *.614* | *1.260* | *1.260* | *.240* | *6.693* | | | | |
| | 09 | 3/8 | **CRDCN 3225P 09-A** | 29 | 25.0 | 17.2 | 32.0 | 32.0 | 6.1 | 170.0 | 0° | 0° | RCGX 09 07 00 | RCGX 35 |
| | | | | *1.142* | *.984* | *.677* | *1.260* | *1.260* | *.240* | *6.693* | | | | |
| | 12 | 1/2 | **CRDCN 3225P 12-A** | 38.5 | 25.0 | 18.8 | 32.0 | 32.0 | 6.1 | 170.0 | 0° | 0° | RCGX 12 07 00 | RCGX 45 |
| | | | | *1.516* | *.984* | *.740* | *1.260* | *1.260* | *.240* | *6.693* | | | | |
| | | | **CRDCN 5040T 12-ID** | 30 | 40.0 | 26.4 | 50.0 | 50.0 | | 300.0 | 0° | 0° | RCGX 12 07 00 | RCGX 45 |
| | | | | *1.181* | *1.575* | *1.039* | *1.968* | *1.968* | | *11.811* | | | | |
| | 15 | 5/8 | **CRDCN 5040T 15-ID** | 35 | 40.0 | 27.9 | 50.0 | 50.0 | | 300.0 | 0° | 0° | RCGX 15 10 00 | RCGX 5(6.3) |
| | | | | *1.378* | *1.575* | *1.098* | *1.968* | *1.968* | | *11.811* | | | | |
| | 19 | 3/4 | **CRDCN 5040T 19-ID** | 45 | 40.0 | 29.5 | 50.0 | 50.0 | | 300.0 | 0° | 0° | RCGX 19 10 00 | RCGX 6(6.3) |
| | | | | *1.772* | *1.575* | *1.161* | *1.968* | *1.968* | | *11.811* | | *0°* | | |
| | 25 | 1 | **CRDCN 5040T 25-ID** | 50 | 40.0 | 32.7 | 50.0 | 50.0 | | 300.0 | 0° | 0° | RCGX 25 12 00 | RCGX 8(7.6) |
| | | | | *1.968* | *1.575* | *1.287* | *1.968* | *1.968* | | *11.811* | | | | |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

Tamaño de plaquita

| ⟷ | *iC* | Amarre | Tornillo de sujeción | Llave (Torx Plus/mm) |
|---|---|---|---|---|
| 06 | 1/4 | 5412 105-01 | 3212 036-506 | 5680 043-17 (30IP) |
| 06 | 1/4 (R176.9) | 5412 110-02 | 3212 036-506 | 5680 043-17 (30IP) |
| 06 | 1/4 (L176.9) | 5412 110-01 | 3212 036-506 | 5680 043-17 (30IP) |
| 09 | 3/8 | 5412 100-01 | 3212 035-452 | 5680 043-16 (27IP) |
| 12 | 1/2 | 5412 100-02 | 3212 036-504 | 5680 043-17 (30IP) |
| 15 | 5/8 | 5412 126-01 | - | 3021 010-040 (4.0) |
| 19 | 3/4 | 5412 126-02 | - | 3021 010-040 (4.0) |
| 25 | 1 | 5412 126-02 | - | 3021 010-040 (4.0) |

A10
A196
I113
G6
A2
J2



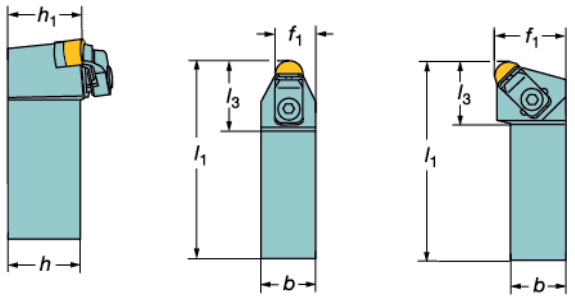
SANDVIK Coromant

# Herramientas con mango

**T-Max® diseño de sujeción superior para plaquita cerámica**

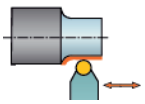
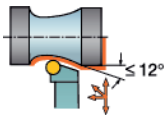
**CRDNN** **CRSNR/L**

RNG




Neutro

A la derecha en la ilustración a menos que se indique lo contrario

| Aplicación principal | ○ | iC | Código de pedido | Dimensiones, mm, pulgadas b | f1 | h | h1 | l1 | l3 | γ1) | λs2) | Plaquitas calibradoras ISO | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 09 | 3/8 | **CRDNN 2525M 09-ID** | 25.0 | 17.3 | 25.0 | 25.0 | 150.0 | 30.0 | -8° | 0° | RNGN 09 03 00 | RNG 32 |
| | | | | *.984* | *.681* | *.984* | *.984* | *5.906* | *1.181* | | | | |
| | 12 | 1/2 | **CRDNN 2525M 12-ID** | 25.0 | 18.8 | 25.0 | 25.0 | 150.0 | 32.0 | -8° | 0° | RNGN 12 07 00 | RNG 45 |
| | | | | *.984* | *.740* | *.984* | *.984* | *5.906* | *1.260* | | | | |
| | | | **CRDNN 3225P 12-ID** | 25.0 | 18.8 | 32.0 | 32.0 | 170.0 | 32.0 | -8° | 0° | RNGN 12 07 00 | RNG 45 |
| | | | | *.984* | *.740* | *1.260* | *1.260* | *6.693* | *1.260* | | | | |
|  | 09 | 3/8 | **CRSNR/L 2525M 09-ID** | 25.0 | 32.0 | 25.0 | 25.0 | 150.0 | 28.0 | -6° | -6° | RNGN 09 03 00 | RNG 32 |
| | | | | *.984* | *1.260* | *.984* | *.984* | *5.906* | *1.102* | | | | |
| | 12 | 1/2 | **CRSNR/L 2525M 12-ID** | 25.0 | 32.0 | 25.0 | 25.0 | 150.0 | 28.0 | -6° | -6° | RNGN 12 07 00 | RNG 45 |
| | | | | *.984* | *1.260* | *.984* | *.984* | *5.906* | *1.102* | | | | |
| | | | **CRSNR/L 3225P 12-ID** | 25.0 | 32.0 | 32.0 | 32.0 | 170.0 | 28.0 | -6° | -6° | RNGN 12 07 00 | RNG 45 |
| | | | | *.984* | *1.260* | *1.260* | *1.260* | *6.693* | *1.102* | | | | |
| | 15 | 5/8 | **CRSNR/L 3232P 15-ID** | 32.0 | 40.0 | 32.0 | 32.0 | 170.0 | 30.0 | -6° | -6° | RNGN 15 07 00 | RNG 55 |
| | | | | *1.260* | *1.575* | *1.260* | *1.260* | *6.693* | *1.181* | | | | |
| | 19 | 3/4 | **CRSNR/L 3232P 19-ID** | 32.0 | 40.0 | 32.0 | 32.0 | 170.0 | 32.0 | -6° | -6° | RNGN 19 07 00 | RNG 65 |
| | | | | *1.260* | *1.575* | *1.260* | *1.260* | *6.693* | *1.260* | | | | |
| | 25 | 1 | **CRSNR/L 5040T 25-ID** | 40.0 | 50.0 | 50.0 | 50.0 | 300.0 | 40.0 | -6° | -6° | RNGN 25 07 00 | RNG 85 |
| | | | | *1.575* | *1.968* | *1.968* | *1.968* | *11.811* | *1.575* | | | | |

1) γ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda

Cuando se utilicen plaquitas con espesor 4.76 mm (.187 pulg) se debe pedir una placa de apoyo opcional. Ver pagina A353.

### Piezas de repuesto principales

| Tamaño de plaquita ○ | iC | Amarre | Placa de presión | Llave (mm) | Placa de apoyo | For insert thickness mm | pulgadas | Tornillo de la placa de apoyo | Llave (mm/Torx Plus) |
|---|---|---|---|---|---|---|---|---|---|
| 09 | 3/8 | 5412 127-01 | - | 3021 010-040 (4.0) | 5321 215-01 | 3.18 | .125 | 3212 100-206 | 174.1-870 (2.0) |
| 12 | 1/2 | 5412 125-01 | 5192 020-01 | 3021 010-040 (4.0) | 5322 141-01 | 7.97 | .314 | 5513 013-02 | 5680 043-14 (20IP) |
| 15 | 5/8 | 5412 125-01 | 5192 020-01 | 3021 010-040 (4.0) | 5321 215-02 | 7.97 | .314 | 3212 100-206 | 174.1-870 (2.0) |
| 19 | 3/4 | 5412 125-01 | 5192 020-01 | 3021 010-040 (4.0) | 5321 215-03 | 7.97 | .314 | 3212 100-257 | 174.3-863 (2.5) |
| 25 | 1 | 5412 125-02 | 5192 020-01 | 3021 010-040 (4.0) | 5322 141-05 | 7.97 | .314 | 5513 013-03 | 174.1-864 (3.0) |

A10 A196 A389 G6 A2 J2

# Mecanizado de piezas pequeñas

**Ingeniería mecánica de precisión en máquinas automáticas con cabezal deslizante**

Las herramientas para el mecanizado de piezas pequeñas, diseñadas para el mecanizado de alta precisión con máquinas de cabezal móvil, están orientadas al sector de la automoción, la industria relojera, conectores y sector médico.

**1 CoroCut®**

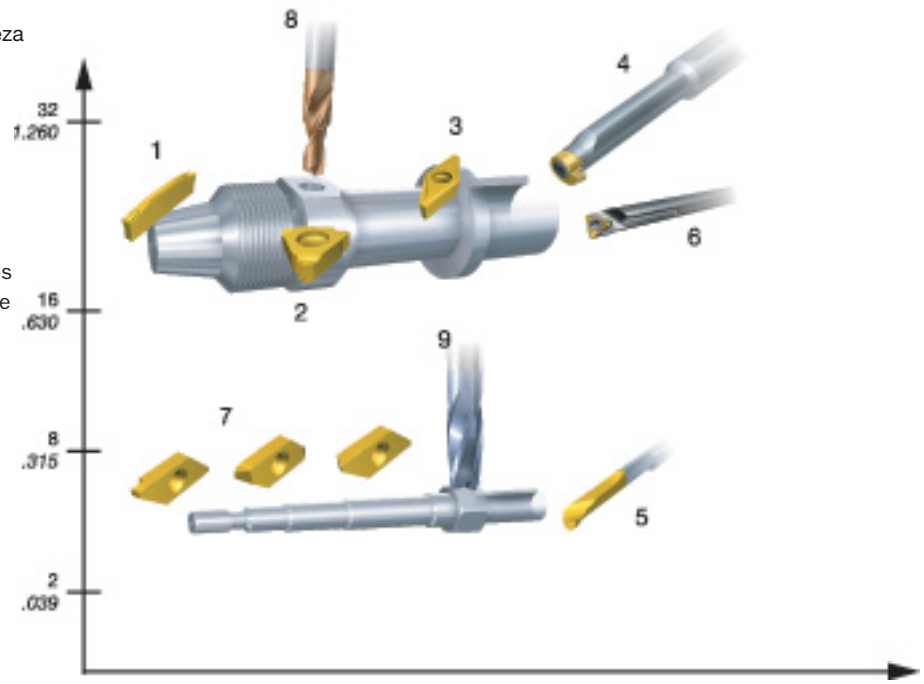
Plaquitas de 1-2 filos y CoroCut® 3 para tronzado y ranurado productivo

**2 CoroThread® 266**

Programa de roscado productivo

**3 CoroTurn® 107**

Plaquitas de precisión para operaciones de torneado y copiado




**4 CoroCut® MB**

Ranurado de precisión a partir de un agujero de 10 mm de diámetro

**6 CoroTurn® 107**

Para el torneado interior de piezas pequeñas con agujeros a partir de 8,5 mm de diámetro

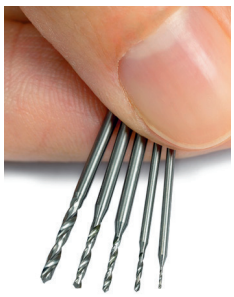
**5 CoroTurn® XS**

Para torneado interior de piezas pequeñas desde agujero de 0,3 mm de diámetro.

**7 CoroCut® XS**

Torneado, tronzado, ranurado y roscado de precisión de componentes pequeños

**Taladrado**



**8 CoroDrill® Delta-C**

Disponible en diámetros a partir de 0,3 mm

**Fresado**

**9 CoroMill® Plura**

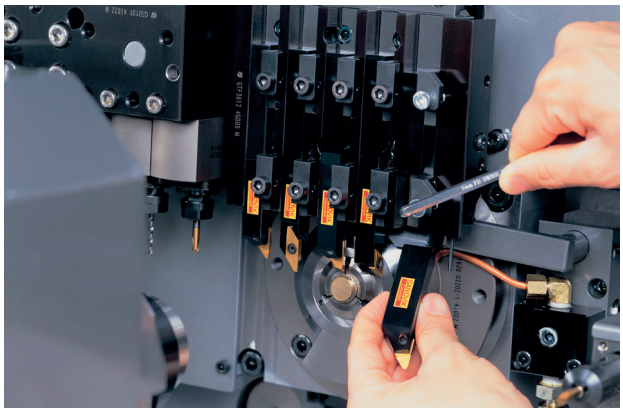
Fresas de metal duro integral de alta precisión, en diferentes geometrías y medidas. Disponibles en diámetros a partir de 0,4 mm

# Sistema QuickStart CoroTurn QS

### Sistema QS, exterior

El sistema de sujeción QS es un portaherramientas de cambio rápido para maximizar el tiempo de producción efectiva en las máquinas con cabezal móvil. Las cuñas convencionales se pueden sustituir fácilmente sin realizar ninguna modificación en la máquina, y están disponibles en CoroTurn 107, CoroCut XS, CoroCut 1-2, CoroCut 3 y T-Max U-Lock.

Gracias a la combinación de la capacidad de cambio rápido del sistema de sujeción QS y un refrigerante de alta precisión, resulta la primera elección para máquinas con cabezal móvil. El sistema QS HP ofrece una producción sin contratiempos y una mayor calidad de los componentes en los materiales de viruta larga más exigentes. Véase la página A217.

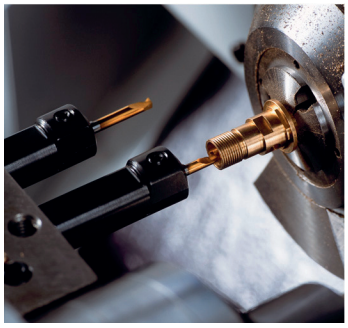


### CoroTurn® 107 - Exterior

Para operaciones de torneado exterior con geometrías específicas. Plaquitas Wiper para optimizar la productividad. La exclusiva geometría VCEX para piezas de pequeñas a grandes con filos vivos y efecto Wiper. Consulte las páginas A212

### CoroTurn® XS - Interior

Es posible realizar operaciones de roscar y ranurar partiendo de agujeros de 4,2 mm. Sistema de precisión con amarre único, fiable y sencillo de utilizar. Véase el capítulo A309.



### CoroCut® MB - Interior

Sistema de ranurado de alta precisión para agujeros a partir de 10 mm utilizando barras de mandrinar de acero o de metal duro. También son posibles las aplicaciones de torneado y roscado. Véase el capítulo B95.

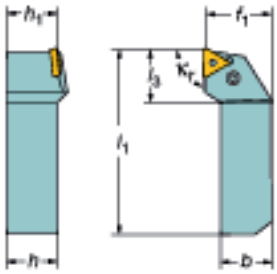
# Herramientas de vástago para mecanizado de piezas pequeñas

**Diseño de palanca T-Max P**

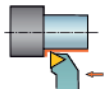
**PTGNR**

Ángulo de posición: $K_r$ 91°
Ángulo de ataque: - 1°

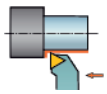
TNMM, TNMX
TNMG
TNMA, TNGA



## Versión métrica

| Aplicación principal | △ | Código de pedido | Dimensiones, mm b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda_s^{2)}$ | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 11 | **PTGNR 1212K11-S** | 12 | 12 | 12 | 12 | 125 | 15.8 | -6° | -6° | TNMG 11 03 04 | 2.0 |
| | | **PTGNR 1616K11-S** | 16 | 16 | 16 | 16 | 125 | 15.8 | -6° | -6° | TNMG 11 03 04 | 2.0 |

## Versión en pulgadas

| Aplicación principal | *iC* | Código de pedido | Dimensiones, pulgadas b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda_s^{2)}$ | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/4 | **PTGNR 082C-S** | .500 | .500 | .500 | .500 | 5.000 | .622 | -6° | -6° | TNMG 221 | 1.5 |
| | | **PTGNR 102C-S** | .625 | .625 | .625 | .625 | 5.000 | .622 | -6° | -6° | TNMG 221 | 1.5 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A derecha

## Piezas de repuesto principales

| Tamaño de plaquita △ | *iC* | Palanca | Tornillo | Llave (mm) |
|---|---|---|---|---|
| 11 | 1/4 | 174.3-846-1 | 1743.-829 | 170.3-864 (1.98) |

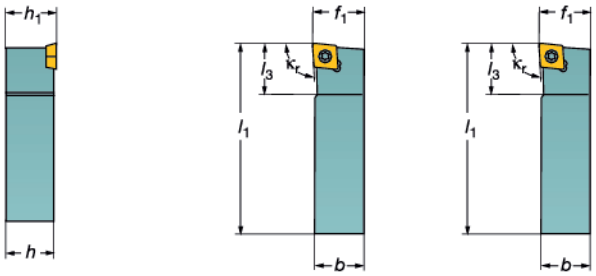
A10
A371
G6
A2
J2

# Herramientas de vástago para mecanizado de piezas pequeñas

**Diseño de sujeción por tornillo CoroTurn® 107**

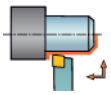
| | **SCLCR/L -S** | **SCACR/L -S** |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 95° | $\kappa_r$ 90° |
| Ángulo de ataque: | -5° | 0° |

CCMT, CCGT
CCGX, CCET
CCMW

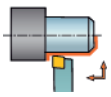



A la derecha en la ilustración a menos que se indique lo contrario

## Versión métrica

| Aplicación principal | □ | Código de pedido | Dimensiones, mm b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 06 | **SCLCR/L 0808K 06-S** | 8 | 8 | 8 | 8 | 125 | 8 | 0° | 0° | CCMT 06 02 04 | 0.9 |
| | | **SCLCR/L 1010K 06-S** | 10 | 10 | 10 | 10 | 125 | 10 | 0° | 0° | CCMT 06 02 04 | 0.9 |
| | | **SCLCR/L 1212K 06-S** | 12 | 12 | 12 | 12 | 125 | 12 | 0° | 0° | CCMT 06 02 04 | 0.9 |
| | | **SCLCR/L 1616K 06-S** | 16 | 16 | 16 | 16 | 125 | 16 | 0° | 0° | CCMT 06 02 04 | 0.9 |
| | 09 | **SCLCR/L 1212K 09-S** | 12 | 12 | 12 | 12 | 125 | 12 | 0° | 0° | CCMT 09 T3 08 | 3.0 |
| | | **SCLCR/L 1616K 09-S** | 16 | 16 | 16 | 16 | 125 | 16 | 0° | 0° | CCMT 09 T3 08 | 3.0 |
| | 06 | **SCACR/L 0808K 06-S** | 8 | 8 | 8 | 8 | 125 | 8 | 0° | 0° | CCMT 06 02 04 | 0.9 |
| | | **SCACR/L 1010K 06-S** | 10 | 10 | 10 | 10 | 125 | 10 | 0° | 0° | CCMT 06 02 04 | 0.9 |
| | | **SCACR/L 1212K 06-S** | 12 | 12 | 12 | 12 | 125 | 12 | 0° | 0° | CCMT 06 02 04 | 0.9 |
| | 09 | **SCACR/L 1212K 09-S** | 12 | 12 | 12 | 12 | 125 | 12 | 0° | 0° | CCMT 09 T3 08 | 3.0 |
| | | **SCACR/L 1616K 09-S** | 16 | 16 | 16 | 16 | 125 | 16 | 0° | 0° | CCMT 09 T3 08 | 3.0 |

## Versión en pulgadas

| Aplicación principal | iC | Código de pedido | Dimensiones, pulgadas b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/4 | **SCLCR/L 062C-S** | .375 | .375 | .375 | .375 | 5.000 | .375 | 0° | 0° | CCMT 2(1.5)1 | 0.7 |
| | | **SCLCR/L 082C-S** | .500 | .500 | .500 | .500 | 5.000 | .500 | 0° | 0° | CCMT 2(1.5)1 | 0.7 |
| | | **SCLCR/L 102C-S** | .625 | .625 | .625 | .625 | 5.000 | .625 | 0° | 0° | CCMT 2(1.5)1 | 0.7 |
| | 3/8 | **SCLCR/L 083C-S** | .500 | .500 | .500 | .500 | 5.000 | .500 | 0° | 0° | CCMT 3(2.5)2 | 2.2 |
| | | **SCLCR/L 103C-S** | .625 | .625 | .625 | .625 | 5.000 | .625 | 0° | 0° | CCMT 3(2.5)2 | 2.2 |
| | | **SCLCR/L 123C-S** | .750 | .750 | .750 | .750 | 5.000 | .750 | 0° | 0° | CCMT 3(2.5)2 | 2.2 |
| | 1/4 | **SCACR/L 062C-S** | .375 | .375 | .375 | .375 | 5.000 | .375 | 0° | 0° | CCMT 2(1.5)1 | 0.7 |
| | | **SCACR/L 082C-S** | .500 | .500 | .500 | .500 | 5.000 | .500 | 0° | 0° | CCMT 2(1.5)1 | 0.7 |
| | | **SCACR/L 102C-S** | .625 | .625 | .625 | .625 | 5.000 | .625 | 0° | 0° | CCMT 2(1.5)1 | 0.7 |
| | 3/8 | **SCACR/L 083C-S** | .500 | .500 | .500 | .500 | 5.000 | .500 | 0° | 0° | CCMT 3(2.5)2 | 2.2 |
| | | **SCACR/L 103C-S** | .625 | .625 | .625 | .625 | 5.000 | .625 | 0° | 0° | CCMT 3(2.5)2 | 2.2 |
| | | **SCACR/L 123C-S** | .750 | .750 | .750 | .750 | 5.000 | .750 | 0° | 0° | CCMT 3(2.5)2 | 2.2 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

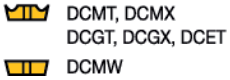
| Tamaño de plaquita □ | iC | Tornillo de plaquita (rosca) | Llave (Torx Plus) |
|---|---|---|---|
| 06 | 1/4 | 5513 020-03 (M2.5) | 5680 051-02 (7IP) |
| 09 | 3/8 | 5513 020-09 (M3.5) | 5680 049-01 (15IP) |

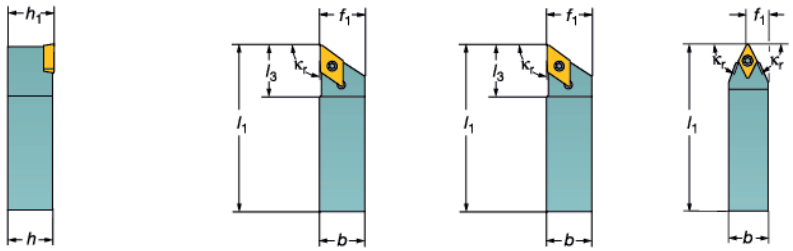
A10
A371
G6
A2
J2

# Herramientas de vástago para mecanizado de piezas pequeñas

**Diseño de sujeción por tornillo CoroTurn® 107**

| | SDJCR/L -S | SDACR/L -S | SDPCN, SDNCN -S |
|---|---|---|---|
| Ángulo de posición: | $\kappa_r$ 93° | $\kappa_r$ 90° | $\kappa_r$ 62.5° |
| Ángulo de ataque: | -3° | 0° | 27.5° |

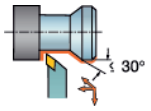
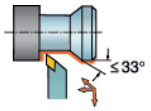
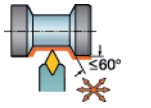


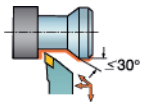
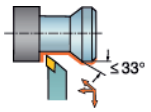
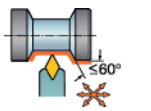

Neutro
Neutro

A la derecha en la ilustración a menos que se indique lo contrario

## Versión métrica

| Aplicación principal | | Código de pedido | Dimensiones, mm b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 07 | SDJCR/L 0808K 07-S | 8 | 8 | 8 | 8 | 125 | 12.7 | 0° | 0° | DCMT 07 02 04 | 0.9 |
| | | SDJCR/L 1010K 07-S | 10 | 10 | 10 | 10 | 125 | 15 | 0° | 0° | DCMT 07 02 04 | 0.9 |
| | | SDJCR/L 1212K 07-S | 12 | 12 | 12 | 12 | 125 | 15 | 0° | 0° | DCMT 07 02 04 | 0.9 |
| | | SDJCR/L 1616K 07-S | 16 | 16 | 16 | 16 | 125 | 16 | 0° | 0° | DCMT 07 02 04 | 0.9 |
| | 11 | SDJCR/L 1212K 11-S | 12 | 12 | 12 | 12 | 125 | 18 | 0° | 0° | DCMT 11 T3 08 | 3.0 |
| | | SDJCR/L 1616K 11-S | 16 | 16 | 16 | 16 | 125 | 20 | 0° | 0° | DCMT 11 T3 08 | 3.0 |
|  | 07 | SDACR/L0808K 07-S | 8 | 8 | 8 | 8 | 125 | 12.7 | 0° | 0° | DCMT 07 02 04 | 0.9 |
| | | SDACR/L 1010K 07-S | 10 | 10 | 10 | 10 | 125 | 15 | 0° | 0° | DCMT 07 02 04 | 0.9 |
| | | SDACR/L 1212K 07-S | 12 | 12 | 12 | 12 | 125 | 15 | 0° | 0° | DCMT 07 02 04 | 0.9 |
| | 11 | SDACR/L 1212K 11-S | 12 | 12 | 12 | 12 | 125 | 18 | 0° | 0° | DCMT 11 T3 08 | 3.0 |
| | | SDACR/L 1616K 11-S | 16 | 16 | 16 | 16 | 125 | 20 | 0° | 0° | DCMT 11 T3 08 | 3.0 |
|  | 07 | SDNCN 1010K 07-S | 10 | 5.2 | 10 | 10 | 125 | 15 | 0° | 0° | DCMT 07 02 04 | 0.9 |
| | 11 | SDNCN 1212K 11-S | 12 | 6.2 | 12 | 12 | 125 | 21 | 0° | 0° | DCMT 11 T3 08 | 3.0 |
| | | SDNCN 1616K 11-S | 16 | 8.5 | 16 | 16 | 125 | 21 | 0° | 0° | DCMT 11 T3 08 | 3.0 |

## Versión en pulgadas

| Aplicación principal | iC | Código de pedido | Dimensiones, pulgadas b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda_s$ | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/4 | SDJCR/L 062C-S | .375 | .375 | .375 | .375 | 5.000 | .590 | 0° | 0° | DCMT 2(1.5)1 | 0.7 |
| | | SDJCR/L 082C-S | .500 | .500 | .500 | .500 | 5.000 | .670 | 0° | 0° | DCMT 2(1.5)1 | 0.7 |
| | | SDJCR/L 102C-S | .625 | .625 | .625 | .625 | 5.000 | .670 | 0° | 0° | DCMT 2(1.5)1 | 0.7 |
| | 3/8 | SDJCR/L 083C-S | .500 | .500 | .500 | .500 | 5.000 | .940 | 0° | 0° | DCMT 3(2.5)2 | 2.2 |
| | | SDJCR/L 103C-S | .625 | .625 | .625 | .625 | 5.000 | .940 | 0° | 0° | DCMT 3(2.5)2 | 2.2 |
| | | SDJCR/L 123C-S | .750 | .750 | .750 | .750 | 5.000 | .940 | 0° | 0° | DCMT 3(2.5)2 | 2.2 |
|  | 1/4 | SDACR/L 062C-S | .375 | .375 | .375 | .375 | 5.000 | .500 | 0° | 0° | DCMT 2(1.5)1 | 0.7 |
| | | SDACR/L 082C-S | .500 | .500 | .500 | .500 | 5.000 | .500 | 0° | 0° | DCMT 2(1.5)1 | 0.7 |
| | | SDACR/L 102C-S | .625 | .625 | .625 | .625 | 5.000 | .625 | 0° | 0° | DCMT 2(1.5)1 | 0.7 |
| | 3/8 | SDACR/L 083C-S | .500 | .500 | .500 | .500 | 5.000 | .750 | 0° | 0° | DCMT 3(2.5)2 | 2.2 |
| | | SDACR/L 103C-S | .625 | .625 | .625 | .625 | 5.000 | .750 | 0° | 0° | DCMT 3(2.5)2 | 2.2 |
| | | SDACR/L 123C-S | .750 | .750 | .750 | .750 | 5.000 | .750 | 0° | 0° | DCMT 3(2.5)2 | 2.2 |
|  | 3/8 | SDPCN 083C-S | .500 | .251 | .500 | .500 | 5.000 | .830 | 0° | 0° | DCMT 3(2.5)2 | 2.2 |
| | | SDPCN 103C-S | .625 | .331 | .625 | .625 | 5.000 | .830 | 0° | 0° | DCMT 3(2.5)2 | 2.2 |
| | | SDPCN 123C-S | .750 | .394 | .750 | .750 | 5.000 | .830 | 0° | 0° | DCMT 3(2.5)2 | 2.2 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda
N = Neutro

## Piezas de repuesto principales

| Tamaño de plaquita | | | |
|---|---|---|---|
| | iC | Tornillo de plaquita (rosca) | Llave (Torx Plus) |
| 07 | 1/4 | 5513 020-03 (M2.5) | 5680 051-02 (7IP) |
| 11 | 3/8 | 5513 020-09 (M3.5) | 5680 049-01 (15IP) |

A10
A371
G6
A2
J2



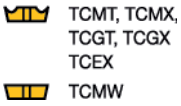
SANDVIK Coromant

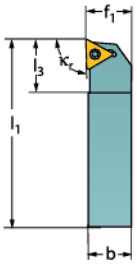
# Herramientas de vástago para mecanizado de piezas pequeñas

**Diseño de sujeción por tornillo CoroTurn® 107**

**STJCR/L -S**

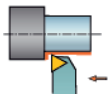
Ángulo de posición: $\kappa_r$ 93°
Ángulo de ataque: -3°



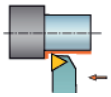



A la derecha en la ilustración a menos que se indique lo contrario

## Versión métrica

| Aplicación principal | △ | Código de pedido | Dimensiones, mm b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | γ1) | λs2) | Plaquitas calibradoras | Nm3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 11 | **STJCR/L 1010K 11-S** | 10 | 10 | 10 | 10 | 125 | 16 | 0° | 0° | TCMT 11 02 04 | 0.9 |
| | | **STJCR/L 1212K 11-S** | 12 | 12 | 12 | 12 | 125 | 16 | 0° | 0° | TCMT 11 02 04 | 0.9 |
| | | **STJCR/L 1616K 11-S** | 16 | 16 | 16 | 16 | 125 | 16 | 0° | 0° | TCMT 11 02 04 | 0.9 |

## Versión en pulgadas

| Aplicación principal | iC | Código de pedido | Dimensiones, pulgadas b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | γ1) | λs2) | Plaquitas calibradoras | p-lbs4) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/4 | **STJCR/L 062C-S** | .375 | .375 | .375 | .375 | 5.000 | .630 | 0° | 0° | TCMT 2(1.5)1 | 0.7 |
| | | **STJCR/L 082C-S** | .500 | .500 | .500 | .500 | 5.000 | .630 | 0° | 0° | TCMT 2(1.5)1 | 0.7 |
| | | **STJCR/L 102C-S** | .625 | .625 | .625 | .625 | 5.000 | .630 | 0° | 0° | TCMT 2(1.5)1 | 0.7 |

1) γ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita △ | iC | Tornillo de plaquita (rosca) | Llave (Torx Plus) |
|---|---|---|---|
| 11 | 1/4 | 5513 020-03 (M2.5) | 5680 051-02 (7IP) |

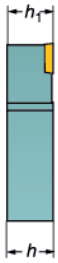
A10
A371
G6
A2
J2

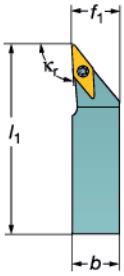
# Herramientas de vástago para mecanizado de piezas pequeñas

## Diseño de sujeción por tornillo CoroTurn® 107

**SVJBR/L -S**

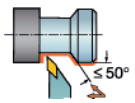
Ángulo de posición: $\kappa_r$ 93°
Ángulo de ataque: -3°



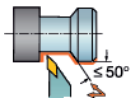




A la derecha en la ilustración a menos que se indique lo contrario

### Versión métrica

| Aplicación principal | ⇔ | Código de pedido | Dimensiones, mm $b$ | $f_1$ | $h$ | $h_1$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 11 | **SVJBR/L 0810K 11-S-B1**[4] | 10 | 10 | 8 | 8 | 125 | 26 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | **SVJBR/L 1010K 11-S-B1**[4] | 10 | 10 | 10 | 10 | 125 | 26 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | **SVJBR/L 1616K 11-S-B1**[4] | 16 | 16 | 16 | 16 | 125 | 26 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | **SVJBR/L 1212K 11-S-B1**[4] | 12 | 12 | 12 | 12 | 125 | 26 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | **SVJBR/L 1010K 11-S** | 10 | 10 | 10 | 10 | 125 | 26 | 0° | 0° | VBMT 11 02 04 | 0.9 |
| | | **SVJBR/L 1212K 11-S** | 12 | 12 | 12 | 12 | 125 | 26 | 0° | 0° | VBMT 11 02 04 | 0.9 |
| | | **SVJBR/L 1616K 11-S** | 16 | 16 | 16 | 16 | 125 | 26 | 0° | 0° | VBMT 11 02 04 | 0.9 |
| | 16 | **SVJBR/L 1212K 16-S** | 12 | 12 | 12 | 12 | 125 | 30 | 0° | 0° | VBMT 16 04 08 | 3.0 |
| | | **SVJBR/L 1616K 16-S** | 16 | 16 | 16 | 16 | 125 | 40 | 0° | 0° | VBMT 16 04 08 | 3.0 |

### Versión en pulgadas

| Aplicación principal | *iC* | Ordering code | Dimensiones, pulgadas $b$ | $f_1$ | $h$ | $h_1$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | pies-lbs[5] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/4 | **SVJBR/L 062C-S-B1**[4] | .375 | .375 | .375 | .375 | 5.000 | .790 | 0° | 0° | VBMT 221 | 0.7 |
| | | **SVJBR/L 082C-S-B1**[4] | .500 | .500 | .500 | .500 | 5.000 | .790 | 0° | 0° | VBMT 221 | 0.7 |
| | | **SVJBR/L 102C-S-B1**[4] | .625 | .625 | .625 | .625 | 5.000 | .790 | 0° | 0° | VBMT 221 | 0.7 |
| | | **SVJBR/L 062C-S** | .375 | .375 | .375 | .375 | 5.000 | 1.060 | 0° | 0° | VBMT 2(1.5)1 | 0.7 |
| | | **SVJBR/L 082C-S** | .500 | .500 | .500 | .500 | 5.000 | 1.060 | 0° | 0° | VBMT 2(1.5)1 | 0.7 |
| | | **SVJBR/L 102C-S** | .625 | .625 | .625 | .625 | 5.000 | 1.060 | 0° | 0° | VBMT 2(1.5)1 | 0.7 |
| | 3/8 | **SVJBR/L 083C-S** | .500 | .500 | .500 | .500 | 5.000 | 1.610 | 0° | 0° | VBMT 332 | 2.2 |
| | | **SVJBR/L 103C-S** | .625 | .625 | .625 | .625 | 5.000 | 1.610 | 0° | 0° | VBMT 332 | 2.2 |
| | | **SVJBR/L 123C-S** | .750 | .750 | .750 | .750 | 5.000 | 1.610 | 0° | 0° | VBMT 332 | 2.2 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) B1 al final del código de pedido = para plaquitas con espesor 03 = 3.18 mm (2 = 1/8").
5) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

### Piezas de repuesto principales

Tamaño de plaquita

| ⇔ | *iC* | Tornillo de plaquita (rosca) | Llave (Torx Plus) |
|---|---|---|---|
| 11 | 1/4 | 5513 020-03 (M2.5) | 5680 051-02 (7IP) |
| 16 | 3/8 | 5513 020-09 (M3.5) | 5680 049-01 (15IP) |

A9
A370
G6
A2
J2

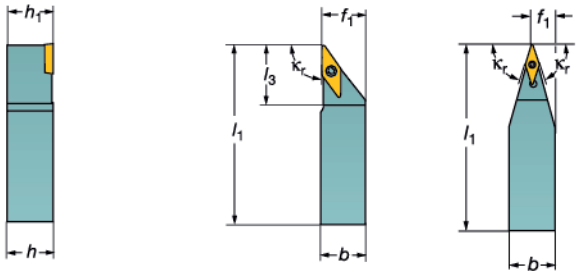


SANDVIK Coromant

# Herramientas de vástago para mecanizado de piezas pequeñas

**Diseño de sujeción por tornillo CoroTurn® 107**

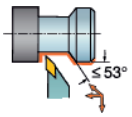
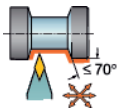
| | SVABR/L -S | SVVBN -S |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 90° | $\kappa_r$ 72.5° |
| Ángulo de ataque: | 0° | 17.5° |



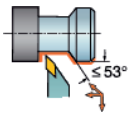
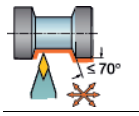

Neutro

Nota: las plaquitas VCEX no son aptas para los mangos SVVBN
A la derecha en la ilustración a menos que se indique lo contrario

## Versión métrica

| Aplicación principal | | Código de pedido | Dimensiones, mm b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s2$[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 11 | SVABR/L 0810K 11-S-B1[4] | 10 | 10 | 8 | 8 | 125 | 26 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | SVABR/L 1010K 11-S-B1[4] | 10 | 10 | 10 | 10 | 125 | 26 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | SVABR/L 1212K 11-S-B1[4] | 12 | 12 | 12 | 12 | 125 | 26 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | SVABR/L 1616K 11-S-B1[4] | 16 | 16 | 16 | 16 | 125 | 26 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | SVABR/L 0810K 11-S | 10 | 10 | 8 | 8 | 125 | 26 | 0° | 0° | VBMT 11 02 04 | 0.9 |
| | | SVABR/L 1010K 11-S | 10 | 10 | 10 | 10 | 125 | 26 | 0° | 0° | VBMT 11 02 04 | 0.9 |
| | | SVABR/L 1212K 11-S | 12 | 12 | 12 | 12 | 125 | 26 | 0° | 0° | VBMT 11 02 04 | 0.9 |
| | | SVABR/L 1616K 11-S | 16 | 16 | 16 | 16 | 125 | 26 | 0° | 0° | VBMT 11 02 04 | 0.9 |
| | 16 | SVABR/L 1212K 16-S | 12 | 12 | 12 | 12 | 125 | 40 | 0° | 0° | VBMT 16 04 08 | 3.0 |
| | | SVABR/L 1616K 16-S | 16 | 16 | 16 | 16 | 125 | 40 | 0° | 0° | VBMT 16 04 08 | 3.0 |
|  | 11 | SVVBN 0808K 11-S-B1[4] | 8 | 4.3 | 8 | 8 | 125 | 21 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | SVVBN 1010K 11-S-B1[4] | 10 | 5.3 | 10 | 10 | 125 | 21 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | SVVBN 1212K 11-S-B1[4] | 12 | 6.3 | 12 | 12 | 125 | 21 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | SVVBN 1616K 11-S-B1[4] | 16 | 8.3 | 16 | 16 | 125 | 21 | 0° | 0° | VBMT 11 03 04 | 0.9 |

## Versión en pulgadas

| Aplicación principal | iC | Código de pedido | Dimensiones, pulgadas b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s2$[2] | Plaquitas calibradoras | pies-lbs[5] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/4 | SVABR/L 062C-S-B1[4] | .375 | .375 | .375 | .375 | 5.000 | .790 | 0° | 0° | VBMT 221 | 0.7 |
| | | SVABR/L 082C-S-B1[4] | .500 | .500 | .500 | .500 | 5.000 | .790 | 0° | 0° | VBMT 221 | 0.7 |
| | | SVABR/L 102C-S-B1[4] | .625 | .625 | .625 | .625 | 5.000 | .790 | 0° | 0° | VBMT 221 | 0.7 |
| | | SVABR/L 062C-S | .375 | .375 | .375 | .375 | 5.000 | 1.060 | 0° | 0° | VBMT 2(1.5)1 | 0.7 |
| | | SVABR/L 082C-S | .500 | .500 | .500 | .500 | 5.000 | 1.060 | 0° | 0° | VBMT 2(1.5)1 | 0.7 |
| | | SVABR/L 102C-S | .625 | .625 | .625 | .625 | 5.000 | 1.060 | 0° | 0° | VBMT 2(1.5)1 | 0.7 |
| | 3/8 | SVABR/L 083C-S | .500 | .500 | .500 | .500 | 5.000 | 1.610 | 0° | 0° | VBMT 332 | 2.2 |
| | | SVABR/L 103C-S | .625 | .625 | .625 | .625 | 5.000 | 1.610 | 0° | 0° | VBMT 332 | 2.2 |
| | | SVABR/L 123C-S | .750 | .750 | .750 | .750 | 5.000 | 1.610 | 0° | 0° | VBMT 332 | 2.2 |
|  | 1/4 | SVVBN 062C-S-B1[4] | .375 | .190 | .375 | .375 | 5.000 | .830 | 0° | | VBMT 221 | 0.7 |
| | | SVVBN 082C-S-B1[4] | .500 | .260 | .500 | .500 | 5.000 | .830 | 0° | 0° | VBMT 221 | 0.7 |
| | | SVVBN 102C-S-B1[4] | .625 | .363 | .625 | .625 | 5.000 | .830 | 0° | 0° | VBMT 221 | 0.7 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) B1 al final del código de pedido = para plaquitas con espesor 03 = 3.18 mm (2 = 1/8").
5) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda
N = Neutro

## Piezas de repuesto principales

| Tamaño de plaquita | | | |
|---|---|---|---|
| | iC | Tornillo de plaquita (rosca) | Llave (Torx Plus) |
| 11 | 1/4 | 5513 020-03 (M2.5) | 5680 051-02 (7IP) |
| 16 | 3/8 | 5513 020-09 (M3.5) | 5680 049-01 (15IP) |

A9
A370
G6
A2
J2

# Herramientas de vástago para mecanizado de piezas pequeñas

**Barras en pulgadas con mango de acero**

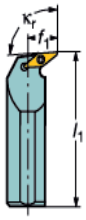
**Para mecanizado exterior**

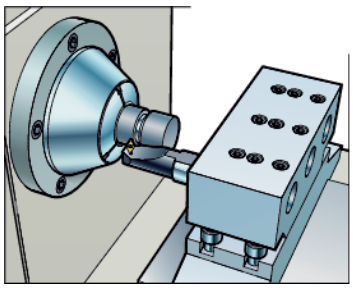
Diseño de sujeción por tornillo CoroTurn® 107

**Cilíndrico con planos** **SVUBL**

Ángulo de posición: $\kappa_r$ 93°

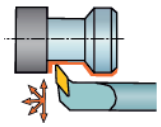
Ángulo de ataque: -3°



Barras de mandrinar para mecanizado exterior con diámetros 19.05mm (.750 pulgadas) y 25.4 mm (1000 pulgadas) para utilizar en máquinas Suizas donde las correderas en pulgadas son frecuentemente utilizadas.

Se muestra el tipo a izquierda

| Aplicación principal | | *iC* | **Código de pedido** | Dimensiones, mm, pulgadas<br>*dm*$_m$ | *D*$_m$ mín. | *f*$_1$ | *l*$_1$ | *l*$_3$ | *h* | $\gamma^{1)}$ | $\lambda^{2)}$ | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 11 | 1/4 | **A12S-SVUBL 2-EB1**[4] | 19.05 | 25.7 | 14.7 | 254 | | 18.03 | 0° | -5° | VBMT 11 03 04 | 0.9 |
| | | | | *.750* | *1.012* | *.580* | *10.000* | *1.180* | *.710* | | | | |
| | | | **A16T-SVUBL 2-DB1**[4] | 25.4 | 31.5 | 17.3 | 304.8 | | 23.11 | 0° | -3° | VBMT 11 03 04 | 0.9 |
| | | | | *1.000* | *1.240* | *.680* | *12.000* | *1.380* | *.910* | | | | |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).

2) $\lambda_s$ = Ángulo de inclinación

3) Par de apriete de la plaquita, ft-lbs.

4) B1 al final del código de pedido = para plaquitas con espesor 03 = 3.18 mm (2 = 1/8").

L = A izquierda

## Piezas de repuesto principales

| Tamaño de plaquita | | Tornillo de plaquita | Llave (Torx Plus) |
|---|---|---|---|
| | *iC* | | |
| 11 | 1/4 | 5513 020-03 | 5680 051-02 (7IP) |

A9

G6

A2

J2



SANDVIK Coromant

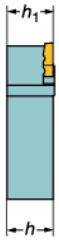
# Herramientas de vástago para mecanizado de piezas pequeñas

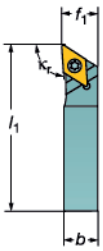
**CoroTurn® TR**

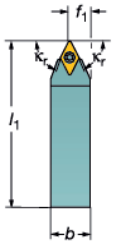
**Diseño de sujeción por tornillo**

| | TR-D13JCR/L-S | TR-D13NCN-S |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 93° | $\kappa_r$ 62,5° |
| Ángulo de ataque: | -3° | 27.5° |

TR-DC



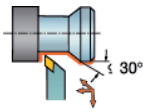
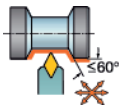



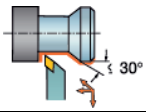
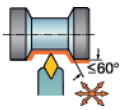

Neutro

Si no se especifica nada más, a derechas en la ilustración

## Versión métrica

| Aplicación principal | | Código de pedido | Dimensiones, mm $f_1$ | $b$ | $h$ | $h_1$ | $l_1$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras ISO/ANSI | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 13 | TR-D13JCR/L 1616K-S | 16.0 | 16 | 16.0 | 16.0 | 125.0 | 0° | 0° | TR-DC1308 | 3.0 |
|  | 13 | TR-D13NCN1616K-S | 8.3 | 16 | 16.0 | 16.0 | 125.0 | 0° | 0° | TR-DC1308 | 3.0 |

## Versión en pulgadas

| Aplicación principal | | Código de pedido | Dimensiones, pulgadas $f_1$ | $b$ | $h$ | $h_1$ | $l_1$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras ISO/ANSI | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 13 | TR-D13JCR/L 10C-S | .625 | .625 | .625 | .625 | 5.000 | 0 | 0 | TR-DC1308 | 2.2 |
|  | 13 | TR-D13NCN 10C-S | .331 | .625 | .625 | .625 | 5.000 | 0 | 0 | TR-DC1308 | 2.2 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda
N = Neutro

## Piezas de repuesto principales

| | Tornillo de plaquita | Llave (Torx Plus) | Llave dinamométrica |
|---|---|---|---|
| 13 | 5513 020-01 | 5680 049-01 (15IP) | 5680 100-06 |

A9

A370

G6

A2

J2

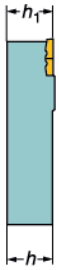
# Herramientas de vástago para mecanizado de piezas pequeñas

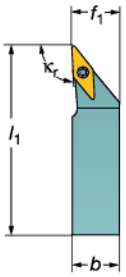
**CoroTurn® TR**

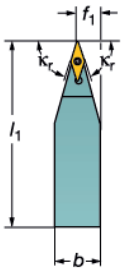
**Diseño de sujeción por tornillo**

| | TR-V13JBR/L-S | TR-V13VBN-S |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 93° | $\kappa_r$ 72,5° |
| Ángulo de ataque: | -3° | 17.5° |

TR-VB



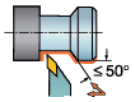
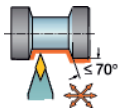



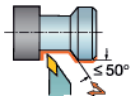
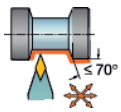

Neutro

Si no se especifica nada más, a derechas en la ilustración

## Versión métrica

| Aplicación principal | | Código de pedido | Dimensiones, mm $b$ | $f_1$ | $h$ | $h_1$ | $l_1$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras ISO/ANSI | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 13 | **TR-V13JBR/L 1616K-S** | 16 | 16 | 16 | 16 | 125 | 0° | 0° | TR-VB1308 | 2.0 |
|  | 13 | **TR-V13VBN 1616K-S** | 16 | 8.3 | 16 | 16 | 125 | 0° | 0° | TR-VB1308 | 2.0 |

## Versión en pulgadas

| Aplicación principal | | Código de pedido | Dimensiones, pulgadas $b$ | $f_1$ | $h$ | $h_1$ | $l_1$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras ISO/ANSI | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 13 | **TR-V13JBR/L 10C-S** | .625 | .625 | .625 | .625 | 5.000 | 0° | 0° | TR-VB1308 | 1.5 |
|  | 13 | **TR-V13VBN 10C-S** | .625 | .331 | .625 | .625 | 5.000 | 0° | 0° | TR-VB1308 | 1.5 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda
N = Neutro

## Piezas de repuesto principales

| | Tornillo de plaquita | Llave (Torx Plus) | Llave dinamométrica |
|---|---|---|---|
| 13 | 5513 020-64 | 5680 049-04 (10IP) | 5680 100-05 |

A9

A370

G6

A2

J2



SANDVIK Coromant

# Sistema de cambio rápido QS

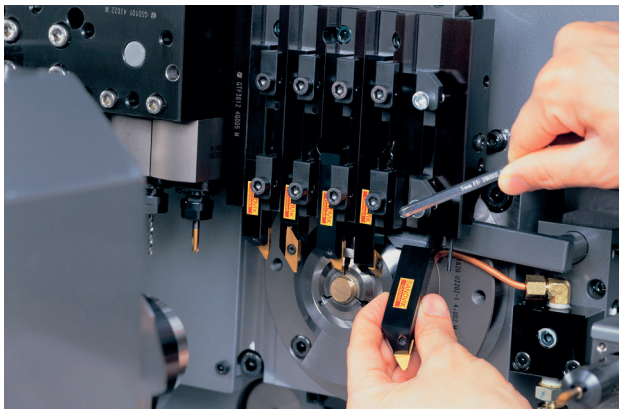
**Para maximizar el tiempo de producción activo en las máquinas con cabezal móvil**

### Cambios de herramienta más rápidos, mayor productividad

Ahorre tiempo respecto a los sistemas convencionales

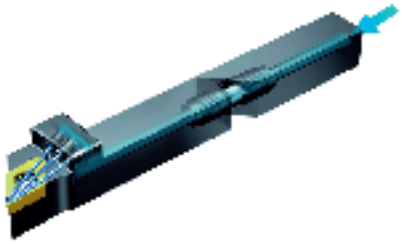
- Sujeción y liberación con tan solo girar un tornillo
- Ajuste inmediato de la posición del filo de la plaquita al colocar el mango corto contra el tope
- La cuña por efecto elástico asegura el mango durante el cambio para eliminar problemas de caída del mango en la máquina
- Reducción del tiempo muerto por intercambio de plaquita de tres a un minuto

No es necesario modificar el soporte de la herramienta. Sólo se debe sustituir por el sistema de sujeción QS que consta de
- 2 cuñas por efecto elástico QS
- Mango QS corto para distintas aplicaciones
- Tope QS



### Cómo se utiliza el sistema de sujeción QS

- Retire la cuña convencional
- Sustitúyala por 2 cuñas QS
- Ajuste la posición del filo de la plaquita y fije el mango corto con la cuña QS cerca del casquillo guía
- Fije el tope en contacto con el mango corto utilizando otra cuña



### Los mangos cortos QS están disponibles para las aplicaciones siguientes

- CoroTurn 107® para torneado en general
- CoroCut® 1-2 y 3 para tronzado & ranurado
- CoroThread 266® para roscado
- CoroCut® XS para torneado, tronzado & ranurado y roscado

### Cómo se pide el sistema de sujeción QS

- Para seleccionar la cuña QS correcta, compruebe modelo de la máquina, código de placa y tamaño de mango, ver página A218
- Elija el tamaño de mango correcto para tope QS, ver página A233
- Elija el mango corto QS para su aplicación, ver página A225

## Portaplaquitas QS con refrigerante a alta presión

Gracias a la combinación de la capacidad de cambio rápido del sistema de sujeción QS y un refrigerante a alta presión, resulta la primera elección para máquinas con cabezal móvil. QS HP ofrece una producción sin contratiempos y una mayor calidad de los componentes en los materiales más exigentes de viruta larga.

### Disponible para las siguientes aplicaciones

- CoroTurn 107® para torneado general
- CoroCut® 1-2 y 3 para tronzado & ranurado
- CoroCut® XS para torneado, tronzado & ranurado y roscado

Consulte la página A219

| Cuña | MTM | Modelo | Mango | |
|---|---|---|---|---|
| | | | ISO métrica | Pulgadas ANSI |
| QS-10 | Citizen | R04/R07 | 0808 | |
| QS-20 | Citizen | A16,C12,K12,K16,L16,L20 | 1010 | |
| QS-30 | Citizen | A20,B20,C16,C20,C32,K12,K16,L16,L20 | 1212 | |
| QS-30A | Citizen | A20,B20,C16,C20,C32,K12,K16,L16,L20 | | 08 |
| QS-31 | Citizen | L16 VIII, L720 | 1212 | |
| QS-31A | Citizen | L16 VIII, L720 | | 08 |
| QS-40 | Citizen | L32,M20,M32 | 1616 | |
| QS-40A | Citizen | L32,M20,M32 | | 10 |
| QS-130 | Tornos | Delta 12/20 | 1212,1616 | 08,10 |
| | Tsugami | B0,BS,BU,BM,BN,BA and BW models | 1212,1616 | 08,10 |
| QS-230 | Nexturn | SA20 | 1212 | |
| QS-230A | Nexturn | SA20 | | 08 |
| QS-240 | Nexturn | SA26 | 1616 | 10 |
| QS-351 | Star | SB-16,SC20,SE12/16 | 1010 | 06 |
| (Para la posición posterior y frontal en herramientas de tronzado) | | SE16B,SR16,SR20,SR20R | 1212 | 08 |
| | | S25/32J | 1616 | 10 |
| QS-352 | Star | SB-16,SC20,SE12/16 | 1010 | 06 |
| (Posición frontal para herramientas de tornear) | | SE16B,SR16,SR20,SR20R | 1212 | 08 |
| | | S25/32J | 1616 | 10 |

Nota: la información anterior ofrece una orientación sobre las mejores combinaciones de herramientas. Sin embargo, debe realizar siempre una prueba real para garantizar un ajuste correcto.

| Tope | MTM | Mango | |
|---|---|---|---|
| | | ISO métrica | Pulgadas ANSI |
| QS-0808 | Citizen/Star/Nexturn | 0808 | |
| QS-1010 | Citizen/Star/Nexturn | 1010 | |
| QS1212 | Citizen/Star/Nexturn | 1212 | |
| QS-1616 | Citizen/Star/Nexturn | 1616 | |
| QS-A06 | Citizen/Star/Nexturn | | 06 |
| QS-A08 | Citizen/Star/Nexturn | | 08 |
| QS-A10 | Citizen/Star/Nexturn | | 10 |
| QS-130-12 | Tsugami/Tornos | 1212 | 08 |
| QS-130-16 | Tsugami/Tornos | 1616 | 10 |

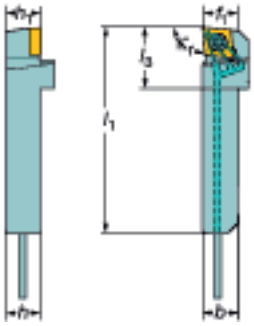
# Porta versión corta para el sistema de sujeción QS™

**Con refrigerante a alta presión**

**Torneado en general**
**Diseño de sujeción por tornillo CoroTurn® 107**

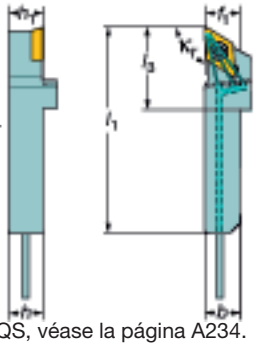
**QS- SCLCR-HP**
Ángulo de posición: $\kappa_r$ 95°
Angulo -5°

CCMT, CCGT
CCGX, CCET
CCMW



**QS- SDJCR-HP**
$\kappa_r$ 93°
-3°

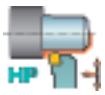
DCMT, DCMX
DCGT, DCGX, DCET
DCMW



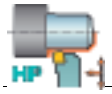
Si no se especifica nada más, a derechas en la ilustración

En el caso de la cuña QS, véase la página A234.
En el caso del tope QS, véase la página A223.

## Versión métrica

| Aplicación principal | ☐ | Código de pedido | Dimensiones, mm b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda_s{}^{2)}$ | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 09 | QS-SCLCR1212E09HP | 12 | 12 | 12 | 12 | 70 | 21 | 0° | 0° | CCMT 09 T3 04 | 0.9 |

## Versión en pulgadas

| Aplicación principal | iC | Código de pedido | Dimensiones, pulgadas b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda_s{}^{2)}$ | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 3/8 | QS-SCLCR083XHP | .500 | .500 | .500 | .500 | 2.756 | .827 | 0° | 0° | CCMT 3(2.5)2 | 0.7 |

## Versión métrica

| Aplicación principal | ◇ | Código de pedido | Dimensiones, mm b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda_s{}^{2)}$ | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 07 | QS-SDJCR1012E07HP | 12 | 10 | 10 | 10 | 70 | 21 | 0° | 0° | DCMT 07 02 04 | 0.9 |
| | 07 | QS-SDJCR1212E07HP | 12 | 12 | 12 | 12 | 70 | 15 | 0° | 0° | DCMT 07 02 04 | 0.9 |
| | 11 | QS-SDJCR1212E11HP | 12 | 12 | 12 | 12 | 70 | 27.5 | 0° | 0° | DCMT 11 T3 08 | 0.9 |
| | | QS-SDJCR1616E11HP | 16 | 16 | 16 | 16 | 70 | 27.5 | 0° | 0° | DCMT 11 T3 08 | 0.9 |

## Versión en pulgadas

| Aplicación principal | iC | Código de pedido | Dimensiones, pulgadas b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma$ | $\lambda_s$ | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1/4 | QS-SDJCR06082XHP | .500 | .375 | .375 | .375 | 2.756 | .827 | 0° | 0° | DCMT 2(1.5)1 | 0.7 |
| | | QS-SDJCR082XHP | .500 | .472 | .500 | .472 | 2.756 | .591 | 0° | 0° | DCMT 2(1.5)1 | 0.7 |
| | 3/8 | QS-SDJCR083XHP | .500 | .500 | .500 | .500 | 2.756 | 1.083 | 0° | 0° | DCMT 3(2.5)2 | 0.7 |
| | | QS-SDJCR103XHP | .625 | .625 | .625 | .625 | 2.756 | 1.083 | 0° | 0° | DCMT 3(2.5)2 | 0.7 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A derecha

## Piezas de repuesto principales

| Tamaño de plaquita ☐ | Tamaño de plaquita iC | Tamaño de mango Métrica | Tamaño de mango Pulgadas | Tornillo de plaquita (rosca) | Llave (Torx Plus) | Boquilla | Tubo de refrigerante |
|---|---|---|---|---|---|---|---|
| 09 | 3/8 | | | 5313 020-03 (M2.5) | 5680 051-02 (7IP) | 5692 034-05 | 5692 033-05 |
| 07 | 1/4 | 1012 | 06082 | 5313 020-02 (M2.5) | 5680 051-02 (7IP) | 5692 034-04 | 5692 033-04 |
| 07 | 1/4 | 1212-1616 | 083-103 | 5313 020-02 (M2.5) | 5680 051-02 (7IP) | 5692 034-05 | 5692 033-05 |
| 11 | 3/8 | | | 5313 020-09 (M3.5) | 5680 049-01 (15IP) | 5692 034-05 | 5692 033-05 |

A11
G6
A2
J2

# Porta versión corta para el sistema de sujeción QS™

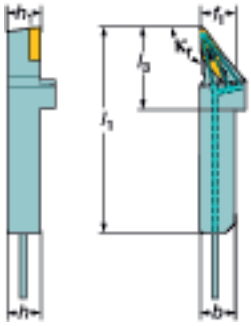
**Con refrigerante a alta presión**

**Torneado en general**
**Diseño de sujeción por tornillo CoroTurn® 107**

**QS- SVJCR/L**
Ángulo de posición: $\kappa_r$ 93°
Angulo -3°

VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW



Si no se especifica nada más, a derechas en la ilustración

**Versión métrica**

| Aplicación principal | | Código de pedido | Dimensiones, mm b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda_s^{2)}$ | Plaquitas calibradoras | Nm[3)] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 11 | **QS-SVJCR/L1012E11HP** | 12 | 10 | 10 | 10 | 70 | 28 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | **QS-SVJCR/L1212E11HP** | 12 | 12 | 12 | 12 | 70 | 28 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | **QS-SVJCR/L1616E11HP** | 16 | 16 | 16 | 16 | 70 | 28 | 0° | 0° | VBMT 11 03 04 | 0.9 |

**Versión en pulgadas**

| Aplicación principal | *iC* | Código de pedido | Dimensiones, pulgadas b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda_s^{2)}$ | Plaquitas calibradoras | p-lbs[4)] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1/4 | **QS-SVJCR/L06082XHP** | .500 | .375 | .375 | .375 | 2.756 | 1.102 | 0° | 0° | VBMT 221 | 0.7 |
| | | **QS-SVJCR/L082XHP** | .500 | .500 | .500 | .500 | 2.756 | 1.102 | 0° | 0° | VBMT 221 | 0.7 |
| | | **QS-SVJCR/L102XHP** | .625 | .625 | .625 | .625 | 2.756 | 1.102 | 0° | 0° | VBMT 221 | 0.7 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A derecha

En el caso de la cuña QS, véase la página A234.
En el caso del tope QS, véase la página A223.

**Piezas de repuesto principales**

| Tamaño de plaquita | | Tamaño de mango | | | | | |
|---|---|---|---|---|---|---|---|
| | *iC* | Métrica | Pulgadas | Tornillo de plaquita (rosca) | Llave (Torx Plus) | Boquilla | Tubo de refrigerante |
| 11 | 1/4 | 1012 | 0608 | 5313 020-09 (M3.5) | 5680 049-01 (15IP) | 5692 034-04 | 5692 033-04 |
| 11 | 1/4 | 1212-1616 | 08-10 | 5313 020-09 (M3.5) | 5680 049-01 (15IP) | 5692 034-05 | 5692 033-05 |

A11
G6
A2
J2



SANDVIK Coromant

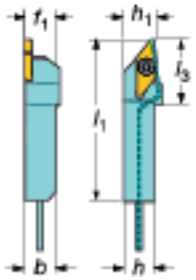
# Porta versión corta para el sistema de sujeción QS™

**Con refrigerante a alta presión**

**Torneado, tronzado y ranurado, y roscado**

**CoroCut® XS diseño de sujeción por tornillo**

**QS- SMALR/L**




A derechas en la ilustración

## Versión métrica

| Tamaño de asiento[3] | Código de pedido | Dimensiones, mm b | f1 | h | h1 | l1 | l3 | Plaquitas calibradoras | Nm[1] |
|---|---|---|---|---|---|---|---|---|---|
| 3 | **QS-SMALR/L1012E3HP** | 12 | 10.0 | 10 | 10 | 70 | 28.0 | MAxL 3.. | 1.2 |
| | **QS-SMALR/L1212E3HP** | 12 | 12.0 | 12 | 12 | 70 | 28.0 | MAxL 3.. | 1.2 |
| | **QS-SMALR/L1616E3HP** | 16 | 16.0 | 16 | 16 | 70 | 28.0 | MAxL 3.. | 1.2 |

## Versión en pulgadas

| Tamaño de asiento[3] | Código de pedido | Dimensiones, pulgadas b | f1 | h | h1 | l1 | l3 | Plaquitas calibradoras | pies-lbs[2] |
|---|---|---|---|---|---|---|---|---|---|
| 3 | **QS-SMALR/L06083XHP** | .500 | .375 | .375 | .375 | 2.756 | 1.102 | MAxL 3.. | 0.9 |
| | **QS-SMALR/L083XHP** | .500 | .500 | .500 | .500 | 2.756 | 1.102 | MAxL 3.. | 0.9 |
| | **QS-SMALR/L103XHP** | .625 | .625 | .625 | .625 | 2.756 | 1.102 | MAxL 3.. | 0.9 |

1) Par torsor de la plaquita Nm

2) Par de apriete de la plaquita, ft-lbs.

3) Para que corresponda con el tamaño de alojamiento del portaplaquitas.

R = A Derecha, L = A Izquierda

Cuñas y topes QS, ver página A233.

## Piezas de repuesto principales

| Tamaño de mango | | | | | |
|---|---|---|---|---|---|
| Métrica | Pulgadas | Tornillo | Llave (Torx Plus) | Boquilla | Tubo de refrigerante |
| 1012 | 0608 | 5513 027-01 | 5680 046-01 (8IP) | 5692 034-04 | 5692 033-04 |
| 1212-1616 | 083-103 | 5513 027-01 | 5680 046-01 (8IP) | 5692 034-05 | 5692 033-05 |

B90

G6

J2

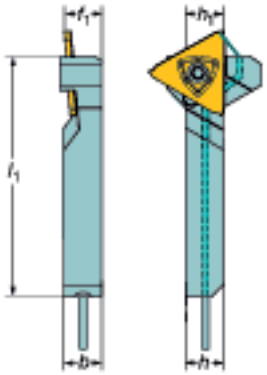
# Porta versión corta para el sistema de sujeción QS™

**Con refrigerante a alta presión**

**Tronzado y ranurado**

**CoroCut® de 3 filos - Diseño de sujeción por tornillo**

**QS-RF/LF123 T/U**



Nota: Cuando utilice CoroCut® de tres filos, el $a_r$ de la plaquita da una profundidad de corte máxima.

Se muestra una herramienta a derecha con plaquita a derecha (T).

## Versión métrica

| Aplicación principal | Tamaño de asiento[1] | Código de pedido | Dimensiones, mm $b$ | $f_1$ | $h$ | $h_1$ | $l_1$ | Plaquitas calibradoras | Nm[2] |
|---|---|---|---|---|---|---|---|---|---|
| | T | **QS-RF123T06-1010BHP** | 10 | 10 | 10 | 10 | 70 | N123T3-0150- CM | 3.0 |
| | | **QS-RF123T06-1212BHP** | 12 | 12 | 12 | 12 | 70 | N123T3-0150- CM | 3.0 |
| | | **QS-RF123T06-1616BHP** | 16 | 16 | 16 | 16 | 70 | N123T3-0150- CM | 3.0 |
| | U | **QS-LF123U06-1010BHP** | 10 | 10 | 10 | 10 | 70 | N123U3-0150- CM | 3.0 |
| | | **QS-LF123U06-1212BHP** | 12 | 12 | 12 | 12 | 70 | N123U3-0150- CM | 3.0 |
| | | **QS-LF123U06-1616BHP** | 16 | 16 | 16 | 16 | 70 | N123U3-0150- CM | 3.0 |

## Versión en pulgadas

| Aplicación principal | Tamaño de asiento[1] | Código de pedido | Dimensiones $b$ | $f_1$ | $h$ | $h_1$ | $l_1$ | Plaquitas calibradoras | ft-lbs[3] |
|---|---|---|---|---|---|---|---|---|---|
| | T | **QS-RF123T023-06BHP** | .375 | .375 | .375 | .375 | 2.750 | N123T3-0150- CM | 3.0 |
| | | **QS-RF123T023-08BHP** | .500 | .500 | .500 | .500 | 2.750 | N123T3-0150- CM | 3.0 |
| | | **QS-RF123T023-10BHP** | .625 | .625 | .625 | .625 | 2.750 | N123T3-0150- CM | 3.0 |
| | U | **QS-LF123U023-06BHP** | .375 | .375 | .375 | .500 | 2.750 | N123U3-0150- CM | 3.0 |
| | | **QS-LF123U023-08BHP** | .500 | .500 | .500 | .500 | 2.750 | N123U3-0150- CM | 3.0 |
| | | **QS-LF123U023-10BHP** | .625 | .625 | .625 | .625 | 2.750 | N123U3-0150- CM | 3.0 |

1) Para que corresponda con el tamaño de alojamiento de la plaquita.

2) Par torsor de la plaquita Nm

3) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

En el caso de la cuña QS, véase la página A234.
En el caso del tope QS, véase la página A223.

T = Plaquita de corte a derecha, U = Plaquita de corte a izquierda.

## Piezas de repuesto principales

| Tamaño de mango | | Para tornillo de la parte inferior del portaplaquitas | | | | |
|---|---|---|---|---|---|---|
| Métrica | Pulgadas | Tornillo | Llave (Torx Plus) | Destornillador (Torx Plus) [1] | Boquilla | Tubo de refrigerante |
| 1010 | 06 | 5513 020-63 | 5680 049-02 (15IP) | 5680 046-01 (8IP) | 5692 034-04 | 5692 033-04 |
| 1212-1616 | 08-10 | 5513 020-62 | 5680 049-02 (15IP) | 5680 046-01 (8IP) | 5692 033-05 | 5692 033-05 |

1) Los accesorios deben pedirse por separado

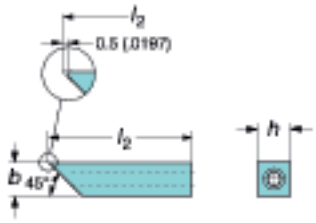
C11 G6 J2



SANDVIK Coromant

# Parada para sistema de sujeción QS™

**Citizen/Star/Nexturn**




| Código de pedido | Para tamaño de mango mm, pulg | Dimensiones, mm, pulgadas | | |
|---|---|---|---|---|
| | | *b* | *h* | $l_2$ |
| **Métrica** | | | | |
| QS-1010HP | 1010 | 10 | 10 | 51 |
| QS-1212HP | 1212 | 12 | 12 | 51 |
| QS-1616HP | 1616 | 16 | 16 | 51 |
| **Pulgadas** | | | | |
| QS-A06HP | 3/8 | .375 | .375 | 2.000 |
| QS-A08HP | 1/2 | .500 | .500 | 2.000 |
| QS-A10HP | 5/8 | .625 | .625 | 2.000 |

# Porta versión corta para el sistema de sujeción QS™

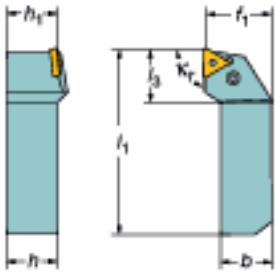
## Torneado en general

## Diseño de palanca T-Max P

**QS-PTGNR**

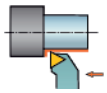
Ángulo de posición: $K_r$ 91°
Ángulo de ataque: -1°

TNMM, TNMX
TNMG
TNMA, TNGA

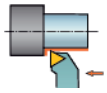



Si no se especifica nada más, a derechas en la ilustración

### Versión métrica

| Aplicación principal | △ | Código de pedido | Dimensiones, mm $b$ | $f_1$ | $h$ | $h_1$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda_s^{2)}$ | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 11 | **QS-PTGNR 1212E11** | 12 | 12 | 12 | 12 | 70 | 15.8 | -6° | -6° | TNMG 11 03 04 | 2.0 |
| | | **QS-PTGNR 1616E11** | 16 | 16 | 16 | 16 | 70 | 15.8 | -6° | -6° | TNMG 11 03 04 | 2.0 |

### Versión en pulgadas

| Aplicación principal | $iC$ | Código de pedido | Dimensiones, pulgadas $b$ | $f_1$ | $h$ | $h_1$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda_s^{2)}$ | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/4 | **QS-PTGNR 082X** | .500 | .500 | .500 | .500 | 2.756 | .622 | -6° | -6° | TNMG 221 | 1.5 |
| | | **QS-PTGNR 102X** | .625 | .625 | .625 | .625 | 2.756 | .622 | -6° | -6° | TNMG 221 | 1.5 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A derecha

Cuñas y topes QS, ver página A233.

### Piezas de repuesto principales

| Tamaño de plaquita △ | $iC$ | Palanca | Tornillo | Llave (mm) |
|---|---|---|---|---|
| 11 | 1/4 | 174.3-846-1 | 1743.-829 | 170.3-864 (1.98) |

A11
G6
A2
J2



SANDVIK Coromant

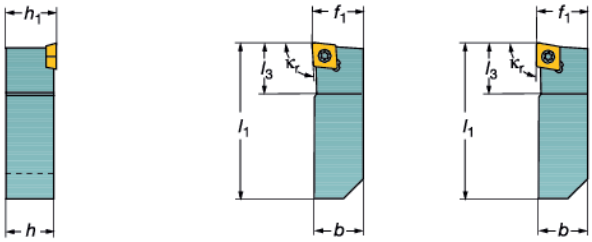
# Porta versión corta para el sistema de sujeción QS™

**Torneado en general**

**Diseño de sujeción por tornillo CoroTurn® 107**

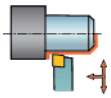
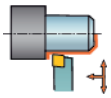
| | QS- SCLCR | QS- SCACR |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 95° | $\kappa_r$ 90° |
| Ángulo de ataque: | -5° | 0° |

CCMT, CCGT
CCGX, CCET
CCMW

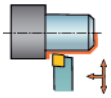
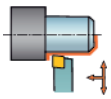



Si no se especifica nada más, a derechas en la ilustración

## Versión métrica

| Aplicación principal | □ | Código de pedido | Dimensiones, mm b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 06 | QS-SCLCR0808C06 | 8 | 8 | 8 | 8 | 50 | 8 | 0° | 0° | CCMT 06 02 04 | 0.9 |
| | | QS-SCLCR1010E06 | 10 | 10 | 10 | 10 | 70 | 10 | 0° | 0° | CCMT 06 02 04 | 0.9 |
| | | QS-SCLCR1212E06 | 12 | 12 | 12 | 12 | 70 | 12 | 0° | 0° | CCMT 06 02 04 | 0.9 |
| | 09 | QS-SCLCR1212E09 | 12 | 12 | 12 | 12 | 70 | 12 | 0° | 0° | CCMT 09 T3 08 | 3.0 |
| | | QS-SCLCR1616E09 | 16 | 16 | 16 | 16 | 70 | 16 | 0° | 0° | CCMT 09 T3 08 | 3.0 |
|  | 06 | QS-SCACR0808C06 | 8 | 8 | 8 | 8 | 50 | 8 | 0° | 0° | CCMT 06 02 04 | 0.9 |
| | | QS-SCACR1010E06 | 10 | 10 | 10 | 10 | 70 | 10 | 0° | 0° | CCMT 06 02 04 | 0.9 |
| | | QS-SCACR1212E06 | 12 | 12 | 12 | 12 | 70 | 12 | 0° | 0° | CCMT 06 02 04 | 0.9 |

## Versión en pulgadas

| Aplicación principal | iC | Código de pedido | Dimensiones, pulgadas b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/4 | QS-SCLCR 062X | .375 | .375 | .375 | .375 | 2.756 | .394 | 0° | 0° | CCMT 2(1.5)1 | 0.7 |
| | 3/8 | QS-SCLCR 083X | .500 | .500 | .500 | .500 | 2.756 | .591 | 0° | 0° | CCMT 3(2.5)2 | 2.2 |
| | | QS-SCLCR 103X | .625 | .625 | .625 | .625 | 2.756 | .591 | 0° | 0° | CCMT 3(2.5)2 | 2.2 |
|  | 1/4 | QS-SCACR 062X | .375 | .375 | .375 | .375 | 2.756 | .394 | 0° | 0° | CCMT 2(1.5)1 | 0.7 |
| | 3/8 | QS-SCACR 083X | .500 | .500 | .500 | .500 | 2.756 | .591 | 0° | 0° | CCMT 3(2.5)2 | 2.2 |
| | | QS-SCACR 103X | .625 | .625 | .625 | .625 | 2.756 | .591 | 0° | 0° | CCMT 3(2.5)2 | 2.2 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A derecha

Cuñas y topes QS, ver página A233.

## Piezas de repuesto principales

| Tamaño de plaquita □ | iC | Tornillo de plaquita (rosca) | Llave (Torx Plus) |
|---|---|---|---|
| 06 | 1/4 | 5513 020-03 (M2.5) | 5680 051-02 (7IP) |
| 09 | 3/8 | 5513 020-09 (M3.5) | 5680 049-01 (15IP) |

A11
G6
A2
J2

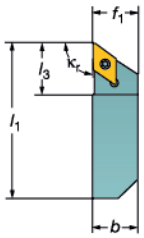
# Porta versión corta para el sistema de sujeción QS™

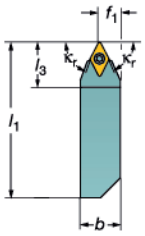
**Torneado en general**

**Diseño de sujeción por tornillo CoroTurn® 107**

| | QS- SDJCR | QS- SDNCN<br>QS- SDPCN |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 93° | $\kappa_r$ 62.5° |
| Ángulo de ataque: | -3° | 27.5° |

DCMT, DCMX
DCGT, DCGX, DCET
DCMW

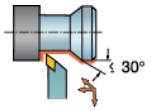
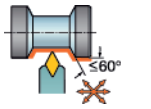


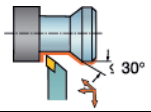
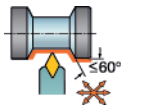

Neutro

Si no se especifica nada más, a derechas en la ilustración

## Versión métrica

| Aplicación principal | | Código de pedido | Dimensiones, mm<br>$b$ | $f_1$ | $h$ | $h_1$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 07 | QS-SDJCR0808C07 | 8 | 8 | 8 | 8 | 50 | 12.7 | 0° | 0° | DCMT 07 02 04 | 0.9 |
| | | QS-SDJCR1010E07 | 10 | 10 | 10 | 10 | 70 | 15 | 0° | 0° | DCMT 07 02 04 | 0.9 |
| | | QS-SDJCR1212E07 | 12 | 12 | 12 | 12 | 70 | 15 | 0° | 0° | DCMT 07 02 04 | 0.9 |
| | | QS-SDJCR1616E07 | 16 | 16 | 16 | 16 | 70 | 16 | 0° | 0° | DCMT 07 02 04 | 0.9 |
| | 11 | QS-SDJCR1212E11 | 12 | 12 | 12 | 12 | 70 | 18 | 0° | 0° | DCMT 11 T3 08 | 3.0 |
| | | QS-SDJCR1616E11 | 16 | 16 | 16 | 16 | 70 | 20 | 0° | 0° | DCMT 11 T3 08 | 3.0 |
|  | 11 | QS-SDNCN1212E11 | 12 | 6.2 | 12 | 12 | 70 | 21 | 0° | 0° | DCMT 11 T3 08 | 3.0 |
| | | QS-SDNCN1616E11 | 16 | 8.5 | 16 | 16 | 70 | 21 | 0° | 0° | DCMT 11 T3 08 | 3.0 |

## Versión en pulgadas

| Aplicación principal | $iC$ | Código de pedido | Dimensiones, pulgadas<br>$b$ | $f_1$ | $h$ | $h_1$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/4 | QS-SDJCR 062X | .375 | .375 | .375 | .375 | 2.756 | .591 | 0° | 0° | DCMT 2(1.5)1 | 0.7 |
| | 3/8 | QS-SDJCR 083X | .500 | .500 | .500 | .500 | 2.756 | .787 | 0° | 0° | DCMT 3(2.5)2 | 2.2 |
| | | QS-SDJCR 103X | .625 | .625 | .625 | .625 | 2.756 | .787 | 0° | 0° | DCMT 3(2.5)2 | 2.2 |
|  | 3/8 | QS-SDPCN 083X | .500 | .280 | .500 | .500 | 2.756 | .827 | 0° | 0° | DCMT 3(2.5)2 | 2.2 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

N = Neutral, R = A derecha

Cuñas y topes QS, ver página A233.

## Piezas de repuesto principales

| Tamaño de plaquita | | Tornillo de plaquita (rosca) | Llave (Torx Plus) |
|---|---|---|---|
| | $iC$ | | |
| 07 | 1/4 | 5513 020-03 (M2.5) | 5680 051-02 (7IP) |
| 11 | 3/8 | 5513 020-09 (M3.5) | 5680 049-01 (15IP) |

A11

G6

A2

J2



SANDVIK Coromant

# Porta versión corta para el sistema de sujeción QS™

**Torneado en general**

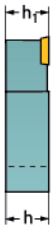
**Diseño de sujeción por tornillo CoroTurn® 107**

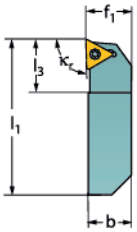
**QS- STJCR**

Ángulo de posición: $\kappa_r$ 93°
Angulo -3°

TCMT, TCMX,
TCGT, TCGX
TCEX

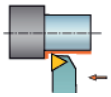
TCMW




Si no se especifica nada más, a derechas en la ilustración

## Versión métrica

| Aplicación principal | △ | Código de pedido | Dimensiones, mm b | f1 | h | h1 | l1 | l3 | γ1) | λs2) | Plaquitas calibradoras | Nm3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 11 | **QS-STJCR1010E11** | 10 | 10 | 10 | 10 | 70 | 16 | 0° | 0° | TCMT 11 02 04 | 0.9 |
| | | **QS-STJCR1212E11** | 12 | 12 | 12 | 12 | 70 | 16 | 0° | 0° | TCMT 11 02 04 | 0.9 |
| | | **QS-STJCR1616E11** | 16 | 16 | 16 | 16 | 70 | 16 | 0° | 0° | TCMT 11 02 04 | 0.9 |

1) γ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm

R = A derecha

Cuñas y topes QS, ver página A233.

## Piezas de repuesto principales

| Tamaño de plaquita | Tornillo de plaquita (rosca) | Llave (Torx Plus) |
|---|---|---|
| 11 | 5513 020-03 (M2.5) | 5680 051-02 (7IP) |

A11

G6

A2

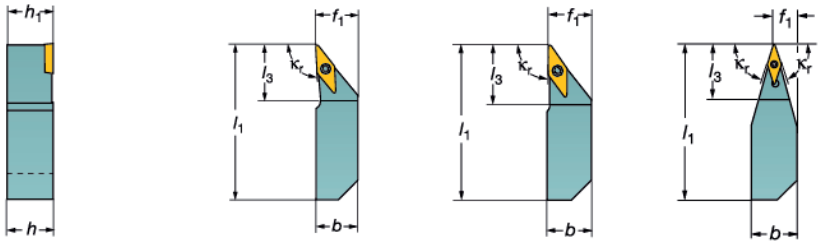
J2

# Porta versión corta para el sistema de sujeción QS™

**Torneado en general**

**Diseño de sujeción por tornillo CoroTurn® 107**

| | QS- SVJBR/L | QS- SVABR/L | QS- SVVBN |
|---|---|---|---|
| Ángulo de posición: | $\kappa_r$ 93° | $\kappa_r$ 90° | $\kappa_r$ 72.5° |
| Ángulo de ataque: | -3° | 0° | 17.5° |

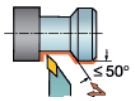
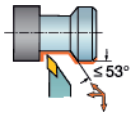
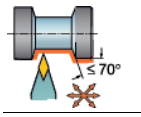



Nota: las plaquitas VCEX no son aptas para los mangos SVVBN

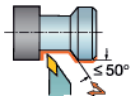
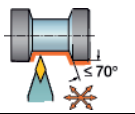
Si no se especifica nada más, a derechas en la ilustración

Neutro

## Versión métrica

| Aplicación principal | | Código de pedido | Dimensiones, mm b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma$ 1) | $\lambda_s$ 2) | Plaquitas calibradoras | Nm 3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 11 | QS-SVJBR/L1010E11-B1 4) | 10 | 10 | 10 | 10 | 70 | 26 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | QS-SVJBR/L1212E11-B1 4) | 12 | 12 | 12 | 12 | 70 | 26 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | QS-SVJBR/L1616E11-B1 4) | 16 | 16 | 16 | 16 | 70 | 26 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | 16 | QS-SVJBR/L1212E16 | 12 | 12 | 12 | 12 | 70 | 30 | 0° | 0° | VBMT 16 04 08 | 3.0 |
| | | QS-SVJBR/L1616E16 | 16 | 16 | 16 | 16 | 70 | 40 | 0° | 0° | VBMT 16 04 08 | 3.0 |
|  | 11 | QS-SVABR/L1010E11-B1 4) | 10 | 10 | 10 | 10 | 70 | 26 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | QS-SVABR/L1212E11-B1 4) | 12 | 12 | 12 | 12 | 70 | 26 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | QS-SVABR/L1616E11-B1 4) | 16 | 16 | 16 | 16 | 70 | 26 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | 16 | QS-SVABR/L1616E16 | 16 | 16 | 16 | 16 | 70 | 40 | 0° | 0° | VBMT 16 04 08 | 3.0 |
|  | 11 | QS-SVVBN0808C11-B1 4) | 8 | 4.3 | 8 | 8 | 50 | 21 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | QS-SVVBN1010E11-B1 4) | 10 | 5.3 | 10 | 10 | 70 | 21 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | QS-SVVBN1212E11-B1 4) | 12 | 6.3 | 12 | 12 | 70 | 21 | 0° | 0° | VBMT 11 03 04 | 0.9 |
| | | QS-SVVBN1616E11-B1 4) | 16 | 8.3 | 16 | 16 | 70 | 21 | 0° | 0° | VBMT 11 03 04 | 0.9 |

## Versión en pulgadas

| Aplicación principal | iC | Código de pedido | Dimensiones, pulgadas b | $f_1$ | h | $h_1$ | $l_1$ | $l_3$ | $\gamma$ 1) | $\lambda_s$ 2) | Plaquitas calibradoras | pies-lbs 5) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/4 | QS-SVJBR 062X-B1 4) | .375 | .375 | .375 | .375 | 2.756 | .787 | 0° | 0° | VBMT 221 | 0.7 |
| | | QS-SVJBR 082X-B1 4) | .500 | .500 | .500 | .500 | 2.756 | .787 | 0° | 0° | VBMT 221 | 0.7 |
| | | QS-SVJBR 102X-B1 4) | .625 | .625 | .625 | .625 | 2.756 | .787 | 0° | 0° | VBMT 221 | 0.7 |
| | 3/8 | QS-SVJBR 083X | .500 | .500 | .500 | .500 | 2.756 | 1.181 | 0° | 0° | VBMT 332 | 2.2 |
| | | QS-SVJBR 103X | .625 | .625 | .625 | .625 | 2.756 | 1.181 | 0° | 0° | VBMT 332 | 2.2 |
|  | 1/4 | QS-SVVBN 062X-B1 4) | .375 | .201 | .375 | .375 | 2.756 | .827 | 0° | 0° | VBMT 221 | 0.7 |
| | | QS-SVVBN 082X-B1 4) | .500 | .264 | .500 | .500 | 2.756 | .827 | 0° | 0° | VBMT 221 | 0.7 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).

2) $\lambda_s$ = Ángulo de inclinación

3) Par torsor de la plaquita Nm

4) B1 = para plaquitas con espesor 03 = 3.18 mm (2 =1/8").

5) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

N = Neutro

Cuñas y topes QS, ver página A233.

## Piezas de repuesto principales

| Tamaño de plaquita | | Tornillo de plaquita (rosca) | Llave (Torx Plus) |
|---|---|---|---|
| | iC | | |
| 11 | 1/4 | 5513 020-03 (M2.5) | 5680 051-02 (7IP) |
| 16 | 3/8 | 5513 020-09 (M3.5) | 5680 049-01 (15IP) |

A11

G6

A2

J2



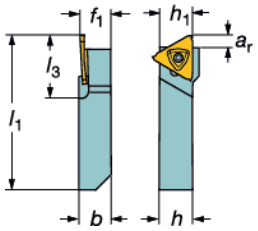
SANDVIK Coromant

# Porta versión corta para el sistema de sujeción QS™

**Tronzado y ranurado**

**CoroCut® de 3 filos - Diseño de sujeción por tornillo**

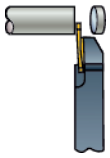
**QS-R/LF123**



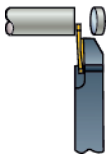

Nota: Cuando utilice CoroCut® de tres filos, el $a_r$ de la plaquita da una profundidad de corte máxima.

Se muestra una herramienta a derecha con plaquita a derecha (T).

## Versión métrica

| Aplicación principal | Tamaño de asiento[1] | Código de pedido | Dimensiones, mm $a_r$ | $b$ | $f_1$ | $h$ | $h_1$ | $l_1$ | $l_3$ | Plaquitas calibradoras | Nm[2] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | T | **QS-RF123T06-1616B** | 6.4 | 16 | 16 | 16 | 16 | 70 | 23 | N123T3-0150- CM | 3.0 |
| | | **QS-RF123T06-1212B** | 6.4 | 12 | 12 | 12 | 12 | 70 | 23 | N123T3-0150- CM | 3.0 |
| | | **QS-RF123T06-1010B** | 6.4 | 10 | 10 | 10 | 10 | 70 | 23 | N123T3-0150- CM | 3.0 |
| | U | **QS-LF123U06-1616B** | 6.4 | 16 | 16 | 16 | 16 | 70 | 23 | N123U3-0150- CM | 3.0 |
| | | **QS-LF123U06-1212B** | 6.4 | 12 | 12 | 12 | 12 | 70 | 23 | N123U3-0150- CM | 3.0 |
| | | **QS-LF123U06-1010B** | 6.4 | 10 | 10 | 10 | 10 | 70 | 23 | N123U3-0150- CM | 3.0 |

## Versión en pulgadas

| Aplicación principal | Tamaño de asiento[1] | Código de pedido | Dimensiones, pulgadas $a_r$ | $b$ | $f_1$ | $h$ | $h_1$ | $l_1$ | $l_3$ | Plaquitas calibradoras | ft-lbs[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | T | **QS-RF123T023-06B** | .250 | .375 | .375 | .375 | .375 | 2.750 | .787 | N123T3-0150- CM | 2.2 |
| | | **QS-RF123T023-08B** | .250 | .500 | .500 | .500 | .500 | 2.750 | .787 | N123T3-0150- CM | 2.2 |
| | | **QS-RF123T023-10B** | .250 | .625 | .625 | .625 | .625 | 2.750 | .787 | N123T3-0150- CM | 2.2 |
| | U | **QS-LF123U023-06B** | .252 | .375 | .375 | .375 | .500 | 2.750 | .787 | N123U3-0150- CM | 2.2 |
| | | **QS-LF123U023-08B** | .250 | .500 | .500 | .500 | .500 | 2.750 | .787 | N123U3-0150- CM | 2.2 |
| | | **QS-LF123U023-10B** | .250 | .625 | .625 | .625 | .625 | 2.750 | .787 | N123U3-0150- CM | 2.2 |

1) Para que corresponda con el tamaño de alojamiento de la plaquita.

2) Par torsor de la plaquita Nm

3) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

Cuñas y topes QS, ver página A233.

T = Plaquita de corte a derecha, U = Plaquita de corte a izquierda.

## Piezas de repuesto principales

| Tamaño de mango | | | | |
|---|---|---|---|---|
| Métrica | Pulgadas | Tornillo | Llave (Torx Plus) | Para tornillo de la parte inferior del portaplaquitas Destornillador (Torx Plus) [1] |
| 1010 | 06 | 5513 020-63 | 5680 049-02 (15IP) | 5680 046-01 (8IP) |
| 1212-1616 | 08-10 | 5513 020-62 | 5680 049-02 (15IP) | 5680 046-01 (8IP) |

1) Los accesorios deben pedirse por separado

B6

G6

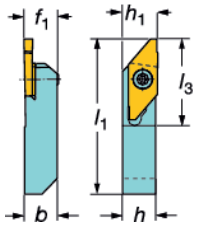
J2

# Porta versión corta para el sistema de sujeción QS™

**Torneado, tronzado y ranurado, y roscado**

**CoroCut® XS diseño de sujeción por tornillo**

**QS- SMALR/L**




A derechas en la ilustración

**Versión métrica**

| Tamaño de asiento[3] | Código de pedido | Dimensiones, mm $b$ | $f_1$ | $h$ | $h_1$ | $l_1$ | $l_3$ | Plaquitas calibradoras | Nm[1] |
|---|---|---|---|---|---|---|---|---|---|
| 03 | QS-SMALR/L 1010E3 | 10 | 10.0 | 10 | 10 | 70 | 27.0 | MAxL 3.. | 1.2 |
| | QS-SMALR/L 1212E3 | 12 | 12.0 | 12 | 12 | 70 | 27.0 | MAxL 3.. | 1.2 |
| | QS-SMALR/L 1616E3 | 16 | 16.0 | 16 | 16 | 70 | 27.0 | MAxL 3.. | 1.2 |

**Versión en pulgadas**

| Tamaño de asiento3) | Código de pedido | Dimensiones, pulgadas $b$ | $f_1$ | $h$ | $h_1$ | $l_1$ | $l_3$ | Plaquitas calibradoras | pies-lbs[2] |
|---|---|---|---|---|---|---|---|---|---|
| 3 | QS-SMALR 083X | .500 | .500 | .500 | .500 | 2.756 | 1.063 | MAxR 3.. | 0.9 |
| | QS-SMALR 103X | .625 | .625 | .625 | .625 | 2.756 | 1.063 | MAxR 3.. | 0.9 |

1) Par torsor de la plaquita Nm

2) Par de apriete de la plaquita, ft-lbs.

3) Para que corresponda con el tamaño de alojamiento del portaplaquitas.

R = A Derecha, L = A Izquierda

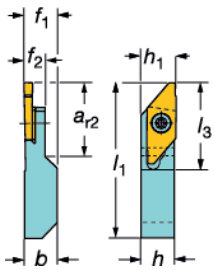
Cuñas y topes QS, ver página A233.

# Porta versión corta para el sistema de sujeción QS™

**Portaplaquitas para corte con cabezal secundario**

**CoroCut® XS diseño de sujeción por tornillo**

**QS- SMALR-X**




A derechas en la ilustración

**Versión métrica**

| Tamaño de asiento[3] | Código de pedido | Dimensiones, mm $a_{r2}$ | $b$ | $f_1$ | $f_2$ | $h$ | $h_1$ | $l_1$ | $l_3$ | Plaquitas calibradoras | Nm[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 03 | QS-SMALR 1010E-X | 20 | 10 | 10 | 7.5 | 10 | 10 | 70 | 27 | MAxR 3.. | 1.2 |
| | QS-SMALR 1212E-X | 20 | 12 | 12 | 7.5 | 12 | 12 | 70 | 27 | MAxR 3.. | 1.2 |

**Versión en pulgadas**

| Tamaño de asiento[3] | Código de pedido | Dimensiones, pulgadas $a_{r2}$ | $b$ | $f_1$ | $f_2$ | $h$ | $h_1$ | $l_1$ | $l_3$ | Plaquitas calibradoras | pies-lbs[2] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | QS-SMALR 083X-X | .787 | .500 | .500 | .323 | .500 | .500 | 2.756 | 1.063 | MAxR 3.. | 0.9 |

1) Par torsor de la plaquita Nm

2) Par de apriete de la plaquita, ft-lbs.

3) Para que corresponda con el tamaño de alojamiento del portaplaquitas.

R = A derecha

Cuñas y topes QS, ver página A233.

**Piezas de repuesto principales**

| Tipo de mango Métrica | Pulgadas | Tornillo | Llave (Torx Plus) |
|---|---|---|---|
| SMALR E3X | SMALR X | 5513 027-01 | 5680 046-01 (8IP) |
| SMALR EX-X | SMALR X-X | 5513 027-02 | 5680 046-01 (8IP) |

B90

G6

J2



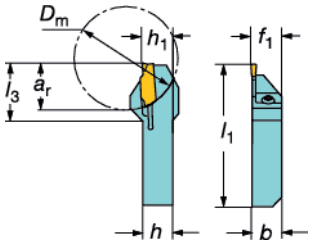
SANDVIK Coromant

# Porta versión corta para el sistema de sujeción QS™

**Tronzado y ranurado**

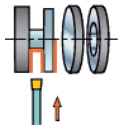
**CoroCut® 1 y 2 filos, diseño de sujeción por tornillo**

**QS-R/LF123**




Nota: Cuando utilice la plaquita CoroCut® de dos filos, el $a_r$ de la plaquita da una profundidad de corte máxima.

## Versión métrica

| Aplicación principal | Tamaño del alojamiento[2] | Código de pedido | Dimensiones, mm $D_m$ máx. | $a_r$[1] | $b$ | $f_1$ | $h$ | $h_1$ | $l_1$ | $l_3$ | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | D | **QS-R/LF123D10-1010B** | 20 | 10 | 10 | 10.15 | 10 | 10 | 70 | 18.0 | N123D2-0150- CM | 2.5 |
| | | **QS-R/LF123D11-1212B** | 22 | 11 | 12 | 12.15 | 12 | 12 | 70 | 20.0 | N123D2-0150- CM | 2.5 |
| | | **QS-R/LF123D08-1616B** | 16 | 8 | 16 | 16.0 | 16 | 16 | 70 | 19.6 | N123D2-0150- CM | 2.5 |
| | | **QS-R/LF123D17-1616B** | 34 | 17 | 16 | 16.0 | 16 | 16 | 70 | 28.6 | N123D2-0150- CM | 2.5 |
| | E | **QS-R/LF123E10-1010B** | 20 | 10 | 10 | 10.15 | 10 | 10 | 70 | 21.0 | N123E2-0200- CM | 2.5 |
| | | **QS-R/LF123E11-1212B** | 22 | 11 | 12 | 12.15 | 12 | 12 | 70 | 21.0 | N123E2-0200- CM | 2.5 |
| | | **QS-R/LF123E11-1616B** | 22 | 11 | 16 | 16.0 | 16 | 16 | 70 | 22.6 | N123E2-0200- CM | 2.5 |
| | | **QS-R/LF123E17-1616B** | 34 | 17 | 16 | 16.15 | 16 | 16 | 70 | 26.0 | N123E2-0200- CM | 2.5 |
| | F | **QS-R/LF123F10-1010B** | 20 | 10 | 10 | 10.0 | 10 | 10 | 70 | 21.6 | N123F2-0250- CM | 2.5 |
| | | **QS-R/LF123F15-1212B** | 30 | 15 | 12 | 12.0 | 12 | 12 | 70 | 20.0 | N123F2-0250- CM | 2.5 |
| | | **QS-R/LF123F17-1616B** | 34 | 17 | 16 | 16.15 | 16 | 16 | 70 | 26.0 | N123F2-0250- CM | 2.5 |
| | G | **QS-R/LF123G17-1616B** | 34 | 17 | 16 | 16.0 | 16 | 16 | 70 | 28.6 | N123G2-0300-CM | 2.5 |

## Versión en pulgadas

| Aplicación principal | Tamaño del alojamiento[2] | Código de pedido | Dimensiones, pulgadas $D_m$ máx. | $a_r$[1] | $b$ | $f_1$ | $h$ | $h_1$ | $l_1$ | $l_3$ | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D | **QS-R/LF123D039-06B** | .787 | .375 | .375 | .381 | .375 | .375 | 2.756 | .709 | N123D2-0150- CM | 1.8 |
| | | **QS-R/LF123D043-08B** | .866 | .433 | .500 | .506 | .500 | .500 | 2.756 | .787 | N123D2-0150- CM | 1.8 |
| | | **QS-R/LF123D032-10B** | .640 | .320 | .625 | .625 | .625 | .625 | 2.756 | .777 | N123D2-0150- CM | 1.8 |
| | | **QS-R/LF123D067-10B** | 1.340 | .670 | .625 | .625 | .625 | .625 | 2.756 | 1.127 | N123D2-0150- CM | 1.8 |
| | E | **QS-R/LF123E039-06B** | .787 | .394 | .375 | .381 | .375 | .375 | 2.756 | .827 | N123E2-0200- CM | 1.8 |
| | | **QS-R/LF123E043-08B** | .866 | .433 | .500 | .506 | .500 | .500 | 2.756 | .827 | N123E2-0200- CM | 1.8 |
| | | **QS-R/LF123E043-10B** | .860 | .430 | .625 | .625 | .625 | .625 | 2.756 | .887 | N123E2-0200- CM | 1.8 |
| | | **QS-R/LF123E067-10B** | 1.339 | .669 | .625 | .631 | .625 | .625 | 2.756 | 1.024 | N123E2-0200- CM | 1.8 |
| | F | **QS-R/LF123F039-06B** | .780 | .390 | .375 | .375 | .375 | .375 | 2.756 | .847 | N123F2-0250- CM | 1.8 |
| | | **QS-R/LF123F059-08B** | 1.180 | .590 | .500 | .500 | .500 | .500 | 2.756 | 1.047 | N123F2-0250- CM | 1.8 |
| | G | **QS-R/LF123G067-10B** | 1.340 | .670 | .625 | .625 | .625 | .625 | 2.756 | 1.126 | N123G2-0300-CM | 1.8 |

1) $a_r$ máx. para portaherramientas. Para obtener la máxima estabilidad, elija un portaplaquitas con el valor $a_r$ más pequeño posible.

R = A Derecha, L = A Izquierda

2) Para que corresponda con el tamaño de alojamiento de la plaquita.

3) Par torsor de la plaquita Nm

4) Par de apriete de la plaquita, ft-lbs.

Cuñas y topes QS, ver página A233.

## Piezas de repuesto principales

| Tamaño de asiento | Tamaño de mango | | | |
|---|---|---|---|---|
| | Métrica | Pulgadas | Tornillo | Llave (Torx Plus) |
| D, E, F, | 1010 | 3/8 | 5513 021-07 | 5680 043-13 (15IP) |
| D, E, F, G | 1212-1616 | 1/2-5/8 | 5513 021-04 | 5680 043-13 (15IP) |

B16

G6

J2

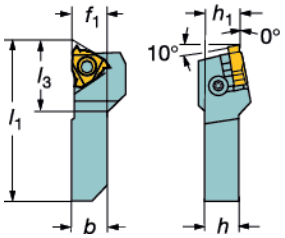
# Porta versión corta para el sistema de sujeción QS™

**Roscado**

**Diseño de sujeción por tornillo**

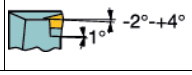
266 R/LG

**QS-266RFA**



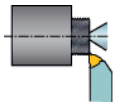
x y z, consulte las tablas de penetración en las páginas C70.

A derechas en la ilustración

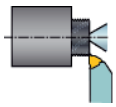
| △ | *iC* | Ángulo de inclinación con distintas placas de apoyo, véase página C45. |
|---|---|---|
| 16 | 3/8 |  |



## Versión métrica

| Aplicación principal | Tamaño de plaquita △ | Código de pedido | Calidades Coromant *b* | *f*1 | *h* | *h*1 | *l*1 | *l*3 | Nm[1] |
|---|---|---|---|---|---|---|---|---|---|
|  | 16 | **QS-266RFA-1010-16** | 10 | 10 | 10 | 10 | 70 | 19.8 | 3.0 |
| | | **QS-266RFA-1212-16** | 12 | 12 | 12 | 12 | 70 | 21.3 | 3.0 |
| | | **QS-266RFA-1616-16** | 16 | 16 | 16 | 16 | 70 | 23.3 | 3.0 |

## Versión en pulgadas

| Aplicación principal | Tamaño de plaquita *iC* | Código de pedido | Dimensiones, pulgadas *b* | *f*1 | *h* | *h*1 | *l*1 | *l*3 | ft-lbs[2] |
|---|---|---|---|---|---|---|---|---|---|
|  | 3/8 | **QS-266RFA-063** | .375 | .375 | .375 | .375 | 2.756 | .780 | 1.3 |
| | | **QS-266RFA-083** | .500 | .500 | .500 | .500 | 2.756 | .839 | 1.3 |
| | | **QS-266RFA-103** | .625 | .625 | .625 | .625 | 2.756 | .917 | 1.3 |

[1] Par torsor de la plaquita Nm

[2] Par de apriete de la plaquita, ft-lbs.

R = A derecha

Paradas QS en la página A233.

## Piezas de repuesto principales

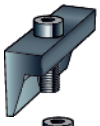
| **Tamaño de plaquita** △ | *iC* | Tornillo de plaquita | Llave (Torx Plus) | Placa de apoyo para portaplaquitas exterior a derecha Ángulo de inclinación +1° [2] | Placa de apoyo para portaplaquitas exterior a izquierda Ángulo de inclinación +1° [2] | Tornillo de la placa de apoyo |
|---|---|---|---|---|---|---|
| 16 | 3/8 | 5513 020-13 | 5680 049-05 (15IP/10IP) | 5322 389-11 | 5322 390-11 | 5512 032-05 |

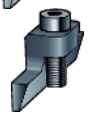
[2] Para placas de apoyo opcionales, ver página C45.

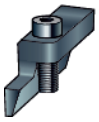
C11 G6 J2

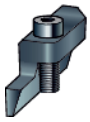
# Cuña para sistema de soporte QS™

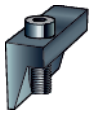
**Citizen/Star/Nexturn**

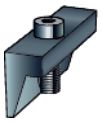

QS-10

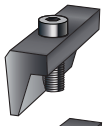

QS-20

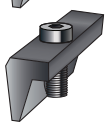

QS-30, QS-31,
QS-30A, QS-31A

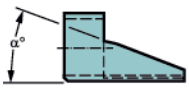

QS-40, QS-40A

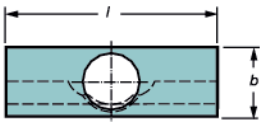

QS-351


QS-352


QS-230, QS230A


QS-240

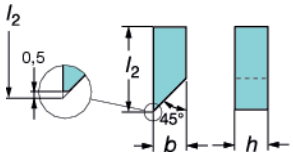



| Tipo de máquina | Código de pedido | Dimensiones, mm, pulgadas l | b | α |
|---|---|---|---|---|
| Citizen | **Métrica** | | | |
| | **QS-10** | 20 | 7 | 17° |
| | **QS-20** | 37 | 9.9 | 22° |
| | **QS-30** | 32 | 12 | 22° |
| | **QS-31** | 32 | 11.3 | 22° |
| | **QS-40** | 29 | 13.5 | 22° |
| | **Pulgadas** | | | |
| | **QS-30A** | 1.260 | .472 | 22° |
| | **QS-31A** | 1.260 | .445 | 22° |
| | **QS-40A** | 1.142 | .531 | 22° |
| Star | **QS-351** | 30 | 13.5 | 24°20’ |
| | **QS-352** | 35 | 13.5 | 24°20’ |
| Nexturn | **Métrica** | | | |
| | **QS-230** | 28 | 12.5 | 14°40’ |
| | **QS-240** | 28 | 13.7 | 14°40’ |
| | **Pulgadas** | | | |
| | **QS-230A** | 1.102 | .465 | 14°40’ |

# Parada para sistema de sujeción QS™

**Citizen/Star/Nexturn**



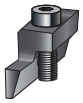

| Código de pedido | For shank size mm, inch | Dimensiones, mm, pulgadas b | h | l2 |
|---|---|---|---|---|
| **Métrica** | | | | |
| **QS-0808** | 0808 | 8 | 8 | 40 |
| **QS-1010** | 1010 | 10 | 10 | 51 |
| **QS-1212** | 1212 | 12 | 12 | 51 |
| **QS-1616** | 1616 | 16 | 16 | 51 |
| **Pulgadas** | | | | |
| **QS-A06** | 3/8 | .375 | .375 | 2.000 |
| **QS-A08** | 1/2 | .500 | .500 | 2.000 |
| **QS-A10** | 5/8 | .625 | .625 | 2.000 |

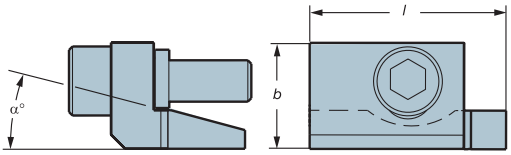
# Cuña y tope para el sistema de sujeción QS™

**Tsugami/Tornos**

**Cuña**

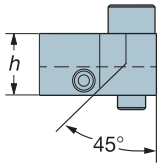
QS-130

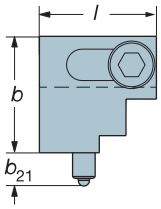





**Tope**

QS-130-12
QS-130-16




| Código de pedido<br>Cuña | Dimensiones, milímetros, pulgadas (mm, pulg.)<br>*b*<br>mm | *b*<br>pulg. | *l*<br>mm | *l*<br>pulg. | $\alpha$ |
|---|---|---|---|---|---|
| Métrica | | | | | |
| QS-130 | 15.1 | .594 | 28.0 | 1.102 | 15° |

| Código de pedido<br>Tope | Tamaño de mango<br>mm (pulgadas) | Dimensiones, milímetros, pulgadas (mm, pulg.)<br>*b*<br>mm | *b*<br>pulg. | $b_{21}$<br>mm | $b_{21}$<br>in. | *h*<br>mm | *h*<br>in. |
|---|---|---|---|---|---|---|---|
| Métrica | | | | | | | |
| QS-130-12 | 1212 (1/2") | 24.5 | .965 | 3.1 | .122 | 13.0 | .512 |
| QS-130-16 | 1616 (5/8") | 24.5 | .965 | 7.0 | .276 | 13.0 | .512 |

# TORNEADO GENERAL

## Mangos para mecanizado interior


Introducción A244
Información general sobre portaplaquitas A236
Clave de códigos A242

**Portaplaquitas para plaquitas con forma básica negativa**
CoroTurn® RC, sujeción rígida, unidades de corte Coromant Capto A245
CoroTurn® RC, sujeción rígida, barras para mandrinar A253
Sujeción por palanca T-Max® P, unidades de corte Coromant Capto A247
T-Max® P, sujeción por palanca, barras para mandrinar A257
T-Max® P, sujeción por cuña, unidades de corte Coromant Capto A250
T-Max® P, sujeción por cuña, soportes con mango A259
T-Max® P, sujeción superior, soportes con mango A261

**Mangos para plaquitas con forma básica positiva**
CoroTurn® 107 - 7° de ángulo de incidencia, unidades de corte Coromant Capto A264
CoroTurn® 107 - 7° de ángulo de incidencia, barras para mandrinar A270
CoroTurn® 111, 11° de ángulo de incidencia, barras para mandrinar A293

**Sistema flexible CoroTurn® SL** I1

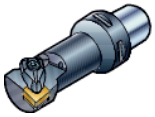
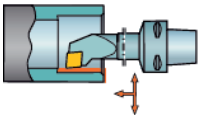
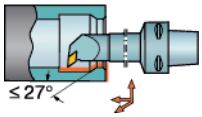
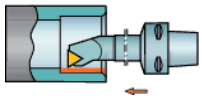
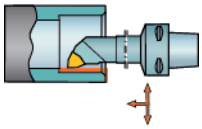
**Herramientas para mecanizado de piezas pequeñas**
CoroTurn® XS, hasta 0,3 mm A309
Plaquitas A312
CoroCut® MB, mini-barras B95
Portaherramientas A327

**Manguitos para barras cilíndricas**
EasyFix A304

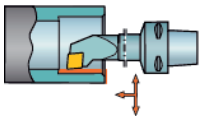
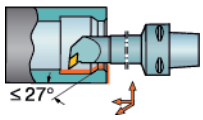
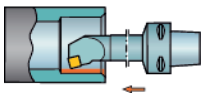
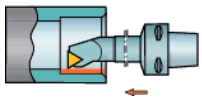

## Piezas de repuesto

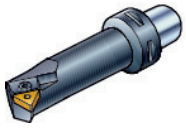
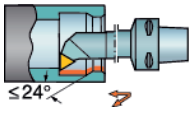

A351
Llaves dinamométricas A352

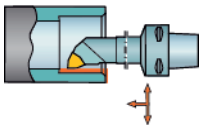
## Barras para mandrinar Coromant Capto y convencionales

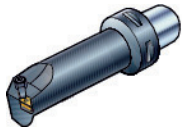
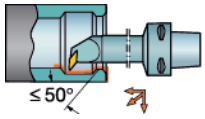
| CoroTurn® RC diseño de sujeción rígida | Ángulo de posición (ángulo de avance) | | | |
|---|---|---|---|---|
|  | $\kappa_r$ 95° (-5° )  | $\kappa_r$ 93° (-3° )   | $\kappa_r$ 91° (-1° )  | $\kappa_r$ 95° (-5° )  |
| | | | | |
| | **DCLNR/L** | **DDUNR/L** | **DTFNR/L** | **DWLNR/L** |
| Tamaño de placa, mm (*iC* pulgadas) | 09-16 (3/8-5/8) | 11-15 (3/8-1/2) | 16 (3/8) | 06-08 (3/8-1/2) |
| Diámetro de barra mm, (pulgadas) | 20-40 (.787-1.575) | 25-40 (.984-1.575) | 25 (.984) | 20-25 (1.787-984) |
| Página | A245 | A245 | A246 | A246 |

## Barras para mandrinar Coromant Capto y convencionales

| Diseño de palanca T-Max P | Ángulo de posición (ángulo de avance) | | | |
|---|---|---|---|---|
| | $\kappa_r$ 95° (-5° )  | $\kappa_r$ 93° (-3° )   | $\kappa_r$ 75° (15° )  | $\kappa$r 91° (-1° )  |
| | | | | |
| | **PCLNR/L** | **PDUNR/L** | **PSKNR/L** | **PTFNR/L** |
| Tamaño de placa, mm (*iC* pulgadas) | 06-09 (3/8-5/8) | 11-15 (3/8-1/2) | 12-16 (1/2-5/8) | 11 (1/4) |
| Diámetro de barra mm, (pulgadas) | 20-50 (.787-1.969) | 25-50 (.984-1.969) | 25-50 (.984-1.968) | 20 (.787) |
| Página | A247 | A248 | A249 | A249 |

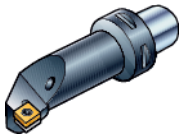
| Diseño con cuña T-Max P | Ángulo de posición (ángulo de avance) |
|---|---|
|  | $\kappa_r$ 91° (-1°)  |
| | **PTFNR/L-W** |
| Tamaño de placa, mm (*iC* pulgadas) | 16-22 (3/8-1/2) |
| Diámetro de barra mm, (pulgadas) | 25-50 (.984-1.969) |
| Página | A250 |

| Diseño de sujeción con cuña T-Max P | Ángulo de posición (ángulo de avance) |
|---|---|
| | $\kappa_r$ 95° (-5°)  |
| | **MWLNR/L** |
| Tamaño de plaquita, mm, (pulgadas) | 06-08 (3/8-1/2) |
| Diámetro de barra mm, (pulgadas) | 20-40 (.787-1.575) |
| Página | A251 |

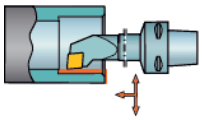
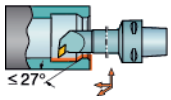
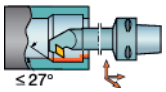
| Diseño de sujeción superior con excéntrica y brida superior T-Max P | Ángulo de posición (ángulo de avance) |
|---|---|
|  | $\kappa$r 93° (-3°)  |
| | **MVUNR/L** |
| Tamaño de plaquita, mm, (pulgadas) | 16 (3/8) |
| Diámetro de barra mm, (pulgadas) | 32-50 (1.260-1.969) |
| Página | A252 |

## Unidades de corte Coromant Capto® para plaquitas positivas

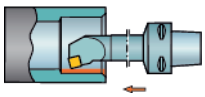
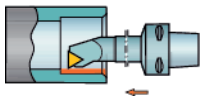
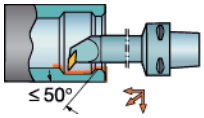
**Diseño de sujeción por tornillo CoroTurn® 107**



**Ángulo de posición (ángulo de avance)**

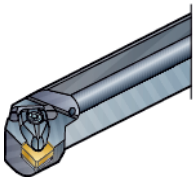
| | $\kappa_r$ 95° (-5° ) | $\kappa_r$ 93° (-3° ) | $\kappa_r$ 93° (-3° ) Mandrinado a tracción |
|---|---|---|---|
| |  |  |  |
| | | | |
| | **SCLCR/L** | **SDUCR/L** | **SDUCR/L-X** |
| Tamaño de placa, mm (*iC* pulgadas) | 09-12 (3/8-1/2) | 07-11 (1/4-3/8) | 07 (1/4) |
| Diámetro de barra mm, (pulgadas) | 16-50 (.630-1.969) | 16-50 (.630-1.969) | 16-25 (.630-.984) |
| Página | A264 | A265 | A265 |

**Ángulo de posición (ángulo de avance)**

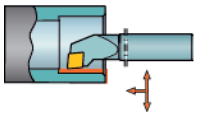
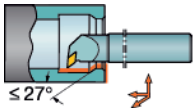
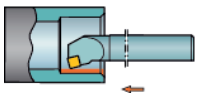
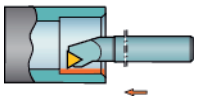
| | $\kappa_r$ 75° (15°) | $\kappa_r$ 91° (-1°) | $\kappa_r$ 107.5° (-17.5°) |
|---|---|---|---|
| |  |  |  |
| | | | |
| | **SSKCR/L** | **STFCR/L** | **SVQBR/L** |
| Tamaño de placa, mm (*iC* pulgadas) | 09-12 (3/8-1/2 ) | 11-16 (1/4-3/8) | 11-16 (1/4-3/8) |
| Diámetro de barra mm, (pulgadas) | 20-32 (.787-1.260) | 16-32 (.630-1.260) | 16-30 (.630-1.969) |
| Página | A266 | A267 | A268 |

## Barras de mandrinar para plaquitas negativas

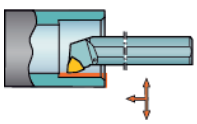
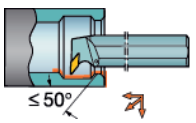
**CoroTurn® RC diseño de sujeción rígida**



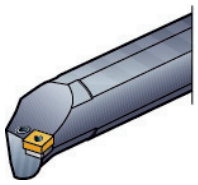
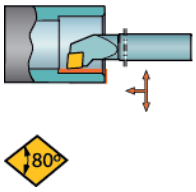
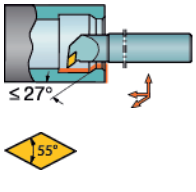
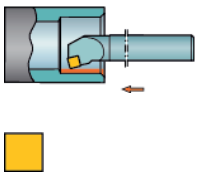
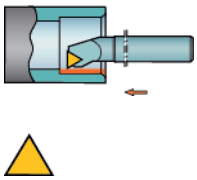
**Ángulo de posición (ángulo de avance)**

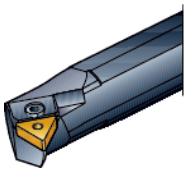
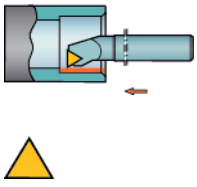
| | $\kappa_r$ 95° (-5° ) | $\kappa_r$ 93° (-3° ) | $\kappa_r$ 75° (15° ) | $\kappa_r$ 91° (-1° ) |
|---|---|---|---|---|
| |  |  |  |  |
| | | | | |
| | **DCLNR/L** | **DDUNR/L** | **DSKNR/L** | **DTFNR/L** |
| Tamaño de placa, mm (*iC* pulgadas) | 09-16 (3/8-5/8) | 11-15 (3/8-1/2) | 09-12 (3/8-1/2) | 09-22 (3/8-1/2) |
| Diámetro de barra, mm | 25-50 | 25-50 | 25-40 | 25-50 |
| Diámetro de la barra, pulg. | .750-2.500 | .750-2.500 | 1.000-1.500 | .750-2.000 |
| Página | A253 | A254 | A255 | A255 |

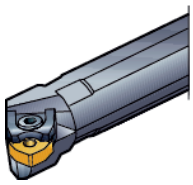
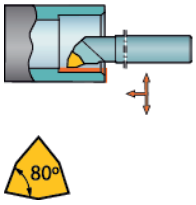
**Ángulo de posición (ángulo de avance)**

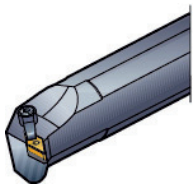
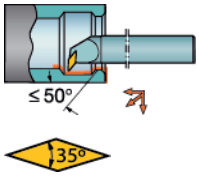
| | $\kappa_r$ 95° (-5° ) | $\kappa_r$ 93° (-3° ) |
|---|---|---|
| |  |  |
| | | |
| | **DWLNR/L** | **DVUNR/L** |
| Tamaño de placa, mm (*iC* pulgadas) | 06-08 (3/8-1/2) | 16 (3/8) |
| Diámetro de barra, mm | 25-50 | 40 |
| Diámetro de la barra, pulg. | 1.000-2.000 | 1.500 |
| Página | A256 | A256 |

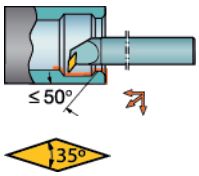
## Barras de mandrinar para plaquitas negativas

| Diseño de palanca T-Max P | Ángulo de posición (ángulo de avance) | | | |
|---|---|---|---|---|
| | $\kappa_r$ 95° (-5° ) | $\kappa_r$ 93° (-3° ) | $\kappa_r$ 75° (15° ) | $\kappa_r$ 91° (-1° ) |
|  |   |   |  |  |
| | **PCLNR/L** | **PDUNR/L** | **PSKNR/L** | **PTFNR/L** |
| Tamaño de plaquita, mm, (pulgadas) | 09-19 (3/8-3/4) | 11-15 (3/8-1/2) | 12 (1/2) | 11 (1/4) |
| Diámetro de barra, mm | 16-50 | 25-50 | 25-40 | 16-25 |
| Página | A257 | A258 | A258 | A259 |

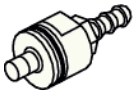
| Diseño con cuña T-Max P | Ángulo de posición (ángulo de avance) |
|---|---|
| | $\kappa_r$ 91° (-1°) |
|  |  |
| | **PTFNR/L-W** |
| Tamaño de placa, mm (*iC* pulgadas) | 16-22 (3/8-1/2) |
| Diámetro de barra, mm | 25-50 |
| Página | A259 |

| Diseño de sujeción con cuña T-Max P | Ángulo de posición (ángulo de avance) |
|---|---|
| | $\kappa_r$ 95° (-5°) |
|  |   |
| | **MWLNR/L** |
| Tamaño de placa, mm (*iC* pulgadas) | 06-08 (3/8-1/2) |
| Diámetro de barra, mm | 20-50 |
| Diámetro de la barra, pulg. | 1.000-2.000 |
| Página | A260 |

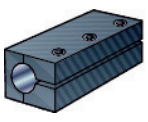
| Diseño de sujeción superior con excéntrica y brida superior T-Max P | Ángulo de posición (ángulo de avance) |
|---|---|
| | $\kappa$r 93° (-3°) |
|  |   |
| | **MVUNR/L** |
| Tamaño de placa, mm (*iC* pulgadas) | 16 (3/8) |
| Diámetro de barra, mm | 40 |
| Página | A261 |

| T-Max M, brida superior | Ángulo de posición (ángulo de avance) |
|---|---|
| | $\kappa_r$ 93° (-3°) |
| |   |
| | **R/LVMJN** |
| Tamaño de placa, mm (*iC* pulgadas) | 16 (3/8) |
| Diámetro de la barra, pulg. | 1.250-1.500 |
| Página | A261 |

## Accesorios

| Accesorios para suministro de refrigerante | Conector de refrigerante | Boquilla de refrigerante |
|---|---|---|
| |  | |
| Página | Para barras de mandrinar<br>A308 | Para unidades de corte Coromant Capto<br>A308 |

## Accesorios

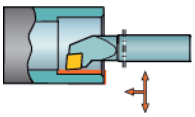
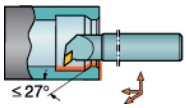
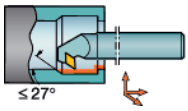
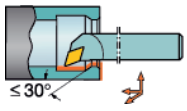
| Manguito para barras de mandrinar cilíndricas | EasyFix | | |
|---|---|---|---|
| |  | | |
| Diámetro de la barra, mm (pulgadas) | 131<br>5-25 (.187-.750) | 132<br>5-25 (.187-.1000) | 132 N<br>6-32 (.250-1.250) |
| Página | A305 | A305 | A307 |

## Barras de mandrinar para plaquitas positivas

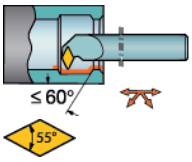
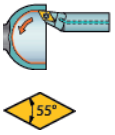
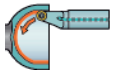
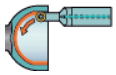
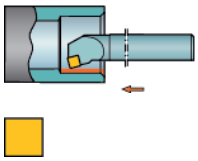
**Diseño de sujeción por tornillo CoroTurn® 107**

**Ángulo de posición (ángulo de**

Mandrinado a tracción

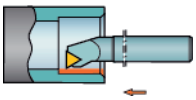
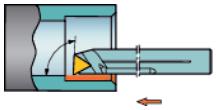
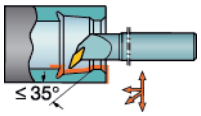
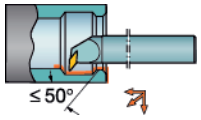
| | $\kappa_r$ 95° (-5° ) | $\kappa_r$ 93° (-3° ) | | | $\kappa_r$ 93° (-3° ) | $\kappa_r$ 107.5° (-17.5° ) |
|---|---|---|---|---|---|---|
| |  |  | | |  |  |
| | SCLCR/L | SDUCR/L | | | SDUCR/L-X | SDQCR/L |
| | Mango de acero | Mango de acero | Mango de metal duro | Mango antivibratorio de metal duro | Mango de acero | Mango de acero |
| Tamaño de plaquita, mm, (pulgadas) | 06-12 (1/4-1/2) | 07-11 (1/4-3/8) | 07 (1/4) | 07 (1/4) | 07-11 (1/4-3/8) | 07-11 (1/4-3/8) |
| Diámetro de barra, mm | 8-40 | 10-25 | 10-16 | 10-12 | 16-32 | 10-20 |
| Diámetro de la barra, pulg. | .375-1.500 | .375-1.250 | .375-1.500 | – | .750-1.250 | .375-.750 |
| Página | A270 | A271 | A271 | A272 | A272 | A273 |

**Ángulo de posición (ángulo de avance)**

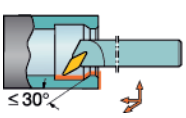
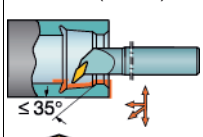
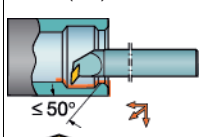
| | $\kappa_r$ 62.5° (27.5°) | $k_r$ 120° (-3°) | - | - | $\kappa_r$ 75° (15°) |
|---|---|---|---|---|---|
| |  |  |  |  |  |
| | SDXCR/L | SDXCR/L | SRDXCR/L | SRDDN | SSKCR/L |
| Tamaño de plaquita, mm, (pulgadas) | 07-11 (1/4-3/8) | 07-11 (1/4-3/8) | 08-10 | 08 | 09-12 (3/8-1/2) |
| Diámetro de barra, mm | 12-20 | 16-20 | 20 | 16 | 16-32 |
| Diámetro de la barra, pulg. | .500-1.000 | .625-.750 | .750 | .625 | - |
| Página | A274 | A278 | A279 | A279 | A281 |

**Diseño de sujeción por tornillo CoroTurn® 107**

**Ángulo de posición (ángulo de avance)**

| | $\kappa_r$ 91° (-1°) | | $\kappa_r$ 93° (-3°) | $\kappa_r$ 107.5° (-17.5)° | $\kappa_r$ 93° (-3°) |
|---|---|---|---|---|---|
| |  | |  |  |  |
| | STFCR/L | | STUCR/L | SVQBR/L | SVUBR/L |
| | Mango de acero | Mango de metal duro | Mango antivibratorio de metal duro | Mango de acero | Mango de acero |
| Tamaño de plaquita, mm, (pulgadas) | 06-16 (5/32-3/8) | 06-16 (5/32-3/8) | 09 | 05-06 (1/8-5/32) | 16 (1/4-3/8) | 11-16 (1/4-3/8) |
| Diámetro de barra, mm | 6-40 | 6-16 | 10-12 | 5-10 | 16-40 | 16-40 |
| Diámetro de la barra, pulg. | .375-1.500 | .250-1.000 | – | - | 1.000-1.500 | .625-2.000 |
| Página | A282 | A282 | A282 | A286 | A287 | A287 |

**Ángulo de posición (ángulo de avance)**

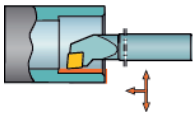
| | $\kappa_r$ 117.5° (-27.5° ) | $\kappa_r$ 107.5° (-17.5°) | | $\kappa_r$ 93° (-3°) | |
|---|---|---|---|---|---|
| |  |  | |  | |
| | SVPBR/L | SVQCR/L | | SVUCR/L | |
| | | Mango de acero | Con refuerzo de metal duro | Mango de acero | Mango de metal duro |
| Tamaño de plaquita, mm, (pulgadas) | 16 (3/8) | 11 (1/4) | 11 (1/4) | 11 (1/4) | 11 (1/4) |
| Diámetro de barra, mm | 16-40 | 16 | 16 | 16 | 16 |
| Diámetro de la barra, pulg. | 1.000-1.500 | .625 | .625 | .625 | .625 |
| Página | A289 | A288 | A288 | A288 | A288 |

## Barras de mandrinar para plaquitas positivas

**Diseño de sujeción por tornillo CoroTurn® 111**

### Ángulo de posición (ángulo de avance)

$\kappa_r$ 95° (-5° )

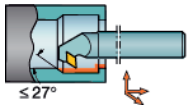


**SCLPR/L**

| | Mango de acero | Mango de metal duro |
|---|---|---|
| Tamaño de plaquita, mm, (pulgadas) | 06 (1/4) | 06 (1/4) |
| Diámetro de barra, mm | 8-12 | 8-12 |
| Diámetro de la barra, pulg. | .312-.500 | .312-.500 |
| Página | A293 | A293 |

### Mandrinado a tracción

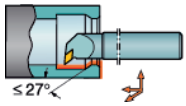
$\kappa_r$ 93° (-3°)



**SDUPR/L-X**

| | Mango de acero | Mango de metal duro |
|---|---|---|
| Tamaño de plaquita, mm, (pulgadas) | 07 (1/4) | 07 (1/4) |
| Diámetro de barra, mm | 16 | 16 |
| Diámetro de la barra, pulg. | .625 | .625 |
| Página | A295 | A295 |

$\kappa_r$ 93° (-3°)



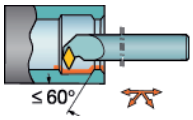
**SDUPR/L**

Silent Tools®

| | Mango de acero | Mango de metal duro | Mango antivibratorio de metal duro |
|---|---|---|---|
| Tamaño de plaquita, mm, (pulgadas) | 07-11 (1/4-3/8) | 07 (1/4) | 07 (1/4) |
| Diámetro de barra, mm | 10-25 | 10-16 | 10-12 |
| Diámetro de la barra, pulg. | .375-1.000 | .312-.500 | .375-.500 |
| Página | A296 | A296 | A296 |

### Ángulo de posición (ángulo de avance)

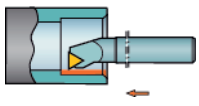
$\kappa_r$ 63° (27°)



**SDXPR/L**

| | Mango de acero |
|---|---|
| Tamaño de plaquita, mm, (pulgadas) | 07 (1/4) |
| Diámetro de barra, mm | 16 |
| Diámetro de la barra, pulg. | .625 |
| Página | A297 |

$\kappa_r$ 91° (-1°)



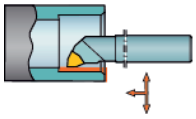
**STFPR/L**

Silent Tools®

| | Mango de acero | Mango de metal duro | Mango antivibratorio de metal duro |
|---|---|---|---|
| Tamaño de plaquita, mm, (pulgadas) | 6-16 (5/32-3/8) | 6-11 (5/32-1/4) | |
| Diámetro de barra, mm | 6-25 | 6-16 | 10-12 |
| Diámetro de la barra, pulg. | .250-1.000 | .250-.625 | .375-.500 |
| Página | A299 | A299 | A299 |

### Ángulo de posición (ángulo de avance)

$\kappa_r$ 95° (-5° )

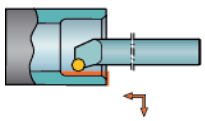


**SWLPR/L**

| | Mango de acero | Mango de metal duro |
|---|---|---|
| Tamaño de plaquita, mm, (pulgadas) | 02-04 (5/32-1/2) | 02-04 (5/32-1/2) |
| Diámetro de barra, mm | 5-12 | 5-12 |
| Diámetro de la barra, pulg. | .187-.500 | .187-.500 |
| Página | A301 | A301 |

### T-Max® sujeción por brida superior para plaquitas de cerámica

| | |
|---|---|
| Tamaño de plaquita, mm, (pulgadas) | |
| Diámetro de barra, mm | |
| Página | |

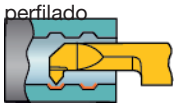
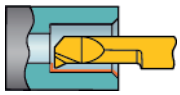
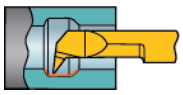
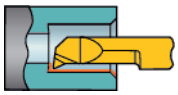


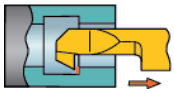
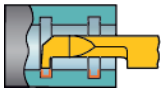
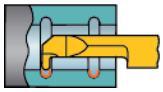
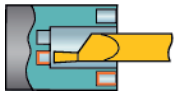
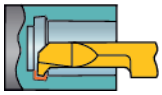
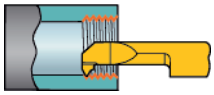
**CRSPR/L** **CRSNR/L**

| | Mango de acero | Mango de acero |
|---|---|---|
| Tamaño de plaquita, mm, (pulgadas) | 09 (3/8) | 12 (1/2) |
| Diámetro de barra, mm | 25 | 40 |
| Página | A303 | A303 |

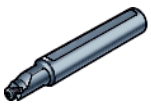
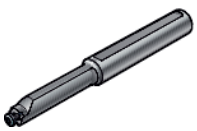
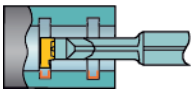
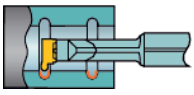
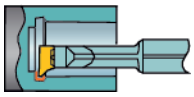
# Herramientas para mecanizado de piezas pequeñas

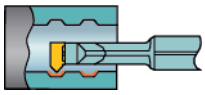
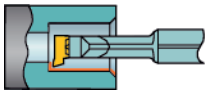
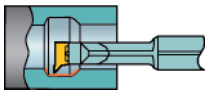
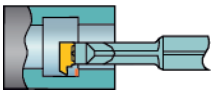
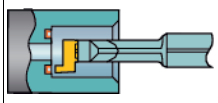
## Herramientas y plaquitas CoroTurn XS

| **CoroTurn® XS** | **Barra de mandrinar** | **Plaquitas** | | | |
|---|---|---|---|---|---|
| | | **Ángulo de posición (ángulo de avance)** | | | |
| | | 45° (45°) | 90° (0°) | 98° (-8°) | 98° (-8°) |
| | | Cilindrado/ perfilado | Torneado | Copiado | Torneado |
| | |  |  |  |  |
| | **CXS** | **CXS T045** | **CXS T090** | **CXS TE98** | **CXS T098** |
| Diámetro de barra, mm | 10-28 | | | | |
| Diámetro de la barra, pulg. | .500-1.000 | | | | |
| Tamaño de plaquita | | 05-07 | 04-05 | 04-06 | 04-07 |
| Página | A325 | A31 | A312 | A316 | A31 |

| **Plaquitas** 90° (0°) | | | | | |
|---|---|---|---|---|---|
| **Mandrinado a tracción** | **Ranurado** | **Perfilado** | **Ranurado frontal** | **Pre-tronzado** | **Roscado** |
|  |  |  |  |  |  |
| **CXS B** | **CXS G** | **CXS R** | **CXS F** | **CXS GX** | **CXS TH** |
| 04-07 | 04-07 | 04-07 | 06 | 05 | 04-06 |
| A316 | A317 | A32 | A321 | A321 | A32 |

## CoroCut® MB, barras de mandrinar/plaquitas

| **CoroCut® MB** | **Barra de mandrinar con mango de acero** | **Barra de mandrinar con mango de metal duro** | **Plaquitas** | | |
|---|---|---|---|---|---|
| | | | **Ranurado** | **Perfilado** | **Pre-tronzado** |
| Encontrará la gama completa, tronzado, ranurado, roscado y torneado, en la página B97 |  |  |  |  |  |
| | **MB-A** | **MB-E** | **MB G** | **MB R** | **MB GX** |
| Diámetro de barra, mm | 16 | 12-16 | | | |
| Diámetro de la barra, pulg. | .625 | .500-.625 | | | |
| Tamaño de plaquita | 07-09 | 07-09 | 07-09 | 07-09 | 07-09 |
| Página | B107 | B107 | B97 | B101 | B101 |

| **CoroCut® MB** | **Plaquitas** | | | | |
|---|---|---|---|---|---|
| | **Ángulo de posición (ángulo de avance)** | | | | |
| | 45° (45°) | 93° (-3°) | 93° (-3°) | 90° (0°) | |
| | **Cilindrado/perfilado** | **Torneado** | **Copiado** | **Mandrinado a tracción** | **Ranurado frontal** |
| |  |  |  |  |  |
| | **MB T045** | **MB T093** | **MB TE 93** | **MB B 030** | **MB FA/FB** |
| Tamaño de plaquita | 07 | 07 | 07 | 07 | 09 |
| Página | B99 | B99 | B99 | B99 | B102 |

# Clave de códigos para herramientas con mango y barras para mandrinar Coromant Capto®

**Coromant Capto®**

| C3 | – | S | C | L | C | R | – | 11065 | – | 09 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 5 | 6 | 7 | 8 | 9 | | 13 | | 10 | 11 |

**Herramientas con mango, métrico**

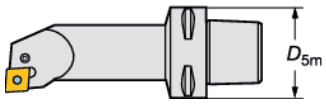
| S | 40 | V | – | S | C | L | C | R | 12 | | – | ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 3 | 4 | | 5 | 6 | 7 | 8 | 9 | 10 | 11 | | 12 |

**Herramientas con mango, pulgadas**

| S | 24 | V | – | S | C | L | C | R | 4 | – | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 3 | 4 | | 5 | 6 | 7 | 8 | 9 | 10 | | 11 |

## 1 Tamaño acoplamiento

C = Coromant Capto®
$D_{5m}$ = Tamaño de acoplamiento




| | mm | pulgadas |
|---|---|---|
| C3 | $D_{5m}$ = 32 | 1.26 |
| C4 | $D_{5m}$ = 40 | 1.57 |
| C5 | $D_{5m}$ = 50 | 1.96 |
| C6 | $D_{5m}$ = 63 | 2.48 |
| C8 | $D_{5m}$ = 80 | 3.15 |

## 2 Tipo de barra

A = Barra de acero enteriza con suministro interno de refrigerante.

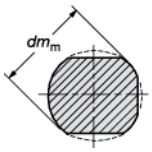
B = Barra con mango de metal duro

C = Barra antivibratoria de metal duro

S = Barra de acero enteriza sin refrigerante

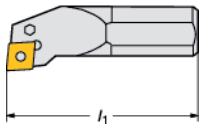
## 3 Diámetro de la barra

| mm | pulgadas |
|---|---|
| 03 = | .1875 |
| 04 = | .250 |
| 05 = | .3125 |
| 06 = | .375 |
| 08 = | .500 |
| 10 = | .625 |
| 12 = | .750 |
| 16 = | 1.000 |
| 20 = | 1.250 |
| 24 = | 1.500 |
| 28 = | 1.750 |
| 32 = | 2.000 |
| 36 = | 2.250 |
| 40 = | 2.500 |



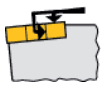
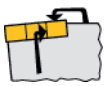
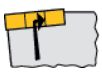

## 4 Longitud de la herramienta, $l_1$ mm, pulgadas

Mango




| | Métri | Pulga | | Métric | Pulgad |
|---|---|---|---|---|---|
| F = | 80 | 3.250 | S = | 250 | 10.000 |
| H = | 100 | 4.000 | T = | 300 | 12.000 |
| K = | 125 | 5.000 | U = | 350 | 14.000 |
| M = | 150 | 6.000 | V = | 400 | 15.750 |
| P = | 170 | 6.250 | W = | 450 | 17.750 |
| Q = | 180 | 7.250 | Y = | 500 | 20.000 |
| R = | 200 | 8.000 | X = | Para fines especiales | |

## 5 Sistema de sujeción

| C | D | M,W | P | S |
|---|---|---|---|---|
| |  |  |  | |
| Sujeción por cara superior | Sujeción por la cara superior y por el agujero (RC) | Sujeción por cara superior y por el agujero | Sujeción por el agujero | Sujeción por tornillo |

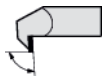


SANDVIK Coromant

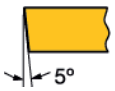
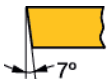
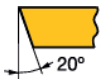
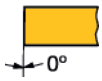
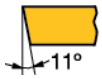
## 6 Forma de la plaquita

| | | | |
|---|---|---|---|
| C | | D | |
| K | | R | |
| S | | T | |
| V | | W | |

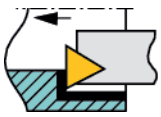
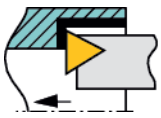
## 7 Tipo de mango, angulo de incidencia (angulo de entrada)

| | | | |
|---|---|---|---|
| F 91° (-1°) | | J 93° (-3°) | |
| K 75° (15°) | | L 95° (-5°) | |
| P 117.5° (-27.5°) | | Q 107.5° (-17.5°) | |
| U 93° (-3°) | | U-X 93° (-3°) |  |

## 8 Ángulo de incidencia en filo de corte principal

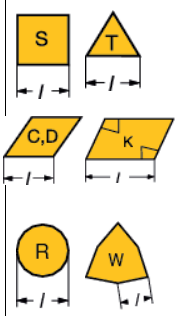
| | | | |
|---|---|---|---|
| B |   | C |   |
| D | | E |   |
| N |   | O | Descripción específica |
| P |   | | |

## 9 Sentido de la herramienta

| | |
|---|---|
| R |  |
| L |  |

## 10 Longitud arista de corte

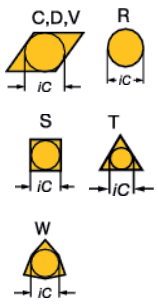
Métrica




La longitud del filo se indica en mm.

Entero (sin redondear).

Pulgadas




| | | |
|---|---|---|
| 1.2 | = | 5/32 |
| 1.5 | = | 3/16 |
| 1.8 | = | 7/32 |
| 2 | = | 1/4 |
| 2.5 | = | 5/16 |
| 3 | = | 3/8 |
| 4 | = | 1/2 |
| 5 | = | 5/8 |
| 6 | = | 3/4 |
| 8 | = | 1 |
| 10 | = | 1¼ |

## 11 Opción del fabricante

Cuando se requiera un símbolo suplementario de un máximo de 3 letras, se debe añadir al código ISO, separado por un guión, p. ej.:

C = Capacidad para refrigerante interno.

D = Extended $f_1$ dimension, + 1.0mm (.04")

E = Extended $f_1$ dimension, + 2.0mm (.08")

F = Extended $f_1$ dimension, + 3mm (.12")

G = Altered dimensions

L = Dimensión $l_1$ ampliada.

R = Mango redondo

W = Diseño de cuña

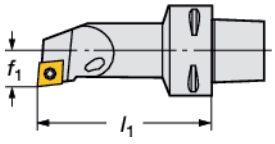
X = Mandrinado a tracción

## 12 Sistema de sujeción Cerámicas

ID = Sujeción con placa de presión

## 13 Tamaño de la unidad de corte Coromant Capto, mm

$f_1$ x $l_1$



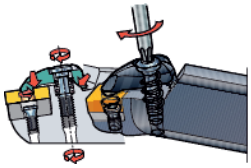

Ejemplo:
C4-SCLCR 11065-09
$f_1$ = 11 mm (2 digits)
$l_1$ = 065 mm (3 digits)

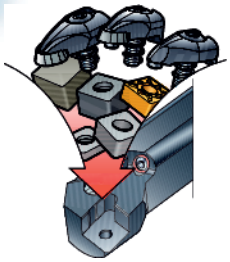
# Sujeción rígida CoroTurn® RC

## Herramientas interiores para plaquitas T-Max® P

**Primera elección para un torneado productivo, estable y seguro**

El sistema CoroTurn® RC está disponible en unidades de corte Coromant Capto® y en diseño convencional de mango de acero para todas las formas de plaquita y de ángulos de avance





**El sistema de 1ª elección para torneado interior de agujeros de gran diámetro:**

- Estabilidad única
- Funcionamiento excelente incluso en entornos con suciedad, por ejemplo en mecanizado de fundición
- Manejo sencillo; una llave Torx Plus para el cambio de plaquita y placa de apoyo
- Acceso fácil incluso si el mango está colocado hacia abajo

**Solución interior modular**

Las plaquitas negativas y el sistema de sujeción CoroTurn® RC también se pueden utilizar en el sistema modular CoroTurn® SL con cabezas de corte intercambiables y distintos tipos de barras de mandrinar, consulte la página I11

**Un sistema flexible**

El asiento de la punta de todos los mangos CoroTurn® RC ha sido diseñado para permitir una intercambiabilidad total al sustituir la sujeción y/o la placa de apoyo.

**CoroTurn® RC admite:**

- Plaquitas de metal duro
- Plaquitas de cerámica con agujero
- Plaquitas de cerámica sin agujero
- Diferentes espesores de plaquita

Encontrará más información en la página A359.

**Entrada de refrigerante interior**

Todos los Coromant Capto® y la mayor parte de las barras de mango de acero convencionales tienen suministro de refrigerante interior.

**Manguitos EasyFix**

En las barras de mandrinar redondas convencionales, el manguito EasyFix constituye el mejor método de sujeción ya que reduce el tiempo de configuración y garantiza la altura de centro correcta.

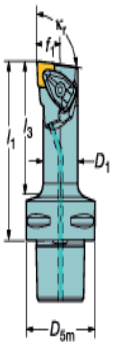
# Barras de mandrinar Coromant Capto®

**CoroTurn® RC (Sujeción rígida)**

**DCLNR/L**

Ángulo de $\kappa_r$ 95°
Ángulo de -5°

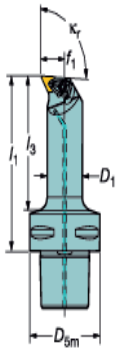
CNMM, CNGP
CNMG
CNMA, CNGA




**DDUNR/L**

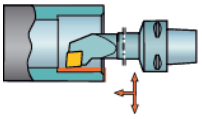
Ángulo de $\kappa_r$ 93°
Ángulo de -3°

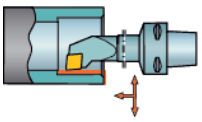
DNMM, DNGP, DNMX
DNMG
DNMA, DNGA




Entrada de refrigerante: axial a través del centro

A derechas en la ilustración

| Aplicación principal | ⬚ | iC | Código de pedido | Dimensiones, mm, pulgadas $D_{5m}$ | $D_m$ min | $D_1$ | $f_1$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras ISO | ANSI | Nm³⁾ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 09 | 3/8 | **C4-DCLNR/L-13080-09** | 40 | 25 | 20 | 13 | 80 | 57 | -6° | -14° | CNMG 09 03 08 | CNMG 322 | 1.7 |
| | | | | *1.575* | *.984* | *.787* | *.512* | *3.150* | *2.244* | | | | | |
| | | | **C5-DCLNR/L-13080-09** | 50 | 25 | 20 | 13 | 80 | 56 | -6° | -14° | CNMG 09 03 08 | CNMG 322 | 1.7 |
| | | | | *1.968* | *.984* | *.787* | *.512* | *3.150* | *2.205* | | | | | |
| | 12 | 1/2 | **C4-DCLNR/L-17090-12** | 40 | 32 | 25 | 17 | 90 | 68 | -6° | -12° | CNMG 12 04 08 | CNMG 432 | 3.9 |
| | | | | *1.575* | *1.260* | *.984* | *.669* | *3.543* | *2.677* | | | | | |
| | | | **C5-DCLNR/L-17090-12** | 50 | 32 | 25 | 17 | 90 | 66 | -6° | -12° | CNMG 12 04 08 | CNMG 432 | 3.9 |
| | | | | *1.968* | *1.260* | *.984* | *.669* | *3.543* | *2.598* | | | | | |
| | | | **C6-DCLNR/L-17100-12** | 63 | 32 | 25 | 17 | 100 | 72 | -6° | -12° | CNMG 12 04 08 | CNMG 432 | 3.9 |
| | | | | *2.480* | *1.260* | *.984* | *.669* | *3.937* | *2.835* | | | | | |
| | 16 | 5/8 | **C6-DCLNR/L-27140-16** | 63 | 50 | 40 | 27 | 140 | 114 | -6° | -16° | CNMG 16 06 12 | CNMG 543 | 6.4 |
| | | | | *2.480* | *1.968* | *1.575* | *1.063* | *5.512* | *4.488* | | | | | |

| Aplicación principal | ⬚ | iC | Código de pedido | Dimensiones, mm, pulgadas $D_{5m}$ | Dm min | $D_1$ | $f_1$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras ISO | ANSI | Nm³⁾ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 11 | 3/8 | **C4-DDUNR/L-17090-11** | 40 | 32 | 25 | 17 | 90 | 68 | -6° | -12° | DNMG 11 04 08 | DNMG 332 | 1.7 |
| | | | | *1.575* | *1.260* | *.984* | *.669* | *3.543* | *2.677* | | | | | |
| | | | **C5-DDUNR/L-17090-11** | 50 | 32 | 25 | 17 | 90 | 66 | -6° | -12° | DNMG 11 04 08 | DNMG 332 | 1.7 |
| | | | | *1.968* | *1.260* | *.984* | *.669* | *3.543* | *2.598* | | | | | |
| | 15 | 1/2 | **C4-DDUNR/L-27080-15** | 40 | 50 | 39.7 | 27 | 80 | 59 | -6° | -11° | DNMG 15 06 08 | DNMG 442 | 3.9 |
| | | | | *1.575* | *1.968* | *1.563* | *1.063* | *3.150* | *2.323* | | | | | |
| | | | **C5-DDUNR/L-27140-15** | 50 | 50 | 40 | 27 | 140 | 118 | -6° | -11° | DNMG 15 06 08 | DNMG 442 | 3.9 |
| | | | | *1.968* | *1.968* | *1.575* | *1.063* | *5.512* | *4.646* | | | | | |
| | | | **C6-DDUNR/L-27140-15** | 63 | 50 | 40 | 27 | 140 | 114 | -6° | -11° | DNMG 15 06 08 | DNMG 442 | 3.9 |
| | | | | *2.480* | *1.968* | *1.575* | *1.063* | *5.512* | *4.488* | | | | | |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

Para acceder a la lista completa de piezas de repuesto, consulte el catálogo principal.

| Tamaño de plaquita CNM ⬚ | iC | DNM. ⬚ | iC | Placa de apoyo | Tornillo de la placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo |
|---|---|---|---|---|---|---|---|
| 09 | 3/8 | | | 5322 236-04 | 5513 020-04 | 5680 051-03 (9IP) | 5412 028-011 |
| 12 | 1/2 | | | 5322 236-03 | 5513 020-02 | 5680 049-01 (15IP) | 5412 028-021 |
| 16 | 5/8 | | | 5322 234-03 | 5513 020-07 | 5680 043-14 (20IP) | 5412 028-031 |
| | | 11 | 3/8 | 5322 267-01 | 5513 020-01 | 5680 051-03 (9IP) | 5412 028-011 |
| | | 15 | 1/2 | 5322 266-02 | 5513 020-02 | 5680 049-01 (15IP) | 5412 028-021 |

A9
A252
A396
G6
A2
J2

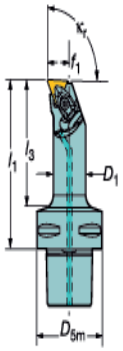
# Barras de mandrinar Coromant Capto®

**Sujeción rígida CoroTurn® RC**

**DTFNR/L**

Ángulo de posición: $\kappa_r$ 91°
Ángulo de ataque: -1°

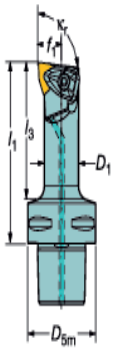
TNMM, TNMX
TNMG
TNMA, TNGA




**DWLNR/L**

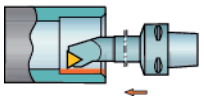
Ángulo de posición: $\kappa_r$ 95°
Ángulo de ataque: -5°

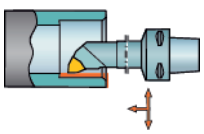
WNMM,
WNMG
WNGA, WNMA




Entrada de refrigerante: axial a través del centro

A derechas en la ilustración

| Aplicación principal | | iC | Código de pedido | Dimensiones, mm, pulgadas $D_{5m}$ | $D_m$ min | $D_1$ | $f_1$ | $l_1$ | $l_3$ | $\gamma$ 1) | $\lambda s$ 2) | Plaquitas calibradoras ISO | ANSI | Nm 3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 16 | 3/8 | **C4-DTFNR/L-17090-16** | 40 | 32 | 25 | 17 | 90 | 68 | -6° | -12° | TNMG 16 04 08 | TNMG 332 | 1.7 |
| | | | | *1.575* | *1.260* | *.984* | *.669* | *3.543* | *2.677* | | | | | |
| | | | **C5-DTFNR/L-17090-16** | 50 | 32 | 25 | 17 | 90 | 66 | -6° | -12° | TNMG 16 04 08 | TNMG 332 | 1.7 |
| | | | | *1.968* | *1.260* | *.984* | *.669* | *3.543* | *2.598* | | | | | |

| Aplicación principal | | iC | Código de pedido | Dimensiones, mm, pulgadas $D_{5m}$ | Dm min | $D_1$ | $f_1$ | $l_1$ | $l_3$ | $\gamma$ 1) | $\lambda s$ 2) | Plaquitas calibradoras ISO | ANSI | Nm 3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 06 | 3/8 | **C4-DWLNR/L-13075-06** | 40 | 27 | 20 | 13 | 75 | 52 | -6° | -17° | WNMG 06 04 08 | WNMG 332 | 1.7 |
| | | | | *1.575* | *1.063* | *.787* | *.512* | *2.953* | *2.047* | | | | | |
| | 08 | 1/2 | **C4-DWLNR/L-17090-08** | 40 | 33 | 25 | 17 | 90 | 68 | -6° | -12° | WNMG 08 04 08 | WNMG 432 | 3.9 |
| | | | | *1.575* | *1.299* | *.984* | *.669* | *3.543* | *2.677* | | | | | |
| | | | **C5-DWLNR/L-17090-08** | 50 | 33 | 25 | 17 | 90 | 66 | -6° | -12° | WNMG 08 04 08 | WNMG 432 | 3.9 |
| | | | | *1.968* | *1.299* | *.984* | *.669* | *3.543* | *2.598* | | | | | |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

Para acceder a la lista completa de piezas de repuesto, consulte el catálogo principal.

| Tamaño de plaquita TNM. iC | WNM. iC | Placa de apoyo | Tornillo | Llave (Torx Plus) | Juego de sujeción completo |
|---|---|---|---|---|---|
| 16 3/8 | | 5322 316-01 | 5513 020-04 | 5680 051-03 (9IP) | 5412 028-011 |
| | 06 3/8 | 5322 328-01 | 5513 020-04 | 5680 051-03 (9IP) | 5412 028-011 |
| | 08 1/2 | 5322 328-02 | 5513 020-02 | 5680 049-01 (15IP) | 5412 028-021 |

A9
A252
A391
G6
A2
J2



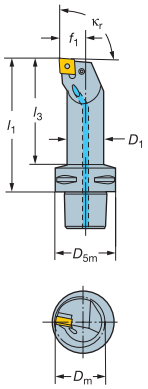
SANDVIK Coromant

# Barras de mandrinar Coromant Capto®

**T-Max P diseño de sujeción por palanca**

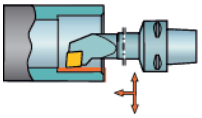
**PCLNR/L**
Ángulo de posición: $\kappa_r$ 95°
Ángulo de ataque: -5°

CNMM, CNGP
CNMG
CNMA, CNGA




Entrada de refrigerante: axial a través del centro

A derechas en la ilustración

| Aplicación principal | □ | iC | Código de pedido | Dimensiones, mm, pulgadas $D_{5m}$ | $D_m$ min | $D_1$ | $f_1$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras ISO | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 09 | 3/8 | C4-PCLNR/L-13080-09 | 40 | 25 | 20 | 13 | 80 | 58 | -6° | -11° | CNMG 09 03 08 | CNMG 322 |
| | | | | *1.575* | *.984* | *.787* | *.512* | *3.150* | *2.284* | | | | |
| | | | C5-PCLNR/L-13080-09 | 50 | 25 | 20 | 13 | 80 | 56 | -6° | -11° | CNMG 09 03 08 | CNMG 322 |
| | | | | *1.968* | *.984* | *.787* | *.512* | *3.150* | *2.205* | | | | |
| | 12 | 1/2 | C3-PCLNR/L-17090-12 | 32 | 32 | 25 | 17 | 90 | 75 | -6° | -11° | CNMG 12 04 08 | CNMG 432 |
| | | | | *1.260* | *1.260* | *.984* | *.669* | *3.543* | *2.953* | | | | |
| | | | C3-PCLNR/L-22064-12 | 32 | 40 | 32 | 22 | 64 | 50 | -6° | -11° | CNMG 12 04 08 | CNMG 432 |
| | | | | *1.260* | *1.575* | *1.260* | *.866* | *2.520* | *1.968* | | | | |
| | | | C3-PCLNR/L-22096-12 | 32 | 40 | 32 | 22 | 96 | 82 | -6° | -11° | CNMG 12 04 08 | CNMG 432 |
| | | | | *1.260* | *1.575* | *1.260* | *.866* | *3.780* | *3.228* | | | | |
| | | | C4-PCLNR/L-17090-12 | 40 | 32 | 25 | 17 | 90 | 69 | -6° | -11° | CNMG 12 04 08 | CNMG 432 |
| | | | | *1.575* | *1.260* | *.984* | *.669* | *3.543* | *2.716* | | | | |
| | | | C4-PCLNR/L-22110-12 | 40 | 40 | 32 | 22 | 110 | 89 | -6° | -11° | CNMG 12 04 08 | CNMG 432 |
| | | | | *1.575* | *1.575* | *1.260* | *.866* | *4.331* | *3.504* | | | | |
| | | | C4-PCLNR/L-27080-12 | 40 | 50 | 40 | 27 | 80 | 60 | -6° | -10° | CNMG 12 04 08 | CNMG 432 |
| | | | | *1.575* | *1.968* | *1.575* | *1.063* | *3.150* | *2.362* | | | | |
| | | | C4-PCLNR/L-27120-12 | 40 | 50 | 40 | 27 | 120 | 100 | -6° | -11° | CNMG 12 04 08 | CNMG 432 |
| | | | | *1.575* | *1.968* | *1.575* | *1.063* | *4.724* | *3.937* | | | | |
| | | | C5-PCLNR/L-17090-12 | 50 | 32 | 25 | 17 | 90 | 67 | -6° | -11° | CNMG 12 04 08 | CNMG 432 |
| | | | | *1.968* | *1.260* | *.984* | *.669* | *3.543* | *2.638* | | | | |
| | | | C5-PCLNR/L-22110-12 | 50 | 40 | 32 | 22 | 110 | 88 | -6° | -11° | CNMG 12 04 08 | CNMG 432 |
| | | | | *1.968* | *1.575* | *1.260* | *.866* | *4.331* | *3.465* | | | | |
| | | | C5-PCLNR/L-27140-12 | 50 | 50 | 40 | 27 | 140 | 119 | -6° | -10° | CNMG 12 04 08 | CNMG 432 |
| | | | | *1.968* | *1.968* | *1.575* | *1.063* | *5.512* | *4.685* | | | | |
| | | | C5-PCLNR/L-35100-12 | 50 | 63 | 50 | 35 | 100 | 81 | -6° | -7° | CNMG 12 04 08 | CNMG 432 |
| | | | | *1.968* | *2.480* | *1.968* | *1.378* | *3.937* | *3.189* | | | | |
| | | | C6-PCLNR/L-17100-12 | 63 | 32 | 25 | 17 | 100 | 74 | -6° | -11° | CNMG 12 04 08 | CNMG 432 |
| | | | | *2.480* | *1.260* | *.984* | *.669* | *3.937* | *2.913* | | | | |
| | | | C6-PCLNR/L-22110-12 | 63 | 40 | 32 | 22 | 110 | 84 | -6° | -11° | CNMG 12 04 08 | CNMG 432 |
| | | | | *2.480* | *1.575* | *1.260* | *.866* | *4.331* | *3.307* | | | | |
| | 16 | 5/8 | C5-PCLNR/L-35150-16 | 50 | 63 | 50 | 35 | 150 | 131 | -6° | -11° | CNMG 16 06 12 | CNMG 543 |
| | | | | *1.968* | *2.480* | *1.968* | *1.378* | *5.906* | *5.158* | | | | |
| | | | C6-PCLNR/L-27140-16 | 63 | 50 | 40 | 27 | 140 | 115 | -6° | -11° | CNMG 16 06 12 | CNMG 543 |
| | | | | *2.480* | *1.968* | *1.575* | *1.063* | *5.512* | *4.528* | | | | |
| | | | C6-PCLNR/L-35175-16 | 63 | 63 | 50 | 35 | 175 | 152 | -6° | -11° | CNMG 16 06 12 | CNMG 543 |
| | | | | *2.480* | *2.480* | *1.968* | *1.378* | *6.890* | *5.984* | | | | |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita □ | iC | Diám. de barra, D1 | Palanca | Tornillo | Llave (mm) | Placa de apoyo |
|---|---|---|---|---|---|---|
| 09 | 3/8 | .787 | 174.3-845-1 | 174.3-829 | 170.3-864 (1.98) | - |
| 12 | 1/2 | .984 | 438.3-841-1 | 438.3-832M | 174.1-863 (2.5) | - |
| 12 | 1/2 | 1.260-1.968 | 174.3-841M | 174.3-821 | 174.1-864 (3.0) | 171.31-850M |
| 16 | 5/8 | 1.575-1.968 | 438.3-840 | 438.3-831 | 174.1-864 (3.0) | 171.31-852 |

A9
A257
A391
G6
A2
J2

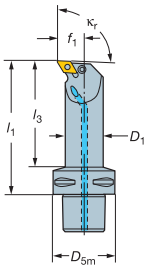
# Barras de mandrinar Coromant Capto®

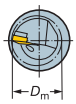
**T-Max P diseño de sujeción por palanca**

**PDUNR/L**

Ángulo de posición: $\kappa_r$ 93°
Ángulo de ataque: -3°

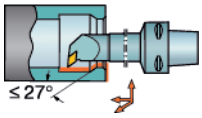
DNMM, DNGP, DNMX
DNMG
DNMA, DNGA




Entrada de refrigerante: axial a través del centro

A derechas en la ilustración

| Aplicación principal | | iC | Código de pedido | Dimensiones, mm, pulgadas $D_{5m}$ | $D_m$ min | $D_1$ | $f_1$ | $l_1$ | $l_3$ | $\gamma$ 1) | $\lambda_s$ 2) | Plaquitas calibradoras ISO | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  ≤27° | 11 | 3/8 | **C3-PDUNR/L-17090-11** | 32 | 32 | 25 | 17 | 90 | 75 | -6° | -11° | DNMG 11 04 08 | DNMG 332 |
| | | | | *1.260* | *1.260* | *.984* | *.669* | *3.543* | *2.953* | | | | |
| | | | **C4-PDUNR/L-17090-11** | 40 | 32 | 25 | 17 | 90 | 69 | -6° | -11° | DNMG 11 04 08 | DNMG 332 |
| | | | | *1.575* | *1.260* | *.984* | *.669* | *3.543* | *2.716* | | | | |
| | | | **C4-PDUNR/L-22110-11** | 40 | 40 | 32 | 22 | 110 | 89 | -6° | -10° | DNMG 11 04 08 | DNMG 332 |
| | | | | *1.575* | *1.575* | *1.260* | *.866* | *4.331* | *3.504* | | | | |
| | | | **C5-PDUNR/L-17090-11** | 50 | 32 | 25 | 17 | 90 | 67 | -6° | -11° | DNMG 11 04 08 | DNMG 332 |
| | | | | *1.968* | *1.260* | *.984* | *.669* | *3.543* | *2.638* | | | | |
| | | | **C5-PDUNR/L-22110-11** | 50 | 40 | 32 | 22 | 110 | 88 | -6° | -10° | DNMG 11 04 08 | DNMG 332 |
| | | | | *1.968* | *1.575* | *1.260* | *.866* | *4.331* | *3.465* | | | | |
| | | | **C6-PDUNR/L-17100-11** | 63 | 32 | 25 | 17 | 100 | 74 | -6° | -11° | DNMG 11 04 08 | DNMG 332 |
| | | | | *2.480* | *1.260* | *.984* | *.669* | *3.937* | *2.913* | | | | |
| | 15 | 1/2 | **C4-PDUNR/L-27080-15** | 40 | 50 | 40 | 27 | 80 | 60 | -6° | -11° | DNMG 15 06 08 | DNMG 442 |
| | | | | *1.575* | *1.968* | *1.575* | *1.063* | *3.150* | *2.362* | | | | |
| | | | **C4-PDUNR/L-27120-15** | 40 | 50 | 40 | 27 | 120 | 100 | -6° | -11° | DNMG 15 06 08 | DNMG 442 |
| | | | | *1.575* | *1.968* | *1.575* | *1.063* | *4.724* | *3.937* | | | | |
| | | | **C5-PDUNR/L-27140-15** | 50 | 50 | 40 | 27 | 140 | 119 | -6° | -11° | DNMG 15 06 08 | DNMG 442 |
| | | | | *1.968* | *1.968* | *1.575* | *1.063* | *5.512* | *4.685* | | | | |
| | | | **C5-PDUNR/L-35100-15** | 50 | 63 | 50 | 35 | 100 | 81 | -6° | -10° | DNMG 15 06 08 | DNMG 442 |
| | | | | *1.968* | *2.480* | *1.968* | *1.378* | *3.937* | *3.189* | | | | |
| | | | **C5-PDUNR/L-35150-15** | 50 | 63 | 50 | 35 | 150 | 131 | -6° | -10° | DNMG 15 06 08 | DNMG 442 |
| | | | | *1.968* | *2.480* | *1.968* | *1.378* | *5.906* | *5.158* | | | | |
| | | | **C6-PDUNR/L-22110-15** | 63 | 40 | 32 | 22 | 110 | 84 | -6° | -12° | DNMG 15 06 08 | DNMG 442 |
| | | | | *2.480* | *1.575* | *1.260* | *.866* | *4.331* | *3.307* | | | | |
| | | | **C6-PDUNR/L-27140-15** | 63 | 50 | 40 | 27 | 140 | 115 | -6° | -11° | DNMG 15 06 08 | DNMG 442 |
| | | | | *2.480* | *1.968* | *1.575* | *1.063* | *5.512* | *4.528* | | | | |
| | | | **C6-PDUNR/L-35175-15** | 63 | 63 | 50 | 35 | 175 | 152 | -6° | -10° | DNMG 15 06 08 | DNMG 442 |
| | | | | *2.480* | *2.480* | *1.968* | *1.378* | *6.890* | *5.984* | | | | |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita | | | | | | |
|---|---|---|---|---|---|---|
| | iC | Diám. de barra, D1 | Palanca | Tornillo | Llave (mm) | Placa de apoyo |
| 11 | 3/8 | .984 | 5432 015-021 | 438.3-830 | 174.1-870 (1.98) | - |
| 11 | 3/8 | 1.260 | 5432 001-01 | 174.3-820M | 174.1-863 (2.5) | 5322 255-01 |
| 15 | 1/2 | 1.575-1.968 | 174.3-847M | 174.3-830 | 174.1-864 (3.0) | 171.35-851M |

A9
A258
A391
G6
A2
J2



SANDVIK Coromant

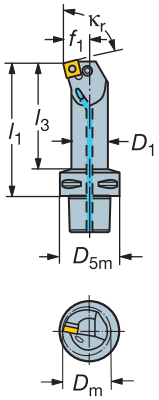
# Barras de mandrinar Coromant Capto®

**T-Max P diseño de sujeción por palanca**

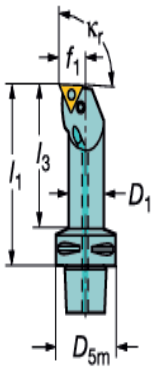
**PSKNR/L**
Ángulo de posición: $\kappa_r$ 75°
Ángulo de ataque: 15°

**PTFNR/L**
$\kappa_r$ 91°
-1°

SNMM
SNMG
SNMA, SNGA

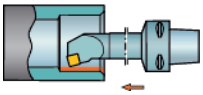


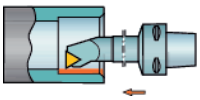
TNMM, TNMX
TNMG
TNMA, TNGA




Entrada de refrigerante: axial a través del centro

A derechas en la ilustración

| Aplicación principal | □ | iC | Código de pedido | Dimensiones, mm, pulgadas $D_{5m}$ | $D_m$ min | $D_1$ | $f_1$ | $l_1$ | $l_3$ | γ1) | λs2) | Plaquitas calibradoras ISO | ANSI | Nm3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 12 | 1/2 | **C4-PSKNR-17090-12** | 40 | 32 | 25 | 17 | 90 | 69 | -6° | -11° | SNMG 12 04 08 | SNMG 432 | |
| | | | | *1.575* | *1.260* | *.984* | *.669* | *3.543* | *2.716* | | | | | |
| | | | **C5-PSKNR/L-27140-12** | 50 | 50 | 40 | 27 | 140 | 119 | -6° | -10° | SNMG 12 04 08 | SNMG 432 | |
| | | | | *1.968* | *1.968* | *1.575* | *1.063* | *5.512* | *4.685* | | | | | |
| | | | **C5-PSKNR-17090-12** | 50 | 32 | 25 | 17 | 90 | 67 | -6° | -11° | SNMG 12 04 08 | SNMG 432 | |
| | | | | *1.968* | *1.260* | *.984* | *.669* | *3.543* | *2.638* | | | | | |
| | | | **C5-PSKNR-22110-12** | 50 | 40 | 32 | 22 | 110 | 88 | -6° | -10° | SNMG 12 04 08 | SNMG 432 | |
| | | | | *1.968* | *1.575* | *1.260* | *.866* | *4.331* | *3.465* | | | | | |
| | | | **C6-PSKNR-22110-12** | 63 | 40 | 32 | 22 | 110 | 84 | -6° | -10° | SNMG 12 04 08 | SNMG 432 | |
| | | | | *2.480* | *1.575* | *1.260* | *.866* | *4.331* | *3.307* | | | | | |
| | 15 | 5/8 | **C6-PSKNR/L-35175-15** | 63 | 63 | 50 | 35 | 175 | 152 | -6° | -9° | SNMG 15 06 08 | SNMG 542 | 5.0 |
| | | | | *2.480* | *2.480* | *1.968* | *1.378* | *6.890* | *5.984* | | | | | |

| Aplicación principal | △ | iC | Código de pedido | Dimensiones, mm, pulgadas $D_{5m}$ | Dm min | $D_1$ | $f_1$ | $l_1$ | $l_3$ | γ1) | λs2) | Plaquitas calibradoras ISO | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 11 | 1/4 | **C3-PTFNR/L-13075-11** | 32 | 25 | 20 | 13 | 75 | 59 | -6° | -12° | TNMG 11 03 04 | TNMG 221 |
| | | | | *1.260* | *.984* | *.787* | *.512* | *2.953* | *2.323* | | | | |
| | | | **C4-PTFNR/L-13080-11** | 40 | 25 | 20 | 13 | 80 | 58 | -6° | -12° | TNMG 11 03 04 | TNMG 221 |
| | | | | *1.575* | *.984* | *.787* | *.512* | *3.150* | *2.284* | | | | |
| | | | **C5-PTFNR/L-13080-11** | 50 | 25 | 20 | 13 | 80 | 56 | -6° | -12° | TNMG 11 03 04 | TNMG 221 |
| | | | | *1.968* | *.984* | *.787* | *.512* | *3.150* | *2.205* | | | | |

1) γ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita □ | iC | Diám. de barra, D1 mm (pulgadas) | Palanca | Tornillo | Llave (mm) | Placa de apoyo |
|---|---|---|---|---|---|---|
| 12 | 1/2 | 25 (.984) | 438.3-841-1 | 438.3-832M | 174.1-863 (2.5) | - |
| 12 | 1/2 | 32-40 (1.260-1.575) | 174.3-841M | 174.3-821 | 174.1-864 (3.0) | 174.3-851M |
| 15 | 5/8 | | 438.3-840 | 438.3-831 | 174.1-864 (3.0) | 174.3-857 |

| Tamaño de plaquita △ | iC | Diám. de barra, D1 mm (pulgadas) | Palanca | Tornillo | Llave (mm) | Placa de apoyo |
|---|---|---|---|---|---|---|
| 11 | 1/4 | 20 (.767) | 174.3-846-1 | 174.3-829 | 170.3-864 (1.98) | - |

A9
A258
A391
G6
A2
J2

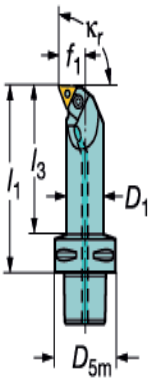
# Barras de mandrinar Coromant Capto®

**Diseño con cuña T-Max P**

**PTFNR/L-W**

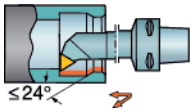
Ángulo de posición: $\kappa_r$ 91°
Ángulo de ataque: -1°

TNMM, TNMX
TNMG
TNMA, TNGA




Entrada de refrigerante: axial a través del centro

A derechas en la ilustración

| Aplicación principal | △ | iC | Código de pedido | Dimensiones, mm, pulgadas $D_{5m}$ | Dm min | $D_1$ | $f_1$ | $l_1$ | $l_3$ | $\gamma$ 1) | $\lambda s$ 2) | Plaquitas calibradoras ISO | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 16 | 3/8 | **C3-PTFNR-17090-16W** | 32 | 32 | 25 | 17 | 90 | 75 | -6° | -13° | TNMG 16 04 08 | TNMG 332 |
| | | | | *1.260* | *1.260* | *.984* | *.669* | *3.543* | *2.953* | | | | |
| | | | **C4-PTFNR/L-17090-16W** | 40 | 32 | 25 | 17 | 90 | 69 | -6° | -13° | TNMG 16 04 08 | TNMG 332 |
| | | | | *1.575* | *1.260* | *.984* | *.669* | *3.543* | *2.716* | | | | |
| | | | **C4-PTFNR/L-22110-16W** | 40 | 40 | 32 | 22 | 110 | 89 | -6° | -12° | TNMG 16 04 08 | TNMG 332 |
| | | | | *1.575* | *1.575* | *1.260* | *.866* | *4.331* | *3.504* | | | | |
| | | | **C4-PTFNR/L-27120-16W** | 40 | 50 | 40 | 27 | 120 | 100 | -6° | -11° | TNMG 16 04 08 | TNMG 332 |
| | | | | *1.575* | *1.968* | *1.575* | *1.063* | *4.724* | *3.937* | | | | |
| | | | **C5-PTFNR/L-17090-16W** | 50 | 32 | 25 | 17 | 90 | 67 | -6° | -13° | TNMG 16 04 08 | TNMG 332 |
| | | | | *1.968* | *1.260* | *.984* | *.669* | *3.543* | *2.638* | | | | |
| | | | **C5-PTFNR/L-22110-16W** | 50 | 40 | 32 | 22 | 110 | 88 | -6° | -12° | TNMG 16 04 08 | TNMG 332 |
| | | | | *1.968* | *1.575* | *1.260* | *.866* | *4.331* | *3.465* | | | | |
| | | | **C5-PTFNR/L-27140-16W** | 50 | 50 | 40 | 27 | 140 | 119 | -6° | -11° | TNMG 16 04 08 | TNMG 332 |
| | | | | *1.968* | *1.968* | *1.575* | *1.063* | *5.512* | *4.685* | | | | |
| | | | **C6-PTFNR/L-22110-16W** | 63 | 40 | 32 | 22 | 110 | 84 | -6° | -12° | TNMG 16 04 08 | TNMG 332 |
| | | | | *2.480* | *1.575* | *1.260* | *.866* | *4.331* | *3.307* | | | | |
| | | | **C6-PTFNR/L-27140-16W** | 63 | 50 | 40 | 27 | 140 | 115 | -6° | -11° | TNMG 16 04 08 | TNMG 332 |
| | | | | *2.480* | *1.968* | *1.575* | *1.063* | *5.512* | *4.528* | | | | |
| | 22 | 1/2 | **C4-PTFNR-27120-22W** | 40 | 50 | 40 | 27 | 120 | 100 | -6° | -11° | TNMG 22 04 08 | TNMG 432 |
| | | | | *1.575* | *1.968* | *1.575* | *1.063* | *4.724* | *3.937* | | | | |
| | | | **C5-PTFNL-35150-22W** | 50 | 63 | 50 | 35 | 150 | 131 | -6° | -10° | TNMG 22 04 08 | TNMG 432 |
| | | | | *1.968* | *2.480* | *1.968* | *1.378* | *5.906* | *5.158* | | | | |
| | | | **C5-PTFNR/L-27140-22W** | 50 | 50 | 40 | 27 | 140 | 119 | -6° | -11° | TNMG 22 04 08 | TNMG 432 |
| | | | | *1.968* | *1.968* | *1.575* | *1.063* | *5.512* | *4.685* | | | | |
| | | | **C6-PTFNR/L-27140-22W** | 63 | 50 | 40 | 27 | 140 | 115 | -6° | -11° | TNMG 22 04 08 | TNMG 432 |
| | | | | *2.480* | *1.968* | *1.575* | *1.063* | *5.512* | *4.528* | | | | |
| | | | **C6-PTFNR/L-35175-22W** | 63 | 63 | 50 | 35 | 175 | 152 | -6° | -10° | TNMG 22 04 08 | TNMG 432 |
| | | | | *2.480* | *2.480* | *1.968* | *1.378* | *6.890* | *5.984* | | | | |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita △ | iC | Diám. de barra, D1 | | Juego de cuña | Llave (mm) | Placa de apoyo | Pasador | Tornillo | Llave (Torx Plus) |
|---|---|---|---|---|---|---|---|---|---|
| 16 | 3/8 | 25 | .984 | 170.38-823-2 | 174.1-864 (3.0) | - | 5313 021-01 | 5512 031-01 | 5680 051-03 (9IP) |
| 16 | 3/8 | 32-40 | 1.260-1.575 | 170.38-823-1 | 174.1-864 (3.0) | 170.3-852 | 5313 021-02 | 5512 031-01 | 5680 051-03 (9IP) |
| 22 | 1/2 | 40 | 1.575 | 170.38-824-1 | 3021 010-040 (4.0) | 170.3-855 | 5313 021-03 | 5512 031-02 | 5680 049-02 (15IP) |
| 22 | 1/2 | 50 | 1.969 | 170.38-821-1 | 3021 010-040 (4.0) | 170.3-852 | 5313 021-02 | 5512 031-01 | 5680 051-03 (9IP) |

A9
A259
A394
G6
A2
J2



SANDVIK Coromant

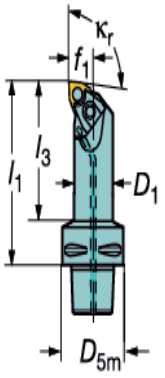
# Barras de mandrinar Coromant Capto®

**Diseño de sujeción con cuña T-Max P**

**MWLNR/L**

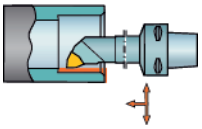
Ángulo de posición: $\kappa_r$ 95°
Ángulo de ataque: -5°

WNMM,
WNMG
WNGA, WNMA




Entrada de refrigerante: axial a través del centro

A derechas en la ilustración

| Aplicación principal | | | | Dimensiones, mm, pulgadas | | | | | | | | Plaquitas calibradoras | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *iC* | **Código de pedido** | $D_{5m}$ | $D_m$ min | $D_1$ | $f_1$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | ISO | ANSI |
|  | 06 | 3/8 | **C3-MWLNR/L-13075-06** | 32 | 25 | 20 | 13 | 75 | 59 | -6° | -14° | WNMG 06 04 08 | WNMG 332 |
| | | | | *1.260* | *.984* | *.787* | *.512* | *2.953* | *2.323* | | | | |
| | | | **C3-MWLNR-17090-06M1** | 32 | 32 | 25 | 17 | 90 | 75 | -6° | -12° | WNMG 06 04 08 | WNMG 332 |
| | | | | *1.260* | *1.260* | *.984* | *.669* | *3.543* | *2.953* | | | | |
| | | | **C4-MWLNR/L-13075-06** | 40 | 25 | 20 | 13 | 75 | 53 | -6° | -14° | WNMG 06 04 08 | WNMG 332 |
| | | | | *1.575* | *.984* | *.787* | *.512* | *2.953* | *2.087* | | | | |
| | | | **C4-MWLNR/L-17090-06M1** | 40 | 32 | 25 | 17 | 90 | 69 | -6° | -12° | WNMG 06 04 08 | WNMG 332 |
| | | | | *1.575* | *1.260* | *.984* | *.669* | *3.543* | *2.716* | | | | |
| | 08 | 1/2 | **C4-MWLNR/L-17090-08** | 40 | 32 | 25 | 17 | 90 | 69 | -6° | -14° | WNMG 08 04 08 | WNMG 432 |
| | | | | *1.575* | *1.260* | *.984* | *.669* | *3.543* | *2.716* | | | | |
| | | | **C4-MWLNR/L-22110-08** | 40 | 40 | 32 | 22 | 110 | 89 | -6° | -14° | WNMG 08 04 08 | WNMG 432 |
| | | | | *1.575* | *1.575* | *1.260* | *.866* | *4.331* | *3.504* | | | | |
| | | | **C4-MWLNR/L-27120-08** | 40 | 50 | 40 | 27 | 120 | 100 | -6° | -12° | WNMG 08 04 08 | WNMG 432 |
| | | | | *1.575* | *1.968* | *1.575* | *1.063* | *4.724* | *3.937* | | | | |
| | | | **C5-MWLNR/L-17090-08** | 50 | 32 | 25 | 17 | 90 | 67 | -6° | -14° | WNMG 08 04 08 | WNMG 432 |
| | | | | *1.968* | *1.260* | *.984* | *.669* | *3.543* | *2.638* | | | | |
| | | | **C5-MWLNR/L-22110-08** | 50 | 40 | 32 | 22 | 110 | 88 | -6° | -14° | WNMG 08 04 08 | WNMG 432 |
| | | | | *1.968* | *1.575* | *1.260* | *.866* | *4.331* | *3.465* | | | | |
| | | | **C5-MWLNR/L-27140-08** | 50 | 50 | 40 | 27 | 140 | 119 | -6° | -12° | WNMG 08 04 08 | WNMG 432 |
| | | | | *1.968* | *1.968* | *1.575* | *1.063* | *5.512* | *4.685* | | | | |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita | | | | Juego de brida-cuña | Llave (mm) | Placa de apoyo | Pasador | Tornillo | Llave (mm/Torx Plus) |
|---|---|---|---|---|---|---|---|---|---|
| *iC* | Diám. de barra, D1 | | | | | | | | |
| 06 | 3/8 | 20-25 | .787-.984 | 5431 125-011 | 170.3-860 (2.5) | - | 5313 022-02 | - | 170.3-864 (1.98) |
| 08 | 1/2 | 25 | .984 | 5431 125-021 | 174.1-864 (3.0) | 5322 331-09 | 5313 022-03 | - | - |
| 08 | 1/2 | 32 | 1.260 | 5431 125-021 | 174.1-864 (3.0) | 5322 331-07 | 5313 022-03 | - | - |
| | | 40 | 1.575 | 5431 125-021 | 174.1-864 (3.0) | 5322 331-07 | 5313 022-03 | 5512 030-04 | 174.1-863 (2.5) |

A9
A260
A394
G6
A2
J2

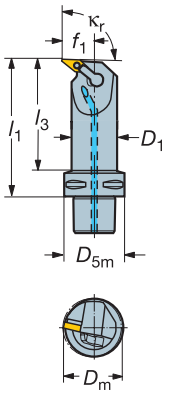
# Barras de mandrinar Coromant Capto®

**Diseño de sujeción superior con excéntrica y brida superior T-Max P**

**MVUNR/L**

Ángulo de posición: $\kappa_r$ 93°
Ángulo de ataque: -3°

VNMG
VNGP

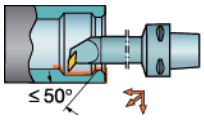






Entrada de refrigerante: axial a través del centro

A derechas en la ilustración

| Aplicación principal | | iC | Código de pedido | Dimensiones, mm, pulgadas $D_{5m}$ | $D_m$ min | $D_1$ | $f_1$ | $l_1$ | $l_3$ | $\gamma$ 1) | $\lambda_s$ 2) | Plaquitas calibradoras ISO | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 16 | 3/8 | **C4-MVUNR/L-27120-16** | 40 | 50 | 40 | 27 | 120 | 100 | -6° | -10° | VNMG 16 04 08 | VNMG 332 |
| | | | | *1.575* | *1.968* | *1.575* | *1.063* | *4.724* | *3.937* | | | | |
| | | | **C5-MVUNR/L-27140-16** | 50 | 50 | 40 | 27 | 140 | 119 | -6° | -10° | VNMG 16 04 08 | VNMG 332 |
| | | | | *1.968* | *1.968* | *1.575* | *1.063* | *5.512* | *4.685* | | | | |
| | | | **C5-MVUNR/L-35150-16** | 50 | 63 | 50 | 35 | 150 | 131 | -6° | -10° | VNMG 16 04 08 | VNMG 332 |
| | | | | *1.968* | *2.480* | *1.968* | *1.378* | *5.906* | *5.158* | | | | |
| | | | **C6-MVUNL-22120-16** | 63 | 40 | 32 | 22 | 120 | 94 | -6° | -12° | VNMG 16 04 08 | VNMG 332 |
| | | | | *2.480* | *1.575* | *1.260* | *.866* | *4.724* | *3.701* | | | | |
| | | | **C6-MVUNR-35175-16** | 63 | 63 | 50 | 35 | 175 | 152 | -6° | -10° | VNMG 16 04 08 | VNMG 332 |
| | | | | *2.480* | *2.480* | *1.968* | *1.378* | *6.890* | *5.984* | | | | |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita | | | | | | | |
|---|---|---|---|---|---|---|---|
| | iC | Amarre | Tornillo de sujeción | Llave (mm) | Pasador de blocaje | Llave (mm) | Placa de apoyo |
| 16 | 3/8 | MC-12 | MS-510 | 3021 011-532 (3.96) | MN-34L | 174.1-870 (1.98) | MVN-322 |

A9
A393
G6
A2
J2



SANDVIK Coromant

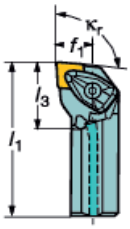
# Barras de mandrinar

## CoroTurn® RC diseño de sujeción rígida

**Cilíndrico con planos** **A...-DCLNR/L**

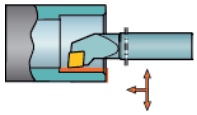
Ángulo de posición: $\kappa_r$ 95°
Ángulo de ataque: -5°

CNMM, CNGP
CNMG
CNMA, CNGA

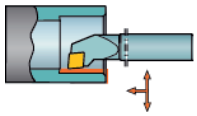



**Voladizo máx. 4 x $dm_m$**
**Todos con suministro de refrigerante interior**
A derechas en la ilustración

### Versión métrica

| Aplicación principal | □ | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 09 | **A25T-DCLNR/L 09** | 25 | 32 | 17 | 23 | 300 | 31 | -6° | -11° | CNMG 09 03 08 | 1.7 |
| | 12 | **A25T-DCLNR/L 12** | 25 | 32 | 17 | 23 | 300 | 31 | -6° | -12° | CNMG 12 04 08 | 3.9 |
| | | **A32T-DCLNR/L 12** | 32 | 40 | 22 | 30 | 300 | 30 | -6° | -10° | CNMG 12 04 08 | 3.9 |
| | | **A40T-DCLNR/L 12** | 40 | 50 | 27 | 37 | 300 | 32 | -6° | -15° | CNMG 12 04 08 | 3.9 |
| | 16 | **A50U-DCLNR/L 16** | 50 | 63 | 35 | 47 | 350 | 38 | -6° | -13° | CNMG 16 06 12 | 6.4 |

### Versión en pulgadas

| Aplicación principal | $iC$ | Código de pedido | Dimensiones, pulgadas $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 3/8 | **A12S-DCLNR/L 3** | .750 | 1.000 | .500 | .709 | 10.000 | 1.024 | -6° | -14° | CNMG 322 | 1.3 |
| | | **A16T-DCLNR/L 3** | 1.000 | 1.201 | .640 | .906 | 12.000 | 1.339 | -6° | -11° | CNMG 322 | 1.3 |
| | | **A20T-DCLNR/L 3** | 1.250 | 1.468 | .765 | 1.181 | 12.000 | 1.299 | -6° | -9° | CNMG 322 | 1.3 |
| | 1/2 | **A16T-DCLNR/L 4** | 1.000 | 1.280 | .640 | .906 | 12.000 | 1.339 | -6° | -12° | CNMG 432 | 2.9 |
| | | **A20T-DCLNR/L 4** | 1.250 | 1.468 | .765 | 1.181 | 12.000 | 1.299 | -6° | -11° | CNMG 432 | 2.9 |
| | | **A24T-DCLNR/L 4** | 1.500 | 1.760 | .890 | 1.374 | 12.000 | 1.575 | -6° | -16° | CNMG 432 | 2.9 |
| | 5/8 | **A24T-DCLNR/L 5** | 1.500 | 1.760 | .890 | 1.374 | 12.000 | 1.575 | -6° | -18° | CNMG 543 | 4.7 |
| | | **A32U-DCLNR/L 5** | 2.000 | 2.402 | 1.281 | 1.874 | 14.000 | 1.700 | -6° | -14° | CNMG 543 | 4.7 |
| | | **A40V-DCLNR/L 5** | 2.500 | 3.032 | 1.531 | 2.374 | 15.752 | 1.710 | -6° | -11° | CNMG 543 | 4.7 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

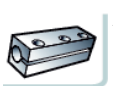
R = A Derecha, L = A Izquierda

Para el conector del refrigerante, véase la página A308

### Piezas de repuesto principales

| Tamaño de plaquita □ | $iC$ | Diám. de barra, $dm_m$ mm | pulgadas | Placa de apoyo | Tornillo de la placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo |
|---|---|---|---|---|---|---|---|
| 09 | 3/8 | 25 | .750-1.250 | 5322 236-04 | 5513 020-04 | 5680 051-03 (9IP) | 5412 028-011 |
| 12 | 1/2 | 25-32 | 1.000-1.500 | 5322 236-03 | 5513 020-02 | 5680 049-01 (15IP) | 5412 028-021[1] |
| 12 | 1/2 | 40 | - | 5322 234-01 | 5513 020-02 | 5680 049-01 (15IP) | 5412 028-021[1] |
| 16 | 5/8 | 50 | 1.500-2.500 | 5322 234-03 | 5513 020-07 | 5680 043-14 (20IP) | 5412 028-031[1] |

1)Para modificar los portaplaquitas CoroTurn® RC para otras plaquitas, consulte los juegos de sujeción en la página A353.

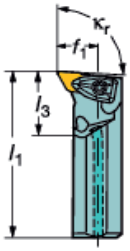
A9
A390
G6
A2
 A304
J2

# Barras de mandrinar

## CoroTurn® RC diseño de sujeción rígida

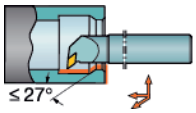
**Cilíndrico con planos** **A...-DDUNR/L**

Ángulo de posición: $\kappa_r$ 93°
Ángulo de ataque: -3°



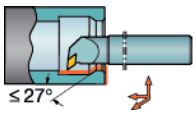

**Voladizo máx. 4 x $dm_m$**
**Todos con suministro de refrigerante interior**
A derechas en la ilustración

### Versión métrica

| Aplicación principal | | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 11 | **A25T-DDUNR/L 11** | 25 | 32 | 17 | 23 | 300 | 28 | -6° | - | DNMG 11 04 08 | 1.7 |
| | | **A32T-DDUNR/L 11** | 32 | 40 | 22 | 30 | 300 | 30 | -6° | - | DNMG 11 04 08 | 1.7 |
| | 15 | **A40T-DDUNR/L 15** | 40 | 50 | 27 | 37 | 300 | 36 | -6° | - | DNMG 15 06 08 | 3.9 |
| | | **A50U-DDUNR/L 15** | 50 | 63 | 35 | 47 | 350 | 39 | -6° | -8° | DNMG 15 06 08 | 3.9 |



### Versión en pulgadas

| Aplicación principal | *iC* | Código de pedido | Dimensiones, pulgadas $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 3/8 | **A12S-DDUNR/L 3** | .750 | 1.201 | .625 | .709 | 10.000 | .945 | -6° | -12° | DNMG 332 | 1.3 |
| | | **A16T-DDUNR/L 3** | 1.000 | 1.299 | .750 | .906 | 12.000 | 1.142 | -6° | -12° | DNMG 332 | 1.3 |
| | | **A20T-DDUNR/L 3** | 1.250 | 1.705 | 1.000 | 1.181 | 12.000 | 1.181 | -6° | -9° | DNMG 332 | 1.3 |
| | 1/2 | **A16T-DDUNR/L 4** | 1.000 | 1.500 | .750 | .906 | 12.000 | 1.142 | -6° | -15° | DNMG 442 | 2.9 |
| | | **A20T-DDUNR/L 4** | 1.250 | 1.705 | 1.000 | 1.181 | 12.000 | 1.181 | -6° | -13° | DNMG 442 | 2.9 |
| | | **A24T-DDUNR/L 4** | 1.500 | 2.000 | 1.125 | 1.374 | 12.000 | 1.299 | -6° | -11° | DNMG 442 | 2.9 |
| | | **A32U-DDUNR/L 4** | 2.000 | 2.673 | 1.500 | 1.874 | 14.000 | 1.410 | -6° | -8° | DNMG 442 | 2.9 |
| | | **A40V-DDUNR/L 4** | 2.500 | 3.248 | 1.750 | 2.374 | 15.752 | 1.490 | -6° | -7° | DNMG 442 | 2.9 |



1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

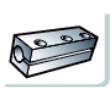
R = A Derecha, L = A Izquierda

Para el conector del refrigerante, véase la página A308

### Piezas de repuesto principales

| Tamaño de plaquita | | Diám. de barra, $dm_m$ | | | | | |
|---|---|---|---|---|---|---|---|
| | *iC* | mm | pulgadas | Placa de apoyo | Tornillo de la placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo |
| 11 | 3/8 | 25-32 | .750-1.250 | 5322 267-01 | 5513 020-04 | 5680 051-03 (9IP) | 5412 028-011 |
| 15 | 1/2 | 40-50 | 1.000-2.500 | 5322 266-02 | 5513 020-02 | 5680 049-01 (15IP) | 5412 028-021[1)] |

[1)]Para modificar los portaplaquitas CoroTurn® RC para otras plaquitas, consulte los juegos de sujeción en la página A353.

A9
A390
G6
A2
 A304
J2



SANDVIK Coromant

# Barras de mandrinar

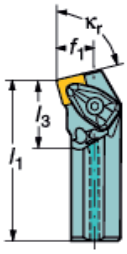
## CoroTurn® RC diseño de sujeción rígida

**Cilíndrico con planos**

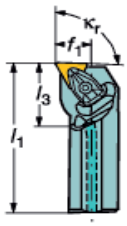
**DSKNR/L**
Ángulo de posición: $\kappa_r$ 75°
Ángulo de ataque: 15°

**DTFNR/L**
$\kappa_r$ 91°
-1°

SNMM
SNMG
SNMA, SNGA

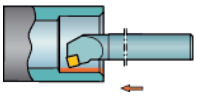


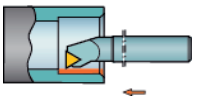
TNMM, TNMX
TNMG
TNMA, TNGA



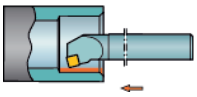

**Voladizo máx. 4 x $dm_m$**
**Todos con suministro de refrigerante interior**
A derechas en la ilustración

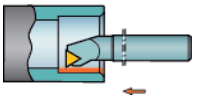
### Versión métrica

| Aplicación principal | □ | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 09 | **A25T-DSKNR/L 09** | 25 | 32 | 17 | 23 | 300 | 30 | -6° | -9° | SNMG 09 03 08 | 1.7 |
| | 12 | **A25T-DSKNR/L 12** | 25 | 32 | 17 | 23 | 300 | 30 | -6° | - | SNMG 12 04 08 | 3.9 |
| | | **A32T-DSKNR/L 12** | 32 | 40 | 22 | 30 | 300 | 33 | -6° | -9° | SNMG 12 04 08 | 3.9 |
| | | **A40T-DSKNR/L 12** | 40 | 50 | 27 | 37 | 300 | 34 | -6° | - | SNMG 12 04 08 | 3.9 |

| Aplicación principal | △ | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 16 | **A25T-DTFNR/L 16** | 25 | 32 | 17 | 23 | 300 | 32 | -6° | - | TNMG 16 04 08 | 1.7 |
| | | **A32T-DTFNR/L 16** | 32 | 40 | 22 | 30 | 300 | 33 | -6° | - | TNMG 16 04 08 | 1.7 |
| | | **A40T-DTFNR/L 16** | 40 | 50 | 27 | 37 | 300 | 36 | -6° | -8° | TNMG 16 04 08 | 1.7 |
| | 22 | **A40T-DTFNR/L 22** | 40 | 50 | 27 | 37 | 300 | 36 | -6° | - | TNMG 22 04 08 | 3.9 |
| | | **A50U-DTFNR/L 22** | 50 | 63 | 35 | 47 | 350 | 39 | -6° | - | TNMG 22 04 08 | 3.9 |

### Versión en pulgadas

| Aplicación principal | $iC$ | Código de pedido | Dimensiones, pulgadas $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/2 | **A16T-DSKNR/L 4** | 1.000 | 1.280 | .640 | .906 | 12.000 | 1.260 | -6° | -11° | SNMG 432 | 2.9 |
| | | **A20T-DSKNR/L 4** | 1.250 | 1.468 | .765 | 1.181 | 12.000 | 1.417 | -6° | -9° | SNMG 432 | 2.9 |
| | | **A24T-DSKNR/L 4** | 1.500 | 1.760 | .890 | 1.374 | 12.000 | 1.654 | -6° | -15° | SNMG 432 | 2.9 |

| Aplicación principal | $iC$ | Código de pedido | Dimensiones, pulgadas $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 3/8 | **A12S-DTFNR/L 3** | .750 | 1.024 | .500 | .709 | 10.000 | 1.181 | -6° | -14° | TNMG 332 | 1.3 |
| | | **A16T-DTFNR/L 3** | 1.000 | 1.201 | .640 | .906 | 12.000 | 1.339 | -6° | -12° | TNMG 332 | 1.3 |
| | | **A20T-DTFNR/L 3** | 1.250 | 1.468 | .765 | 1.181 | 12.000 | 1.417 | -6° | -11° | TNMG 332 | 1.3 |
| | | **A24T-DTFNR/L 3** | 1.500 | 1.760 | .890 | 1.374 | 12.000 | 1.417 | -6° | -9° | TNMG 332 | 1.3 |
| | 1/2 | **A24T-DTFNR/L 4** | 1.500 | 1.760 | .890 | 1.374 | 12.000 | 1.417 | -6° | -15° | TNMG 432 | 2.9 |
| | | **A32U-DTFNR/L 4** | 2.000 | 2.402 | 1.281 | 1.874 | 14.000 | 1.520 | -6° | -11° | TNMG 432 | 2.9 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

Para el conector del refrigerante, véase la página A308

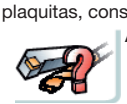
### Piezas de repuesto principales

| Tamaño de plaquita SNM. □ | $iC$ | Diám. de barra, $dm_m$ mm | pulgadas | TNM. △ | $iC$ | Diám. de barra, $dm_m$ mm | pulgadas | Placa de apoyo | Tornillo de la placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 09 | 3/8 | 25 | - | | | | | 5322 426-01 | 5513 020-04 | 5680 051-03 (9IP) | 5412 028-011 |
| 12 | 1/2 | 25-32 | 1.000-1.250 | | | | | 5322 426-02 | 5513 020-02 | 5680 049-01 (15IP) | 5412 028-021[1] |
| 12 | 1/2 | 40 | 1.500 | | | | | 5322 425-01 | 5513 020-02 | 5680 049-01 (15IP) | 5412 028-021[1] |
| | | | | 16 | 3/8 | 25-32 | .750-1.500 | 5322 316-01 | 5513 020-04 | 5680 051-03 (9IP) | 5412 028-011 |
| | | | | 22 | 1/2 | 40-50 | 1.500-2.000 | 5322 315-04 | 5513 020-02 | 5680 049-01 (15IP) | 5412 028-021[1] |

[1]Para modificar los portaplaquitas CoroTurn® RC para otras plaquitas, consulte los juegos de sujeción en la página A353.

A10

A390

G6

A2

A304

J2

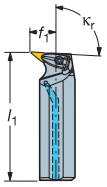
# Barras de mandrinar

## CoroTurn® RC diseño de sujeción rígida

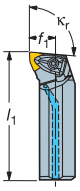
**Cilíndrico con planos**

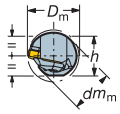
| | DVUNR/L | DWLNR/L |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 93° | $\kappa_r$ 95° |
| Ángulo de ataque: | -3° | -5° |

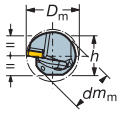
VNMG
VNGP



WNMM,
WNMG
WNGA, WNMA

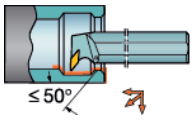


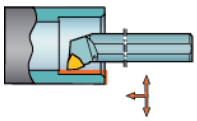



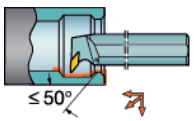

**Voladizo máx. 4 x $dm_m$**
**Todos con suministro de refrigerante interior**
A derechas en la ilustración

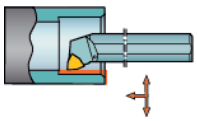
### Versión métrica

| Aplicación principal | | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 16 | **A40T-DVUNR/L 16** | 40 | 50 | 27 | 37 | 300 | 36 | -6° | -9° | VNMG 16 04 08 | 3.0 |

| Aplicación principal | | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 06 | **A25T-DWLNR/L 06** | 25 | 32 | 17 | 23 | 300 | 31 | -6° | - | WNMG 06 04 08 | 1.7 |
| | | **A32T-DWLNR/L 06** | 32 | 40 | 22 | 30 | 300 | 33 | -6° | - | WNMG 06 04 08 | 1.7 |
| | | **A40T-DWLNR/L 06** | 40 | 50 | 27 | 37 | 300 | 36 | -6° | -9° | WNMG 06 04 08 | 1.7 |
| | 08 | **A25T-DWLNR/L 08** | 25 | 32 | 17 | 23 | 300 | 31 | -6° | - | WNMG 08 04 08 | 3.9 |
| | | **A32T-DWLNR/L 08** | 32 | 40 | 22 | 30 | 300 | 33 | -6° | - | WNMG 08 04 08 | 3.9 |
| | | **A40T-DWLNR/L 08** | 40 | 50 | 27 | 37 | 300 | 36 | -6° | - | WNMG 08 04 08 | 3.9 |
| | | **A50U-DWLNR/L 08** | 50 | 63 | 35 | 47 | 350 | 39 | -6° | - | WNMG 08 04 08 | 3.9 |

### Versión en pulgadas

| Aplicación principal | *iC* | Código de pedido | Dimensiones, pulgadas $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 3/8 | **A24T-DVUNR/L 3** | 1.500 | 2.000 | 1.125 | 1.374 | 12.000 | 1.417 | -6° | -8° | VNMG 332 | 2.2 |

| Aplicación principal | *iC* | Código de pedido | Dimensiones, pulgadas $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 3/8 | **A16T-DWLNR/L 3** | 1.000 | 1.299 | .750 | .906 | 12.000 | 1.339 | -6° | -14° | WNMG 332 | 1.3 |
| | | **A20T-DWLNR/L 3** | 1.250 | 1.705 | 1.000 | 1.181 | 12.000 | 1.339 | -6° | -10° | WNMG 332 | 1.3 |
| | 1/2 | **A16T-DWLNR/L 4** | 1.000 | 1.299 | .750 | .906 | 12.000 | 1.339 | -6° | -12° | WNMG 432 | 2.9 |
| | | **A20T-DWLNR/L 4** | 1.250 | 1.705 | 1.000 | 1.181 | 12.000 | 1.339 | -6° | -15° | WNMG 432 | 2.9 |
| | | **A24T-DWLNR/L 4** | 1.500 | 2.000 | 1.000 | 1.374 | 12.000 | 1.339 | -6° | -13° | WNMG 432 | 2.9 |
| | | **A32U-DWLNR/L 4** | 2.000 | 2.500 | 1.325 | 1.874 | 14.000 | 1.339 | -6° | -11° | WNMG 432 | 2.9 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

### Piezas de repuesto principales

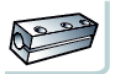
| Tamaño de plaquita VNM. *iC* | Tamaño de plaquita WNM. *iC* | Diám. de barra, $dm_m$ mm | Diám. de barra, $dm_m$ Pulgadas | Placa de apoyo | Tornillo de la placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo |
|---|---|---|---|---|---|---|---|
| 16 3/8 | | 40 | 1.500 | 5322 269-01 | 5513 020-09 | 5680 049-01 (15IP) | 5412 028-061 |
| | 06 3/8 | 25-40 | 1.000-1.250 | 5322 328-01 | 5513 020-04 | 5680 051-03 (9IP) | 5412 028-011 |
| | 08 1/2 | 25-32 | 1.000 | 5322 328-02 | 5513 020-02 | 5680 049-01 (15IP) | 5412 028-021[1] |
| | | 40-50 | 1.250-2.000 | 5322 331-12 | 5513 020-02 | 5680 049-01 (15IP) | 5412 028-021[1] |

[1]Para modificar los portaplaquitas CoroTurn® RC para otras plaquitas, consulte los juegos de sujeción en la página A353.

A10

A390

G6

A2

A304

J2



SANDVIK Coromant

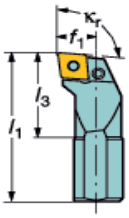
# Barras de mandrinar

## Diseño de palanca T-Max P

**Cilíndrico con planos** **S...-PCLNR/L**

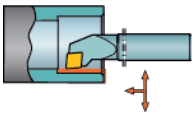
Ángulo de posición: $\kappa_r$ 95°
Ángulo de ataque: -5°

CNMM, CNGP
CNMG
CNMA, CNGA




**Voladizo máx. 4 x $dm_m$**
A derechas en la ilustración

### Versión métrica

| Aplicación principal | □ | iC | Código de pedido | Dimensiones, mm, pulgadas $dm_m$ | $D^m$ min | $f_1$ | $h$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras ISO | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 09 | 3/8 | **S16R-PCLNR/L 09** | 16 | 20 | 11 | 15.0 | 200 | 26 | -6° | -13° | CNMG 09 03 08 | CNMG 322 |
| | | | | *.630* | *.787* | *.433* | *.591* | *7.874* | *1.024* | | | | |
| | | | **S20S-PCLNR/L 09** | 20 | 25 | 13 | 18.0 | 250 | 29 | -6° | -11° | CNMG 09 03 08 | CNMG 322 |
| | | | | *.787* | *.984* | *.512* | *.709* | *9.842* | *1.142* | | | | |
| | | | **S25T-PCLNR/L 09** | 25 | 32 | 17 | 23.0 | 300 | 33 | -6° | -10° | CNMG 09 03 08 | CNMG 322 |
| | | | | *.984* | *1.260* | *.669* | *.906* | *11.811* | *1.299* | | | | |
| | 12 | 1/2 | **S25T-PCLNR/L 12** | 25 | 32 | 17 | 23.0 | 300 | 37 | -6° | -13° | CNMG 12 04 08 | CNMG 432 |
| | | | | *0.984* | *1.260* | *.669* | *.906* | *11.811* | *1.457* | | | | |
| | | | **S32U-PCLNR/L 12** | 32 | 40 | 22 | 30.0 | 350 | 40 | -6° | -11° | CNMG 12 04 08 | CNMG 432 |
| | | | | *1.260* | *1.575* | *.866* | *1.181* | *13.780* | *1.575* | | | | |
| | | | **S40V-PCLNR/L 12** | 40 | 50 | 27 | 37.0 | 400 | 56 | -6° | -10° | CNMG 12 04 08 | CNMG 432 |
| | | | | *1.575* | *1.968* | *1.063* | *1.457* | *15.748* | *2.205* | | | | |
| | 16 | 5/8 | **S50W-PCLNR/L 16** | 50 | 63 | 35 | 47.0 | 450 | 56 | -6° | -11° | CNMG 16 06 12 | CNMG 543 |
| | | | | *1.969* | *2.480* | *1.378* | *1.850* | *17.716* | *2.205* | | | | |
| | 19 | 3/4 | **S50W-PCLNR/L 19** | 50 | 63 | 35 | 47.0 | 450 | 63 | -6° | -11° | CNMG 19 06 12 | CNMG 643 |
| | | | | *1.969* | *2.480* | *1.378* | *1.850* | *17.716* | *2.480* | | | | |

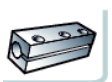
1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda

Para el conector del refrigerante, véase la página A308

### Piezas de repuesto principales

| Tamaño de plaquita □ | iC | Diám. de barra, $dm_m$ mm | Pulgadas | Palanca | Tornillo | Llave (mm) | Placa de apoyo |
|---|---|---|---|---|---|---|---|
| 09 | 3/8 | 16-25 | .630-.984 | 174.3-845-1 | 174.3-829 | 170.3-864 (1.98) | - |
| 12 | 1/2 | 25 | .984 | 438.3-841-1 | 438.3-832M | 174.1-863 (2.5) | - |
| 12 | 1/2 | 32 | 1.260 | 174.3-848M | 174.3-858 | 174.1-864 (3.0) | 171.31-850M |
| 12 | 1/2 | 40 | 1.575 | 174.3-841M | 174.3-821 | 174.1-864 (3.0) | 171.31-850M |
| 16 | 5/8 | 50 | 1.969 | 438.3-840 | 438.3-831 | 174.1-864 (3.0) | 171.31-852 |
| 19 | 3/4 | 50 | 1.969 | 174.3-849M | 174.3-822M | 3021 010-040 (4.0) | 171.31-851M |

A9
A247
A391
G6
A2
 A304
J2

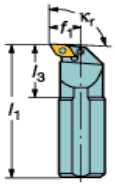
# Barras de mandrinar

## Diseño de palanca T-Max P

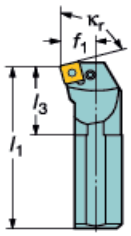
**Cilíndrico con planos**

| | S...-PDUNR/L | S...-PSKNR/L |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 93° | $\kappa_r$ 75° |
| Ángulo de ataque: | -3° | 15° |

DNMM, DNGP, DNMX
DNMG
DNMA, DNGA

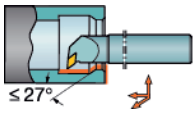


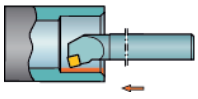
SNMM
SNMG
SNMA, SNGA




**Voladizo máx. 4 x $dm_m$**
A derechas en la ilustración

### Versión métrica

| Aplicación principal | | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  ≤27° | 11 | S25T-PDUNR/L 11 | 25 | 32 | 17 | 23 | 300 | 35 | -6° | -11° | DNMG 11 04 08 |
| | | S32U-PDUNR/L 11 | 32 | 40 | 22 | 30 | 350 | 40 | -6° | -10° | DNMG 11 04 08 |
| | 15 | S40V-PDUNR/L 15 | 40 | 50 | 27 | 37 | 400 | 56 | -6° | -11° | DNMG 15 06 08 |
| | | S50W-PDUNR/L 15 | 50 | 63 | 35 | 47 | 450 | 63 | -6° | -10° | DNMG 15 06 08 |

| Aplicación principal | | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 12 | S25T-PSKNR/L 12 | 25 | 32 | 17 | 23 | 300 | 36.8 | -6° | -11° | SNMG 12 04 08 |
| | | S32U-PSKNR/L 12 | 32 | 40 | 22 | 30 | 350 | 37.8 | -6° | -10° | SNMG 12 04 08 |
| | | S40V-PSKNR/L 12 | 40 | 50 | 27 | 37 | 400 | 49.8 | -6° | -10° | SNMG 12 04 08 |

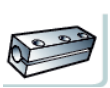
1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda

Para el conector del refrigerante, véase la página A308

### Piezas de repuesto principales

| Tamaño de plaquita DNM. | Diám. de barra, $dm_m$ mm | SNM. | $iC$ | Diám. de barra, $dm_m$ mm | Palanca | Tornillo | Llave (mm) | Placa de apoyo |
|---|---|---|---|---|---|---|---|---|
| 11 | 25 | | | | 5432 015-021 | 438.3-830 | 174.1-870 (1.98) | - |
| 11 | 32 | | | | 5432 001-01 | 174.3-820M | 174.1-863 (2.5) | 5322 255-01 |
| 15 | 40-50 | | | | 174.3-847M | 174.3-830 | 174.1-864 (3.0) | 171.35-851M |
| | | 12 | 1/2 | 25 | 438.3-841-1 | 438.3-832M | 174.1-863 (2.5) | - |
| | | 12 | 1/2 | 32 | 174.3-848M | 174.3-858 | 174.1-864 (3.0) | 174.3-851M |
| | | 12 | 1/2 | 40 | 174.3-841M | 174.3-821 | 174.1-864 (3.0) | 174.3-851M |

A9
A248
A391
G6
A2
 A304
J2



SANDVIK Coromant

# Barras de mandrinar

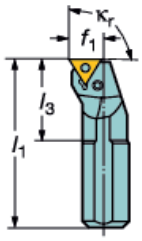
**Cilíndrico con planos**

**Diseño de palanca T-Max P**

**S...-PTFNR/L**

Ángulo de posición: $\kappa_r$ 91°
Ángulo de ataque: -1°

TNMM, TNMX
TNMG
TNMA, TNGA

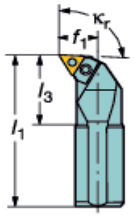



**Diseño con cuña T-Max P**

**S...PTFNR/L-W**

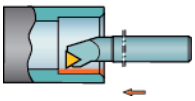
$\kappa_r$ 91°
-1°

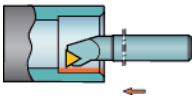
TNMM, TNMX
TNMG
TNMA, TNGA




**Voladizo máx. 4 x $dm_m$**
A derechas en la ilustración

## Versión métrica

| Aplicación principal | △ | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 11 | **S16R-PTFNR/L 11** | 16 | 20 | 11 | 15 | 200 | 27 | -6° | -14° | TNMG 11 03 04 |
| | | **S20S-PTFNR/L 11** | 20 | 25 | 13 | 18 | 250 | 30 | -6° | -12° | TNMG 11 03 04 |
| | | **S25T-PTFNR/L 11** | 25 | 32 | 17 | 23 | 300 | 34 | -6° | -10° | TNMG 11 03 04 |

| Aplicación principal | △ | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 16 | **S25T-PTFNR/L 16-W** | 25 | 32 | 17 | 23 | 300 | 36.8 | -6° | -13° | TNMG 16 04 08 |
| | | **S32U-PTFNR/L 16-W** | 32 | 40 | 22 | 30 | 350 | 45 | -6° | -12° | TNMG 16 04 08 |
| | | **S40V-PTFNR/L 16-W** | 40 | 50 | 27 | 37 | 400 | 49.5 | -6° | -11° | TNMG 16 04 08 |
| | | **S50W-PTFNR/L 16-W** | 50 | 63 | 35 | 47 | 450 | 56 | -6° | -10° | TNMG 16 04 08 |
| | 22 | **S40V-PTFNR/L 22-W** | 40 | 50 | 27 | 37 | 400 | 58.9 | -6° | -11° | TNMG 22 04 08 |
| | | **S50W-PTFNR/L 22-W** | 50 | 63 | 35 | 47 | 450 | 65.9 | -6° | -10° | TNMG 22 04 08 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación

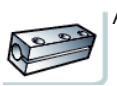
R = A Derecha, L = A Izquierda

Para el conector del refrigerante, véase la página A308

## Piezas de repuesto principales

| Tamaño de plaquita △ | Diám. de barra, $dm_m$ mm | Palanca | Tornillo | Llave (mm) |
|---|---|---|---|---|
| 11 | 16-25 | 174.3-846-1 | 174.3-829 | 170.3-864 (1.98) |

| Tamaño de plaquita △ | Diám. de barra, $dm_m$ mm | Juego de cuña | Llave (mm) | Placa de apoyo | Pasador | Tornillo | Llave (mm/Torx Plus) |
|---|---|---|---|---|---|---|---|
| 16 | 25 | 170.38-823-2 | 174.1-864 (3.0) | - | 5313 021-01 | 5512 031-01 | 5680 051-03 (9IP) |
| 16 | 32-40 | 170.38-823-1 | 174.1-864 (3.0) | 170.3-852 | 5313 021-02 | 5512 031-01 | 5680 051-03 (9IP) |
| 16 | 50 | 170.38-823-1 | 174.1-864 (3.0) | 170.3-852 | 5313 021-02 | 3212 100-206 | 174.1-870 (1.98) |
| 22 | 40-50 | 170.38-824-1 | 3021 010-040 (4.0) | 170.3-855 | 5313 021-03 | 5512 031-02 | 5680 049-02 (15IP) |

A9
A249
A391
G6
A2
 A304
J2

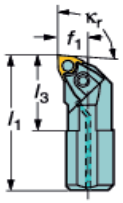
# Barras de mandrinar

## Diseño de sujeción con cuña T-Max P

**Cilíndrico con planos** **A...-MWLNR/L**

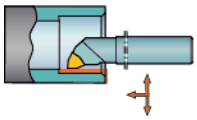
Ángulo de posición: $\kappa_r$ 95°
Ángulo de ataque: -5°

WNMM,
WNMG
WNGA, WNMA

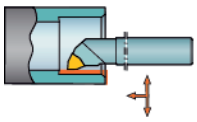



**Voladizo máx. 4 x $dm_m$**
A derechas en la ilustración

### Versión métrica

| Aplicación principal | iC | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 06 | **A20S-MWLNR/L 06** | 20 | 25 | 13 | 18 | 250 | 32.3 | -6° | -14° | WNMG 06 04 08 |
| | | **A25T-MWLNR/L 06** | 25 | 32 | 17 | 23 | 300 | 31.7 | -6° | -12° | WNMG 06 04 08 |
| | | **A32U-MWLNR/L 06** | 32 | 40 | 22 | 30 | 350 | 40 | -6° | -14° | WNMG 06 04 08 |
| | 08 | **A25T-MWLNR/L 08** | 25 | 32 | 17 | 23 | 300 | 39.9 | -6° | -14° | WNMG 08 04 08 |
| | | **A32U-MWLNR/L 08** | 32 | 40 | 22 | 30 | 350 | 40 | -6° | -14° | WNMG 08 04 08 |
| | | **A40V-MWLNR/L 08** | 40 | 50 | 27 | 37 | 400 | 56 | -6° | -12° | WNMG 08 04 08 |
| | | **A50W-MWLNR/L 08** | 50 | 63 | 35 | 47 | 450 | 60 | -6° | -10° | WNMG 08 04 08 |

### Versión en pulgadas

| Aplicación principal | iC | Código de pedido | Dimensiones, pulgadas $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 3/8 | **S16T-MWLNR/L 3** | 1.000 | 1.280 | .640 | .710 | 12.000 | 1.250 | 6° | -12° | WNMG 332 |
| | | **S20U-MWLNR/L 3** | 1.250 | 1.530 | .760 | .910 | 14.000 | 1.250 | 6° | -15° | WNMG 332 |
| | | **S24V-MWLNR/L 3** | 1.500 | 2.252 | 1.125 | 1.110 | 15.750 | 1.570 | 6° | -12° | WNMG 332 |
| | | **S32W-MWLNR/L 3** | 2.000 | 2.559 | 1.281 | 1.310 | 17.750 | 1.570 | 6° | -12° | WNMG 332 |
| | 1/2 | **S16T-MWLNR/L 4** | 1.000 | 1.280 | .640 | .910 | 12.000 | 1.570 | 6° | -14° | WNMG 432 |
| | | **S20U-MWLNR/L 4** | 1.250 | 1.530 | .760 | 1.180 | 14.000 | 1.250 | 6° | -14° | WNMG 432 |
| | | **S24V-MWLNR/L 4** | 1.500 | 2.252 | 1.125 | 1.110 | 15.750 | 1.570 | 6° | -14° | WNMG 432 |
| | | **S32W-MWLNR/L 4** | 2.000 | 2.559 | 1.281 | 1.310 | 17.750 | 1.570 | 6° | -14° | WNMG 432 |

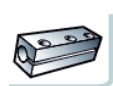
1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda

Para el conector del refrigerante, véase la página A308

### Piezas de repuesto principales

| Tamaño de plaquita iC | Diám. de barra, $dm_m$ mm | Diám. de barra, $dm_m$ pulgadas | Juego de brida-cuña | Llave (mm) | Placa de apoyo | Pasador | Tornillo | Llave (mm) |
|---|---|---|---|---|---|---|---|---|
| 06 3/8 | - | 1.000 | 5431 125-011 | 170.3-860 (2.5) | - | 5313 022-02 | 5512 030-03 | 170.3-864 (1.98) |
| 06 3/8 | 20 | - | 5431 125-011 | 170.3-860 (2.5) | | 5313 022-02 | | |
| 06 3/8 | - | 1.250 | 5431 125-011 | 170.3-860 (2.5) | 5322 331-06 | 5313 022-01 | 5512 030-03 | 170.3-864 (1.98) |
| 06 3/8 | - | 1.500 | 5431 125-011 | 170.3-860 (2.5) | - | 5313 022-01 | 5512 030-03 | 170.3-864 (1.98) |
| 06 3/8 | 25 | - | 5431 125-011 | 170.3-860 (2.5) | 5322 331-11 | 5313 022-02 | | 170.3-864 (1.98) |
| 06 3/8 | 32 | - | 5431 125-011 | 170.3-860 (2.5) | 5322 331-06 | 5313 022-01 | 5512 030-03 | - |
| 06 3/8 | - | 2.000 | 5431 125-011 | 170.3-860 (2.5) | - | 5313 022-02 | - | - |
| 08 1/2 | 25 | 1.000 | 5431 125-021 | 174.1-864 (3.0) | 5322 331-09 | 5313 022-03 | - | - |
| 08 1/2 | 32-50 | 1.250-2.000 | 5431 125-021 | 174.1-864 (3.0) | 5322 331-07 | 5313 022-03 | 5512 030-04 | 174.1-863 (2.5) |

A9
A251
A394
G6
A2
 A304
J2



SANDVIK Coromant

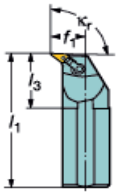
# Barras de mandrinar

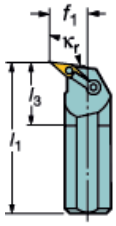
**Diseño de sujeción superior con excéntrica y brida superior T-Max P**

**Cilíndrico con planos**

| | S...-MVUNR/L | R/LVMJN |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 93° | $\kappa_r$ 93° |
| Ángulo de ataque: | -3° | -3° |

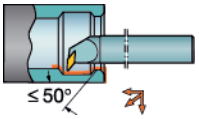
VNMG
VNGP



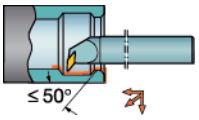




**Max overhang 4 x $dm_m$**
A derechas en la ilustración

## Versión métrica

| Aplicación principal | | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  ≤ 50° | 16 | S40V-MVUNR/L 16 | 40 | 50 | 27 | 37 | 400 | 56 | -6° | -10° | VNMG 16 04 08 |

## Versión en pulgadas

| Aplicación principal | *iC* | Código de pedido | Dimensiones, pulgadas $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $l_3$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  ≤ 50° | 3/8 | R/LVMJN 20 3 | 1.250 | 2.250 | 1.125 | 1.180 | 14.000 | 5.000 | 5° | -12° | VNMG 332 |
| | | LVMJN 24 3 | 1.500 | 2.500 | 1.225 | 1.370 | 15.000 | 6.000 | -5° | -12° | VNMG 332 |

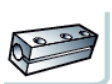
1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda

Para el conector del refrigerante, véase la página A308

## Piezas de repuesto principales

| Tamaño de plaquita | | Diám. de barra, $dm_m$ | | Amarre | Tornillo de sujeción | Llave | Placa de apoyo | Pasador de blocaje | Llave |
|---|---|---|---|---|---|---|---|---|---|
| | *iC* | mm | Pulgadas | | | | | | |
| 16 | 3/8 | 40 | 1.250-1.500 | MC-12 | MS-510 | 3021 011-532 (5/32) | MVN-322 | MN-34L | 174.1-870 (5/64) |

A9
G6
A2
 A304
J2

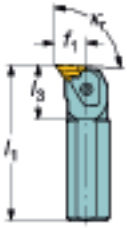
# Barras de mandrinar para copiado

**T-Max® diseño de brida superior**

**Cilíndrico con planos** **CKUNR/L**

Ángulo de posición: $\kappa_r$ 93°
Ángulo de ataque: -3°

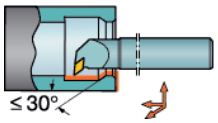
KNUX, KNMX



Las herramientas a derecha (R) se deben utilizar con plaquitas a izquierda (L), y las herramientas a izquierda (L) con plaquitas a derecha (R).

A derechas en la ilustración

## Versión métrica

| Aplicación principal | | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $h_1$ | $l_1$ | $l_3$ | $\gamma$ 1) | $\lambda s$ 2) | Plaquitas calibradoras |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 16 | **S32U-CKUNR/L 16** | 32 | 44 | 22 | 30 | 15.0 | 350 | 54 | -6° | -10° | KNUX 16 04 05R |
| | | **S40V-CKUNR/L 16** | 40 | 48 | 27 | 37 | 18.5 | 400 | 60 | -6° | -8° | KNUX 16 04 05R |



1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación

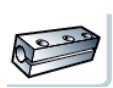
R = A Derecha, L = A Izquierda

Para el conector del refrigerante, véase la página A308

## Piezas de repuesto principales

| Amarre A derecha | Amarre A izquierda | Tornillo | Llave (mm) | Placas de apoyo para barras mano derecha | Placa de apoyo para barras mano izquierda |
|---|---|---|---|---|---|
| 170.5-825 | 170.5-824 | 170.5-865 | 3021 010-040 (4.0) | L170.5-851 1)<br>L170.5-852 2)<br>L170.5-850 3) | R170.5-851 1)<br>R170.5-852 2)<br>R170.5-850 3) |

1) Ajuste estándar: Para plaquitas con $r_\varepsilon$ = 1,0 mm.
2) Optional shim delivered to separate order. For insert with $r_\varepsilon$ = 6.5 mm
3) Optional shim delivered to separate order. For insert with $r_\varepsilon$ = 1.5 mm

A43
G6
A2
 A304
J2



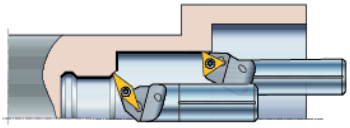
SANDVIK Coromant

# CoroTurn® 107/111 sujeción por tornillo

## Herramientas interiores para plaquitas de forma básica positiva con ángulo de incidencia de 7° y 11°

**Para desbaste ligero a acabado de componentes pequeños, largos y esbeltos, ideal para coperaciones de copiar o perfilar**

Los sistemas CoroTurn® 107/111 están disponibles como unidades de corte Coromant Capto® y en diseño convencional de mango de acero para todas las formas de plaquita y de ángulos de avance



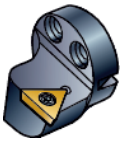
### Un sistema de sujeción por tornillo que ofrece:

- una sujeción segura de la plaquita
- una excelente repetibilidad
- un flujo de la viruta sin obstrucciones
- pocas piezas de requesto

### Distintos tipos de barras

Las barras de mandrinar CoroTurn® 107 y 111 están disponibles como:

- Acero, para voladizo hasta 4 x diám. barra
- Metal duro, para voladizo hasta 6 x diám. barra
- Metal duro y antivibratorio, para voladizo hasta 10 x diám. barra.



### CoroTurn® SL, la solución interior modular

Los sistemas positivos CoroTurn® 107 y 111 también se pueden utilizar en el sistema modular CoroTurn® SL con cabezas de corte intercambiables y distintos tipos de barras de mandrinar, consulte la página I11

### Sujeción correcta con EasyFix

Centrado rápido, sencillo y correcto gracias al posicionador guía. Disponible para todas las barras de mandrinar cilíndricas. Para obtener más información, véase la página A304

### CoroTurn® XS

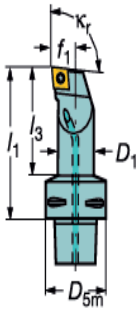
Para agujeros aún más pequeños, hasta 0.3 mm (0.012 pulgadas), utilice herramientas CoroTurn® XS. Consulte la página A309

# Barras de mandrinar Coromant Capto®

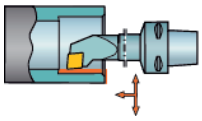
**Diseño de sujeción por tornillo CoroTurn® 107**

**SCLCR/L**
Ángulo de posición: $\kappa_r$ 95°
Ángulo de ataque: -5°

CCMT, CCGT
CCGX, CCET
CCMW




Entrada de refrigerante: radial a través del cono
A derechas en la ilustración

| Aplicación principal | □ | iC | Código de pedido | Dimensiones, mm, pulgadas $D_{5m}$ | Dm min | $D_1$ | $f_1$ | $l_1$ | $l_3$ | $\gamma$1) | $\lambda_s$2) | Plaquitas calibradoras ISO | ANSI | Nm3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 09 | 3/8 | C3-SCLCR/L-11065-09 | 32 | 20 | 16 | 11 | 65 | 48 | 0° | -12° | CCMT 09 T3 08 | CCMT 3(2.5)2 | 3.0 |
| | | | | *1.260* | *.787* | *.630* | *.433* | *2.559* | *1.890* | | | | | |
| | | | C3-SCLCR/L-13075-09 | 32 | 25 | 20 | 13 | 75 | 59 | 0° | -8° | CCMT 09 T3 08 | CCMT 3(2.5)2 | 3.0 |
| | | | | *1.260* | *.984* | *.787* | *.512* | *2.953* | *2.323* | | | | | |
| | | | C3-SCLCR/L-17090-09 | 32 | 32 | 25 | 17 | 90 | 75 | 0° | -6° | CCMT 09 T3 08 | CCMT 3(2.5)2 | 3.0 |
| | | | | *1.260* | *1.260* | *.984* | *.669* | *3.543* | *2.953* | | | | | |
| | | | C4-SCLCR/L-11070-09 | 40 | 20 | 16 | 11 | 70 | 47 | 0° | -12° | CCMT 09 T3 08 | CCMT 3(2.5)2 | 3.0 |
| | | | | *1.575* | *.787* | *.630* | *.433* | *2.756* | *1.850* | | | | | |
| | | | C4-SCLCR/L-13080-09 | 40 | 25 | 20 | 13 | 80 | 58 | 0° | -8° | CCMT 09 T3 08 | CCMT 3(2.5)2 | 3.0 |
| | | | | *1.575* | *.984* | *.787* | *.512* | *3.150* | *2.284* | | | | | |
| | | | C4-SCLCR/L-17090-09 | 40 | 32 | 25 | 17 | 90 | 69 | 0° | -6° | CCMT 09 T3 08 | CCMT 3(2.5)2 | 3.0 |
| | | | | *1.575* | *1.260* | *.984* | *.669* | *3.543* | *2.716* | | | | | |
| | | | C4-SCLCR/L-27080-09 | 40 | 50 | 40 | 27 | 80 | 60 | 0° | -6° | CCMT 09 T3 08 | CCMT 3(2.5)2 | 3.0 |
| | | | | *1.575* | *1.968* | *1.575* | *1.063* | *3.150* | *2.362* | | | | | |
| | | | C5-SCLCR/L-11070-09 | 50 | 20 | 16 | 11 | 70 | 46 | 0° | -12° | CCMT 09 T3 08 | CCMT 3(2.5)2 | 3.0 |
| | | | | *1.968* | *.787* | *.630* | *.433* | *2.756* | *1.811* | | | | | |
| | | | C5-SCLCR/L-13080-09 | 50 | 25 | 20 | 13 | 80 | 56 | 0° | -8° | CCMT 09 T3 08 | CCMT 3(2.5)2 | 3.0 |
| | | | | *1.968* | *.984* | *.787* | *.512* | *3.150* | *2.205* | | | | | |
| | | | C5-SCLCR/L-17090-09 | 50 | 32 | 25 | 17 | 90 | 67 | 0° | -6° | CCMT 09 T3 08 | CCMT 3(2.5)2 | 3.0 |
| | | | | *1.968* | *1.260* | *.984* | *.669* | *3.543* | *2.638* | | | | | |
| | | | C5-SCLCR/L-35100-09 | 50 | 63 | 50 | 35 | 100 | 81 | 0° | -4° | CCMT 09 T3 08 | CCMT 3(2.5)2 | 3.0 |
| | | | | *1.968* | *2.480* | *1.968* | *1.378* | *3.937* | *3.189* | | | | | |
| | 12 | 1/2 | C3-SCLCR/L-17090-12 | 32 | 32 | 25 | 17 | 90 | 75 | 0° | -6° | CCMT 12 04 08 | CCMT 432 | 3.0 |
| | | | | *1.260* | *1.260* | *.984* | *.669* | *3.543* | *2.953* | | | | | |
| | | | C3-SCLCR/L-22064-12 | 32 | 40 | 32 | 22 | 64 | 50 | 0° | -10° | CCMT 12 04 08 | CCMT 432 | 3.0 |
| | | | | *1.260* | *1.575* | *1.260* | *.866* | *2.520* | *1.968* | | | | | |
| | | | C3-SCLCR/L-22096-12 | 32 | 40 | 32 | 22 | 96 | 82 | 0° | -10° | CCMT 12 04 08 | CCMT 432 | 3.0 |
| | | | | *1.260* | *1.575* | *1.260* | *.866* | *3.780* | *3.228* | | | | | |
| | | | C4-SCLCR/L-17090-12 | 40 | 32 | 25 | 17 | 90 | 69 | 0° | -6° | CCMT 12 04 08 | CCMT 432 | 3.0 |
| | | | | *1.575* | *1.260* | *.984* | *.669* | *3.543* | *2.716* | | | | | |
| | | | C4-SCLCR/L-22110-12 | 40 | 40 | 32 | 22 | 110 | 89 | 0° | -10° | CCMT 12 04 08 | CCMT 432 | 3.0 |
| | | | | *1.575* | *1.575* | *1.260* | *.866* | *4.331* | *3.504* | | | | | |
| | | | C4-SCLCR/L-27080-12 | 40 | 50 | 40 | 27 | 80 | 60 | 0° | -8° | CCMT 12 04 08 | CCMT 432 | 3.0 |
| | | | | *1.575* | *1.968* | *1.575* | *1.063* | *3.150* | *2.362* | | | | | |
| | | | C5-SCLCR/L-17090-12 | 50 | 32 | 25 | 17 | 90 | 67 | 0° | -6° | CCMT 12 04 08 | CCMT 432 | 3.0 |
| | | | | *1.968* | *1.260* | *.984* | *.669* | *3.543* | *2.638* | | | | | |
| | | | C5-SCLCR/L-22110-12 | 50 | 40 | 32 | 22 | 110 | 88 | 0° | -10° | CCMT 12 04 08 | CCMT 432 | 3.0 |
| | | | | *1.968* | *1.575* | *1.260* | *.866* | *4.331* | *3.465* | | | | | |
| | | | C5-SCLCR/L-27140-12 | 50 | 50 | 40 | 27 | 140 | 119 | 0° | -8° | CCMT 12 04 08 | CCMT 432 | 3.0 |
| | | | | *1.968* | *1.968* | *1.575* | *1.063* | *5.512* | *4.685* | | | | | |
| | | | C5-SCLCR-35100-12 | 50 | 63 | 50 | 35 | 100 | 80 | 0° | -5° | CCMT 12 04 08 | CCMT 432 | 3.0 |
| | | | | *1.968* | *2.480* | *1.968* | *1.378* | *3.937* | *3.150* | | | | | |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de □ | iC | Diám. de barra, D1 mm | Pulgadas | Tornillo de plaquita (Rosca) | Placa de apoyo | Tornillo de placa de apoyo (rosca) | Llave (Torx Plus/mm) |
|---|---|---|---|---|---|---|---|
| 09 | 3/8 | 16-20 | .630-.787 | 5513 020-09 (M3.5) | - | - | 5680 049-01 (15IP/3.5) |
| 09 | 3/8 | 25 | .984 | 5513 020-10 (M3.5) | - | - | 5680 049-01 (15IP/3.5) |
| 09 | 3/8 | 40 - 50 | 1.563-1.968 | 5513 020-01 (M3.5) | 5322 232-01 | 5512 090-01 (M3.5) | 5680 049-01 (15IP/3.5) |
| 12 | 1/2 | 25 | .984 | 5513 020-17 (M4x0.5) | - | - | 5680 049-02 (15IP/4.0) |
| 12 | 1/2 | 32 - 50 | 1.248-1.968 | 5513 020-18 (M4x0.5) | 5322 232-02 | 5512 090-03 (M3.5) | 5680 049-02 (15IP/4.0) |

A9
A252
A396
G6
A2
J2



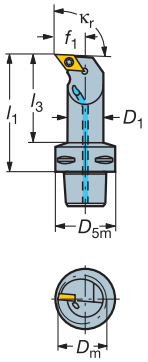
SANDVIK Coromant

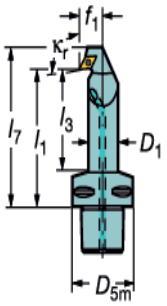
# Barras de mandrinar Coromant Capto®

**Diseño de sujeción por tornillo CoroTurn® 107**

| | SDUCR/L | SDUCR/L-X |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 93° | $\kappa_r$ 93° |
| Ángulo de ataque: | -3° | -3° |

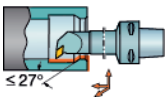
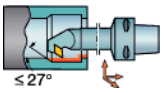
DCMT, DCMX
DCGT, DCGX, DCET
DCMW




Entrada de refrigerante: radial a través del cono
A derechas en la ilustración

Mandrinado a tracción

| Aplicación principal | | iC | Código de pedido | Dimensiones, mm, pulgadas $D_{5m}$ | Dm min | $D_1$ | $f_1$ | $l_1$ | $l_3$ | $l_7$ | $\gamma$[1] | $\lambda_s$[2] | Plaquitas calibradoras ISO | ANSI | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 07 | 1/4 | C3-SDUCR/L-11065-07 | 32 | 20 | 16 | 11 | 65 | 48 | | 0° | -8° | DCMT 07 02 04 | DCMT 2(1.5)1 | 0.9 |
| | | | | 1.260 | .787 | .630 | .433 | 2.559 | 1.890 | | | | | | |
| | | | C4-SDUCR/L-11070-07 | 40 | 20 | 16 | 11 | 70 | 47 | | 0° | -8° | DCMT 07 02 04 | DCMT 2(1.5)1 | 0.9 |
| | | | | 1.575 | .787 | .630 | .433 | 2.756 | 1.850 | | | | | | |
| | | | C5-SDUCR/L-11070-07 | 50 | 20 | 16 | 11 | 70 | 46 | | 0° | -8° | DCMT 07 02 04 | DCMT 2(1.5)1 | 0.9 |
| | | | | 1.968 | .787 | .630 | .433 | 2.756 | 1.811 | | | | | | |
| | 11 | 3/8 | C3-SDUCR/L-13075-11 | 32 | 25 | 20 | 13 | 75 | 59 | | 0° | -8° | DCMT 11 T3 08 | DCMT 3(2.5)2 | 3.0 |
| | | | | 1.260 | .984 | .787 | .512 | 2.953 | 2.323 | | | | | | |
| | | | C3-SDUCR/L-17090-11 | 32 | 32 | 25 | 17 | 90 | 75 | | 0° | -6° | DCMT 11 T3 08 | DCMT 3(2.5)2 | 3.0 |
| | | | | 1.260 | 1.260 | .984 | .669 | 3.543 | 2.953 | | | | | | |
| | | | C3-SDUCR/L-22064-11 | 32 | 40 | 32 | 22 | 64 | 50 | | 0° | -6° | DCMT 11 T3 08 | DCMT 3(2.5)2 | 3.0 |
| | | | | 1.260 | 1.575 | 1.260 | .866 | 2.520 | 1.968 | | | | | | |
| | | | C3-SDUCR/L-22096-11 | 32 | 40 | 32 | 22 | 96 | 82 | | 0° | -6° | DCMT 11 T3 08 | DCMT 3(2.5)2 | 3.0 |
| | | | | 1.260 | 1.575 | 1.260 | .866 | 3.780 | 3.228 | | | | | | |
| | | | C4-SDUCR/L-13080-11 | 40 | 25 | 20 | 13 | 80 | 58 | | 0° | -8° | DCMT 11 T3 08 | DCMT 3(2.5)2 | 3.0 |
| | | | | 1.575 | .984 | .787 | .512 | 3.150 | 2.284 | | | | | | |
| | | | C4-SDUCR/L-17090-11 | 40 | 32 | 25 | 17 | 90 | 69 | | 0° | -6° | DCMT 11 T3 08 | DCMT 3(2.5)2 | 3.0 |
| | | | | 1.575 | 1.260 | .984 | .669 | 3.543 | 2.716 | | | | | | |
| | | | C4-SDUCR/L-22110-11 | 40 | 40 | 32 | 22 | 110 | 89 | | 0° | -6° | DCMT 11 T3 08 | DCMT 3(2.5)2 | 3.0 |
| | | | | 1.575 | 1.575 | 1.260 | .866 | 4.331 | 3.504 | | | | | | |
| | | | C4-SDUCR/L-27080-11 | 40 | 50 | 40 | 27 | 80 | 60 | | 0° | -6° | DCMT 11 T3 08 | DCMT 3(2.5)2 | 3.0 |
| | | | | 1.575 | 1.968 | 1.575 | 1.063 | 3.150 | 2.362 | | | | | | |
| | | | C5-SDUCR/L-13080-11 | 50 | 25 | 20 | 13 | 80 | 56 | | 0° | -8° | DCMT 11 T3 08 | DCMT 3(2.5)2 | 3.0 |
| | | | | 1.968 | .984 | .787 | .512 | 3.150 | 2.205 | | | | | | |
| | | | C5-SDUCR/L-17090-11 | 50 | 32 | 25 | 17 | 90 | 67 | | 0° | -6° | DCMT 11 T3 08 | DCMT 3(2.5)2 | 3.0 |
| | | | | 1.968 | 1.260 | .984 | .669 | 3.543 | 2.638 | | | | | | |
| | | | C5-SDUCR/L-22110-11 | 50 | 40 | 32 | 22 | 110 | 88 | | 0° | -6° | DCMT 11 T3 08 | DCMT 3(2.5)2 | 3.0 |
| | | | | 1.968 | 1.575 | 1.260 | .866 | 4.331 | 3.465 | | | | | | |
| | | | C5-SDUCR/L-35100-11 | 50 | 63 | 50 | 35 | 100 | 81 | | 0° | -4° | DCMT 11 T3 08 | DCMT 3(2.5)2 | 3.0 |
| | | | | 1.968 | 2.480 | 1.968 | 1.378 | 3.937 | 3.189 | | | | | | |
|  | 07 | 1/4 | C3-SDUCR/L-13070-07X | 32 | 22 | 16 | 13 | 70 | 54 | 80.7 | 0° | -6° | DCMT 07 02 04 | DCMT 2(1.5)1 | 0.9 |
| | | | | 1.260 | .866 | .630 | .512 | 2.756 | 2.126 | 3.177 | | | | | |
| | | | C3-SDUCR/L-15080-07X | 32 | 27 | 20 | 15 | 80 | 64 | 80.7 | 0° | -3° | DCMT 07 02 04 | DCMT 2(1.5)1 | 0.9 |
| | | | | 1.260 | 1.063 | .787 | .591 | 3.150 | 2.520 | 3.177 | | | | | |
| | | | C4-SDUCR/L-13070-07X | 40 | 22 | 16 | 13 | 70 | 48 | 80.7 | 0° | -6° | DCMT 07 02 04 | DCMT 2(1.5)1 | 0.9 |
| | | | | 1.575 | .866 | .630 | .512 | 2.756 | 1.890 | 3.177 | | | | | |
| | | | C4-SDUCR/L-15080-07X | 40 | 27 | 20 | 15 | 80 | 58 | 91.5 | 0° | -3° | DCMT 07 02 04 | DCMT 2(1.5)1 | 0.9 |
| | | | | 1.575 | 1.063 | .787 | .591 | 3.150 | 2.284 | 3.602 | | | | | |
| | | | C4-SDUCR/L-18090-07X | 40 | 32 | 25 | 18 | 90 | 69 | 101.5 | 0° | -3° | DCMT 07 02 04 | DCMT 2(1.5)1 | 0.9 |
| | | | | 1.575 | 1.260 | .984 | .709 | 3.543 | 2.716 | 3.996 | | | | | |
| | | | C5-SDUCR/L-15080-07X | 50 | 27 | 20 | 15 | 80 | 57 | 91.5 | 0° | -3° | DCMT 07 02 04 | DCMT 2(1.5)1 | 0.9 |
| | | | | 1.968 | 1.063 | .787 | .591 | 3.150 | 2.244 | 3.602 | | | | | |
| | | | C5-SDUCR/L-18090-07X | 50 | 32 | 25 | 18 | 90 | 67 | 101.5 | 0° | -3° | DCMT 07 02 04 | DCMT 2(1.5)1 | 0.9 |
| | | | | 1.968 | 1.260 | .984 | .709 | 3.543 | 2.638 | 3.996 | | | | | |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de | | Diám. de barra, D1 | | | | | |
|---|---|---|---|---|---|---|---|
| | iC | mm | pulgadas | Tornillo de plaquita (rosca) | Placa de apoyo | Tornillo de placa de apoyo (rosca) | Llave (Torx Plus/mm) |
| 07 | 1/4 | 16-25 | .630-.984 | 5513 020-03 (M2.5) | - | - | 5680 051-02 (7IP) |
| 11 | 3/8 | 20-25 | .787-.984 | 5513 020-10 (M3.5) | - | - | 5680 049-01 (15IP/3.5) |
| 11 | 3/8 | 32-50 | 1.260-1.968 | 5513 020-01 (M3.5) | 5322 263-01 | 5512 090-01 (M3.5) | 5680 049-01 (15IP/3.5) |

A9
A252
A396
G6
A2
J2

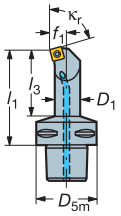
# Barras de mandrinar Coromant Capto®

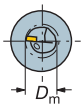
**Diseño de sujeción por tornillo CoroTurn® 107**

**SSKCR/L**

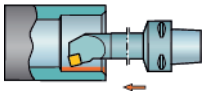
Ángulo de posición: $\kappa_r$ 75°
Ángulo de ataque: 15°

SCMT, SCGX
SCMW




Entrada de refrigerante: radial a través del cono
A derechas en la ilustración

| Aplicación principal | □ | *iC* | **Código de pedido** | Dimensiones, mm, pulgadas $D_{5m}$ | $D_m$ min | $D_1$ | $f_1$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras ISO | ANSI | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 09 | 3/8 | **C4-SSKCR-13080-09** | 40 | 25 | 20 | 13 | 80 | 58 | 0° | -6° | SCMT 09 T3 08 | SCMT 3(2.5)2 | 3.0 |
| | | | | *1.575* | *.984* | *.787* | *.512* | *3.150* | *2.284* | | | | | |
| | | | **C5-SSKCR/L-13080-09** | 50 | 25 | 20 | 13 | 80 | 56 | 0° | -6° | SCMT 09 T3 08 | SCMT 3(2.5)2 | 3.0 |
| | | | | *1.968* | *.984* | *.787* | *.512* | *3.150* | *2.205* | | | | | |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita □ | *iC* | Tornillo de plaquita (rosca) | Llave (Torx plus/mm) |
|---|---|---|---|
| 09 | 3/8 | 5513 020-09 (M3.5) | 5680 049-01 (15IP/3.5) |

A9
A252
A396
G6
A2
J2



SANDVIK Coromant

# Barras de mandrinar Coromant Capto®

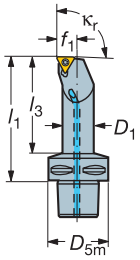
**Diseño de sujeción por tornillo CoroTurn® 107**

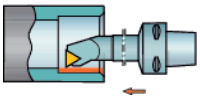
**STFCR/L**

Ángulo de posición: $\kappa_r$ 91°
Ángulo de ataque: -1°

TCMT, TCMX, TCGT, TCGX TCEX

TCMW



| Aplicación principal | △ | iC | Código de pedido | Dimensiones, mm, pulgadas $D_{5m}$ | $D_m$ min | $D_1$ | $f_1$ | $l_1$ | $l_3$ | γ[1] | λs[2] | Plaquitas calibradoras ISO | ANSI | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 11 | 1/4 | C3-STFCR/L-11065-11-B1 | 32 | 20 | 16 | 11 | 65 | 48 | 0° | -4° | TCMT 11 03 04 | TCMT 221 | 0.9 |
| | | | | *1.260* | *.787* | *.630* | *.433* | *2.559* | *1.890* | | | | | |
| | | | C3-STFCR/L-13075-11-B1 | 32 | 25 | 20 | 13 | 75 | 59 | 0° | -3° | TCMT 11 03 04 | TCMT 221 | 0.9 |
| | | | | *1.260* | *.984* | *.787* | *.512* | *2.953* | *2.323* | | | | | |
| | | | C4-STFCR/L-11070-11-B1 | 40 | 20 | 16 | 11 | 70 | 47 | 0° | -4° | TCMT 11 03 04 | TCMT 221 | 0.9 |
| | | | | *1.575* | *.787* | *.630* | *.433* | *2.756* | *1.850* | | | | | |
| | | | C4-STFCR/L-13080-11-B1 | 40 | 25 | 20 | 13 | 80 | 57 | 0° | -3° | TCMT 11 03 04 | TCMT 221 | 0.9 |
| | | | | *1.575* | *.984* | *.787* | *.512* | *3.150* | *2.244* | | | | | |
| | | | C5-STFCR/L-11070-11-B1 | 50 | 20 | 16 | 11 | 70 | 46 | 0° | -4° | TCMT 11 03 04 | TCMT 221 | 0.9 |
| | | | | *1.968* | *.787* | *.630* | *.433* | *2.756* | *1.811* | | | | | |
| | | | C5-STFCR/L-13080-11-B1 | 50 | 25 | 20 | 13 | 80 | 56 | 0° | -3° | TCMT 11 03 04 | TCMT 221 | 0.9 |
| | | | | *1.968* | *.984* | *.787* | *.512* | *3.150* | *2.205* | | | | | |
| | | | C3-STFCR/L-11065-11 | 32 | 20 | 16 | 11 | 65 | 48 | 0° | -4° | TCMT 11 02 04 | TCMT 2(1.5)1 | 0.9 |
| | | | | *1.260* | *.787* | *.630* | *.433* | *2.559* | *1.890* | | | | | |
| | | | C3-STFCR/L-13075-11 | 32 | 25 | 20 | 13 | 75 | 59 | 0° | -3° | TCMT 11 02 04 | TCMT 2(1.5)1 | 0.9 |
| | | | | *1.260* | *.984* | *.787* | *.512* | *2.953* | *2.323* | | | | | |
| | | | C4-STFCR/L-11070-11 | 40 | 20 | 16 | 11 | 70 | 47 | 0° | -4° | TCMT 11 02 04 | TCMT 2(1.5)1 | 0.9 |
| | | | | *1.575* | *.787* | *.630* | *.433* | *2.756* | *1.850* | | | | | |
| | | | C4-STFCR/L-13080-11 | 40 | 25 | 20 | 13 | 80 | 57 | 0° | -3° | TCMT 11 02 04 | TCMT 2(1.5)1 | 0.9 |
| | | | | *1.575* | *.984* | *.787* | *.512* | *3.150* | *2.244* | | | | | |
| | | | C5-STFCR/L-11070-11 | 50 | 20 | 16 | 11 | 70 | 46 | 0° | -4° | TCMT 11 02 04 | TCMT 2(1.5)1 | 0.9 |
| | | | | *1.968* | *.787* | *.630* | *.433* | *2.756* | *1.811* | | | | | |
| | | | C5-STFCR/L-13080-11 | 50 | 25 | 20 | 13 | 80 | 56 | 0° | -3° | TCMT 11 02 04 | TCMT 2(1.5)1 | 0.9 |
| | | | | *1.968* | *.984* | *.787* | *.512* | *3.150* | *2.205* | | | | | |
| | 16 | 3/8 | C3-STFCR-17090-16 | 32 | 32 | 25 | 17 | 90 | 74 | 0° | -3.5° | TCMT 16 T3 08 | TCMT 3(2.5)2 | 3.0 |
| | | | | *1.260* | *1.260* | *.984* | *.669* | *3.543* | *2.913* | | | | | |
| | | | C4-STFCR/L-17090-16 | 40 | 32 | 25 | 17 | 90 | 69 | 0° | -6° | TCMT 16 T3 08 | TCMT 3(2.5)2 | 3.0 |
| | | | | *1.575* | *1.260* | *.984* | *.669* | *3.543* | *2.716* | | | | | |
| | | | C4-STFCR/L-22110-16 | 40 | 40 | 32 | 22 | 110 | 89 | 0° | -10° | TCMT 16 T3 08 | TCMT 3(2.5)2 | 3.0 |
| | | | | *1.575* | *1.575* | *1.260* | *.866* | *4.331* | *3.504* | | | | | |
| | | | C5-STFCR/L-17090-16 | 50 | 32 | 25 | 17 | 90 | 67 | 0° | -6° | TCMT 16 T3 08 | TCMT 3(2.5)2 | 3.0 |
| | | | | *1.968* | *1.260* | *.984* | *.669* | *3.543* | *2.638* | | | | | |
| | | | C5-STFCR/L-22110-16 | 50 | 40 | 32 | 22 | 110 | 88 | 0° | -10° | TCMT 16 T3 08 | TCMT 3(2.5)2 | 3.0 |
| | | | | *1.968* | *1.575* | *1.260* | *.866* | *4.331* | *3.465* | | | | | |

1) γ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) B1 al final del código de pedido = para plaquitas con espesor 03 = 3.18 mm (2 = 1/8").

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita △ | iC | Diám. de barra, D1 mm | pulgadas | Tornillo de plaquita (rosca) | Placa de apoyo | Tornillo de placa de apoyo (rosca) | Llave (Torx Plus/mm) |
|---|---|---|---|---|---|---|---|
| 11 | 1/4 | 16-20 | .630-.787 | 5513 020-03 (M2.5) | - | - | 5680 051-02 (7IP) |
| 16 | 3/8 | 25 | .984 | 5513 020-10 (M3.5) | - | - | 5680 049-01 (15IP) |
| 16 | 3/8 | 32 | 1.260 | 5513 020-01 (M3.5) | 5322 320-01 | 5512 090-01 (M5) | 5680 049-01 (15IP/3.5) |

A9

A282

A396

G6

A2

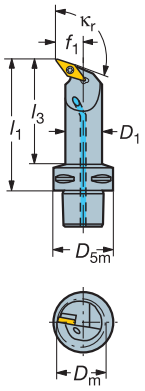
J2

# Barras de mandrinar Coromant Capto®

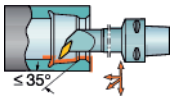
**Diseño de sujeción por tornillo CoroTurn® 107**

**SVQBR/L**

Ángulo de posición: $\kappa_r$ 107,5°
Ángulo de ataque: -17.5°




A derechas en la ilustración

| Aplicación principal | | iC | Código de pedido | Dimensiones, mm, pulgadas $D_{5m}$ | Dm min | $D_1$ | $f_1$ | $l_1$ | $l_3$ | γ[1] | λs[2] | Plaquitas calibradoras ISO | ANSI | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 11 | 1/4 | **C3-SVQBR/L-13070-11-B1[4]** | 32 | 22 | 16 | 13 | 70 | 53.4 | 0° | -7° | VBMT 11 03 04 | VBMT 221 | 0.9 |
| | | | | 1.260 | .866 | .630 | .512 | 2.756 | 2.102 | | | | | |
| | | | **C3-SVQBR/L-15080-11-B1[4]** | 32 | 27 | 20 | 15 | 80 | 63.9 | 0° | -5° | VBMT 11 03 04 | VBMT 221 | 0.9 |
| | | | | 1.260 | 1.063 | .787 | .591 | 3.150 | 2.520 | | | | | |
| | | | **C4-SVQBR/L-13070-11-B1[4]** | 40 | 25 | 20 | 13 | 70 | 47.9 | 0° | -5.5° | VBMT 11 03 04 | VBMT 221 | 0.9 |
| | | | | 1.575 | .984 | .787 | .512 | 2.756 | 1.886 | | | | | |
| | | | **C4-SVQBR/L-15080-11-B1[4]** | 40 | 27 | 20 | 15 | 80 | 57.9 | 0° | -5° | VBMT 11 03 04 | VBMT 221 | 0.9 |
| | | | | 1.575 | 1.063 | .787 | .591 | 3.150 | 2.284 | | | | | |
| | | | **C5-SVQBR/L-15080-11-B1[4]** | 50 | 27 | 20 | 15 | 80 | 56.5 | 0° | -5° | VBMT 11 03 04 | VBMT 221 | 0.9 |
| | | | | 1.968 | 1.063 | .787 | .591 | 3.150 | 2.244 | | | | | |
| | | | **C3-SVQBR/L-13070-11** | 32 | 22 | 16 | 13 | 70 | 54 | 0° | -7° | VBMT 11 02 04 | VBMT 2(1.5)1 | 0.9 |
| | | | | 1.260 | .866 | .630 | .512 | 2.756 | 2.126 | | | | | |
| | | | **C3-SVQBR/L-15080-11** | 32 | 27 | 20 | 15 | 80 | 64 | 0° | -5° | VBMT 11 02 04 | VBMT 2(1.5)1 | 0.9 |
| | | | | 1.260 | 1.063 | .787 | .591 | 3.150 | 2.516 | | | | | |
| | | | **C4-SVQBR/L-13070-11** | 40 | 25 | 20 | 13 | 70 | 48 | 0° | -7° | VBMT 11 02 04 | VBMT 2(1.5)1 | 0.9 |
| | | | | 1.575 | .984 | .787 | .512 | 2.756 | 1.890 | | | | | |
| | | | **C4-SVQBR/L-15080-11** | 40 | 27 | 20 | 15 | 80 | 58 | 0° | -5° | VBMT 11 02 04 | VBMT 2(1.5)1 | 0.9 |
| | | | | 1.575 | 1.063 | .787 | .591 | 3.150 | 2.280 | | | | | |
| | | | **C5-SVQBR/L-15080-11** | 50 | 27 | 20 | 15 | 80 | 57 | 0° | -5° | VBMT 11 02 04 | VBMT 2(1.5)1 | 0.9 |
| | | | | 1.968 | 1.063 | .787 | .591 | 3.150 | 2.224 | | | | | |

1) γ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) B1 al final del código de pedido = para plaquitas con espesor 03 = 3.18 mm (2 = 1/8").

R = A Derecha, L = A Izquierda

Piezas de repuesto principales (ver siguiente página)

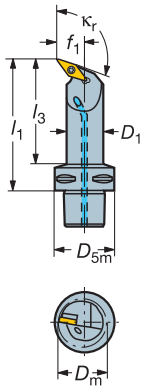
Continuación ...

# Barras de mandrinar Coromant Capto®

**Diseño de sujeción por tornillo CoroTurn® 107**

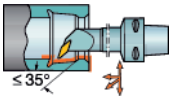
**SVQBR/L**

Ángulo de posición: $\kappa_r$ 107,5°
Ángulo de ataque: -17.5°




... continuación

A derechas en la ilustración

| Aplicación principal | | *iC* | Código de pedido | Dimensiones, mm, pulgadas $D_{5m}$ | $D_m$ min | $D_1$ | $f_1$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras ISO | ANSI | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 16 | 3/8 | **C3-SVQBR/L-18090-16** | 32 | 33 | 25 | 18 | 90 | 75 | 0° | -6° | VBMT 16 04 08 | VBMT 332 | 3.0 |
| | | | | 1.260 | 1.299 | .984 | .709 | 3.543 | 2.953 | | | | | |
| | | | **C3-SVQBR/L-22096-16** | 32 | 40 | 32 | 22 | 96 | 82 | 0° | -8° | VBMT 16 04 08 | VBMT 332 | 3.0 |
| | | | | 1.260 | 1.575 | 1.260 | .866 | 3.780 | 3.228 | | | | | |
| | | | **C3-SVQBR-22064-16** | 32 | 40 | 32 | 22 | 64 | 49 | 0° | -7.5° | VBMT 16 04 08 | VBMT 332 | 3.0 |
| | | | | 1.260 | 1.575 | 1.260 | .866 | 2.520 | 1.929 | | | | | |
| | | | **C4-SVQBR/L-18090-16** | 40 | 33 | 25 | 18 | 90 | 69 | 0° | -6° | VBMT 16 04 08 | VBMT 332 | 3.0 |
| | | | | 1.575 | 1.299 | .984 | .709 | 3.543 | 2.716 | | | | | |
| | | | **C4-SVQBR/L-22110-16** | 40 | 40 | 32 | 22 | 110 | 89 | 0° | -8° | VBMT 16 04 08 | VBMT 332 | 3.0 |
| | | | | 1.575 | 1.575 | 1.260 | .866 | 4.331 | 3.504 | | | | | |
| | | | **C4-SVQBR/L-27080-16** | 40 | 50 | 40 | 27 | 80 | 60 | 0° | -8° | VBMT 16 04 08 | VBMT 332 | 3.0 |
| | | | | 1.575 | 1.968 | 1.575 | 1.063 | 3.150 | 2.362 | | | | | |
| | | | **C4-SVQBR/L-27120-16** | 40 | 50 | 40 | 27 | 120 | 100 | 0° | -8° | VBMT 16 04 08 | VBMT 332 | 3.0 |
| | | | | 1.575 | 1.968 | 1.575 | 1.063 | 4.724 | 3.937 | | | | | |
| | | | **C5-SVQBR/L-18090-16** | 50 | 33 | 25 | 18 | 90 | 67 | 0° | -6° | VBMT 16 04 08 | VBMT 332 | 3.0 |
| | | | | 1.968 | 1.299 | .984 | .709 | 3.543 | 2.638 | | | | | |
| | | | **C5-SVQBR/L-22110-16** | 50 | 40 | 32 | 22 | 110 | 88 | 0° | -8° | VBMT 16 04 08 | VBMT 332 | 3.0 |
| | | | | 1.968 | 1.575 | 1.260 | .866 | 4.331 | 3.465 | | | | | |
| | | | **C5-SVQBR/L-27140-16** | 50 | 50 | 40 | 27 | 140 | 119 | 0° | -8° | VBMT 16 04 08 | VBMT 332 | 3.0 |
| | | | | 1.968 | 1.968 | 1.575 | 1.063 | 5.512 | 4.685 | | | | | |
| | | | **C5-SVQBR/L-35100-16** | 50 | 63 | 50 | 35 | 100 | 81 | 0° | -7° | VBMT 16 04 08 | VBMT 332 | 3.0 |
| | | | | 1.968 | 2.480 | 1.968 | 1.378 | 3.937 | 3.189 | | | | | |
| | | | **C5-SVQBR/L-35150-16** | 50 | 63 | 50 | 35 | 150 | 131 | 0° | -7° | VBMT 16 04 08 | VBMT 332 | 3.0 |
| | | | | 1.968 | 2.480 | 1.968 | 1.378 | 5.906 | 5.158 | | | | | |
| | | | **C6-SVQBR/L-22120-16** | 63 | 40 | 32 | 22 | 120 | 94 | 0° | -8° | VBMT 16 04 08 | VBMT 332 | 3.0 |
| | | | | 2.480 | 1.575 | 1.260 | .866 | 4.724 | 3.701 | | | | | |
| | | | **C6-SVQBR/L-27145-16** | 63 | 50 | 40 | 27 | 145 | 120 | 0° | -8° | VBMT 16 04 08 | VBMT 332 | 3.0 |
| | | | | 2.480 | 1.968 | 1.575 | 1.063 | 5.709 | 4.724 | | | | | |
| | | | **C6-SVQBR/L-35175-16** | 63 | 63 | 50 | 35 | 175 | 152 | 0° | -8° | VBMT 16 04 08 | VBMT 332 | 3.0 |
| | | | | 2.480 | 2.480 | 1.968 | 1.378 | 6.890 | 5.984 | | | | | |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita | | Diám. de barra, D1 | | Tornillo de plaquita (rosca) | Placa de apoyo | Tornillo de placa de apoyo (rosca) | Llave (Torx Plus/mm) |
|---|---|---|---|---|---|---|---|
| | *iC* | mm | pulgadas | | | | |
| 11 | 1/4 | 16-20 | .630-.787 | 5513 020-03 (M2.5) | - | - | 5680 051-02 (7IP) |
| 16 | 3/8 | 25 | .984 | 5513 020-10 (M2.5) | - | - | 5680 049-01 (15IP/3.5) |
| 16 | 3/8 | 32-50 | 1.248-1.969 | 5513 020-01 (M2.5) | 5322 270-01 | 5512 090-01 (M5x0.5) | 5680 049-01 (15IP/3.5) |

A9
A289
A396
G6
A2
J2

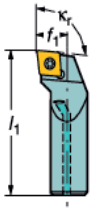
# Barras de mandrinar

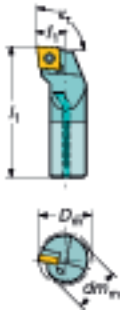
**Diseño de sujeción por tornillo CoroTurn® 107**

**Cilíndrico**
**Con ranura para manguito EasyFix**

| | **Mango de acero A...-SCLCR/L** | **Mango de metal duro E...-SCLCR/L** |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 95° | $\kappa_r$ 95° |
| Ángulo de ataque: | -5° | -5° |

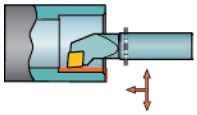
CCMT, CCGT
CCGX, CCET
CCMW



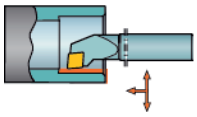




**Voladizo máx.** 4 x $dm_m$ 6 x $dm_m$
**Con suministro interno de refrigerante**
A derechas en la ilustración

## Versión métrica

| Aplicación principal | □ | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $l_1$ | $\gamma^{1)}$ | $\lambda_s^{2)}$ | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|
|  | 06 | A08H-SCLCR/L 06-R | 8 | 10 | 5 | 100 | 0° | -14° | CCMT 06 02 04 | 0.9 |
| | | A10K-SCLCR/L 06-R | 10 | 12 | 6 | 125 | 0° | -11° | CCMT 06 02 04 | 0.9 |
| | | A12M-SCLCR/L 06-R | 12 | 16 | 9 | 150 | 0° | -7° | CCMT 06 02 04 | 0.9 |
| | | A16R-SCLCR/L 06-R | 16 | 20 | 11 | 200 | 0° | -5° | CCMT 06 02 04 | 0.9 |
| | 09 | A16R-SCLCR/L 09-R | 16 | 20 | 11 | 200 | 0° | -8° | CCMT 09 T3 08 | 3.0 |
| | | A20S-SCLCR/L 09-R | 20 | 25 | 13 | 250 | 0° | -6° | CCMT 09 T3 08 | 3.0 |
| | 06 | E08K-SCLCR/L 06-R | 8 | 10 | 5 | 125 | 0° | -10° | CCMT 06 02 04 | 0.9 |
| | | E10M-SCLCR/L 06-R | 10 | 12 | 6 | 150 | 0° | -7° | CCMT 06 02 04 | 0.9 |
| | | E12Q-SCLCR/L 06-R | 12 | 16 | 9 | 180 | 0° | -3° | CCMT 06 02 04 | 0.9 |
| | | E16R-SCLCR/L 06-R | 16 | 20 | 11 | 200 | 0° | 0° | CCMT 06 02 04 | 0.9 |
| | 09 | E16R-SCLCR/L 09-R | 16 | 20 | 11 | 200 | 0° | 0° | CCMT 09 T3 08 | 0.9 |
| | | E20S-SCLCR/L 09-R | 20 | 25 | 13 | 220 | 0° | -6° | CCMT 09 T3 08 | 3.0 |
| | | E25T-SCLCR/L 09-R | 25 | 32 | 17 | 270 | 0° | -3° | CCMT 09 T3 08 | 3.0 |

## Versión en pulgadas

| Aplicación principal | iC | Código de pedido | Dimensiones, pulgadas $dm_m$ | $D_m$ mín. | $f_1$ | $l_1$ | $\gamma^{1)}$ | $\lambda_s^{2)}$ | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/4 | A06M-SCLCR/L 2-R | .375 | .480 | .250 | 6.000 | 0° | -11° | CCMT 2(1.5)1 | 0.5 |
| | | A08M-SCLCR/L 2-R | .500 | .598 | .312 | 6.000 | 0° | -8° | CCMT 2(1.5)1 | 0.5 |
| | | A10R-SCLCR/L 2-R | .625 | .772 | .406 | 8.000 | 0° | -5° | CCMT 2(1.5)1 | 0.5 |
| | 3/8 | A10R-SCLCR/L 3-R | .625 | .772 | .406 | 8.000 | 0° | -9° | CCMT 3(2.5)2 | 2.2 |
| | | A12S-SCLCR/L 3-R | .750 | .929 | .500 | 10.000 | 0° | -6° | CCMT 3(2.5)2 | 2.2 |
| | 1/4 | E05K-SCLCR/L 2-R | .312 | .413 | .219 | 4.921 | 0° | -13° | CCMT 2(1.5)1 | 0.7 |
| | | E06M-SCLCR/L 2-R | .375 | .480 | .250 | 6.000 | 0° | -11° | CCMT 2(1.5)1 | 0.7 |
| | | E08R-SCLCR/L 2-R | .500 | .598 | .312 | 8.000 | 0° | -8° | CCMT 2(1.5)1 | 0.7 |
| | | E10R-SCLCR/L 2-R | .625 | .772 | .406 | 8.000 | 0° | -5° | CCMT 2(1.5)1 | 0.7 |
| | 3/8 | E10R-SCLCR/L 3-R | .625 | .772 | .406 | 8.000 | 0° | 9° | CCMT 3(2.5)2 | 2.1 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

Para el conector del refrigerante, véase la página A308

## Piezas de repuesto principales

| Tamaño de plaquita □ | iC | Diám. de barra, $dm_m$ mm | pulgadas | Tornillo de plaquita | Llave (Torx Plus) |
|---|---|---|---|---|---|
| 06 | 1/4 | 8-10 | - | 5513 020-46 | 5680 051-02 (7IP) |
| 06 | 1/4 | 12-16 | .375-.750 | 5513 020-03 | 5680 051-02 (7IP) |
| 09 | 3/8 | 16-20 | .625-.750 | 5513 020-09 | 5680 049-01 (15IP) |

A9 A264 A396 G6 A2 J2



SANDVIK Coromant

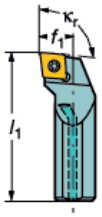
# Barras de mandrinar

**Diseño de sujeción por tornillo CoroTurn® 107**

**Cilíndrico con planos**

| | **Mango de acero** | **Mango de metal duro** |
|---|---|---|
| | **A...-SCLCR/L** | **E...SCLCR/L** |
| Ángulo de posición: | $\kappa_r$ 95° | $\kappa_r$ 95° |
| Ángulo de ataque: | -5° | -5° |

CCMT, CCGT
CCGX, CCET
CCMW

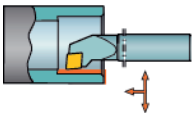


**Voladizo máx.** **4 x $dm_m$** **6 x $dm_m$**

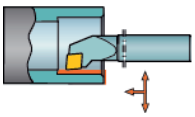
**Con suministro interno de refrigerante**

A derechas en la ilustración

## Versión métrica

| Aplicación principal | □ | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 06 | A08H-SCLCR/L 06 | 8 | 10 | 5 | 7 | 100 | 0° | -14° | CCMT 06 02 04 | 0.9 |
| | | A10K-SCLCR/L 06 | 10 | 12 | 6 | 9 | 125 | 0° | -11° | CCMT 06 02 04 | 0.9 |
| | | A12M-SCLCR/L 06 | 12 | 16 | 9 | 11 | 150 | 0° | -7° | CCMT 06 02 04 | 0.9 |
| | | A16R-SCLCR/L 06 | 16 | 20 | 11 | 15 | 200 | 0° | -5° | CCMT 06 02 04 | 0.9 |
| | 09 | A16R-SCLCR/L 09 | 16 | 20 | 11 | 15 | 200 | 0° | -8° | CCMT 09 T3 08 | 3.0 |
| | | A20S-SCLCR/L 09 | 20 | 25 | 13 | 18 | 250 | 0° | -6° | CCMT 09 T3 08 | 3.0 |
| | | A25T-SCLCR/L 09 | 25 | 32 | 17 | 23 | 300 | 0° | -3° | CCMT 09 T3 08 | 3.0 |
| | 12 | A25T-SCLCR/L 12 | 25 | 32 | 17 | 23 | 300 | 0° | -4.5° | CCMT 12 04 08 | 3.0 |
| | | A32T-SCLCR/L 12 | 32 | 40 | 22 | 30 | 300 | 0° | -10° | CCMT 12 04 08 | 3.0 |
| | | A40T-SCLCR/L 12 | 40 | 50 | 27 | 37 | 300 | 0° | -7° | CCMT 12 04 08 | 3.0 |

## Versión en pulgadas

| Aplicación principal | $iC$ | Código de pedido | Dimensiones, pulgadas $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/4 | A06M-SCLCR/L 2 | .375 | .480 | .250 | .336 | 6.000 | 0° | -11° | CCMT 2(1.5)1 | 0.7 |
| | | A08M-SCLCR/L 2 | .500 | .598 | .312 | .460 | 6.000 | 0° | -8° | CCMT 2(1.5)2 | 0.7 |
| | | A10R-SCLCR/L 2 | .625 | .772 | .406 | .562 | 8.000 | 0° | -5° | CCMT 2(1.5)1 | 0.7 |
| | 3/8 | A10R-SCLCR/L 3 | .625 | .772 | .406 | .562 | 8.000 | 0° | -9° | CCMT 3(2.5)2 | 2.2 |
| | | A12S-SCLCR/L 3 | .750 | .929 | .500 | .709 | 10.000 | 0° | -6° | CCMT 3(2.5)2 | 2.2 |
| | | A16T-SCLCR/L 3 | 1.000 | 1.201 | .640 | .906 | 12.000 | 0° | -4° | CCMT 3(2.5)2 | 2.2 |
| | 1/2 | A16T-SCLCR/L 4 | 1.000 | 1.201 | .640 | .906 | 12.000 | 0° | -5° | CCMT 432 | 2.2 |
| | | A20T-SCLCR/L 4 | 1.250 | 1.468 | .765 | 1.181 | 12.000 | 0° | -11° | CCMT 432 | 2.2 |
| | | A24T-SCLCR/L 4 | 1.500 | 1.760 | .890 | 1.374 | 12.000 | 0° | -8° | CCMT 432 | 2.2 |
| | 1/4 | E06M-SCLCR/L 2 | .375 | .480 | .250 | .359 | 6.000 | 0° | -11° | CCMT 2(1.5)1 | 0.7 |
| | | E08R-SCLCR/L 2 | .500 | .598 | .312 | .484 | 8.000 | 0° | -8° | CCMT 2(1.5)1 | 0.7 |
| | | E10R-SCLCR/L 2 | .625 | .772 | .406 | .609 | 8.000 | 0° | -5° | CCMT 2(1.5)1 | 0.7 |
| | 3/8 | E12S-SCLCR/L 3 | .750 | .929 | .500 | .734 | 10.000 | 0° | -6° | CCMT 3(2.5)2 | 2.2 |
| | | E16T-SCLCR/L 3 | 1.000 | 1.201 | .640 | .984 | 12.000 | 0° | -4° | CCMT 3(2.5)2 | 2.2 |

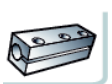
1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

Para el conector del refrigerante, véase la página A308

## Piezas de repuesto principales

| Tamaño de plaquita □ | $iC$ | Diám. de barra, $dm_m$ mm | pulgadas | Tornillo de plaquita | Placa de apoyo | Tornillo de la placa de apoyo | Llave (Torx Plus) |
|---|---|---|---|---|---|---|---|
| 06 | 1/4 | 8-10 | .375-.500 | 5513 020-46 | - | - | 5680 051-02 (7IP) |
| 06 | 1/4 | 12-16 | .625-.750 | 5513 020-03 | - | - | 5680 051-02 (7IP) |
| 09 | 3/8 | 16-20 | .625-.750 | 5513 020-09 | - | - | 5680 049-01 (15IP) |
| 09 | 3/8 | 25 | 1.000 | 5513 020-10 | - | - | 5680 049-01 (15IP) |
| 12 | 1/2 | 25 | 1.000 | 5513 020-17 | - | - | 5680 049-02 (15IP) |
| 12 | 1/2 | 32-40 | 1.250-1.500 | 5513 020-18 | 5322 232-02 | 5512 090-03 | 5680 049-02 (15IP) |

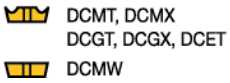
A9 A264 A396 G6 A2  A304 J2

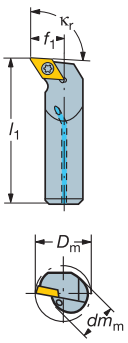
# Barras de mandrinar

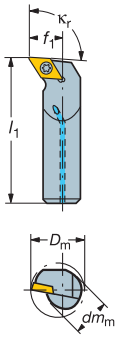
**Diseño de sujeción por tornillo CoroTurn® 107**

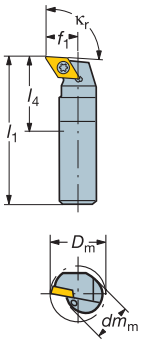
**Cilíndrico**
**Con ranura para manguito EasyFix**

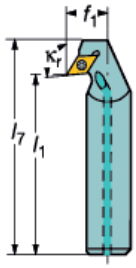
| | **Mango de acero** | **Mango de metal duro** | **Mango antivibratorio de metal duro** | **Mango de acero** |
|---|---|---|---|---|
| | **A...-SDUCR/L** | **E...-SDUCR/L** | **F...-SDUCR/L** | **A...-SDUCR/L-ERX** |
| Ángulo de posición: | $\kappa_r$ 93° | $\kappa_r$ 93° | $\kappa_r$ 93° | $\kappa_r$ 93° |
| Ángulo de ataque: | -3° | -3° | -3° | -3° |




**Voladizo máx.**

**4 x $dm_m$**
Con suministro interno de refrigerante

**6 x $dm_m$**
Con suministro interno de refrigerante

**10 x $dm_m$**

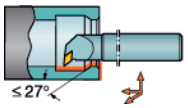
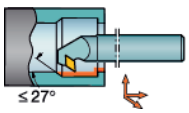
**4 x $dm_m$**
Con suministro interno de refrigerante

Mandrinado a tracción

Silent Tools®

A derechas en la ilustración

**Versión métrica**

| Aplicación principal | | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $l_1$ | $l_3$ | $l_4$ | $l_7$ | $\gamma$[1] | $\lambda_s$[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 07 | **A10K-SDUCR/L 07-ER** | 10 | 15 | 9 | 125 | | | | 0° | -7° | DCMT 07 02 04 | 0.9 |
| | | **A12M-SDUCR/L 07-ER** | 12 | 18 | 11 | 150 | | | | 0° | -5° | DCMT 07 02 04 | 0.9 |
| | | **A16R-SDUCR/L 07-R** | 16 | 20 | 11 | 200 | | | | 0° | -4° | DCMT 07 02 04 | 0.9 |
| | 11 | **A20S-SDUCR/L 11-R** | 20 | 25 | 13 | 250 | | | | 0° | -6° | DCMT 11 T3 08 | 3.0 |
| | 07 | **E10M-SDUCR/L 07-ER** | 10 | 15 | 9 | 150 | | | | 0° | -5° | DCMT 07 02 04 | 0.9 |
| | | **E12Q-SDUCR/L 07-ER** | 12 | 18 | 11 | 180 | | | | 0° | -5° | DCMT 07 02 04 | 0.9 |
| | | **E16R-SDUCR/L 07-ER** | 16 | 22 | 13 | 200 | 33 | | | 0° | -5° | DCMT 07 02 04 | 0.9 |
| | 11 | **E20S-SDUCR/L 11-R** | 20 | 25 | 13 | 220 | | | | 0° | -6° | DCMT 11 T3 08 | 2.2 |
| | | **E25T-SDUCR/L 11-R** | 25 | 32 | 17 | 270 | | | | 0° | -3° | DCMT 11 T3 08 | 2.2 |
| | 07 | **F10M-SDUCR/L 07-ER** | 10 | 15 | 9 | 150 | | 60 | | 0° | -7° | DCMT 07 02 04 | 0.9 |
| | | **F12Q-SDUCR/L 07-ER** | 12 | 18 | 11 | 180 | | 72 | | 0° | -9° | DCMT 07 02 04 | 0.9 |
|  | 07 | **A16R-SDUCR/L 07-ERX** | 16 | 22 | 13 | 200 | | | 212.2 | 0° | -3° | DCMT 07 02 04 | 0.9 |
| | | **A20S-SDUCR/L 07-ERX** | 20 | 27 | 15 | 250 | | | 262.2 | 0° | -2° | DCMT 07 02 04 | 0.9 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm

R = A Derecha, L = A Izquierda

Para el conector del refrigerante, véase la página A308

**Piezas de repuesto principales**

| Tamaño de plaquita | | Diám. de barra, $dm_m$ | | | |
|---|---|---|---|---|---|
| | *iC* | mm | pulgadas | Tornillo de plaquita | Llave (Torx Plus) |
| 07 | 1/4 | 10-16 | .375-.625 | 5513 020-03 | 5680 051-02 (7IP) |
| 11 | 3/8 | 20 | .750 | 5513 020-09 | 5680 049-01 (15IP) |

A9
A265
A396
G6
A2
A304
J2



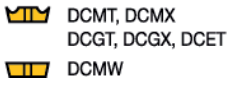
SANDVIK Coromant

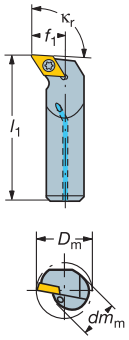
# Barras de mandrinar

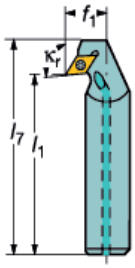
**Diseño de sujeción por tornillo CoroTurn® 107**

**Cilíndrico**
**Con ranura para manguito EasyFix**

| | **Mango de acero A...-SDUCR/L** | **Mango de acero A...-SDUCR/L-ERX** |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 93° | $\kappa_r$ 93° |
| Ángulo de ataque: | -3° | -3° |




**Voladizo máx.**

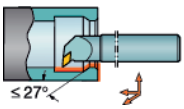
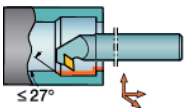
**4 x $dm_m$**
Con suministro interno de refrigerante

**4 x $dm_m$**
Con suministro interno de refrigerante

A derechas en la ilustración

Mandrinado a tracción

## Versión en pulgadas

| Aplicación principal | *iC* | **Código de pedido** | Dimensiones, pulgadas $dm_m$ | $D_m$ mín. | $f_1$ | $l_1$ | $l_7$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | ft-lbs[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/4 | **A06M-SDUCR/L 2-R** | .375 | .598 | .375 | 6.000 | | 0° | -7° | DCMT 2(1.5)1 | 0.5 |
| | | **A08M-SDUCR/L 2-R** | .500 | .728 | .438 | 6.000 | | 0° | -5° | DCMT 2(1.5)1 | 0.5 |
| | | **A10R-SDUCR/L 2-R** | .625 | .850 | .500 | 8.000 | | 0° | -4° | DCMT 2(1.5)1 | 0.5 |
| | 3/8 | **A12S-SDUCR/L 3-R** | .750 | 1.051 | .625 | 10.000 | | 0° | -5° | DCMT 3(2.5)2 | 2.1 |
|  | 1/4 | **A12S-SDUCR/L 2-ERX** | .750 | 1.051 | .625 | 10.000 | 10.480 | 0° | -2° | DCMT 2(1.5)1 | 0.5 |

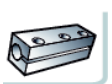
1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

Para el conector del refrigerante, véase la página A308

## Piezas de repuesto principales

| Tamaño de plaquita | *iC* | Diám. de barra, $dm_m$ mm | pulgadas | Tornillo de plaquita | Llave (Torx Plus) |
|---|---|---|---|---|---|
| 07 | 1/4 | 10-16 | .375-.625 | 5513 020-03 | 5680 051-02 (7IP) |
| 11 | 3/8 | 20 | .750 | 5513 020-09 | 5680 049-01 (15IP) |

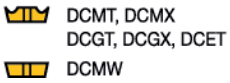
A9
A265
A396
G6
A2
 A304
J2

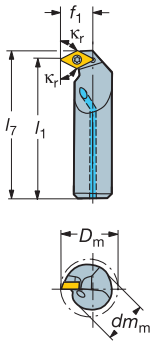
# Barras de mandrinar

## Diseño de sujeción por tornillo CoroTurn® 107

**Cilíndrico**
**Con ranura para manguito EasyFix**

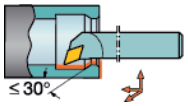
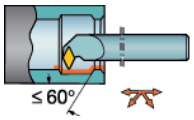
| | **Mango de acero A...-SDQCR/L** | **Mango de acero A...-SDXCR/L** |
|---|---|---|
| Ángulo de posición | $\kappa_r$ 107,5° | $\kappa_r$ 62,5° |
| Ángulo de ataque: | -17.5° | 27.5° |



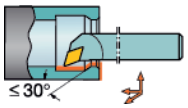
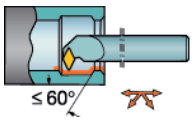



**Voladizo máx. 4 x $dm_m$**
**Con suministro interno de refrigerante**
A derechas en la ilustración

### Versión métrica

| Aplicación principal | | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $l_1$ | $l_7$ | $\gamma$[1] | $\lambda_s$[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 07 | A10K-SDQCR/L 07-R | 10 | 13 | 7 | 125 | | 0° | -10° | DCMT 07 02 04 | 0.9 |
| | | A12M-SDQCR/L 07-R | 12 | 16 | 9 | 150 | | 0° | -7° | DCMT 07 02 04 | 0.9 |
| | | A16R-SDQCR/L 07-R | 16 | 20 | 11 | 200 | | 0° | -5° | DCMT 07 02 04 | 0.9 |
| | 11 | A20S-SDQCR/L 11-R | 20 | 25 | 13 | 250 | | 0° | -6° | DCMT 11 T3 08 | 3.0 |
|  | 07 | A12M-SDXCR/L 07-R | 12 | 16 | 9 | 150 | 155.1 | -3° | -6° | DCMT 07 02 04 | 0.9 |
| | | A16R-SDXCR/L 07-R | 16 | 20 | 11 | 200 | 205.1 | -2° | -4° | DCMT 07 02 04 | 0.9 |
| | 11 | A20S-SDXCR/L 11-R | 20 | 25 | 13 | 250 | 256.8 | -3° | -5° | DCMT 11 T3 08 | 3.0 |

### Versión en pulgadas

| Aplicación principal | *iC* | Código de pedido | Dimensiones, pulgadas $dm_m$ | $D_m$ mín. | $f_1$ | $l_1$ | $l_7$ | $\gamma$[1] | $\lambda_s$[2] | Plaquitas calibradoras | ft-lbs[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/4 | A06M-SDQCR/L 2 | .375 | .598 | .375 | 6.000 | | 0° | -8° | DCMT 2(1.5)1 | 0.5 |
| | | A08M-SDQCR/L 2 | .500 | .728 | .437 | 6.000 | | 0° | -6° | DCMT 2(1.5)1 | 0.5 |
| | | A10R-SDQCR/L 2 | .625 | .850 | .500 | 8.000 | | 0° | -4° | DCMT 2(1.5)1 | 0.5 |
| | 3/8 | A12S-SDQCR/L 3 | .750 | .980 | .562 | 10.000 | | 0° | -6° | DCMT 3(2.5)2 | 2.1 |
| | | A16T-SDQCR/L 3 | 1.000 | 1.299 | .750 | 12.000 | | 0° | -3° | DCMT 3(2.5)2 | 2.1 |
|  | 1/4 | A08M-SDXCR/L 2 | .500 | .681 | .392 | 6.000 | 6.201 | -2° | -5° | DCMT 2(1.5)1 | 0.5 |
| | | A10R-SDXCR/L 2 | .625 | .850 | .486 | 8.000 | 8.201 | -2° | -3° | DCMT 2(1.5)1 | 0.5 |
| | 3/8 | A12S-SDXCR/L 3 | .750 | 1.012 | .580 | 10.000 | 10.268 | -3° | -5° | DCMT 3(2.5)2 | 2.1 |
| | | A16T-SDXCR/L 3 | 1.000 | 1.280 | .720 | 12.000 | 12.268 | -2° | -3° | DCMT 3(2.5)2 | 2.1 |

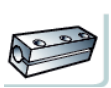
1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

Para el conector del refrigerante, véase la página A308

### Piezas de repuesto principales

| Tamaño de plaquita | | Diám. de barra, $dm_m$ | | | |
|---|---|---|---|---|---|
| | *iC* | mm | pulgadas | Tornillo de plaquita | Llave (Torx Plus) |
| 07 | 1/4 | 10-16 | .375-.625 | 5513 020-03 | 5680 051-02 (7IP) |
| 11 | 3/8 | 20 | .750 | 5513 020-09 | 5680 049-01 (15IP) |
| 11 | 3/8 | 25 | .1000 | 5513 020-10 | 5680 049-01 (15IP) |

A9
A265
A396
G6
A2
 A304
J2



SANDVIK Coromant

# Barras de mandrinar

**Diseño de sujeción por tornillo CoroTurn® 107**

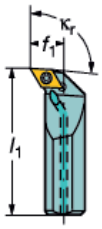
**Cilíndrico con planos**

**Mango de acero**

**A...-SDUCR/L**

Ángulo de posición: $\kappa_r$ 93°
Ángulo de ataque: -3°

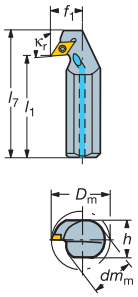
DCMT, DCMX
DCGT, DCGX, DCET
DCMW




**Mango de acero**

**A...-SDUCR/L-X**

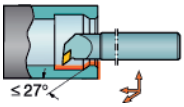
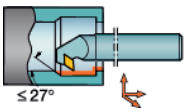
$\kappa_r$ 93°
-3°




**Con suministro interno de refrigerante**
**Voladizo máx.** **4 x $dm_m$**
A derechas en la ilustración

Mandrinado a tracción
**4 x $dm_m$**

## Versión métrica

| Aplicación principal | | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $l_7$ | $\gamma$ 1) | $\lambda s$ 2) | Plaquitas calibradoras | Nm 3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 07 | A10K-SDUCR/L 07 | 10 | 13 | 7 | 9 | 125 | | 0° | -9° | DCMT 07 02 04 | 0.9 |
| | | A12M-SDUCR/L 07 | 12 | 16 | 9 | 11 | 150 | | 0° | -6° | DCMT 07 02 04 | 0.9 |
| | | A16R-SDUCR/L 07 | 16 | 20 | 11 | 15 | 200 | | 0° | -4° | DCMT 07 02 04 | 0.9 |
| | 11 | A20S-SDUCR/L 11 | 20 | 25 | 13 | 18 | 250 | | 0° | -6° | DCMT 11 T3 08 | 3.0 |
| | | A25T-SDUCR/L 11 | 25 | 32 | 17 | 23 | 300 | | 0° | -3° | DCMT 11 T3 08 | 3.0 |
|  | 07 | A16R-SDUCR/L 07-EX | 16 | 22 | 13 | 15 | 200 | 212.2 | 0° | -3° | DCMT 07 02 04 | 0.9 |
| | | A20S-SDUCR/L 07-EX | 20 | 27 | 15 | 18 | 250 | 262.2 | 0° | -2° | DCMT 07 02 04 | 0.9 |
| | | A25T-SDUCR/L 07-DX | 25 | 33 | 18 | 23 | 300 | 312.2 | 0° | 0° | DCMT 07 02 04 | 0.9 |
| | 11 | A32T-SDUCR/L 11-X | 32 | 40 | 22 | 30 | 300 | 316.7 | 0° | -7° | DCMT 11 T3 08 | 3.0 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm

R = A Derecha, L = A Izquierda

Para el conector del refrigerante, véase la página A308

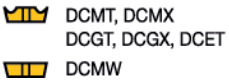
Piezas de repuesto principales (ver siguiente página)

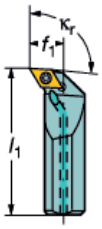
A9 A265 A396 G6 A2 A304 J2

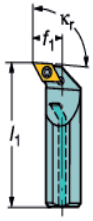
# Barras de mandrinar

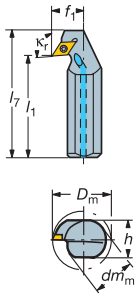
**Diseño de sujeción por tornillo CoroTurn® 107**

| **Cilíndrico con planos** | **Mango de acero** | **Mango de metal duro** | **Mango de acero** |
|---|---|---|---|
| | **A...-SDUCR/L** | **E...-SDUCR/L** | **A...-SDUCR/L-X** |
| Ángulo de posición: | $\kappa_r$ 93° | $\kappa_r$ 93° | $\kappa_r$ 93° |
| Ángulo de ataque: | -3° | -3° | -3° |



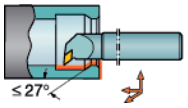
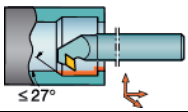
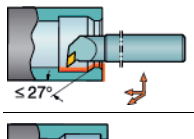
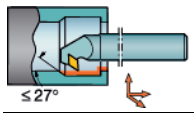




| | | | |
|---|---|---|---|
| **Con suministro interno de refrigerante** | | | Mandrinado a tracción |
| **Voladizo máx.** | **4 x $dm_m$** | **6 x $dm_m$** | **4 x $dm_m$** |
| A derechas en la ilustración | | | |

## Versión en pulgadas

| Aplicación principal | *iC* | **Código de pedido** | Dimensiones, pulgadas $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $l_7$ | $\gamma$ 1) | $\lambda_s$ 2) | Plaquitas calibradoras | ft-lbs 3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/4 | **A06M-SDUCR/L 2** | .375 | .598 | .375 | .336 | 6.000 | | 0° | -7° | DCMT 2(1.5)1 | 0.7 |
| | | **A08M-SDUCR/L 2** | .500 | .728 | .438 | .460 | 6.000 | | 0° | -5° | DCMT 2(1.5)1 | 0.7 |
| | | **A10R-SDUCR/L 2** | .625 | .850 | .500 | .562 | 8.000 | | 0° | -4° | DCMT 2(1.5)1 | 0.7 |
| | | **E06M-SDUCR/L 2** | .375 | .598 | .375 | .359 | 6.000 | | 0° | -7° | DCMT 2(1.5)1 | 0.7 |
| | | **E08R-SDUCR/L 2** | .500 | .716 | .438 | .484 | 8.000 | | 0° | -5° | DCMT 2(1.5)1 | 0.7 |
| | | **E10R-SDUCR/L 2** | .625 | .850 | .500 | .609 | 8.000 | | 0° | -4° | DCMT 2(1.5)1 | 0.7 |
|  | 1/4 | **A12S-SDUCR/L 2-EX** | .750 | 1.051 | .625 | .709 | 10.000 | 10.4803 | 0° | -2° | DCMT 2(1.5)1 | 0.7 |
| | | **A16T-SDUCR/L 2-DX** | 1.000 | 1.299 | .750 | .906 | 12.000 | 12.4803 | 0° | 0.5° | DCMT 2(1.5)1 | 0.7 |
|  | 3/8 | **A12S-SDUCR/L 3** | .750 | 1.051 | .625 | .709 | 10.000 | | 0° | -5° | DCMT 3(2.5)2 | 2.2 |
| | | **A16T-SDUCR/L 3** | 1.000 | 1.299 | .750 | .906 | 12.000 | | 0° | -3° | DCMT 3(2.5)2 | 2.2 |
| | | **A20T-SDUCR/L 3** | 1.250 | 1.579 | .875 | 1.181 | 12.000 | | 0° | -8° | DCMT 3(2.5)2 | 2.2 |
| | | **E12S-SDUCR/L 3** | .750 | 1.039 | .625 | .734 | 10.000 | | 0° | -3° | DCMT 3(2.5)2 | 2.2 |
| | | **E16T-SDUCR/L 3** | 1.000 | 1.299 | .750 | .984 | 12.000 | | 0° | -3° | DCMT 3(2.5)2 | 2.2 |
|  | 3/8 | **A20T-SDUCR/L 3-X** | 1.250 | 1.579 | .875 | 1.181 | 12.000 | 12.6575 | 0° | -7° | DCMT 3(2.5)2 | 2.2 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

Para el conector del refrigerante, véase la página A308

## Piezas de repuesto principales

| Tamaño de plaquita | *iC* | Diám. de barra, $dm_m$ mm | pulgadas | Tornillo de plaquita | Placa de apoyo | Tornillo de la placa de apoyo | Llave (Torx Plus) |
|---|---|---|---|---|---|---|---|
| 07 | 1/4 | 10-25 | .375-1.000 | 5513 020-03 | - | - | 5680 051-02 (7IP) |
| 11 | 3/8 | 20 | .750 | 5513 020-09 | - | | 5680 049-01 (15IP) |
| 11 | 3/8 | 25 | 1.000 | 5513 020-10 | - | | 5680 049-01 (15IP) |
| 11 | 3/8 | 32 | 1.250 | 5513 020-01 | 5322 263-01 | 5512 090-01 | 5680 049-01 (15IP) |

A9
A265
A396
G6
A2
A304
J2



SANDVIK Coromant

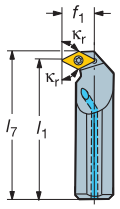
# Barras de mandrinar

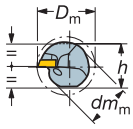
**Diseño de sujeción por tornillo CoroTurn® 107**

**Cilíndrico con planos**

| | **Mango de acero A...-SDQCR/L** | **Mango de acero A...-SDXCR/L** |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 107,5° | $\kappa_r$ 62,5° |
| Ángulo de ataque: | -17.5° | 27.5° |

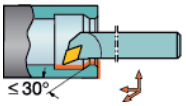
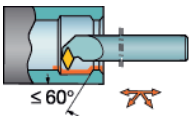
DCMT, DCMX
DCGT, DCGX, DCET
DCMW



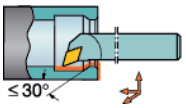
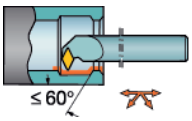




**Voladizo máx. 4 x $dm_m$**
**Con suministro interno de refrigerante**
A derechas en la ilustración

## Versión métrica

| Aplicación principal | | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $l_7$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  ≤ 30° | 07 | A10K-SDQCR/L 07 | 10 | 13 | 7 | 9 | 125 | | 0° | -10° | DCMT 07 02 04 | 0.9 |
| | | A12M-SDQCR/L 07 | 12 | 16 | 9 | 11 | 150 | | 0° | -7° | DCMT 07 02 04 | 0.9 |
| | | A16R-SDQCR/L 07 | 16 | 20 | 11 | 15 | 200 | | 0° | -5° | DCMT 07 02 04 | 0.9 |
| | 11 | A20S-SDQCR/L 11 | 20 | 25 | 13 | 18 | 250 | | 0° | -6° | DCMT 11 T3 08 | 3.0 |
| | | A25T-SDQCR/L 11 | 25 | 32 | 17 | 23 | 300 | | 0° | -4° | DCMT 11 T3 08 | 3.0 |
|  ≤ 60° | 07 | A12M-SDXCR/L 07 | 12 | 16 | 9 | 11 | 150 | 155.1 | -3° | -6° | DCMT 07 02 04 | 0.9 |
| | | A16R-SDXCR/L 07 | 16 | 20 | 11 | 15 | 200 | 205.1 | -2° | -4° | DCMT 07 02 04 | 0.9 |
| | 11 | A20S-SDXCR/L 11 | 20 | 25 | 13 | 18 | 250 | 256.8 | -3° | -5° | DCMT 11 T3 08 | 3.0 |
| | | A25T-SDXCR/L 11 | 25 | 32 | 17 | 23 | 300 | 306.8 | -2° | -3° | DCMT 11 T3 08 | 3.0 |

## Versión en pulgadas

| Aplicación principal | $iC$ | Código de pedido | Dimensiones, pulgadas $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $l_7$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  ≤ 30° | 1/4 | A06M-SDQCR/L 2 | .375 | .598 | .375 | .336 | 6.000 | | 0° | -8° | DCMT 2(1.5)1 | 0.5 |
| | | A08M-SDQCR/L 2 | .500 | .728 | .437 | .460 | 6.000 | | 0° | -6° | DCMT 2(1.5)1 | 0.5 |
| | | A10R-SDQCR/L 2 | .625 | .850 | .500 | .562 | 8.000 | | 0° | -4° | DCMT 2(1.5)1 | 0.5 |
| | 3/8 | A12S-SDQCR/L 3 | .750 | .980 | .562 | .709 | 10.000 | | 0° | -6° | DCMT 3(2.5)2 | 2.1 |
| | | A16T-SDQCR/L 3 | 1.000 | 1.299 | .750 | .906 | 12.000 | | 0° | -3° | DCMT 3(2.5)2 | 2.1 |
|  ≤ 60° | 1/4 | A08M-SDXCR/L 2 | .500 | .681 | .392 | .460 | 6.000 | 6.2008 | -2° | -5° | DCMT 2(1.5)1 | 0.5 |
| | | A10R-SDXCR/L 2 | .625 | .850 | .486 | .562 | 8.000 | 8.2008 | -2° | -3° | DCMT 2(1.5)1 | 0.5 |
| | 3/8 | A12S-SDXCR/L 3 | .750 | 1.012 | .580 | .709 | 10.000 | 10.2677 | -3° | -5° | DCMT 3(2.5)2 | 2.1 |
| | | A16T-SDXCR/L 3 | 1.000 | 1.280 | .720 | .906 | 12.000 | 12.2677 | -2° | -3° | DCMT 3(2.5)2 | 2.1 |

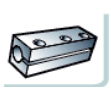
1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

Para el conector del refrigerante, véase la página A308

## Piezas de repuesto principales

| Tamaño de plaquita | | Diám. de barra, $dm_m$ | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | $iC$ | mm | pulgadas | Tornillo de plaquita | Placa de apoyo | Tornillo de la placa de apoyo | Llave (Torx Plus) | |
| 07 | 1/4 | 10-16 | .375-.625 | 5513 020-03 | - | - | 5680 051-02 (7IP) | |
| 11 | 3/8 | 20 | .750 | 5513 020-09 | - | | 5680 049-01 (15IP) | |
| 11 | 3/8 | 25 | 1.000 | 5513 020-10 | - | | 5680 049-01 (15IP) | |

A9
A265
A396
G6
A2
 A304
J2

# Barras de mandrinar para aplicaciones médicas

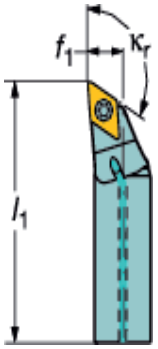
**Diseño de sujeción por tornillo CoroTurn® 107**

**Cilíndrico**

**Con ranura para manguito EasyFix** **Mango de acero**
**A...-SDXCR/L**

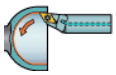
Ángulo de posición: $\kappa_r$ 120°
Ángulo de ataque: -30°

DCMT, DCGT

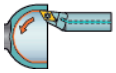



**Voladizo máx. 4 x $dm_m$**
**Con suministro interno de refrigerante**
A derechas en la ilustración

## Versión métrica

| Aplicación principal | | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $l_1$ | $\gamma$ 1) | $\lambda_s$ 2) | Plaquitas calibradoras | Nm 3) |
|---|---|---|---|---|---|---|---|---|---|---|
|  | 07 | **A16K-SDXCR/L 07-R** | 16 | 20 | 9 | 125 | 3° | -3° | DCMT 07 02 04 | 0.9 |
| | 11 | **A20M-SDXCR/L 11-R** | 20 | 25 | 12 | 150 | 0° | -3° | DCMT 11 T3 08 | 3.0 |

## Versión en pulgadas

| Aplicación principal | *iC* | Código de pedido | Dimensiones, pulgadas $dm_m$ | $D_m$ mín. | $f_1$ | $l_1$ | $\gamma$ 1) | $\lambda s$ 2) | Plaquitas calibradoras | p-lbs 4) |
|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/4 | **A10K-SDXCR/L 2-R** | .625 | .787 | .354 | 4.921 | 3° | -3° | DCMT 2(1.5)1 | 0.7 |
| | 3/8 | **A12M-SDXCR/L 3-R** | .750 | .984 | .472 | 5.906 | 0° | -3° | DCMT 3(2.5)2 | 2.2 |

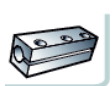
1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

Para el conector del refrigerante, véase la página A308

## Piezas de repuesto principales

| Tamaño de plaquita | | Diám. de barra, $dm_m$ | | | |
|---|---|---|---|---|---|
| | *iC* | mm | pulgadas | Tornillo de plaquita | Llave (Torx Plus) |
| 07 | 1/4 | 16 | .635 | 5513 020-03 | 5680 051-02 (7IP) |
| 11 | 3/8 | 20 | .750 | 5513 020-09 | 5680 049-01 (15IP) |

A9
A396
G6
A2
 A304
J2



SANDVIK Coromant

# Barras de mandrinar para aplicaciones médicas

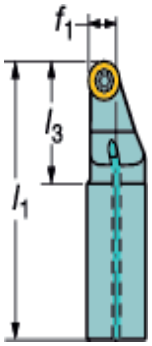
**Diseño de sujeción por tornillo CoroTurn® 107**

**Cilíndrico**

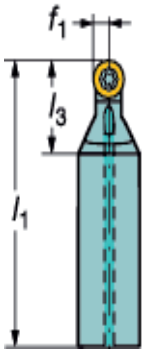
**Con ranura para manguito EasyFix**

R300

**Mango de acero A...-SRXDR/L**



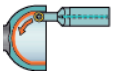
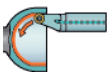

**Mango de acero A...SRDDN**



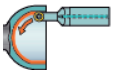
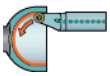

**Voladizo máx. 4 x $dm_m$**
**Con suministro interno de refrigerante**

A derechas en la ilustración

## Versión métrica

| Aplicación principal | ○ | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $l_1$ | $l_3$ | $\gamma$ 1) | $\lambda_s$ 2) | Plaquitas calibradoras | Nm 4) |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 08 | A16K-SRDDN 08-R | 16 | 20 | 4 | 125 | 19.8 | 0° | 0° | R300-0828.. | 0.9 |
|  | 08 | A20M-SRXDR/L 08-R | 20 | 25 | 9 | 150 | 30 | 0° | 0° | R300-0828.. | 1.2 |
| | 10 | A20M-SRXDR/L 10-R | 20 | 25 | 9 | 150 | 30 | 0° | 0° | R300-1032.. | 3.0 |

## Versión en pulgadas

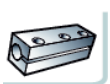
| Aplicación principal | ○ | Código de pedido | Dimensiones, pulgadas $dm_m$ | $D_m$ mín. | $f_1$ | $l_1$ | $l_3$ | $\gamma$ 1) | $\lambda_s$ 2) | Plaquitas calibradoras | pies-lbs 5) |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 08 | A10K-SRDDN 08-R | .625 | .787 | .157 | 4.921 | .780 | 0° | 0° | R300-08.. | 0.7 |
|  | 08 | A12M-SRXDR/L 08-R | .750 | .984 | .354 | 5.906 | 1.181 | 0° | 0° | R300-08.. | 0.9 |
| | 10 | A12M-SRXDR/L 10-R | .750 | .748 | .354 | 5.906 | 1.181 | 0° | 0° | R300-10.. | 2.2 |

1) $D_m$ mín. = diámetro mínimo de cavidad.
2) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
3) $\lambda_s$ = Ángulo de inclinación
4) Par torsor de la plaquita Nm
5) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de ○ | Diám. de barra, $dm_m$ mm | pulgadas | Tornillo de plaquita | Llave (Torx Plus) |
|---|---|---|---|---|
| 08 | 16 | .625 | 5513 020-48 | 5680 051-02 (7IP) |
| 08 | 20 | .750 | 5513 020-56 | 5680 046-01 (8IP) |
| 10 | 20 | .750 | 5513 020-43 | 5680 046-02 (15IP) |

A280 A266 A396 G6 A2  A304 J2

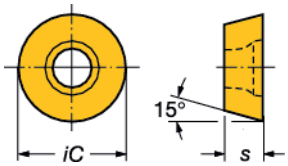
# Plaquitas

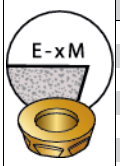
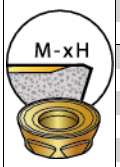
**Barras de mandrinar para aplicaciones médicas**

E-xM

M-xH

E-xL




| | | | | | P | | | | | M | | | | | K | | | | | | N | | | | S | | | | | | H | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | GC | - | GC | GC | GC | - | GC | GC | GC | GC | GC | - | GC | GC | GC | GC | |
| | | iO | iC | ISO | 1025 | 1030 | 4220 | 4230 | 4240 | 1030 | 1115 | 1125 | 2025 | 235 | 3040 | 3210 | 3215 | 4220 | 4240 | H13A | 1005 | 1025 | 1030 | H13A | 1025 | 1030 | 1105 | 1115 | 1125 | H13A | 1025 | 1030 | 3040 | 4220 | ANSI |
| Ligero | | 08 | 8 | R300-0828E-KL | | | | | | | | | | | | | | | ☆ | | | | ☆ | | | | | | ☆ | | | | | R300-0828E-KL |
| | | | | R300-0828E-PL | | ☆ | | | | ☆ | | | | | | | | | | | | ☆ | | | ☆ | | | | | | ☆ | | | R300-0828E-PL |
| | | 10 | 10 | R300-1032E-KL | | | | | | | | | | | | | | | ☆ | | | | ☆ | | | | | | ☆ | | | | | R300-1032E-KL |
| | | | | R300-1032E-PL | | ☆ | | | | ☆ | | | | | | | | | | | | ☆ | | | ☆ | | | | | | ☆ | | | R300-1032E-PL |
| Medio |  | 08 | 8 | R300-0828E-PM | ☆ | ☆ | | | ☆ | | | | | | | | | ☆ | | | ☆ | ☆ | | | ☆ | ☆ | | | | | ☆ | ☆ | | | R300-0828E-PM |
| | | 10 | 10 | R300-1032E-PM | ☆ | ☆ | | | ☆ | | | | | | | | | ☆ | | | ☆ | ☆ | | | ☆ | ☆ | | | | | ☆ | ☆ | | | R300-1032E-PM |
| Pesado |  | 08 | 8 | R300-0828M-KH | | | | | | | | | | | ☆ | | | | | | | | ☆ | | | | | | ☆ | | | ☆ | | R300-0828M-KH |
| | | | | R300-0828M-PH | | ☆ | ☆ | ☆ | ☆ | | | | | | | | | ☆ | | | | ☆ | | | ☆ | | | | | | ☆ | | | ☆ | R300-0828M-PH |
| | | 10 | 10 | R300-1032M-KH | | | | | | | | | | | ☆ | | | | | | | | | | | | | | | | | ☆ | | | R300-1032M-KH |
| | | | | R300-1032M-PH | | ☆ | ☆ | ☆ | ☆ | | | | | | | | | ☆ | | | | ☆ | | | ☆ | | | | | | ☆ | | | ☆ | R300-1032M-PH |

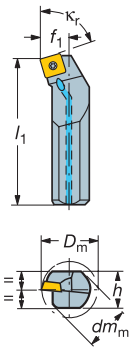
A266 A396 G6 A2 A304 J2

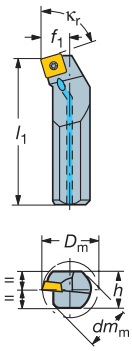
# Barras de mandrinar

**Diseño de sujeción por tornillo CoroTurn® 107**

| | **Mango de acero**<br>**Cilíndrico**<br>**Con ranura para manguito EasyFix**<br>**A...-SSKCR/L** | **Mango de acero**<br>**Cilíndrico con plano de apriete**<br>**A...-SSKCR/L** |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 75° | $\kappa_r$ 75° |
| Ángulo de ataque: | 15° | 15° |

SCMT, SCGX
SCMW

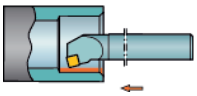


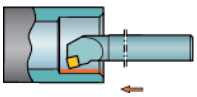

**Voladizo máx. 4 x $dm_m$**
**Con suministro interno de refrigerante**
A derechas en la ilustración

## Versión métrica

### Cilíndrico

| Aplicación principal | □ | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $l_1$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|
|  | 09 | **A16R-SSKCR/L 09-R** | 16 | 20 | 11 | 200 | 0° | -9° | SCMT 09 T3 08 | 3.0 |
| | | **A20S-SSKCR/L 09-R** | 20 | 25 | 13 | 250 | 0° | -6° | SCMT 09 T3 08 | 3.0 |

### Cilíndrico con planos

| Aplicación principal | □ | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 09 | **A16R-SSKCR/L 09** | 16 | 20 | 11 | 15 | 200 | 0° | -9° | SCMT 09 T3 08 | 3.0 |
| | | **A20S-SSKCR/L 09** | 20 | 25 | 13 | 18 | 250 | 0° | -6° | SCMT 09 T3 08 | 3.0 |
| | 12 | **A25T-SSKCR/L 12** | 25 | 32 | 17 | 23 | 300 | 0° | -4.5° | SCMT 12 04 08 | 3.0 |
| | | **A32T-SSKCR/L 12** | 32 | 40 | 22 | 30 | 300 | 0° | -9° | SCMT 12 04 08 | 3.0 |

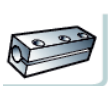
1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm

R = A Derecha, L = A Izquierda

Para el conector del refrigerante, véase la página A308

## Piezas de repuesto principales

| Tamaño de plaquita □ | Diám. de barra, mm | Tornillo de plaquita | Placa de apoyo | Tornillo de la placa de apoyo | Llave (Torx Plus) |
|---|---|---|---|---|---|
| 09 | 16-20 | 5513 020-09 | - | - | 5680 049-01 (15IP) |
| 12 | 25 | 5513 020-17 | - | - | 5680 049-02 (15IP) |
| 12 | 32 | 5513 020-18 | 5322 420-02 | 5512 090-03 | 5680 049-02 (15IP) |

A9
A266
A396
G6
A2
 A304
J2

# Barras de mandrinar

**Diseño de sujeción por tornillo CoroTurn® 107**

**Cilíndrico**

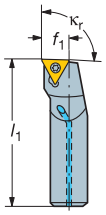
**Con ranura para manguito EasyFix**

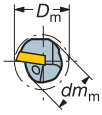
Ángulo de posición: $\kappa_r$ 91°
Ángulo de ataque: -1°

TCMT, TCMX, TCGT, TCGX TCEX

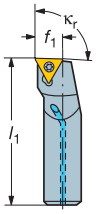
TCMW

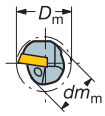
**Mango de acero A...-STFCR/L...R**



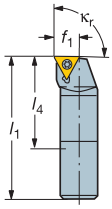



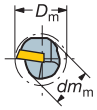

**Mango de metal duro E...-STFCR/L**




**Mango antivibratorio de metal duro F...-STFCR/L**




**Voladizo máx.**
A derechas en la ilustración

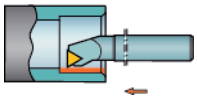
**4 x $dm_m$**
Con suministro interno de refrigerante

**6 x $dm_m$**
Con suministro interno de refrigerante

**10 x $dm_m$**

**Versión métrica**

Silent Tools®

| Aplicación principal | △ | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $l_1$ | 144 ) | $\gamma^{1)}$ | $\lambda_s^{2)}$ | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 06 | A06F-STFCR/L 06-R | 6 | 8.5 | 4.5 | 80 | | 0° | -10° | TCMT 06 T1 02 | 0.6 |
| | | A08H-STFCR/L 06-R | 8 | 11 | 5.9 | 100 | | 0° | -6° | TCMT 06 T1 02 | 0.6 |
| | 09 | A10K-STFCR/L 09-R | 10 | 13 | 7 | 125 | | 0° | -8° | TCMT 09 02 04 | 0.9 |
| | | A12M-STFCR/L 09-R | 12 | 16 | 9 | 150 | | 0° | -6° | TCMT 09 02 04 | 0.9 |
| | 11 | A12M-STFCR/L 11-RB1[5)] | 12 | 16 | 9 | 150 | | 0° | -8° | TCMT 11 03 04 | 0.9 |
| | | A16R-STFCR/L 11-RB1[5)] | 16 | 20 | 11 | 200 | | 0° | -5° | TCMT 11 03 04 | 0.9 |
| | | A20S-STFCR/L 11-RB1[5)] | 20 | 25 | 13 | 250 | | 0° | -3° | TCMT 11 03 04 | 0.9 |
| | | A25T-STFCR/L 11-RB1[5)] | 25 | 32 | 17 | 300 | | 0° | 1° | TCMT 11 03 04 | 0.9 |
| | 06 | E06H-STFCR/L 06-R | 6 | 8.5 | 4.5 | 100 | | 0° | -10° | TCMT 06 T1 02 | 0.6 |
| | | E08K-STFCR/L 06-R | 8 | 11 | 5.9 | 125 | | 0° | -10° | TCMT 06 T1 02 | 0.6 |
| | 09 | E10M-STFCR/L 09-R | 10 | 13 | 7 | 150 | | 0° | -8° | TCMT 09 02 04 | 0.9 |
| | | E12Q-STFCR/L 09-R | 12 | 16 | 9 | 180 | | 0° | -6° | TCMT 09 02 04 | 0.9 |
| | 11 | E16R-STFCR/L 11-R | 16 | 20 | 11 | 200 | | 0° | -4° | TCMT 11 02 04 | 0.9 |
| | 11 | E16R-STFCR/L 11-RB1[5)] | 16 | 20 | 11 | 200 | | 0° | -5° | TCMT 11 03 04 | 0.9 |
| | | E20S-STFCR/L 11-RB1[5)] | 20 | 25 | 13 | 220 | | 0° | -3° | TCMT 11 03 08 | 0.9 |
| | | E25T-STFCR/L 11-RB1[5)] | 25 | 32 | 17 | 270 | | 0° | -3° | TCMT 11 03 08 | 0.9 |
| | 16 | E25T-STFCR/L 16-R | 25 | 32 | 17 | 270 | | 0° | -3° | TCMT 16 T3 08 | 3.0 |
| | 09 | F10M-STFCR/L 09-R | 10 | 13 | 7 | 150 | 60 | 0° | -8° | TCMT 09 02 04 | 0.9 |
| | | F12Q-STFCR/L 09-R | 12 | 16 | 9 | 180 | 72 | 0° | -10° | TCMT 09 02 04 | 0.9 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) No sujetar en esta zona.
5) B1 al final del código de pedido = para plaquitas con espesor 03 = 3.18 mm (2 = 1/8").

R = A Derecha, L = A Izquierda

Para el conector del refrigerante, véase la página A308
Consulte en la siguiente página las piezas de repuesto principales.



SANDVIK Coromant

# Barras de mandrinar

**Diseño de sujeción por tornillo CoroTurn® 107**

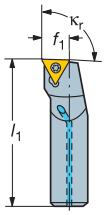
**Cilíndrico**

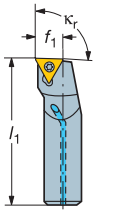
**Con ranura para manguito EasyFix**

TCMT, TCMX,
TCGT, TCGX
TCEX

TCMW

| | **Mango de acero A...-STFCR/L...R** | **Mango de metal duro E...-STFCR/L** |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 91° | $\kappa_r$ 91° |
| Ángulo de ataque: | -1° | -1° |



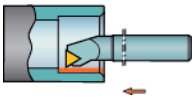




**Voladizo máx.**
A derechas en la ilustración

**4 x $dm_m$**
Con suministro interno de refrigerante

**6 x $dm_m$**
Con suministro interno de refrigerante

## Versión en pulgadas

| Aplicación principal | *iC* | **Código de pedido** | Dimensiones, pulgadas $dm_m$ | $D_m$ mín. | $f_1$ | $l_1$ | $\gamma$[1] | $\lambda_s$[2] | Plaquitas calibradoras | ft-lbs[3] |
|---|---|---|---|---|---|---|---|---|---|---|
|  | 5/32 | **A04F-STFCR/L 1.2-R** | .250 | .342 | .172 | 3.248 | 0° | -12° | TCMT 1.2(1.2)0 | 0.4 |
| | | **A05H-STFCR/L 1.2-R** | .312 | .413 | .219 | 4.000 | 0° | -10° | TCMT 1.2(1.2)0 | 0.4 |
| | 7/32 | **A06M-STFCR/L 1.8-R** | .375 | .500 | .266 | 6.000 | 0° | -9° | TCMT 1.8(1.5)1 | 0.7 |
| | | **A08M-STFCR/L 1.8-R** | .500 | .642 | .344 | 6.000 | 0° | -6° | TCMT 1.8(1.5)1 | 0.7 |
| | 1/4 | **A06M-STFCR/L 2-RB1**[4] | .375 | .500 | .250 | 6.000 | 0° | -12° | TCMT 221 | 0.7 |
| | | **A08M-STFCR/L 2-RB1**[4] | .500 | .598 | .312 | 6.000 | 0° | -9° | TCMT 221 | 0.7 |
| | | **A10R-STFCR/L 2-RB1**[4] | .625 | .772 | .406 | 8.000 | 0° | -6° | TCMT 221 | 0.7 |
| | | **A12S-STFCR/L 2-RB1**[4] | .750 | .929 | .500 | 10.000 | 0° | -3° | TCMT 221 | 0.7 |
| | 5/32 | **E04H-STFCR/L 1.2-R** | .250 | .342 | .172 | 4.000 | 0° | -12° | TCMT 1.2(1.2)0 | 0.4 |
| | | **E05K-STFCR/L 1.2-R** | .312 | .413 | .219 | 5.000 | 0° | -11° | TCMT 1.2(1.2)0 | 0.4 |

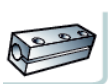
1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
5) Par de apriete de la plaquita, ft-lbs.
4) B1 al final del código de pedido = para plaquitas con espesor 03 = 3.18 mm (2 = 1/8").

R = A Derecha, L = A Izquierda

Para el conector del refrigerante, véase la página A308

## Piezas de repuesto principales

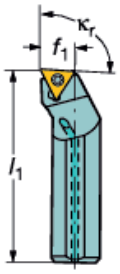
| Tamaño de plaquita | | Diám. de barra, $dm_m$ | | | |
|---|---|---|---|---|---|
| | *iC* | mm | pulgadas | Tornillo de plaquita | Llave (Torx Plus) |
| 06 | 5/32 | 6 | .250 | 5513 020-28 | 5680 051-01 (6IP) |
| 06 | 5/32 | 8 | .312 | 5513 020-27 | 5680 051-01 (6IP) |
| 09 | 7/32 | 10-12 | .375-.500 | 5513 020-05 | 5680 051-02 (7IP) |
| 11 | 1/4 | 12-20 | .375-.750 | 5513 020-03 | 5680 051-02 (7IP) |

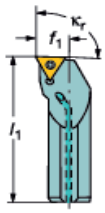
A9
A267
A396
G6
A2
 A304
J2

# Barras de mandrinar

**Diseño de sujeción por tornillo CoroTurn® 107**

| **Cilíndrico con planos** | **Mango de acero A...-STFCR/L** | **Mango de metal duro E...STFCR/L** |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 91° | $\kappa_r$ 91° |
| Ángulo de ataque: | -1° | -1° |

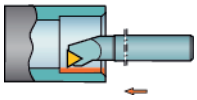



| **Voladizo máx.** | **4 x $dm_m$** | **6 x $dm_m$** |
|---|---|---|

**Con suministro interno de refrigerante**
A derechas en la ilustración

## Versión en pulgadas

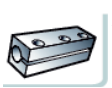
| Aplicación principal | *iC* | **Código de pedido** | Dimensiones, pulgadas $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $\gamma$[1] | $\lambda_s$[2] | Plaquitas calibradoras | ft-lbs[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 5/32 | **A04F-STFCR/L 1.2** | .250 | .342 | .172 | .210 | 3.248 | 0° | -12° | TCMT 1.2(1.2)0 | 0.4 |
| | | **A05H-STFCR/L 1.2** | .312 | .413 | .219 | .272 | 4.000 | 0° | -10° | TCMT 1.2(1.2)0 | 0.4 |
| | 7/32 | **A06M-STFCR/L 1.8** | .375 | .500 | .266 | .336 | 6.000 | 0° | -9° | TCMT 1.8(1.5)1 | 0.7 |
| | | **A08M-STFCR/L 1.8** | .500 | .642 | .344 | .460 | 6.000 | 0° | -6° | TCMT 1.8(1.5)1 | 0.7 |
| | 1/4 | **A06M-STFCR/L 2** | .375 | .500 | .250 | .336 | 6.000 | 0° | -10° | TCMT 2(1.5)1 | 0.7 |
| | | **A08M-STFCR/L 2** | .500 | .598 | .312 | .460 | 6.000 | 0° | -7° | TCMT 2(1.5)1 | 0.7 |
| | | **A10R-STFCR/L 2** | .625 | .772 | .406 | .562 | 8.000 | 0° | -5° | TCMT 2(1.5)1 | 0.7 |
| | | **A12S-STFCR/L 2** | .750 | .929 | .500 | .709 | 10.000 | 0° | -3° | TCMT 2(1.5)1 | 0.7 |
| | 1/4 | **A06M-STFCR/L 2-B1**[4] | .375 | .500 | .250 | .336 | 6.000 | 0° | -12° | TCMT 221 | 0.7 |
| | | **A08M-STFCR/L 2-B1**[4] | .500 | .598 | .312 | .460 | 6.000 | 0° | -9° | TCMT 221 | |
| | | **A10R-STFCR/L 2-B1**[4] | .625 | .772 | .406 | .562 | 8.000 | 0° | -6° | TCMT 221 | 0.7 |
| | | **A12S-STFCR/L 2-B1**[4] | .750 | .929 | .500 | .709 | 10.000 | 0° | -3° | TCMT 221 | 0.7 |
| | 3/8 | **A16T-STFCR/L 3** | 1.000 | 1.201 | .640 | .906 | 12.000 | 0° | -4° | TCMT 3(2.5)2 | 2.2 |
| | | **A20T-STFCR/L 3** | 1.250 | 1.468 | .765 | 1.181 | 12.000 | 0° | -8° | TCMT 3(2.5)2 | 2.2 |
| | | **A24T-STFCR/L 3** | 1.500 | 1.760 | .890 | 1.374 | 12.000 | 0° | -6° | TCMT 3(2.5)2 | 2.2 |
| | 7/32 | **E06M-STFCR/L 1.8** | .375 | .500 | .264 | .359 | 6.000 | 0° | -9.5° | TCMT 1.8(1.5)1 | 0.7 |
| | | **E08R-STFCR/L 1.8** | .500 | .630 | .312 | .484 | 8.000 | 0° | -7° | TCMT 1.8(1.5)1 | 0.7 |
| | 1/4 | **E06M-STFCR/L 2-B1**[4] | .375 | .480 | .250 | .359 | 6.000 | 0° | -12° | TCMT 221 | 0.7 |
| | | **E08R-STFCR/L 2-B1**[4] | .500 | .598 | .312 | .484 | 8.000 | 0° | -9° | TCMT 221 | 0.7 |
| | | **E10R-STFCR/L 2-B1**[4] | .625 | .772 | .406 | .609 | 8.000 | 0° | -6° | TCMT 221 | 0.7 |
| | | **E12S-STFCR/L 2-B1**[4] | .750 | .929 | .500 | .734 | 10.000 | 0° | -4° | TCMT 221 | 0.7 |
| | 3/8 | **E16T-STFCR/L 3** | 1.000 | 1.201 | .640 | .984 | 12.000 | 0° | -4° | TCMT 3(2.5)2 | 2.2 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par de apriete de la plaquita, ft-lbs.
4) B1 al final del código de pedido = para plaquitas con espesor 03 = 3.18 mm (2 = 1/8").

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita | | Diám. de barra, $dm_m$ | | | | |
|---|---|---|---|---|---|---|
| | *iC* | Pulgadas | Tornillo de plaquita | Placa de apoyo | Tornillo de la placa de apoyo | Llave (Torx Plus) |
| 06 | 5/32 | .250 | 5513 020-28 | - | - | 5680 051-01 (6IP) |
| 06 | 5/32 | .312 | 5513 020-27 | - | - | 5680 051-01 (6IP) |
| 09 | 7/32 | .375-.500 | 5513 020-05 | - | - | 5680 051-02 (7IP) |
| 11 | 1/4 | .375-.750 | 5513 020-03 | - | - | 5680 051-02 (7IP) |
| 16 | 3/8 | 1.000 | 5513 020-10 | - | - | 5680 049-01 (15IP) |
| 16 | 3/8 | 1.250-1.500 | 5513 020-01 | 5322 320-01 | 5512 090-01 | 5680 049-01 (15IP) |

A9
A267
A396
G6
A2
 A304
J2



SANDVIK Coromant

# Barras de mandrinar

## Diseño de sujeción por tornillo CoroTurn® 107

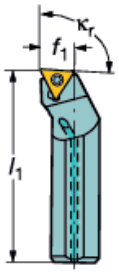
**Cilíndrico con planos**

**Acero**
**A...-STFCR/L**

Ángulo de posición: $\kappa_r$ 91°
Ángulo de ataque: -1°

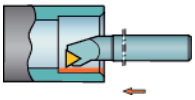
TCMT, TCMX,
TCGT, TCGX
TCEX

TCMW




**Voladizo máx. 4 x $dm_m$**
**Con suministro interno de refrigerante**
A derechas en la ilustración

### Versión métrica

| Aplicación principal | △ | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $\gamma$ 1) | $\lambda_s$ 2) | Plaquitas calibradoras | Nm 3) |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 06 | **A06F-STFCR/L 06** | 6 | 8.5 | 4.5 | 5 | 80 | 0° | -12° | TCMT 06 T1 02 | 0.6 |
| | | **A08H-STFCR/L 06** | 8 | 11 | 5.9 | 7 | 100 | 0° | -10° | TCMT 06 T1 02 | 0.6 |
| | 09 | **A10K-STFCR/L 09** | 10 | 13 | 7 | 9 | 125 | 0° | -9° | TCMT 09 02 04 | 0.9 |
| | | **A12M-STFCR/L 09** | 12 | 16 | 9 | 11 | 150 | 0° | -6.5° | TCMT 09 02 04 | 0.9 |
| | 11 | **A12M-STFCR/L 11** | 12 | 16 | 9 | 11 | 150 | 0° | -7° | TCMT 11 02 04 | 0.9 |
| | | **A16R-STFCR/L 11** | 16 | 20 | 11 | 15 | 200 | 0° | -5° | TCMT 11 02 04 | 0.9 |
| | | **A20S-STFCR/L 11** | 20 | 25 | 13 | 18 | 250 | 0° | -3° | TCMT 11 02 04 | 0.9 |
| | 11 | **A12M-STFCR/L 11-B1** 4) | 12 | 16 | 9 | 11 | 150 | 0° | -8° | TCMT 11 03 04 | 0.9 |
| | | **A16R-STFCR/L 11-B1** 4) | 16 | 20 | 11 | 15 | 200 | 0° | -5° | TCMT 11 03 04 | 0.9 |
| | | **A20S-STFCR/L 11-B1** 4) | 20 | 25 | 13 | 18 | 250 | 0° | -3° | TCMT 11 03 04 | 0.9 |
| | 16 | **A25T-STFCR/L 16** | 25 | 32 | 17 | 23 | 300 | 0° | -3° | TCMT 16 T3 08 | 3.0 |
| | | **A32T-STFCR/L 16** | 32 | 40 | 22 | 30 | 300 | 0° | -7° | TCMT 16 T3 08 | 3.0 |
| | | **A40T-STFCR/L 16** | 40 | 50 | 27 | 37 | 300 | 0° | -4.5° | TCMT 16 T3 08 | 3.0 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) B1 al final del código de pedido = para plaquitas con espesor 03 = 3.18 mm (2 = 1/8").

R = A Derecha, L = A Izquierda

### Piezas de repuesto principales

| Tamaño de plaquita △ | *iC* | Diám. de barra, $dm_m$ mm | Tornillo de plaquita | Placa de apoyo | Tornillo de la placa de apoyo | Llave (Torx Plus) |
|---|---|---|---|---|---|---|
| 06 | 5/32 | 6 | 5513 020-28 | - | - | 5680 051-01 (6IP) |
| 06 | 5/32 | 8 | 5513 020-27 | - | - | 5680 051-01 (6IP) |
| 09 | 7/32 | 10-12 | 5513 020-05 | - | - | 5680 051-02 (7IP) |
| 11 | 1/4 | 12-20 | 5513 020-03 | - | - | 5680 051-02 (7IP) |
| 16 | 3/8 | 25 | 5513 020-10 | - | - | 5680 049-01 (15IP) |
| 16 | 3/8 | 32-40 | 5513 020-01 | 5322 320-01 | 5512 090-01 | 5680 049-01 (15IP) |

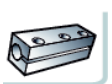
A9

A267

A396

G6

A2


A304

J2

# Barras de mandrinar

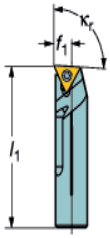
## Diseño de sujeción por tornillo CoroTurn® 107

**Cilíndrico** **Mango de acero**

**Con ranura para manguito EasyFix** **A...-STUCR/L-GR**

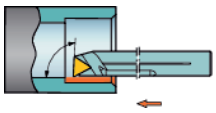
Ángulo de posición: $\kappa_r$ 93°
Ángulo de ataque: -3°

TCEX




**Voladizo máx. 4 x $dm_m$**
**Con suministro interno de refrigerante**
A derechas en la ilustración

### Versión métrica

| Aplicación principal | △ | Código de pedido[4] | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $l_1$ | $\gamma$[1] | $\lambda_s$[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|
|  | 05 | **A05F-STUCR/L 05-GR** | 5 | 6 | 2.9 | 80 | 0° | 0° | TCEX 05 01 00R-F | 0.4 |
| | | **A06F-STUCR/L 05-GR** | 6 | 7 | 3.2 | 80 | 0° | 0° | TCEX 05 01 00R-F | 0.4 |
| | 06 | **A08H-STUCR/L 06-GR** | 8 | 9 | 4.2 | 100 | 0° | 0° | TCEX 06 T1 00R-F | 0.6 |
| | | **A10K-STUCR/L 06-GR** | 10 | 11 | 5.2 | 125 | 0° | 0° | TCEX 06 T1 00R-F | 0.6 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) La barra de mandrinar a derecha (R) utiliza plaquitas TCEX a izquierda (L) y viceversa.

R = A Derecha, L = A Izquierda

Para el conector del refrigerante, véase la página A308

### Piezas de repuesto principales

| Tamaño de plaquita △ | Diám. de barra, $dm_m$ mm | Tornillo de plaquita | Llave |
|---|---|---|---|
| **05** | 5-6 | 5513 020-53 | 5680 041-03 |
| **06** | 8 | 5513 020-44 | 5680 041-03 |
| **06** | 10 | 5513 020-28 | 5680 041-03 |

A9
A267
A396
G6
A2
A304
J2



SANDVIK Coromant

# Barras de mandrinar

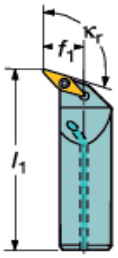
## Diseño de sujeción por tornillo CoroTurn® 107

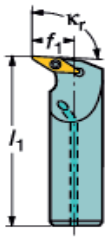
**Cilíndrico con ranura para manguito EasyFix**

| | **Mango de acero A...-SVQBR/L** | **Mango de acero A...-SVUBR/L** |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 107,5° | $\kappa_r$ 93° |
| Ángulo de ataque: | -17.5° | -3° |

VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

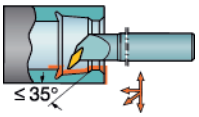
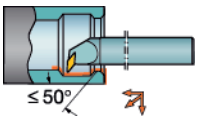
VBMW, VCMW



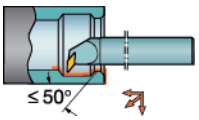




**Voladizo máx. 4 x $dm_m$**
**Con suministro interno de refrigerante**
A derechas en la ilustración

### Versión métrica

| Aplicación principal | | codigos de pedido[5] | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $l_1$ | $\gamma$[1] | $\lambda_s$[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|
|  ≤ 35° | 11 | **A16R-SVQBR/L 11-ERB1** | 16 | 22 | 13 | 200 | 0° | -7° | VBMT 11 03 04 | 0.9 |
| | | **A20S-SVQBR/L 11-ERB1** | 20 | 27 | 15 | 250 | 0° | -5° | VBMT 11 03 04 | 0.9 |
|  ≤ 50° | 11 | **A16R-SVUBR/L 11-ERB1** | 16 | 22 | 13 | 200 | 0° | -7° | VBMT 11 03 04 | 0.9 |
| | | **A20S-SVUBR/L 11-ERB1** | 20 | 27 | 15 | 250 | 0° | -5° | VBMT 11 03 04 | 0.9 |

### Versión en pulgadas

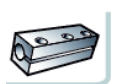
| Aplicación principal | *iC* | codigos de pedido[5] | Dimensiones, pulgadas $dm_m$ | $D_m$ mín. | $f_1$ | $l_1$ | $\gamma$[1] | $\lambda_s$[2] | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|
|  ≤ 50° | 1/4 | **A10R-SVUBR/L 2-ERB1** | .625 | .850 | .486 | 8.000 | 0° | -7° | VBMT 221 | 0.7 |
| | | **A12S-SVUBR/L 2-ERB1** | .750 | 1.012 | .580 | 10.000 | 0° | -5° | VBMT 221 | 0.7 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.
5) B1 al final del código de pedido = para plaquitas con espesor 03 = 3.18 mm (2 = 1/8").

R = A Derecha, L = A Izquierda

### Piezas de repuesto principales

| Tamaño de plaquita | | Diám. de barra, $dm_m$ | | | | | |
|---|---|---|---|---|---|---|---|
| | *iC* | mm | pulgadas | Tornillo de plaquita | Placa de apoyo | Tornillo de la placa de apoyo | Llave (Torx Plus) |
| 11 | 1/4 | 16-25 | .625-1.000 | 5513 020-20 | - | - | 5680 051-02 (7IP) |

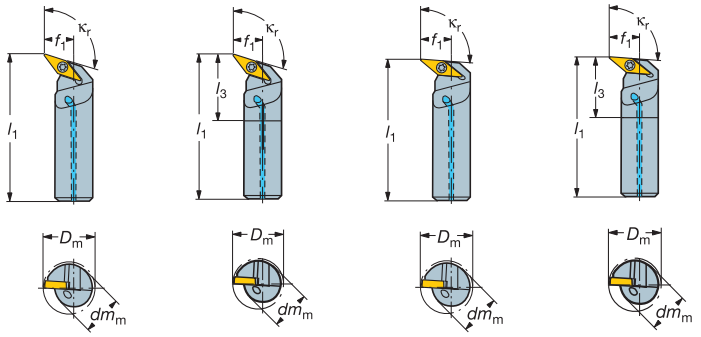
A9
A268
A396
G6
A2
 A304
J2

# Barras de mandrinar

## Diseño de sujeción por tornillo CoroTurn® 107

**Cilíndrico**
**Con ranura para manguito EasyFix**

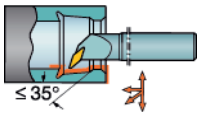
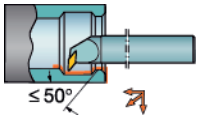
| | Mango de acero | Mango de metal duro | Mango de acero | Mango de metal duro |
|---|---|---|---|---|
| | **A...-SVQCR/L** | **E...-SVQCR/L** | **A...-SVUCR/L** | **E...-SVUCR/L** |
| Ángulo de posición: | $\kappa_r$ 107,5° | $\kappa_r$ 107,5° | $\kappa_r$ 93° | $\kappa_r$ 93° |
| Ángulo de ataque: | -17.5° | -17.5° | -3° | -3° |



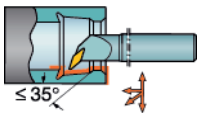
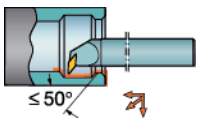

| | | | | |
|---|---|---|---|---|
| **Voladizo máx.** | **4 x *dm*$_m$** | **6 x *dm*$_m$** | **4 x *dm*$_m$** | **6 x *dm*$_m$** |

**Con suministro interno de refrigerante**
A derechas en la ilustración

### Versión métrica

| Aplicación principal | | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $l_1$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|
|  | 11 | **A16R-SVQCR/L 11-ER** | 16 | 22 | 13 | 200 | 0° | -4° | VCMT 11 03 04 | 0.9 |
| | 11 | **E16R-SVQCR/L 11-ER** | 16 | 22 | 13 | 200 | 0° | -4° | VCMT 11 03 04 | 0.9 |
|  | 11 | **A16R-SVUCR/L 11-ER** | 16 | 22 | 13 | 200 | 0° | -4° | VCMT 11 03 04 | 0.9 |
| | 11 | **E16R-SVUCR/L 11-ER** | 16 | 22 | 13 | 200 | 0° | -4° | VCMT 11 03 04 | 0.9 |

### Versión en pulgadas

| Aplicación principal | *iC* | Código de pedido | Dimensiones, pulgadas $dm_m$ | $D_m$ mín. | $f_1$ | $l_1$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/4 | **A10R-SVQCL 2-ER** | .625 | .850 | .486 | 8.000 | 2° | -4° | VCMT 221 | 0.7 |
|  | 1/4 | **A10R-SVUCR/L 2-ER** | .625 | .850 | .486 | 8.000 | 2° | -4° | VCMT 221 | 0.7 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

Para el conector del refrigerante, véase la página A308

### Piezas de repuesto principales

| Tamaño de plaquita | | Diám. de barra, *dm*$_m$ | | | |
|---|---|---|---|---|---|
| | *iC* | mm | pulgadas | Tornillo de plaquita | Llave (Torx Plus) |
| 11 | 1/4 | 16 | .625 | 5513 020-03 | 5680 051-02 (7IP) |

A9

A402

G6

A2

A304

J2



SANDVIK Coromant

# Barras de mandrinar

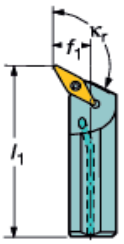
**Diseño de sujeción por tornillo CoroTurn® 107**

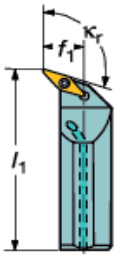
**Cilíndrico con planos**

| | **Mango de acero A...-SVPBR/L** | **Mango de acero A...-SVQBR/L** |
|---|---|---|
| Ángulo de posición: | $\kappa_r$117,5° | $\kappa_r$ 107,5° |
| Ángulo de ataque: | -27.5° | -17.5° |

VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

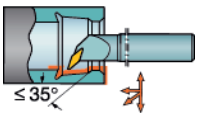
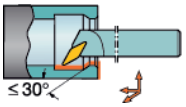
VBMW, VCMW




**Voladizo máx. 4 x $dm_m$**
**Con suministro interno de refrigerante**
A derechas en la ilustración

## Versión métrica

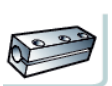
| Aplicación principal | | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $\gamma$[1] | $\lambda_s$[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 11 | **A16R-SVQBR/L 11-E** | 16 | 22 | 13 | 15 | 200 | 0° | -7° | VBMT 11 02 04 | 0.9 |
| | | **A20S-SVQBR/L 11-E** | 20 | 27 | 15 | 18 | 250 | 0° | -5° | VBMT 11 02 04 | 0.9 |
| | | **A25T-SVQBR/L 11-D** | 25 | 33 | 18 | 23 | 300 | 0° | -4° | VBMT 11 02 04 | 0.9 |
| | 11 | **A16R-SVQBR/L 11-EB1**[4] | 16 | 22 | 13 | 15 | 200 | 0° | -7° | VBMT 11 03 04 | 0.9 |
| | | **A20S-SVQBR/L 11-EB1**[4] | 20 | 27 | 15 | 18 | 250 | 0° | -5° | VBMT 11 03 04 | 0.9 |
| | | **A25T-SVQBR/L 11-DB1**[4] | 25 | 33 | 18 | 23 | 300 | 0° | -4° | VBMT 11 03 04 | 0.9 |
| | 16 | **A25T-SVQBR/L 16-D** | 25 | 33 | 18 | 23 | 300 | 0° | -7° | VBMT 16 04 08 | 3.0 |
| | | **A32T-SVQBR/L 16** | 32 | 40 | 22 | 30 | 300 | 0° | -7° | VBMT 16 04 08 | 3.0 |
| | | **A40T-SVQBR/L 16** | 40 | 50 | 27 | 37 | 300 | 0° | -5° | VBMT 16 04 08 | 3.0 |
|  | 16 | **A25T-SVPBR/L 16** | 25 | 32 | 17 | 23 | 300 | 0° | -8° | VBMT 16 04 08 | 3.0 |
| | | **A32T-SVPBR/L 16** | 32 | 40 | 22 | 30 | 300 | 0° | -9° | VBMT 16 04 08 | 3.0 |
| | | **A40T-SVPBR/L 16** | 40 | 50 | 27 | 37 | 300 | 0° | -6° | VBMT 16 04 08 | 3.0 |

R = A Derecha, L = A Izquierda

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) B1 al final del código de pedido = para plaquitas con espesor 03 = 3.18 mm (2 = 1/8").

Para el conector del refrigerante, véase la página A308

Piezas de repuesto principales (ver siguiente página)

A9
A268
A396
G6
A2
 A304
J2

# Barras de mandrinar

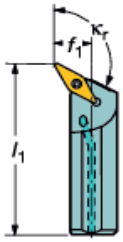
## Diseño de sujeción por tornillo CoroTurn® 107

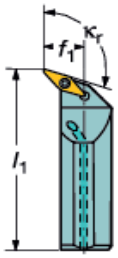
**Cilíndrico con planos**

| | **Mango de acero A...-SVPBR/L** | **Mango de acero A...-SVQBR/L** |
|---|---|---|
| Ángulo de posición: | $\kappa_r$117,5° | $\kappa_r$ 107,5° |
| Ángulo de ataque: | -27.5° | -17.5° |

VBMT, VBGT
VCGX, VCEX,
VCGT, VCET

VBMW, VCMW

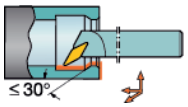
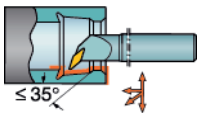



**Voladizo máx. 4 x $dm_m$**
**Con suministro interno de refrigerante**
A derechas en la ilustración

Con suministro interno de refrigerante

### Versión en pulgadas

| Aplicación principal | *iC* | **Código de pedido**[4] | Dimensiones, pulgadas $dm_m$ | $D_m$ mín. | $f_1$ | *h* | $l_1$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | ft-lbs[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  ≤ 30° | 3/8 | **A16T-SVPBR/L 3** | 1.000 | 1.299 | .750 | .906 | 12.000 | 0° | -8° | VBMT 332 | 2.2 |
| | | **A20T-SVPBR/L 3** | 1.250 | 1.579 | .875 | 1.181 | 12.000 | 0° | -9° | VBMT 332 | 2.2 |
| | | **A24T-SVPBR/L 3** | 1.500 | 1.941 | 1.063 | 1.374 | 12.000 | 0° | -6° | VBMT 332 | 2.2 |
|  ≤ 35° | 3/8 | **A16T-SVQBR/L 3-D** | 1.000 | 1.299 | .750 | .906 | 12.000 | 0° | -7° | VBMT 332 | 2.2 |
| | | **A20T-SVQBR/L 3** | 1.250 | 1.579 | .875 | 1.181 | 12.000 | 0° | -7° | VBMT 332 | 2.2 |
| | | **A24T-SVQBR/L 3** | 1.500 | 1.941 | 1.063 | 1.374 | 12.000 | 0° | -5° | VBMT 332 | 2.2 |

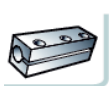
1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

Para el conector del refrigerante, véase la página A308

### Piezas de repuesto principales

| Tamaño de plaquita | | Diám. de barra, $dm_m$ | | | | | |
|---|---|---|---|---|---|---|---|
| | *iC* | mm | pulgadas | Tornillo de plaquita | Placa de apoyo | Tornillo de la placa de apoyo | Llave (Torx Plus) |
| 11 | 1/4 | 16-25 | . | 5513 020-20 | - | - | 5680 051-02 (7IP) |
| 16 | 3/8 | 25 | 1.000 | 5513 020-10 | - | - | 5680 049-01 (15IP) |
| 16 | 3/8 | 32-40 | 1.250-1.500 | 5513 020-01 | 5322 270-01 | 5512 090-01 | 5680 049-01 (15IP) |

A9
A268
A396
G6
A2
 A304
J2



SANDVIK Coromant

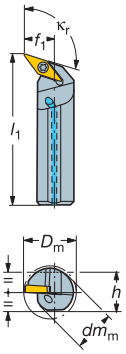
# Barras de mandrinar

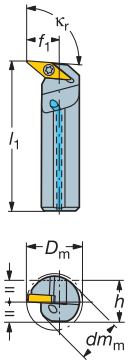
## Diseño de sujeción por tornillo CoroTurn® 107

**Cilíndrico con planos**

| | Mango de acero | Mango de acero |
|---|---|---|
| | **A...-SVQCR/L** | **A...SVUCR/L** |
| Ángulo de posición: | $\kappa_r$ 107,5° | $\kappa_r$ 93° |
| Ángulo de ataque: | -17.5° | -3° |

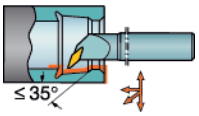
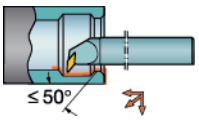
VCMT, VCEX, VCGX
VCMW



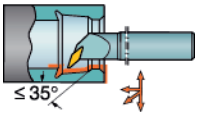
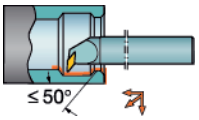




**Voladizo máx. 4 x $dm_m$**
**Con suministro interno de refrigerante**
A derechas en la ilustración

### Versión métrica

| Aplicación principal | | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 11 | **A16R-SVQCR/L 11-E** | 16 | 22 | 13 | 15 | 200 | 0° | -4° | VCMT 11 03 04 | 0.9 |
|  | 11 | **A16R-SVUCR/L 11-E** | 16 | 22 | 13 | 15 | 200 | 0° | -4° | VCMT 11 03 04 | 0.9 |

### Versión en pulgadas

| Aplicación principal | $iC$ | Código de pedido | Dimensiones, pulgadas $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/4 | **A10R-SVQCR/L 2-E** | .625 | .850 | .486 | .562 | 8.000 | 2° | -4° | VCMT 221 | 0.7 |
|  | 1/4 | **A10R-SVUCR/L 2-E** | .625 | .850 | .486 | .562 | 8.000 | 2° | -4° | VCMT 221 | 0.7 |

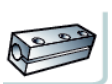
1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

Para el conector del refrigerante, véase la página A308

### Piezas de repuesto principales

| Tamaño de plaquita | | Diám. de barra, $dm_m$ | | | |
|---|---|---|---|---|---|
| | $iC$ | mm | pulgadas | Tornillo de plaquita | Llave (Torx Plus) |
| 11 | 1/4 | 16 | .625 | 5513 020-03 | 5680 051-02 (7IP) |

A9
A402
A402
G6
A2
 A304
J2

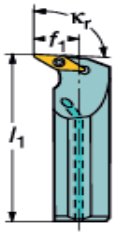
# Barras de mandrinar

**Diseño de sujeción por tornillo CoroTurn® 107**

**Cilíndrico con planos**

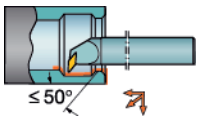
**Mango de acero A...-SVUBR/L**

Ángulo de posición: $\kappa_r$ 93°
Ángulo de ataque: -3°

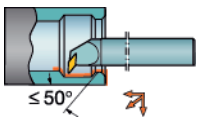



**Voladizo máx. 4 x $dm_m$**
**Con suministro interno de refrigerante**
A derechas en la ilustración

## Versión métrica

| Aplicación principal | | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $\gamma$ 1) | $\lambda_s$ 2) | Plaquitas calibradoras | Nm 3) |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 11 | **A16R-SVUBR/L 11-E** | 16 | 22 | 13 | 15 | 200 | 0° | -6° | VBMT 11 02 04 | 0.9 |
| | | **A16R-SVUBR/L 11-EB1 5)** | 16 | 22 | 13 | 15 | 200 | 0° | -7° | VBMT 11 03 04 | 0.9 |
| | | **A20S-SVUBR/L 11-E** | 20 | 27 | 15 | 18 | 250 | 0° | -5° | VBMT 11 02 04 | 0.9 |
| | | **A20S-SVUBR/L 11-EB1 5)** | 20 | 27 | 15 | 18 | 250 | 0° | -5° | VBMT 11 03 04 | 0.9 |
| | | **A25T-SVUBR/L 11-D** | 25 | 33 | 18 | 23 | 300 | 0° | -4° | VBMT 11 02 04 | 0.9 |
| | | **A25T-SVUBR/L 11-DB1 5)** | 25 | 33 | 18 | 23 | 300 | 0° | -4° | VBMT 11 03 04 | 0.9 |
| | 16 | **A25T-SVUBR/L 16-D** | 25 | 33 | 18 | 23 | 300 | 0° | -6.5° | VBMT 16 04 08 | 3.0 |
| | | **A32T-SVUBR/L 16** | 32 | 40 | 22 | 30 | 300 | 0° | -6° | VBMT 16 04 08 | 3.0 |
| | | **A40T-SVUBR/L 16** | 40 | 50 | 27 | 37 | 300 | 0° | -4° | VBMT 16 04 08 | 3.0 |

## Versión en pulgadas

| Aplicación principal | *iC* | Código de pedido | Dimensiones, pulgadas $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $\gamma$ 1) | $\lambda_s$ 2) | Plaquitas calibradoras | p-lbs 4) |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/4 | **A10R-SVUBR/L 2-E** | .625 | .850 | .486 | .560 | 8.000 | 0° | -7° | VBMT 2(1.5)1 | 0.7 |
| | | **A10R-SVUBR/L 2-EB1 5)** | .625 | .850 | .486 | .560 | 8.000 | 0° | -7° | VBMT 221 | 0.7 |
| | | **A12S-SVUBR/L 2-E** | .750 | 1.012 | .580 | .710 | 10.000 | 0° | -5° | VBMT 2(1.5)1 | 0.7 |
| | | **A12S-SVUBR/L 2-EB1 5)** | .750 | 1.012 | .580 | .710 | 10.000 | 0° | -5° | VBMT 221 | 0.7 |
| | | **A16T-SVUBR/L 2-D** | 1.000 | 1.240 | .680 | .910 | 12.000 | 0° | -4° | VBMT 2(1.5)1 | 0.7 |
| | | **A16T-SVUBR/L 2-DB1 5)** | 1.000 | 1.240 | .680 | .910 | 12.000 | 0° | -4° | VBMT 221 | 0.7 |
| | 3/8 | **A20T-SVUBR/L 3** | 1.250 | 1.705 | 1.000 | 1.181 | 12.000 | 0° | -5° | VBMT 332 | 2.2 |
| | | **A24T-SVUBR/L 3** | 1.500 | 2.126 | 1.125 | 1.374 | 12.000 | 0° | -3° | VBMT 332 | 2.2 |
| | | **A32U-SVUBR/L 3** | 2.000 | 2.551 | 1.375 | 1.874 | 14.000 | 0° | -6° | VBMT 332 | 2.2 |

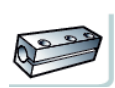
1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.
5) B1 al final del código de pedido = para plaquitas con espesor 03 = 3.18 mm (2 = 1/8").

R = A Derecha, L = A Izquierda

Para el conector del refrigerante, véase la página A308

## Piezas de repuesto principales

| Tamaño de plaquita | | Diám. de barra, $dm_m$ | | | | | |
|---|---|---|---|---|---|---|---|
| | *iC* | mm | pulgadas | Tornillo de plaquita | Placa de apoyo | **Tornillo de la placa de apoyo** | Llave (Torx Plus) |
| 11 | 1/4 | 16-25 | .625-1.000 | 5513 020-20 | - | - | 5680 051-02 (7IP) |
| 16 | 3/8 | 25 | - | 5513 020-10 | - | - | 5680 049-01 (15IP) |
| 16 | 3/8 | 32-40 | 1.250-2.000 | 5513 020-01 | 5322 270-01 | 5512 090-01 | 5680 049-01 (15IP) |

A9
A268
A396
G6
A2
 A304
J2



SANDVIK Coromant

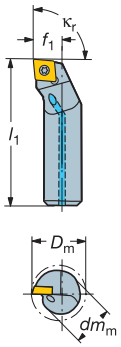
# Barras de mandrinar

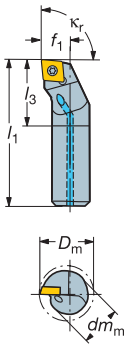
**Diseño de sujeción por tornillo CoroTurn® 111**

**Cilíndrico**
Con ranura para manguito EasyFix

| | **Mango de acero** | **Mango de metal duro** |
|---|---|---|
| | **A...-SCLPR/L** | **E...-SCLPR/L** |
| Ángulo de posición: | $\kappa_r$ 95° | $\kappa_r$ 95° |
| Ángulo de ataque: | -5° | -5° |

CPMT



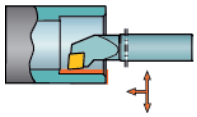




**Voladizo máx.** **4 x $dm_m$** **6 x $dm_m$**

**Con suministro interno de refrigerante**
A derechas en la ilustración

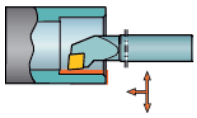
**Cilíndrico**

## Versión métrica



| Aplicación principal | □ | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 06 | **A08K-SCLPR/L 06-R** | 8 | 10 | 5 | 125 | | 0° | -10° | CPMT 06 02 04 | 0.9 |
| | | **A10K-SCLPR/L 06-R** | 10 | 12 | 6 | 125 | | 0° | -7° | CPMT 06 02 04 | 0.9 |
| | | **A12M-SCLPR/L 06-R** | 12 | 16 | 9 | 150 | | 0° | -3° | CPMT 06 02 04 | 0.9 |
| | 06 | **E08K-SCLCR/L 06-R** | 8 | 10 | 5 | 125 | 17 | 0° | -10° | CCMT 06 02 04 | 0.9 |
| | | **E08K-SCLPR/L 06-R** | 8 | 10 | 5 | 125 | 17 | 0° | -10° | CPMT 06 02 04 | 0.9 |
| | | **E10M-SCLCR/L 06-R** | 10 | 12 | 6 | 150 | 21 | 0° | -7° | CCMT 06 02 04 | 0.9 |
| | | **E10M-SCLPR/L 06-R** | 10 | 12 | 6 | 150 | 21 | 0° | -7° | CPMT 06 02 04 | 0.9 |
| | | **E12Q-SCLCR/L 06-R** | 12 | 16 | 9 | 180 | 25 | 0° | -3° | CCMT 06 02 04 | 0.9 |
| | | **E12Q-SCLPR/L 06-R** | 12 | 16 | 9 | 180 | 25 | 0° | -3° | CPMT 06 02 04 | 0.9 |
| | | **E16R-SCLCR/L 06-R** | 16 | 20 | 11 | 200 | 33 | 0° | 0° | CCMT 06 02 04 | 0.9 |
| | 09 | **E16R-SCLCR/L 09-R** | 16 | 20 | 11 | 200 | 33 | 0° | 0° | CCMT 09 T3 08 | 0.9 |

## Versión en pulgadas



| Aplicación principal | *iC* | Código de pedido | Dimensiones, pulgadas $dm_m$ | $D_m$ mín. | $f_1$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1/4 | **A05K-SCLPR/L 2-R** | .312 | .413 | .219 | 5.000 | | 2° | -9° | CPMT 2(1.5)1 | 0.7 |
| | | **A06M-SCLPR/L 2-R** | .375 | .480 | .250 | 6.000 | | 4° | -6.5° | CPMT 2(1.5)1 | 0.7 |
| | | **A08M-SCLPR/L 2-R** | .500 | .598 | .312 | 6.000 | | 6° | -3° | CPMT 2(1.5)1 | 0.7 |
| | 1/4 | **E05K-SCLPR/L 2-R** | .312 | .413 | .219 | 5.000 | .758 | 2° | -9° | CPMT 2(1.5)1 | 0.7 |
| | | **E06M-SCLPR/L 2-R** | .375 | .480 | .250 | 6.000 | .886 | 4° | -7° | CPMT 2(1.5)1 | 0.7 |
| | | **E08R-SCLPR/L 2-R** | .500 | .598 | .312 | 8.000 | .955 | 6° | -3° | CPMT 2(1.5)1 | 0.7 |

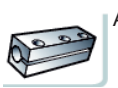
1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

Para el conector del refrigerante, véase la página A308

## Piezas de repuesto principales

| Tamaño de plaquita □ | *iC* | Diám. de barra, $dm_m$ mm | pulgadas | Tornillo de plaquita | Llave (Torx Plus) |
|---|---|---|---|---|---|
| 06 | 1/4 | 8-10 | .312-.375 | 5513 020-21 | 5680 051-02 (7IP) |
| 06 | 1/4 | 12 | .500 | 5513 020-46 | 5680 051-02 (7IP) |

A9
A402
G6
A2
 A304
J2

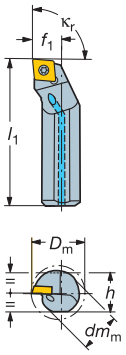
# Barras de mandrinar

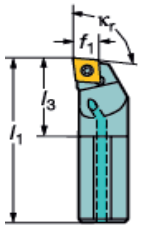
**Diseño de sujeción por tornillo CoroTurn® 111**

**Cilíndrico con planos**
Con ranura para manguito EasyFix

| | **Mango de acero** | **Mango de metal duro** |
|---|---|---|
| | **A...-SCLPR/L** | **E...SCLPR/L** |
| Ángulo de posición: | $\kappa_r$ 95° | $\kappa_r$ 95° |
| Ángulo de ataque: | -5° | -5° |

CPMT

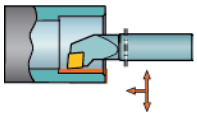


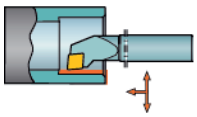

**Voladizo máx.** **4 x $dm_m$** **6 x $dm_m$**

**Con suministro interno de refrigerante**
A derechas en la ilustración

## Versión métrica

| Aplicación principal | | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $\gamma$ 1) | $\lambda s$ 2) | Plaquitas calibradoras | Nm 3) |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 06 | **A08K-SCLPR/L 06** | 8 | 10 | 5 | 7 | 125 | 0° | -10° | CPMT 06 02 04 | 0.9 |
| | | **A10K-SCLPR/L 06** | 10 | 12 | 6 | 9 | 125 | 0° | -7° | CPMT 06 02 04 | 0.9 |
| | | **A12M-SCLPR/L 06** | 12 | 16 | 9 | 11 | 150 | 0° | -3° | CPMT 06 02 04 | 0.9 |

## Versión en pulgadas

| Aplicación principal | $iC$ | Código de pedido | Dimensiones, pulgadas $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $l_3$ | $\gamma$ 1) | $\lambda s$ 2) | Plaquitas calibradoras | p-lbs 4) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/4 | **A05K-SCLPR/L 2** | .312 | .413 | .219 | .272 | 5.000 | | 2° | -9° | CPMT 2(1.5)1 | 0.7 |
| | | **A06M-SCLPR/L 2** | .375 | .480 | .250 | .336 | 6.000 | | 4° | -6.5° | CPMT 2(1.5)1 | 0.7 |
| | | **A08M-SCLPR/L 2** | .500 | .598 | .312 | .460 | 6.000 | | 6° | -3° | CPMT 2(1.5)1 | |
| | 1/4 | **E06M-SCLPR/L 2** | .375 | .480 | .250 | .359 | 6.000 | .886 | 4° | -7° | CPMT 2(1.5)1 | 0.7 |
| | | **E08R-SCLPR/L 2** | .500 | .598 | .312 | .484 | 8.000 | .955 | 6° | -3° | CPMT 2(1.5)1 | 0.7 |

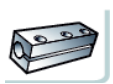
1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

Para el conector del refrigerante, véase la página A308

## Piezas de repuesto principales

| Tamaño de plaquita | | Diám. de barra, $dm_m$ | | | |
|---|---|---|---|---|---|
| | $iC$ | mm | pulgadas | Tornillo de plaquita | Llave (Torx Plus) |
| 06 | 1/4 | 8-10 | .312-.375 | 5513 020-21 | 5680 051-02 (7IP) |
| 06 | 1/4 | 12 | .500 | 5513 020-46 | 5680 051-02 (7IP) |

A9
A402
G6
A2
 A304
J2



SANDVIK Coromant

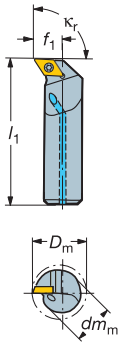
# Barras de mandrinar

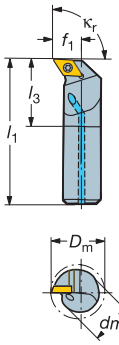
## Diseño de sujeción por tornillo CoroTurn® 111

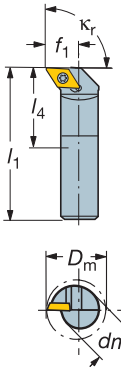
**Cilíndrico**
**Con ranura para manguito EasyFix**

| | **Mango de acero** | **Mango de metal duro** | **Mango antivibratorio de metal duro** |
|---|---|---|---|
| | **A...-SDUPR/L-ER** | **E...-SDUPR/L-ER** | **F...-SDUPR/L-ER** |
| Ángulo de posición: | $\kappa_r$ 93° | $\kappa_r$ 93° | $\kappa_r$ 93° |
| Ángulo de ataque: | -3° | -3° | -3° |

DPMT

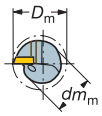


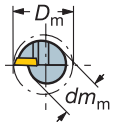









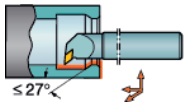




| | | | |
|---|---|---|---|
| **Voladizo máx.** | **4 x $dm_m$** | **6 x $dm_m$** | **10 x $dm_m$** |
| | Con suministro interno de refrigerante | Con suministro interno de refrigerante | |

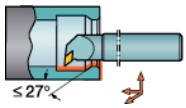
Silent Tools®

A derechas en la ilustración

### Versión métrica

| Aplicación principal | | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $l_1$ | $l_3$ | $l_4$ 5) | $\gamma$ 1) | $\lambda s$ 2) | Plaquitas calibradoras | Nm 3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 07 | **A10K-SDUPR/L 07-ER** | 10 | 15 | 9 | 125 | | | 0° | -2° | DPMT 07 02 04 | 0.9 |
| | | **A12M-SDUPR/L 07-ER** | 12 | 18 | 11 | 150 | | | 0° | -1° | DPMT 07 02 04 | 0.9 |
| | | **A16R-SDUPR/L 07-R** | 16 | 20 | 11 | 200 | | | 0° | 0° | DPMT 07 02 04 | 0.9 |
| | 07 | **E10M-SDUPR/L 07-ER** | 10 | 15 | 9 | 150 | 21 | | 0° | -2° | DPMT 07 02 04 | 0.9 |
| | | **E12Q-SDUPR/L 07-ER** | 12 | 18 | 11 | 180 | 25 | | 0° | -1° | DPMT 07 02 04 | 0.9 |
| | | **E16R-SDUPR/L 07-R** | 16 | 20 | 11 | 200 | 33 | | 0° | 0° | DPMT 07 02 04 | 0.9 |
| | 07 | **F10M-SDUPR/L 07-ER** | 10 | 15 | 9 | 150 | | 60 | 0° | -3° | DPMT 07 02 04 | 0.9 |
| | | **F12Q-SDUPR/L 07-ER** | 12 | 18 | 11 | 180 | | 72 | 0° | -1° | DPMT 07 02 04 | 0.9 |
| | 11 | **A20S-SDUPR/L 11-R** | 20 | 25 | 13 | 250 | | | 0° | -1° | DPMT 11 T3 08 | 3.0 |

### Versión en pulgadas

| Aplicación principal | *iC* | Código de pedido | Dimensiones, pulgadas $dm_m$ | $D_m$ mín. | $f_1$ | $l_1$ | $l_3$ | $l_4$ 5) | $\gamma$ 1) | $\lambda s$ 2) | Plaquitas calibradoras | p-lbs 4) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 1/4 | **A06M-SDUPR/L 2-ER** | .375 | .559 | .330 | 6.000 | | | 4° | -2° | DPMT 2(1.5)1 | 0.7 |
| | | **A08M-SDUPR/L 2-ER** | .500 | .681 | .392 | 6.000 | | | 6° | -1° | DPMT 2(1.5)1 | 0.7 |
| | | **A10R-SDUPR/L 2-R** | .625 | .772 | .406 | 8.000 | | | 6° | 0° | DPMT 2(1.5)1 | 0.7 |
| | 1/4 | **E06M-SDUPR/L 2-ER** | .375 | .559 | .330 | 6.000 | .886 | | 4° | -2° | DPMT 2(1.5)1 | 0.7 |
| | | **E08R-SDUPR/L 2-ER** | .500 | .681 | .392 | 8.000 | .955 | | 6° | -1° | DPMT 2(1.5)1 | 0.7 |
| | | **E10R-SDUPR/L 2-R** | .625 | .772 | .406 | 8.000 | 1.112 | | 6° | 0° | DPMT 2(1.5)1 | 0.7 |
| | 1/4 | **F06M-SDUPR 2-ER** | .375 | .591 | .350 | 6.000 | | 2.756 | 0° | -3° | DPMT 2(1.5)1 | 0.7 |
| | | **F08Q-SDUPR 2-ER** | .500 | .709 | .429 | 7.250 | | 3.307 | 0° | -1° | DPMT 2(1.5)1 | 0.7 |
| | 3/8 | **A12S-SDUPR/L 3-R** | .750 | .929 | .500 | 10.000 | | | 6° | -2° | DPMT 3(2.5)2 | 2.2 |

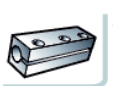
1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.
5) No sujetar en esta zona.

R = A Derecha, L = A Izquierda

Para el conector del refrigerante, véase la página A308

### Piezas de repuesto principales

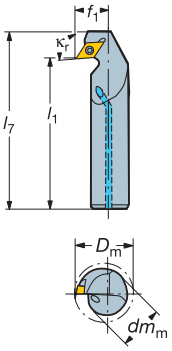
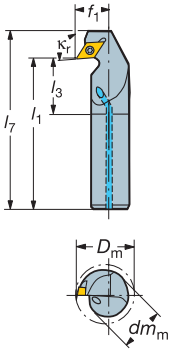
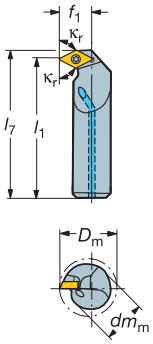
| Tamaño de plaquita | | Diám. de barra, $dm_m$ | | | |
|---|---|---|---|---|---|
| | *iC* | mm | pulgadas | Tornillo de plaquita | Llave (Torx Plus) |
| 07 | 1/4 | 10 | .375-.500 | 5513 020-48 | 5680 051-02 (7IP) |
| 07 | 1/4 | 12-16 | .625 | 5513 020-03 | 5680 051-02 (7IP) |
| 11 | 3/8 | 20 | .750 | 5513 020-09 | 5680 049-01 (15IP) |

A9
A402
G6
A2
 A304
J2

# Barras de mandrinar

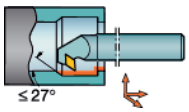
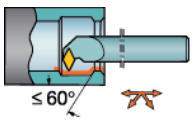
**Diseño de sujeción por tornillo CoroTurn® 111**

**Cilíndrico**

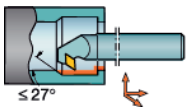
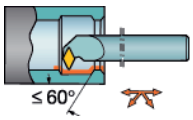
| **Con ranura para manguito EasyFix** | **Mango de acero A...-SDUPR/L-ERX** | **Mango de metal duro E...-SDUPR/L-ERX** | **Mango de acero A...-SDXPR/L-ER** |
|---|---|---|---|
| Ángulo de posición: | $\kappa_r$ 93° | $\kappa_r$ 93° | $\kappa_r$ 62,5° |
| Ángulo de ataque: | -3° | -3° | 27.5° |
| | DPMT | | |
| |  |  |  |
| **Voladizo máx.** | **4 x $dm_m$** | **6 x $dm_m$** | **4 x $dm_m$** |
| **Con suministro interno de refrigerante** | Mandrinado a tracción | Mandrinado a tracción | |

A derechas en la ilustración

## Versión métrica

| Aplicación principal | | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $l_1$ | $l_3$ | $l_7$ | $\gamma$ 1) | $\lambda s$ 2) | Plaquitas calibradoras | Nm 3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  ≤ 27° | 07 | A16R-SDUPR/L 07-ERX | 16 | 22 | 13 | 200 | | 212.1 | 0° | 1° | DPMT 07 02 04 | 0.9 |
| | 07 | E16R-SDUPR/L 07-ERX | 16 | 22 | 13 | 200 | 33 | 212.1 | 0° | 1° | DPMT 07 02 04 | 0.9 |
|  ≤ 60° | 07 | A16R-SDXPR/L 07-ER | 16 | 22 | 13 | 200 | | 204.6 | 0° | 0° | DPMT 07 02 04 | 0.9 |

## Versión en pulgadas

| Aplicación principal | *iC* | Código de pedido | Dimensiones, pulgadas $dm_m$ | $D_m$ mín. | $f_1$ | $l_1$ | $\gamma$ 1) | $\lambda s$ 2) | Plaquitas calibradoras | p-lbs 4) |
|---|---|---|---|---|---|---|---|---|---|---|
|  ≤ 27° | 1/4 | A10R-SDUPR/L 2-ERX | .625 | .850 | .486 | 8.000 | 6° | 0° | DPMT 2(1.5)1 | 0.7 |
|  ≤ 60° | 1/4 | A10R-SDXPR/L 2-ER | .625 | .850 | .486 | 8.000 | 0° | 0° | DPMT 2(1.5)1 | 0.7 |

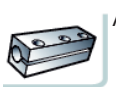
1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

Para el conector del refrigerante, véase la página A308

## Piezas de repuesto principales

| Tamaño de plaquita | | Diám. de barra, $dm_m$ | | | |
|---|---|---|---|---|---|
| | *iC* | mm | pulgadas | Tornillo de plaquita | Llave (Torx Plus) |
| 07 | 1/4 | 16 | .625 | 5513 020-03 | 5680 051-02 (7IP) |

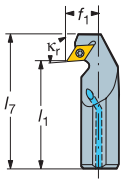
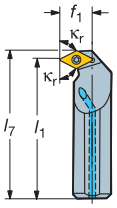
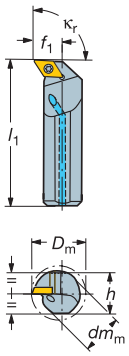
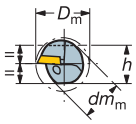
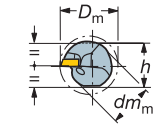
A9
A402
G6
A2
 A304
J2



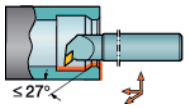
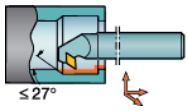
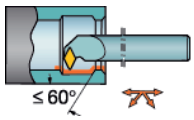
SANDVIK Coromant

# Barras de mandrinar

**Diseño de sujeción por tornillo CoroTurn® 111**

| | Mango de acero | Mango de acero | Mango de acero |
|---|---|---|---|
| **Cilíndrico con planos** | **A...-SDUPR/L** | **A...-SDUPR/L-EX** | **A...-SDXPR/L** |
| Ángulo de posición: | $\kappa_r$ 93° | $\kappa_r$ 93° | $\kappa_r$ 62,5° |
| Ángulo de ataque: | -3° | -3° | 27.5° |
| DPMT | |  |  |
| |  |  |  |
| |  |  |  |
| **Voladizo máx.** | **4 x $dm_m$** | **4 x $dm_m$** | **4 x $dm_m$** |
| **Con suministro interno de refrigerante** | | Mandrinado a tracción | |
| A derechas en la ilustración | | | |

**Versión métrica**

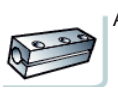
| Aplicación principal | | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $l_7$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 07 | A10K-SDUPR/L 07-E | 10 | 15 | 9 | 9 | 125 | | 0° | -2° | DPMT 07 02 04 | 0.9 |
| | | A12M-SDUPR/L 07-E | 12 | 18 | 11 | 11 | 150 | | 0° | -1° | DPMT 07 02 04 | 0.9 |
| | | A16R-SDUPR/L 07 | 16 | 20 | 11 | 15 | 200 | | 0° | 0° | DPMT 07 02 04 | 0.9 |
| | 11 | A20S-SDUPR/L 11 | 20 | 25 | 13 | 18 | 250 | | 0° | -1° | DPMT 11 T3 08 | 3.0 |
| | | A25T-SDUPR/L 11 | 25 | 32 | 17 | 23 | 300 | | 0° | 2° | DPMT 11 T3 08 | 3.0 |
|  | 07 | A16R-SDUPR/L 07-EX | 16 | 22 | 13 | 15 | 200 | 212.1 | 0° | 1° | DPMT 07 02 04 | 0.9 |
|  | 07 | A16R-SDXPR/L 07-E | 16 | 22 | 13 | 15 | 200 | 204.6 | 0° | 0° | DPMT 07 02 04 | 0.9 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm

R = A Derecha, L = A Izquierda

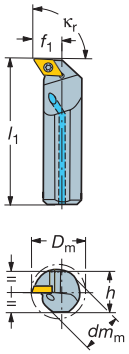
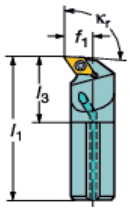
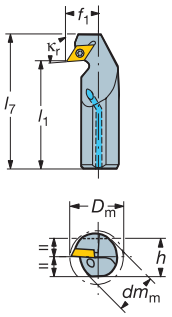
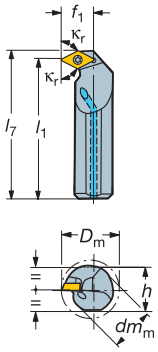
Para el conector del refrigerante, véase la página A308

Piezas de repuesto principales (ver siguiente página)

A9 A402 G6 A2  A304 J2

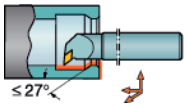
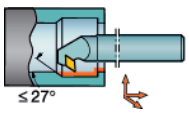
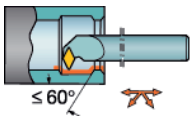
# Barras de mandrinar

**Diseño de sujeción por tornillo CoroTurn® 111**

| | Mango de acero | Mango de metal duro | Mango de acero | Mango de acero |
|---|---|---|---|---|
| **Cilíndrico con planos** | **A...-SDUPR/L** | **E...SDUPR/L** | **A...-SDUPR/L-EX** | **A...-SDXPR/L** |
| Ángulo de posición: | $\kappa_r$ 93° | $\kappa_r$ 93° | $\kappa_r$ 93° | $\kappa_r$ 62,5° |
| Ángulo de ataque: | -3° | -3° | -3° | 27.5° |
| DPMT | | | | |
| |  |  |  |  |
| **Voladizo máx.** | **4 x $dm_m$** | **6 x $dm_m$** | **4 x $dm_m$** | **4 x $dm_m$** |
| **Con suministro interno de refrigerante** | | | Mandrinado a tracción | |

A derechas en la ilustración

## Versión en pulgadas

| Aplicación principal | *iC* | Código de pedido | Dimensiones, pulgadas $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $l_3$ | $l_7$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | ft-lbs[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  ≤ 27° | 1/4 | **A06M-SDUPR/L 2-E** | .375 | .559 | .330 | .336 | 6.000 | | | 4° | -2° | DPMT 2(1.5)1 | 0.7 |
| | | **A08M-SDUPR/L 2-E** | .500 | .681 | .392 | .460 | 6.000 | | | 6° | -1° | DPMT 2(1.5)1 | 0.7 |
| | | **A10R-SDUPR/L 2** | .625 | .772 | .486 | .562 | 8.000 | | | 6° | 1° | DPMT 2(1.5)1 | 0.7 |
| | 1/4 | **E06M-SDUPR 2-E** | .375 | .559 | .330 | .359 | 6.000 | .886 | | 4° | -2° | DPMT 2(1.5)1 | 0.7 |
| | | **E10R-SDUPR/L 2** | .625 | .772 | .406 | .609 | 8.000 | 1.112 | | 6° | 0° | DPMT 2(1.5)1 | 0.7 |
| | 3/8 | **A12S-SDUPR/L 3** | .750 | .929 | .500 | .709 | 10.000 | | | 6° | -2° | DPMT 3(2.5)2 | 2.2 |
| | | **A16T-SDUPR/L 3** | 1.00 | 1.201 | .640 | .906 | 12.000 | | | 6° | 1° | DPMT 3(2.5)2 | 2.2 |
|  ≤ 27° | 1/4 | **A10R-SDUPR/L 2-EX** | .625 | .850 | .486 | .562 | 8.000 | | 8.476 | 6° | 0° | DPMT 2(1.5)1 | 0.7 |
|  ≤ 60° | 1/4 | **A10R-SDXPR/L 2-E** | .625 | .850 | .486 | .562 | 8.000 | | 8.201 | 0° | 0° | DPMT 2(1.5)1 | 0.7 |

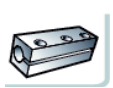
1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

Para el conector del refrigerante, véase la página A308

## Piezas de repuesto principales

| Tamaño de plaquita | | Diám. de barra, $dm_m$ | | | |
|---|---|---|---|---|---|
| | *iC* | mm | pulgadas | Tornillo de plaquita | Llave (Torx Plus) |
| 07 | 1/4 | 10 | .375-.500 | 5513 020-48 | 5680 051-02 (7IP) |
| 07 | 1/4 | 12-16 | .625 | 5513 020-03 | 5680 051-02 (7IP) |
| 11 | 3/8 | 20-25 | .750-1.000 | 5513 020-09 | 5680 049-01 (15IP) |

A9
A402
G6
A2
 A304
J2



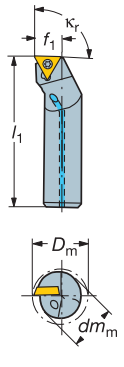
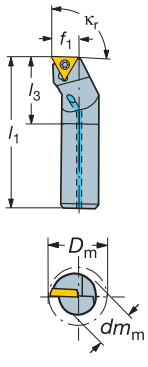
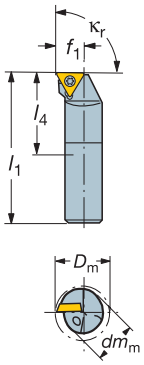
SANDVIK Coromant

# Barras de mandrinar

**Diseño de sujeción por tornillo CoroTurn® 111**

**Cilíndrico**

**Con ranura para manguito EasyFix**

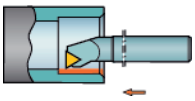
| | **Mango de acero** | **Mango de metal duro** | **Mango antivibratorio de metal duro** |
|---|---|---|---|
| | **A...-STFPR/L-R** | **E...-STFPR/L** | **F...-STFPR/L** |
| Ángulo de posición: | $\kappa_r$ 91° | $\kappa_r$ 91° | $\kappa_r$ 91° |
| Ángulo de ataque: | -1° | -1° | -1° |
| |  |  |  |
| |  |  |  |
| **Voladizo máx.** | **4 x $dm_m$** Con suministro interno de refrigerante | **6 x $dm_m$** Con suministro interno de refrigerante | **10 x $dm_m$** |

TPMT

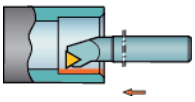
Silent Tools®

A derechas en la ilustración

## Versión métrica

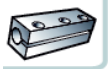
| Aplicación principal | △ | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $l_1$ | $l_3$ | $l_4$ | $\gamma^{1)}$ | $\lambda_s^{2)}$ | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 06 | A06F-STFPR/L 06-R | 6 | 8.5 | 4.5 | 80 | | | 0° | -9° | TPMT 06 T1 02 | 0.6 |
| | | A08H-STFPR/L 06-R | 8 | 10 | 5 | 100 | | | 0° | -8° | TPMT 06 T1 02 | 0.6 |
| | | E06H-STFPR/L 06-R | 6 | 8.5 | 4.5 | 100 | 13 | | 0° | -9° | TPMT 06 T1 02 | 0.6 |
| | | E08K-STFPR/L 06-R | 8 | 10 | 5 | 125 | 17 | | 0° | -8° | TPMT 06 T1 02 | 0.6 |
| | 09 | A10K-STFPR/L 09-R | 10 | 13 | 7 | 125 | | | 0° | -3° | TPMT 09 02 04 | 0.9 |
| | | A12M-STFPR/L 09-R | 12 | 16 | 9 | 150 | | | 0° | -2° | TPMT 09 02 04 | 0.9 |
| | | E10M-STFPR/L 09-R | 10 | 13 | 7 | 150 | 21 | | 0° | -3° | TPMT 09 02 04 | 0.9 |
| | | E12Q-STFPR/L 09-R | 12 | 16 | 9 | 180 | 25 | | 0° | -2° | TPMT 09 02 04 | 0.9 |
| | | F10M-STFPR/L 09-R | 10 | 13 | 7 | 150 | | 60 | 0° | -4° | TPMT 09 02 04 | 0.9 |
| | | F12Q-STFPR/L 09-R | 12 | 16 | 9 | 180 | | 72 | 0° | -3° | TPMT 09 02 04 | 0.9 |
| | 11 | A12M-STFPR/L 11-R | 12 | 16 | 9 | 150 | | | 0° | -2° | TPMT 11 03 04 | 0.9 |
| | | A16R-STFPR/L 11-R | 16 | 20 | 11 | 200 | | | 0° | 0° | TPMT 11 03 04 | 0.9 |
| | | E12Q-STFPR/L 11-R | 12 | 16 | 9 | 180 | 25 | | 0° | -2° | TPMT 11 03 04 | 0.9 |
| | | E16R-STFPR/L 11-R | 16 | 20 | 11 | 200 | 33 | | 0° | 0° | TPMT 11 03 04 | 0.9 |
| | 16 | A20S-STFPR/L 16-R | 20 | 25 | 13 | 250 | | | 0° | -1° | TPMT 16 T3 08 | 3.0 |

## Versión en pulgadas

| Aplicación principal | *iC* | Código de pedido | Dimensiones, pulgadas $dm_m$ | $D_m$ mín. | $f_1$ | $l_1$ | $l_4$ | $\gamma^{1)}$ | $\lambda_s^{2)}$ | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 5/32 | A04F-STFPR/L 1.2-R | .250 | .323 | .156 | 3.250 | | 0° | -10° | TPMT 1.2(1.2)0 | 0.4 |
| | | A05H-STFPR/L 1.2-R | .312 | .413 | .219 | 4.000 | | 2° | -8° | TPMT 1.2(1.2)0 | 0.4 |
| | | E04H-STFPR/L 1.2-R | .250 | .335 | .156 | 4.000 | | 0° | -9° | TPMT 1.2(1.2)0 | 0.4 |
| | | E05K-STFPR/L 1.2-R | .312 | .413 | .219 | 5.000 | | 2° | -8° | TPMT 1.2(1.2)0 | 0.4 |
| | 7/32 | A06M-STFPR/L 1.8-R | .375 | .480 | .250 | 6.000 | | 4° | -3.83° | TPMT 1.8(1.5)1 | 0.7 |
| | | A08M-STFPR/L 1.8-R | .500 | .598 | .312 | 6.000 | | 6° | -2° | TPMT 1.8(1.5)1 | 0.7 |
| | | E06M-STFPR/L 1.8-R | .375 | .480 | .250 | 6.000 | | 4° | -3° | TPMT 1.8(1.5)1 | 0.7 |
| | | E08Q-STFPR/L 1.8-R | .500 | .598 | .312 | 7.250 | | 6° | -2° | TPMT 1.8(1.5)1 | 0.7 |
| | | F06M-STFPR 1.8-R | .375 | .512 | .272 | 6.000 | 2.756 | 0° | -4° | TPMT 1.8(1.5)1 | 0.7 |
| | | F08Q-STFPR 1.8-R | .500 | .630 | .350 | 7.250 | 3.307 | 0° | -3° | TPMT 1.8(1.5)1 | 0.7 |
| | 1/4 | A08M-STFPR/L 2-R | .500 | .598 | .312 | 6.000 | | 6° | -3° | TPMT 221 | 0.7 |
| | | A10R-STFPR/L 2-R | .625 | .772 | .406 | 8.000 | | 6° | 0° | TPMT 221 | 0.7 |
| | | E08R-STFPR/L 2-R | .500 | .598 | .312 | 8.000 | | 6° | -2° | TPMT 221 | 0.7 |
| | | E10R-STFPR/L 2-R | .625 | .772 | .406 | 8.000 | | 6° | 0° | TPMT 221 | 0.7 |
| | 3/8 | A12S-STFPR/L 3-R | .750 | .929 | .500 | 10.000 | | 6° | -2° | TPMT 3(2.5)2 | 2.2 |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, pies-libras.

R = A Derecha, L = A Izquierda

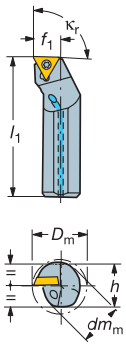
Para el conector del refrigerante, véase la A9 A402 G6 A2 A304  Piezas de repuesto principales (ver siguiente página) J2

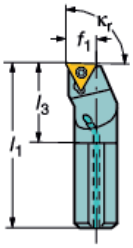
# Barras de mandrinar

**Diseño de sujeción por tornillo CoroTurn® 111**

| **Cilíndrico con planos** | **Mango de acero** | **Mango de metal duro** |
|---|---|---|
| | **A...-STFPR/L** | **E...-STFPR/L** |
| Ángulo de posición: | $\kappa_r$ 91° | $\kappa_r$ 91° |
| Ángulo de ataque: | -1° | -1° |

TPMT

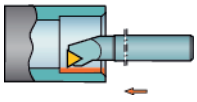


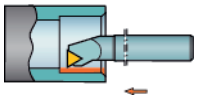

| | | |
|---|---|---|
| **Voladizo máx.** | **4 x $dm_m$** | **6 x $dm_m$** |

**Con suministro interno de refrigerante**
A derechas en la ilustración

## Versión métrica

| Aplicación principal | △ | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 06 | **A06H-STFPR/L 06** | 6 | 8.5 | 4.5 | 5 | 100 | 0° | -9° | TPMT 06 T1 02 | 0.6 |
| | | **A08K-STFPR/L 06** | 8 | 10 | 5 | 7 | 125 | 0° | -8° | TPMT 06 T1 02 | 0.6 |
| | 09 | **A10K-STFPR/L 09** | 10 | 13 | 7 | 9 | 125 | 0° | -3° | TPMT 09 02 04 | 0.9 |
| | | **A12M-STFPR/L 09** | 12 | 16 | 9 | 11 | 150 | 0° | -2° | TPMT 09 02 04 | 0.9 |
| | 11 | **A12M-STFPR/L 11** | 12 | 16 | 9 | 11 | 150 | 0° | -2° | TPMT 11 03 04 | 0.9 |
| | | **A16R-STFPR/L 11** | 16 | 20 | 11 | 15 | 200 | 0° | 0° | TPMT 11 03 04 | 0.9 |
| | 16 | **A20S-STFPR/L 16** | 20 | 25 | 13 | 18 | 250 | 0° | -1° | TPMT 16 T3 08 | 3.0 |
| | | **A25T-STFPR/L 16** | 25 | 32 | 17 | 23 | 300 | 0° | 1° | TPMT 16 T3 08 | 3.0 |

## Versión en pulgadas

| Aplicación principal | *iC* | Código de pedido | Dimensiones, pulgadas $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $l_3$ | $\gamma$[1] | $\lambda s$[2] | Plaquitas calibradoras | p-lbs[4] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 5/32 | **A04F-STFPR/L 1.2** | .250 | .323 | .156 | .210 | 3.250 | | 0° | -9° | TPMT 1.2(1.2)0 | 0.4 |
| | | **A05H-STFPR/L 1.2** | .312 | .402 | .219 | .272 | 4.000 | | 2° | -8° | TPMT 1.2(1.2)0 | 0.4 |
| | 7/32 | **A06M-STFPR/L 1.8** | .375 | .480 | .250 | .336 | 6.000 | | 4° | -3° | TPMT 1.8(1.5)1 | 0.7 |
| | | **A08M-STFPR/L 1.8** | .500 | .598 | .312 | .460 | 6.000 | | 6° | -2° | TPMT 1.8(1.5)1 | 0.7 |
| | 7/32 | **E06M-STFPR/L 1.8** | .375 | .480 | .250 | .359 | 6.000 | .886 | 4° | -3° | TPMT 1.8(1.5)1 | 0.7 |
| | 1/4 | **A08M-STFPR/L 2** | .500 | .598 | .312 | .460 | 6.000 | | 6° | -2° | TPMT 221 | 0.7 |
| | | **A10R-STFPR/L 2** | .625 | .772 | .406 | .562 | 8.000 | | 6° | 0° | TPMT 221 | 0.7 |
| | 1/4 | **E08R-STFPR/L 2** | .500 | .598 | .312 | .484 | 8.000 | .955 | 6° | -2° | TPMT 221 | 0.7 |
| | 3/8 | **A12S-STFPR/L 3** | .750 | .929 | .500 | .709 | 10.000 | | 6° | -1° | TPMT 3(2.5)2 | 2.2 |
| | | **A16T-STFPR/L 3** | 1.000 | 1.201 | .640 | .906 | 12.000 | | 6° | 1° | TPMT 3(2.5)2 | 2.2 |

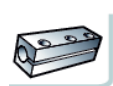
1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

Para el conector del refrigerante, véase la página A308

## Piezas de repuesto principales

| Tamaño de plaquita △ | *iC* | Diám. de barra, $dm_m$ mm | pulgadas | Tornillo de plaquita | Llave (Torx Plus) |
|---|---|---|---|---|---|
| 06 | 5/32 | 6 | .250 | 5513 020-44 | 5680 051-01 (6IP) |
| 06 | 5/32 | 8 | .312 | 5513 020-28 | 5680 051-01 (6IP) |
| 09 | 7/32 | 10-12 | .375-.500 | 5513 020-47 | 5680 051-02 (7IP) |
| 11 | 1/4 | 12 | .500 | 5513 020-48 | 5680 051-02 (7IP) |
| 11 | 1/4 | 16 | .625 | 5513 020-03 | 5680 051-02 (7IP) |
| 16 | 3/8 | 20 | .750 | 5513 020-09 | 5680 049-01 (15IP) |
| 16 | 3/8 | 25 | 1.000 | 5513 020-10 | 5680 049-01 (15IP) |

A9
A267
A402
G6
A2
 A304
J2



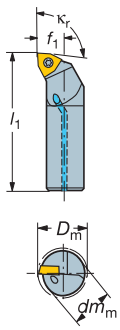
SANDVIK Coromant

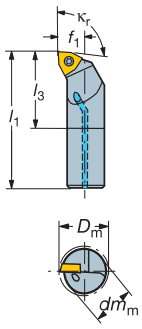
# Barras de mandrinar

**Diseño de sujeción por tornillo CoroTurn® 111**

| | | |
|---|---|---|
| **Cilíndrico** | **Mango de acero** | **Con refuerzo de metal duro** |
| **Con ranura para manguito EasyFix** | **A...-SWLPR/L** | **E...-SWLPR/L** |
| Ángulo de posición: | $\kappa_r$ 95° | $\kappa_r$ 95° |
| Ángulo de ataque: | -5° | -5° |

WPMT



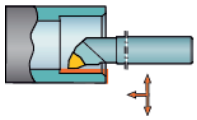

**Voladizo máx.** **4 x $dm_m$** **6 x $dm_m$**

**Con suministro interno de refrigerante**

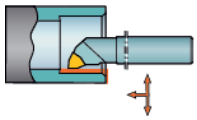
A derechas en la ilustración

**Cilíndrico**

## Versión métrica

| Aplicación principal | △ | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $l_1$ | $l_3$ | $\gamma$ 1) | $\lambda_s$ 2) | Plaquitas calibradoras | Nm 3) |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 02 | A05F-SWLPR/L 02-R | 5 | 6.5 | 4 | 80 | | 0° | -13° | WPMT 02 01 02 | 0.6 |
| | | A06F-SWLPR/L 02-R | 6 | 8.5 | 4.5 | 80 | | 0° | -11° | WPMT 02 01 02 | 0.6 |
| | | A08H-SWLPR/L 02-R | 8 | 10 | 5 | 100 | | 0° | -10° | WPMT 02 01 02 | 0.6 |
| | 02 | E05H-SWLPR/L 02-R | 5 | 7 | 4 | 100 | 11 | 0° | -13° | WPMT 02 01 02 | 0.6 |
| | | E06H-SWLPR/L 02-R | 6 | 8.5 | 4.5 | 100 | 13 | 0° | -11° | WPMT 02 01 02 | 0.6 |
| | | E08K-SWLPR/L 02-R | 8 | 10 | 5 | 125 | 17 | 0° | -10° | WPMT 02 01 02 | 0.6 |
| | 04 | A10K-SWLPR/L 04-R | 10 | 12 | 6 | 125 | | 0° | -7° | WPMT 04 02 04 | 0.9 |
| | | A12M-SWLPR/L 04-R | 12 | 16 | 9 | 150 | | 0° | -3° | WPMT 04 02 04 | 0.9 |
| | 04 | E10M-SWLPR/L 04-R | 10 | 12 | 6 | 150 | 21 | 0° | -7° | WPMT 04 02 04 | 0.9 |
| | | E12Q-SWLPR/L 04-R | 12 | 16 | 9 | 180 | 25 | 0° | -3° | WPMT 04 02 04 | 0.9 |

## Versión en pulgadas

| Aplicación principal | iC | Código de pedido | Dimensiones, pulgadas $dm_m$ | $D_m$ mín. | $f_1$ | $l_1$ | $l_3$ | $\gamma$ 1) | $\lambda_s$ 2) | Plaquitas calibradoras | p-lbs 4) |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 5/32 | A03F-SWLPR/L 1.2-R | .188 | .260 | .126 | 3.250 | .260 | 0° | -13° | WPMT 1.2(1)0 | 0.4 |
| | | A04F-SWLPR/L 1.2-R | .250 | .323 | .156 | 3.250 | | 0° | -11° | WPMT 1.2(1)0 | 0.4 |
| | | A05H-SWLPR/L 1.2-R | .312 | .413 | .219 | 4.000 | | 2° | -10° | WPMT 1.2(1)0 | 0.4 |
| | 5/32 | E03H-SWLPR/L 1.2-R | .188 | .260 | .126 | 3.250 | .430 | 0° | -13° | WPMT 1.2(1)0 | 0.4 |
| | | E04H-SWLPR/L 1.2-R | .250 | .323 | .156 | 4.000 | .580 | 0° | -11° | WPMT 1.2(1)0 | 0.4 |
| | | E05K-SWLPR/L 1.2-R | .312 | .413 | .219 | 5.000 | .760 | 2° | -10° | WPMT 1.2(1)0 | 0.4 |
| | 1/4 | A06M-SWLPR/L 2-R | .375 | .480 | .250 | 6.000 | | 4° | -6° | WPMT 2(1.5)1 | 0.7 |
| | | A08M-SWLPR/L 2-R | .500 | .598 | .312 | 6.000 | | 6° | -4° | WPMT 2(1.5)1 | 0.7 |
| | 1/4 | E06M-SWLPR/L 2-R | .375 | .480 | .250 | 6.000 | .880 | 4° | -6° | WPMT 2(1.5)1 | 0.7 |
| | | E08R-SWLPR/L 2-R | .500 | .598 | .312 | 8.000 | .950 | 6° | -4° | WPMT 2(1.5)1 | 0.7 |

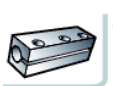
1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

Para el conector del refrigerante, véase la página A308

## Piezas de repuesto principales

| Tamaño de plaquita △ | iC | Diám. de barra, $dm_m$ mm | pulgadas | Tornillo de plaquita | Llave (Torx Plus) |
|---|---|---|---|---|---|
| 06 | 5/32 | 5 | .187 | 5513 020-53 | 5680 051-01 (6IP) |
| 06 | 5/32 | 6-8 | .250-.312 | 5513 020-44 | 5680 051-01 (6IP) |
| 11 | 1/4 | 10 | .375 | 5513 020-21 | 5680 051-02 (7IP) |
| 11 | 1/4 | 12 | .500 | 5513 020-46 | 5680 051-02 (7IP) |

A9
A402
G6
A2
 A304
J2

# Barras de mandrinar

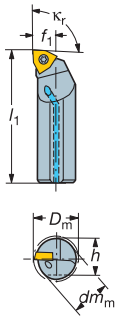
**Diseño de sujeción por tornillo CoroTurn® 111**

**Cilíndrico con planos** **Mango de acero**

**A...SWLPR/L**

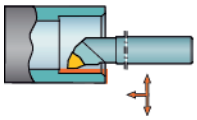
Ángulo de posición: $\kappa_r$ 95°
Ángulo de ataque: -5°

WPMT

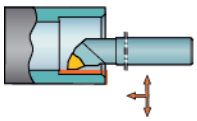



**Voladizo máx.** **4 x $dm_m$**
**Con suministro interno de refrigerante**
A derechas en la ilustración

## Versión métrica

| Aplicación principal | | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $\gamma$1) | $\lambda s$2) | Plaquitas calibradoras | Nm3) |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 02 | **A06F-SWLPR/L 02** | 6 | 8.5 | 4.5 | 5 | 80 | 0° | -11° | WPMT 02 01 02 | 0.6 |
| | | **A08H-SWLPR/L 02** | 8 | 10 | 5 | 7 | 100 | 0° | -10° | WPMT 02 01 02 | 0.6 |
| | 04 | **A10K-SWLPR/L 04** | 10 | 12 | 6 | 9 | 125 | 0° | -7° | WPMT 04 02 04 | 0.9 |
| | | **A12M-SWLPR/L 04** | 12 | 16 | 9 | 11 | 150 | 0° | -3° | WPMT 04 02 04 | 0.9 |
| | | | | | | | | | | | |

## Versión en pulgadas

| Aplicación principal | $iC$ | Código de pedido | Dimensiones, pulgadas $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $\gamma$1) | $\lambda s$2) | Plaquitas calibradoras | p-lbs4) |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 5/32 | **A04F-SWLPR/L 1.2** | .250 | .323 | .156 | .210 | 3.250 | 0° | -11° | WPMT 1.2(1)0 | 0.4 |
| | | **A05H-SWLPR/L 1.2** | .312 | .413 | .219 | .272 | 4.000 | 2° | -10° | WPMT 1.2(1)0 | 0.4 |
| | 1/4 | **A06M-SWLPR/L 2** | .375 | .480 | .250 | .336 | 6.000 | 4° | -6.447° | WPMT 2(1.5)1 | 0.7 |
| | | **A08M-SWLPR/L 2** | .500 | .598 | .312 | .460 | 6.000 | 6° | -4° | WPMT 2(1.5)1 | 0.7 |
| | | | | | | | | | | | |

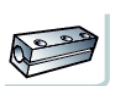
1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) Par de apriete de la plaquita, ft-lbs.

R = A Derecha, L = A Izquierda

Para el conector del refrigerante, véase la página A308

## Piezas de repuesto principales

| Tamaño de plaquita | | Diám. de barra, $dm_m$ | | | |
|---|---|---|---|---|---|
| | $iC$ | mm | pulgadas | Tornillo de plaquita | Llave (Torx Plus) |
| 02 | 5/32 | 6-8 | .250-.312 | 5513 020-44 | 5680 051-01 (6IP) |
| 04 | 1/4 | 10 | .375 | 5513 020-21 | 5680 051-02 (7IP) |
| 04 | 1/4 | 12 | .500 | 5513 020-46 | 5680 051-02 (7IP) |

A9
A402
G6
A2
 A304
J2



SANDVIK Coromant

# Barras para mandrinar con mango de acero

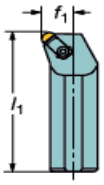
**Diseño de sujeción superior T-Max®**

**Cilíndrico con planos**

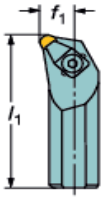
**Mango de acero**
**S...-CRSNR/L**

**Mango de acero**
**S...-CRSPR/L**

RNGA
RNG

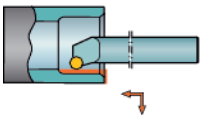


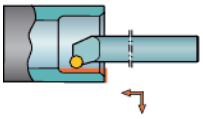
RPG




**Voladizo máx. 4 x $dm_m$**
A derechas en la ilustración

## Versión métrica

| Aplicación principal | | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras |
|---|---|---|---|---|---|---|---|---|---|---|
|  | 09 | S25T-CRSPR/L 09-ID | 25 | 32 | 17 | 23 | 300 | 0° | -2° | RPGN 09 03 00 |
| | 12 | S40T-CRSNR/L 12-ID | 40 | 70 | 27 | 37 | 300 | -6° | -12° | RNGN 12 07 00 |

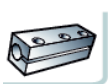
| Aplicación principal | | Código de pedido | Dimensiones, mm $dm_m$ | $D_m$ mín. | $f_1$ | $h$ | $l_1$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Plaquitas calibradoras |
|---|---|---|---|---|---|---|---|---|---|---|
|  | 09 | S25T-CRSPR/L 09-ID | 25 | 32 | 17 | 23 | 300 | 0° | -2° | RPGN 09 03 00 |
| | 12 | S40T-CRSNR/L 12-ID | 40 | 70 | 27 | 37 | 300 | -6° | -12° | RNGN 12 07 00 |

1) $\gamma$ = Ángulo de desprendimiento.
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita | Brida | Llave (mm) | Placa de apoyo (para espesor de plaquita) | Tornillo de la placa de apoyo | Llave (Torx Plus) |
|---|---|---|---|---|---|
| 09 | 5412 126-03 | 3021 010-040 (4.0) | - | - | - |
| 12 | 5412 125-01 | 3021 010-040 (4.0) | 5322 141-01 (7.97) | 5513 013-02 | 5680 043-14(20IP) |

A9
A404
G6
A2
 A304
J2

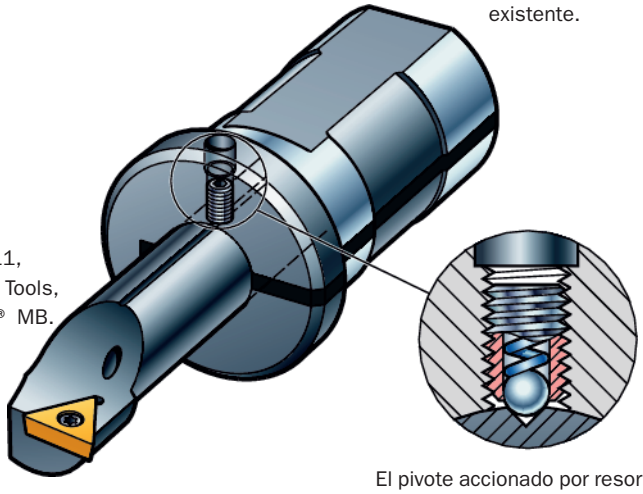
# EasyFix

## Manguitos para barras cilíndricas

**Para el montaje correcto de barras cilíndricas**

EasyFix™ le permite de una manera rápida y sencilla ajustar correctamente la altura cuando se montan barras cilíndricas en la máquina, gracias a su diseño con pivote accionada por resorte.

La ranura en el manguito cilíndrico está sellada con silicona, lo que permite utilizar el sistema de suministro de refrigerante existente.



Los manguitos EasyFix admiten muchos productos; CoroTurn® 107, CoroTurn® 111, barras de mandrinar antivibratorias Silent Tools, barras de mandrinar CoroCut® y CoroCut® MB.

El pivote accionado por resorte del manguito encaja con un clic en una ranura de la barra, garantizando una altura central correcta y un manejo rápido y sencillo cuando se monta la barra cilíndrica en la máquina.

## Sujeción correcta con Easy Fix™

**Torno convencional**

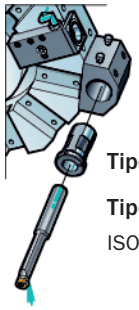
**Tipo 131**

**Coromant Capto®**

**Tipo 132L**
ISO 9766

**Tipo 132W**
Whistle Notch

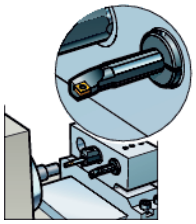
**Torno tipo torreta**



**Tipo 132P**

**Tipo 132L**
ISO 9766

**Máquina con cabezal móvil**



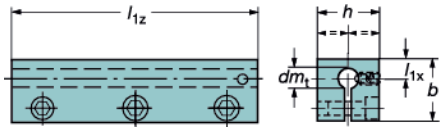
**Tipo 132N**

**(Sin EasyFix)**

# Manguitos EasyFix para barras cilíndricas

## Manguitos cuadrados

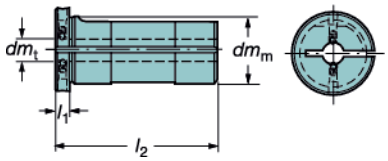
131-




| Para diámetro de barra $dm_t$ | Código de pedido | Calidades Coromant $l_{1z}$ | $h$ | $b$ | $l_{1x}$ | Piezas de repuesto Tornillo | Llave |
|---|---|---|---|---|---|---|---|
| **mm** | | **mm** | | | | | |
| 5 | 131 -2005-B | 80 | 20 | 20 | 5.5 | 3212 010-258 | 174.1-864 |
| 6 | 131 -2006-B | 80 | 20 | 20 | 6 | 3212 010-258 | 174.1-864 |
| 8 | 131 -2008-B | 80 | 20 | 20 | 7 | 3212 010-258 | 174.1-864 |
| 10 | 131 -2010-B | 80 | 20 | 20 | 7.5 | 3212 010-258 | 174.1-864 |
| 12 | 131 -2512-B | 80 | 25 | 25 | 9 | 3212 010-259 | 174.1-864 |
| 16 | 131 -2516-B | 80 | 25 | 25 | 10 | 3212 010-259 | 174.1-864 |
| 20 | 131 -3220-B | 100 | 32 | 40 | 12 | 3212 010-310 | 3021 010-040 |
| 25 | 131 -3225-B | 100 | 32 | 40 | 14.5 | 3212 010-310 | 3021 010-040 |
| **Pulgadas** | | **Pulgadas** | | | | | |
| .187 | 131 -A1203-B | 3.15 | .75 | .75 | .216 | 3212 010-258 | 174.1-864 |
| .250 | 131 -A1204-B | 3.15 | .75 | .75 | .236 | 3212 010-258 | 174.1-864 |
| .312 | 131 -A1205-B | 3.15 | .75 | .75 | .276 | 3212 010-258 | 174.1-864 |
| .375 | 131 -A1206-B | 3.15 | .75 | .75 | .295 | 3212 010-258 | 174.1-864 |
| .500 | 131 -A1608-B | 3.15 | 1.00 | 1.00 | .354 | 3212 010-259 | 174.1-864 |
| .625 | 131 -A1610-B | 3.15 | 1.00 | 1.00 | .394 | 3212 010-259 | 174.1-864 |
| .750 | 131 -A2012-B | 3.94 | 1.25 | 1.25 | .453 | 3212 010-310 | 5680 010-05 |

## Manguitos cilíndricos, pulgadas

132P-



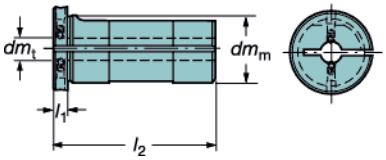

| Para diámetro de barra $dm_t$ | Código de pedido ISO9766 | Dimensiones, pulgadas $l_1$ | $l_2$ | $dm_m$ |
|---|---|---|---|---|
| **Pulgadas** | | **Pulga** | | |
| .187 | 132P -25A03-B | .197 | 2.40 | .984 |
| .250 | 132P -25A04-B | .197 | 2.40 | .984 |
| .312 | 132P -25A05-B | .197 | 2.40 | .984 |
| .375 | 132P -25A06-B | .197 | 2.40 | .984 |
| .500 | 132P -25A08-B | .197 | 2.40 | .984 |
| .625 | 132P -25A10-B | .197 | 2.40 | .984 |
| .312 | 132P -32A05-B | .197 | 2.56 | 1.260 |
| .375 | 132P -32A06-B | .197 | 2.56 | 1.260 |
| .500 | 132P -32A08-B | .197 | 2.56 | 1.260 |
| .625 | 132P -32A10-B | .197 | 2.56 | 1.260 |
| .750 | 132P -32A12-B | .197 | 2.56 | 1.260 |
| .187 | 132P -160333-B | .197 | 3.35 | 1.000 |
| .250 | 132P -160433-B | .197 | 3.35 | 1.000 |
| .312 | 132P -160533-B | .197 | 3.35 | 1.000 |
| .375 | 132P -160633-B | .197 | 3.35 | 1.000 |
| .500 | 132P -160833-B | .197 | 3.35 | 1.000 |
| .625 | 132P -161033-B | .197 | 3.35 | 1.000 |
| .312 | 132P -200533-B | .197 | 3.35 | 1.250 |
| .375 | 132P -200633-B | .197 | 3.35 | 1.250 |
| .500 | 132P -200833-B | .197 | 3.35 | 1.250 |
| .625 | 132P -201033-B | .197 | 3.35 | 1.250 |
| .750 | 132P -201233-B | .197 | 3.35 | 1.250 |
| .375 | 132P -240641-B | .197 | 4.13 | 1.500 |
| .500 | 132P -240841-B | .197 | 4.13 | 1.500 |
| .625 | 132P -241041-B | .197 | 4.13 | 1.500 |
| .750 | 132P -241241-B | .197 | 4.13 | 1.500 |
| 1.000 | 132P -241641-B | .197 | 4.13 | 1.500 |
| .500 | 132P -320849-B | .197 | 4.92 | 2.000 |
| .625 | 132P -321049-B | .197 | 4.92 | 2.000 |
| .750 | 132P -321249-B | .197 | 4.92 | 2.000 |
| 1.000 | 132P -321649-B | .197 | 4.92 | 2.000 |

Ranura para manguito EasyFix disponible en todas las barras de mandrinar cilíndricas de 5-25 mm (.197-1.000 pulgadas) de diámetro

# Manguitos EasyFix para barras cilíndricas

## Manguitos cilíndricos

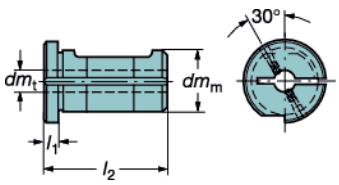
132L-




| Para diámetro de barra mm | Código de pedido | Dimensiones, mm (pulg.) | | | |
|---|---|---|---|---|---|
| $dm_t$ | 132L-ISO 9766 | $l_1$ | $l_2$ | $dm_m$ | |
| 6 | 132L -2506-B | 5 | 61 | 25 | |
| 8 | 132L -2508-B | 5 | 61 | 25 | |
| 10 | 132L -2510-B | 5 | 61 | 25 | |
| 12 | 132L -2512-B | 5 | 61 | 25 | |
| 16 | 132L -2516-B | 5 | 61 | 25 | |
| 20 | 132L -4020-B | 5 | 75 | 40 | |
| 25 | 132L -4025-B | 5 | 75 | 40 | |
| **$dm_t$** | **132L** | **$l_1$** | **$l_2$** | **$dm_m$** | |
| 5 | 132L -1205050-B | 5 | 55 | 19.05 | (3/4) |
| 5 | 132L -2005050-B | 5 | 55 | 20 | |
| 5 | 132L -2205050-B | 5 | 55 | 22 | |
| 5 | 132L -1605050-B | 5 | 55 | 25.4 | (1) |
| 6 | 132L -1206050-B | 5 | 55 | 19.05 | (3/4) |
| 6 | 132L -2006050-B | 5 | 55 | 20 | |
| 6 | 132L -2206050-B | 5 | 55 | 22 | |
| 6 | 132L -1606050-B | 5 | 55 | 25.4 | (1) |
| 8 | 132L -1208050-B | 5 | 55 | 19.05 | (3/4) |
| 8 | 132L -2008050-B | 5 | 55 | 20 | |
| 8 | 132L -2208050-B | 5 | 55 | 22 | |
| 8 | 132L -1608050-B | 5 | 55 | 25.4 | (1) |
| 10 | 132L -1210050-B | 5 | 55 | 19.05 | (3/4) |
| 10 | 132L -2010050-B | 5 | 55 | 20 | |
| 10 | 132L -2210050-B | 5 | 55 | 22 | |
| 10 | 132L -1610050-B | 5 | 55 | 25.4 | (1) |
| 12 | 132L -1212050-B | 5 | 55 | 19.05 | (3/4) |
| 12 | 132L -2012050-B | 5 | 55 | 20 | |
| 12 | 132L -2212050-B | 5 | 55 | 22 | |
| 12 | 132L -1612050-B | 5 | 55 | 25.4 | (1) |
| 16 | 132L -1616050-B | 5 | 55 | 25.4 | (1) |
| 5 | 132L -2505085-B | 5 | 85 | 25 | |
| 5 | 132L -3205085-B | 5 | 85 | 32 | |
| 6 | 132L -3206085-B | 5 | 85 | 32 | |
| 8 | 132L -3208085-B | 5 | 85 | 32 | |
| 10 | 132L -3210085-B | 5 | 85 | 32 | |
| 12 | 132L -3212085-B | 5 | 85 | 32 | |
| 16 | 132L -3216085-B | 5 | 85 | 32 | |
| 20 | 132L -3220085-B | 5 | 85 | 32 | |
| 6 | 132L -4006105-B | 5 | 105 | 40 | |
| 8 | 132L -4008105-B | 5 | 105 | 40 | |
| 10 | 132L -4010105-B | 5 | 105 | 40 | |
| 12 | 132L -4012105-B | 5 | 105 | 40 | |
| 16 | 132L -4016105-B | 5 | 105 | 40 | |
| 20 | 132L -4020105-B | 5 | 105 | 40 | |
| 25 | 132L -4025105-B | 5 | 105 | 40 | |
| 12 | 132L -5012125-B | 5 | 125 | 50 | |
| 16 | 132L -5016125-B | 5 | 125 | 50 | |
| 20 | 132L -5020125-B | 5 | 125 | 50 | |
| 25 | 132L -5022125-B | 5 | 125 | 50 | |

Ranura para manguito EasyFix disponible en todas las barras de mandrinar cilíndricas de 5-25 mm (.197-1.000 pulgadas) de diámetro

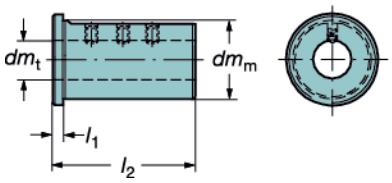
# Manguitos EasyFix para barras cilíndricas

| 132W- (Whistle Notch) | Para diámetro de barra mm $dm_t$ | Código de pedido | Calidades Coromant $l_1$ | $l_2$ | $dm_m$ |
|---|---|---|---|---|---|
| EasyFix  | 5 | 132W-2505-B | 5 | 50 | 25 |
| | 6 | 132W-2506-B | 5 | 50 | 25 |
| | 8 | 132W-2508-B | 5 | 50 | 25 |
| | 10 | 132W-2510-B | 5 | 50 | 25 |
| | 12 | 132W-2512-B | 5 | 50 | 25 |
| | 16 | 132W-2516-B | 5 | 50 | 25 |
| | 20 | 132W-4020-B | 5 | 75 | 40 |
| | 25 | 132W-4025-B | 5 | 75 | 40 |



Ranura para manguito EasyFix disponible en todas las barras de mandrinar cilíndricas de 5-25 mm (.197-1.000 pulgadas) de diámetro

# Manguitos cilíndricos

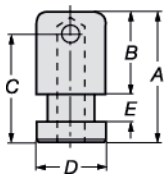
| 132N- | Para diámetro de barra $dm_t$ | Código de pedido | Dimensiones, mm, pulgadas $l_1$ | $l_2$ | $dm_m$ | Piezas de repuesto Tornillo | Llave |
|---|---|---|---|---|---|---|---|
| Para atornillar (no EasyFix)  | mm | | mm | | | | |
| | 6 | 132N-2506 | 5 | 61 | 25 | 3214010-356 | 3021 010-030 |
| | 8 | 132N-2508 | 5 | 61 | 25 | 3214 010-406 | 3021 010-040 |
| | 10 | 132N-2510 | 5 | 61 | 25 | 3214 010-405 | 3021 010-040 |
| | 12 | 132N-2512 | 5 | 61 | 25 | 3214 010-405 | 3021 010-040 |
| | 16 | 132N-2516 | 5 | 61 | 25 | – | – |
| | 20 | 132N-2520 | 5 | 61 | 25 | – | – |
| | 20 | 132N-4020 | 5 | 75 | 40 | 3214 010-457 | 3021 010-050 |
| | 25 | 132N-4025 | 5 | 75 | 40 | 3214 010-456 | 3021 010-050 |
| | 32 | 132N-4032 | 5 | 75 | 40 | – | – |
| | Pulgadas | | Pulg | | | | |
| | .250 | 132N-25A04 | .197 | 2.402 | .984 | 3214 010-356 | 3021 010-030 |
| | .312 | 132N-25A05 | .197 | 2.402 | .984 | 3214 010-406 | 3021 010-040 |
| | .375 | 132N-25A06 | .197 | 2.402 | .984 | 3214 010-405 | 3021 010-040 |
| | .500 | 132N-25A08 | .197 | 2.402 | .984 | 3214 010-405 | 3021 010-040 |
| | .625 | 132N-25A10 | .197 | 2.402 | .984 | – | – |
| | .750 | 132N-25A12 | .197 | 2.402 | .984 | – | – |
| | .750 | 132N-40A12 | .197 | 2.953 | 1.575 | 3214 010-457 | 3021 010-050 |
| | 1.000 | 132N-40A16 | .197 | 2.953 | 1.575 | 3214 010-456 | 3021 010-050 |
| | 1.250 | 132N-40A20 | .197 | 2.953 | 1.575 | – | – |



Las correderas para barras de mandrina, 132N, se pueden utilizar en todas las barras cilíndicas de mandrinar en un rángo de diámetros 5-32 (.197-1.250 pulgadas)

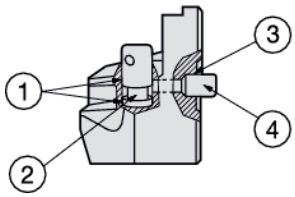
# Boquilla de refrigerante

Para cabezas de corte con suministro de refrigerante interno.



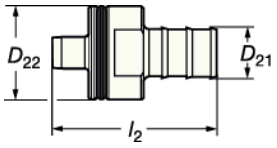

| Cabeza de corte SL Tamaño acoplamiento mm | **Código de pedido** | Dimensiones A mm | A pulgadas | B mm | B pulgadas | C mm | C pulgadas | D mm | D pulgadas | E mm | E pulgadas |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 32-40 | **5691 032-01** | 10.8 | .425 | 5.3 | .209 | 7.8 | .307 | 8 | .315 | 4 | .157 |
| | **5691 032-02** | 12.9 | .525 | 7.4 | .291 | 9.9 | .390 | 8 | .315 | 4 | .157 |
| | **5691 032-03** | 15 | .591 | 9.5 | .374 | 12 | .472 | 8 | .315 | 4 | .157 |
| 50-60 | **5691 032-04** | 16 | .630 | 7.5 | .295 | 12 | .472 | 12 | .472 | 5 | .197 |
| | **5691 032-05** | 19.5 | .768 | 11 | .433 | 15.5 | .619 | 12 | .472 | 5 | .197 |
| | **5691 032-06** | 23 | .906 | 14.5 | .571 | 19 | .748 | 12 | .472 | 5 | .197 |

Instrucciones de montaje de las boquillas de refrigerante




1. Pegar con loctite 648.
2. Boquilla de refrigerante
3. Pegar con loctite 648.
4. Pivote de posicionado

# Conectores de refrigerante

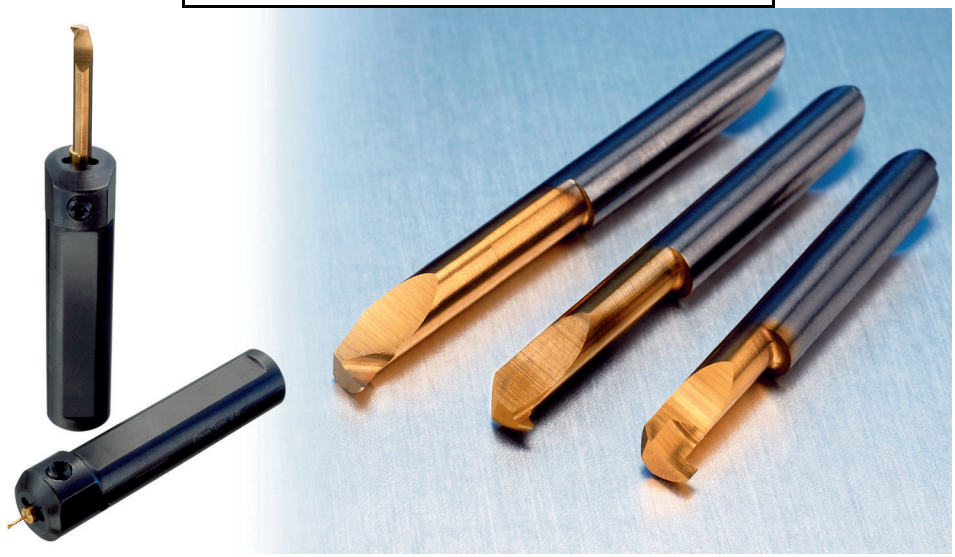



| Para diámetro de barra $dm_m$ | **Código de pedido** | Dimensiones, mm, pulgadas $D_{21}$ | $D_{22}$ | $l_2$ |
|---|---|---|---|---|
| mm | **Métrica** | | | |
| 6 | **CS-060-054** | 5.4 | 6.0 | 25.0 |
| 8 | **CS-080-066** | 6.6 | 8.0 | 28.5 |
| 10 | **CS-100-086** | 8.6 | 10.0 | 28.5 |
| 12 | **CS-120-086** | 8.6 | 12.0 | 38.0 |
| 16 | **CS-160-137** | 13.7 | 16.0 | 40.0 |
| 20 | **CS-200-137** | 13.7 | 20.0 | 40.0 |
| 25 | **CS-250-137** | 13.7 | 25.0 | 44.0 |
| Pulgadas | **Pulgadas** | | | |
| .250 | **CS-063-054** | .213 | .250 | .984 |
| .312 | **CS-079-066** | .260 | .312 | 1.122 |
| .375 | **CS-095-086** | .339 | .375 | 1.122 |
| .500 | **CS-127-086** | .339 | .500 | 1.496 |
| .625 | **CS-159-137** | .539 | .625 | 1.575 |
| .750 | **CS-190-137** | .539 | .750 | 1.575 |
| 1.000 | **CS-254-137** | .539 | 1.000 | 1.732 |

# CoroTurn® XS

## Para mecanizado interior de piezas pequeñas

**Para torneado interior, ranurado y roscado de agujeros pequeños, hasta 0.3 mm (.012 pulgadas)**



### Herramientas CoroTurn® XS

El sistema se basa en las plaquitas de las calidades GC1025 y H10F, de probado rendimiento.

- Torneado
- Copiado
- Ranurado
- Ranurado frontal
- Perfilado de radio completo
- Pretronzado
- Roscado

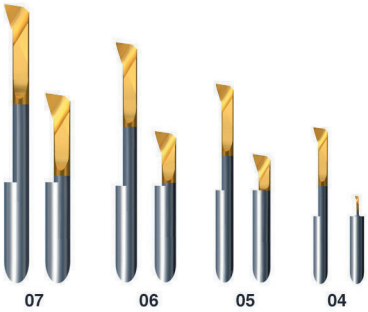
Barras de mandrinar con distintos diámetros exteriores adaptados para diferentes tipos de máquina. La gama también consiste en portaherramientas con mango para mecanizado interior, máquinas de cabezal móvil y unidades de corte Coromant Capto® para aplicaciones de torneado y rotativas.

### CoroTurn® XS ranurado

Todas las plaquitas para ranurar CoroTurn XS producen ranuras con fondos planos y radios de vértice agudizados.

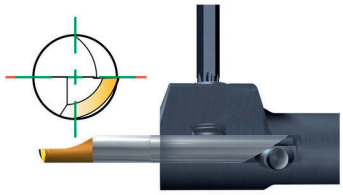
### Gama CoroTurn® XS

El programa consta de cuatro tamaños de plaquita distintos




### Precisión CoroTurn® XS

Las plaquitas se montan con gran precisión en barras para mandrinar gracias a un pivote de posicionado que las bloquea en la orientación correcta



### CoroTurn® XS suministro de refrigerante

Las barras para mandrinar han sido diseñadas con suministro interno de refrigerante

# Clave de códigos para CoroTurn® XS

**Plaquita para cilindrar**

| CXS | 04 | T | 098 | – | 10 | – | 22 | 06 | R |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | | 5 | | 9 | 10 | 12 |

**Plaquita para ranurar**

| CXS | 06 | F | 100 | – | 62 | 15 | A | R |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 6 | | 9 | 10 | 11 | 12 |

**Plaquita para roscar**

| CXS | 04 | TH | 050 | VM | – | 42 | 15 | R |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 7 | 8 | | 9 | 10 | 12 |

**1** Código principal

CXS = CoroTurn® XS

**2** Tamaño de plaquita mm

04 = 4 mm (.157 inch)
05 = 5 mm (.197 inch)
06 = 6 mm (.236 inch)
07 = 7 mm (.276 inch)

**3** Tipo de operación

T = Torneado
TE = Torno copiado, extendido Tamaño $f_1$
F = Ranurado frontal
G = Ranurado
GX = Pre-tronzado
R = Radio completo de perfilado
TH = Roscado
B = Mandrinado a tracción

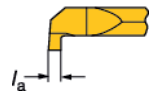
**4** Ángulo de posición
Cilindrado

Ejemplo: Ángulo de posición 98°
098 = 98° Ángulo de ataque -8°

**5** Radio de punta, $r_\varepsilon$ mm
Cilindrado

Ejemplo:
10 = 0.1 mm (.004 inch)
15 = 0.15 mm (.006 inch)
20 = 0.2 mm (.008 inch)

**6** Ancho de plaquita, $l_a$ mm
(Ranurado)




Ejemplo: 100 = 1.00 mm

**7** Paso, mm
(Roscado)

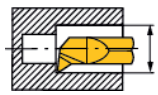
mm: paso x 100

pulgadas: N.º de roscas por pulgada x 10

**8** Perfil de rosca
(Roscado)

VM = Perfil en V 60°
WH = Whitworth 55°
NT = NPT 60°
UN = UN 60°
MM = MM 60°
TR = Trapezoidal 30°

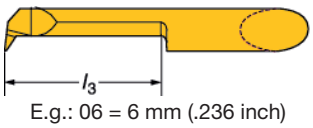
**9** Diámetro mín. de agujero, $D_m$ mín.



agujero mín.

E.g.: 22 = 2.2 mm (.087 inch)

**10** Profundidad de penetración, $l_3$




E.g.: 06 = 6 mm (.236 inch)

**11** Tipo de curva
(Ranurado frontal)

A = diseño convexo

**12** Sentido de la plaquita

R = A derecha
L = A izquierda

# Clave de códigos para CoroTurn® XS

**Barras de mandrinar**

| CXS | A | 10 | – | 04 |
|---|---|---|---|---|
| 1 | 2 | 3 | | 4 |

**Barras para mandrinar de doble filo**

| CXS | A | 10 | – | 04 | – | 04 |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | | 4 | | 5 |

**Mango**

| CXS | – | 1010 | – | 04 | L |
|---|---|---|---|---|---|
| 1 | | 6 | | 4 | 7 |

**Mango Coromant Capto®**

| C4 | – | CXS | – | 47 | – | 04 |
|---|---|---|---|---|---|---|
| 8 | | 1 | | 9 | | 4 |

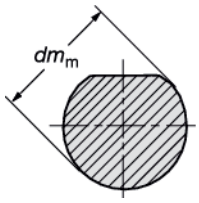
**1** Código principal

CXS = CoroTurn® XS

**2** Tipo de barra

A = Barra de acero con suministro de refrigerante interno

**3** Diámetro de la barra, $dm_m$




**Métrica**
10 = 10 mm
**Pulgadas**
0500 = 1/2"

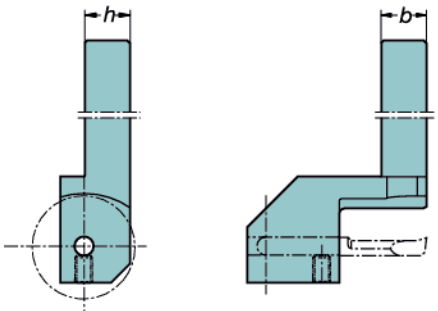
**4** Tamaño de plaquita

04 = 4 mm (.157 inch)
05 = 5 mm (.197 inch)
06 = 6 mm (.236 inch)
07 = 7 mm (.276 inch)

**5** Tamaño de plaquita para husillo secundario

Para barras de mandrinar de doble filo, igual que 4.

**6** Tamaño del mango (anchura y altura), mm




h = 10 mm (.394 inch)
b = 10 mm (.394 inch)

**7** Sentido de la herramienta

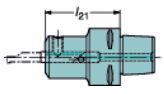
L = A izquierda
R = A derecha

**8** Tamaño Coromant Capto®

C4: $D_{5m}$ = 40 mm (1.574 inch)

**9** Coromant Capto® longitud

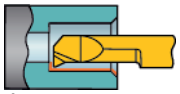
$l_{21}$ = 47 mm (1.850 inch)



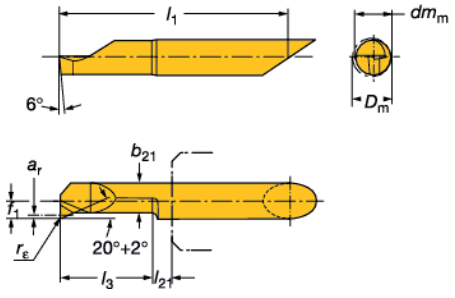
# Plaquitas CoroTurn® XS

## Torneado

### CXS-..T090



Ángulo de posición:
90°
**Ángulo de ataque:**
0°
**Tolerancias, mm (pulgadas):**
$r_\varepsilon$= ±0.02 (±.0008)
$l_1$= ±0.02 (±.0008)
Altura del centro:
+0.05/-0 (+.002/-0)




Para áreas de aplicación ISO, ver final de la tabla.

A derechas en la ilustración

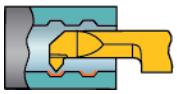
| | Tamaño de plaquita[1] | | Criterios de selección, milímetros, pulgadas (mm, pulg.) | | | | | | Dimensiones, milímetros, pulgadas (mm, pulg.) | | | | | | | | | | P | M | N | S |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | GC | GC | GC | GC |
| | $dm_m$ | Código de pedido | $a_r$ máx. mm | $a_r$ máx. pulg. | $D_m$ mín. mm | $D_m$ mín. pulg. | $l_3$ mm | $l_3$ pulg. | $r_\varepsilon$ mm | $r_\varepsilon$ pulg. | $b_{21}$ mm | $b_{21}$ in. | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | $l_{21}$ mm | $l_{21}$ in. | 1025 | 1025 | 1025 | 1025 |
| | 04 | CXS-04T090-15-3212R | 0.2 | .008 | 3.2 | .126 | 12 | .472 | 0.15 | .006 | 2.55 | .100 | 1.45 | .057 | 29.26 | 1.152 | 3 | .118 | ★ | ★ | ★ | ★ |
| | | CXS-04T090-15-4215R/L | 0.3 | .012 | 4.2 | .165 | 15 | .591 | 0.15 | .006 | 3.45 | .136 | 1.95 | .077 | 39.26 | 1.546 | 3 | .118 | ★ | ★ | ★ | ★ |
| | 05 | CXS-05T090-20-5210R/L | 0.5 | .020 | 5.2 | .205 | 10 | .394 | 0.2 | .008 | 4.2 | .165 | 2.45 | .096 | 32.25 | 1.270 | 3 | .118 | ★ | ★ | ★ | ★ |
| | | CXS-05T090-20-5215R/L | 0.5 | .020 | 5.2 | .205 | 15 | .591 | 0.2 | .008 | 4.2 | .165 | 2.45 | .096 | 37.25 | 1.466 | 3 | .118 | ★ | ★ | ★ | ★ |
| | | CXS-05T090-20-5220R/L | 0.5 | .020 | 5.2 | .205 | 20 | .787 | 0.2 | .008 | 4.2 | .165 | 2.45 | .096 | 42.25 | 1.663 | 3 | .118 | ★ | ★ | ★ | ★ |
| | | | | | | | | | | | | | | | | | | | P25 | M15 | N25 | S15 |

[1] Para corresponderse con el tamaño de plaquita en el porta.

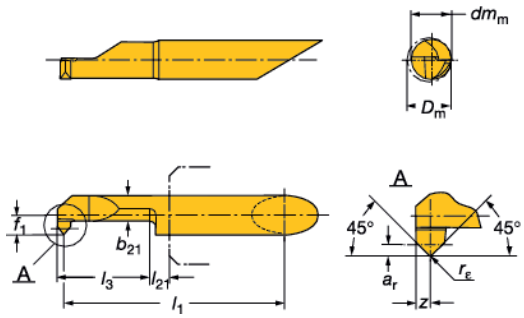
R = A Derecha, L = A Izquierda
★= Primera elección

## Cilindrado/perfilado

### CXS-..T045



**Ángulo de posición:**
45°
**Ángulo de ataque:**
45°
**Tolerancias, mm (pulgadas):**
$r_\varepsilon$= ±0.02 (±.0008)
$l_1$= ±0.02 (±.0008)
Altura del centro:
+0.05/-0 (+.002/-0)



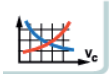

Para áreas de aplicación ISO, ver final de la tabla.

A derechas en la ilustración

| | Tamaño de plaquita[1] | | Criterios de selección, milímetros, pulgadas (mm, pulg.) | | | | | | Dimensiones, milímetros, pulgadas (mm, pulg.) | | | | | | | | | | P | M | | N | | S | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | GC | GC | - | GC | - | GC | - |
| | $dm_m$ | Código de pedido | $a_r$ máx. mm | $a_r$ máx. pulg. | $D_m$ mín. mm | $D_m$ mín. pulg. | $l_3$ mm | $l_3$ pulg. | $r_\varepsilon$ mm | $r_\varepsilon$ pulg. | $b_{21}$ mm | $b_{21}$ in. | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | $l_{21}$ mm | $l_{21}$ in. | 1025 | 1025 | H10F | 1025 | H10F | 1025 | H10F |
| | 05 | CXS-05T045-20-5215R | 0.7 | .028 | 5.2 | .205 | 15 | .591 | 0.2 | .008 | 3.75 | .148 | 2.45 | .096 | 37.25 | 1.466 | 3 | .118 | ★ | ★ | ☆ | ★ | ☆ | ★ | ☆ |
| | | CXS-05T045-20-5220R/L | 0.7 | .028 | 5.2 | .205 | 20 | .787 | 0.2 | .008 | 3.75 | .148 | 2.45 | .096 | 42.25 | 1.663 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | 06 | CXS-06T045-20-6220R | 0.7 | .028 | 6.2 | .244 | 20 | .787 | 0.2 | .008 | 3.95 | .156 | 2.95 | .116 | 42.25 | 1.663 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-06T045-20-6225R/L | 0.7 | .028 | 6.2 | .244 | 25 | .984 | 0.2 | .008 | 3.95 | .156 | 2.95 | .116 | 47.25 | 1.860 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | 07 | CXS-07T045-20-7220R/L | 0.7 | .028 | 7.2 | .284 | 20 | .787 | 0.2 | .008 | 4.25 | .167 | 3.45 | .136 | 62.25 | 2.451 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-07T045-20-7240R/L | 0.7 | .028 | 7.2 | .284 | 40 | 1.575 | 0.2 | .008 | 4.25 | .167 | 3.45 | .136 | 62.25 | 2.451 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | | | | | | | | | | | | | | | | | | P25 | M15 | M20 | N25 | N20 | S15 | S15 |

[1] Para corresponderse con el tamaño de plaquita en el porta.

R = A Derecha, L = A Izquierda
★= Primera elección

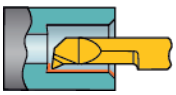
A327
 A411
A435
A3



SANDVIK Coromant

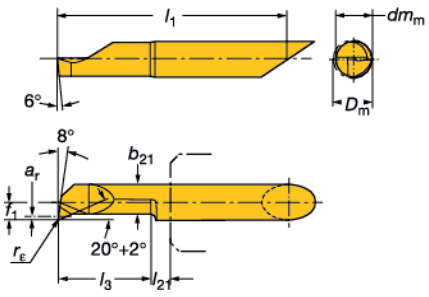
# Plaquitas CoroTurn® XS

**Torneado**



**Ángulo de posición:**
98°
**Ángulo de ataque:**
-8°
**Tolerancias, mm**
$r_\varepsilon$= ±0.02 (±.0008)
$l_1$= ±0.02 (±.0008)
Altura del centro:
+0.05/-0 (+.002/-0)

**CXS-..T098**



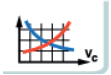

A derechas en la ilustración

Para áreas de aplicación ISO, ver final de la tabla.

| | Tamaño de plaquita[1] | | Criterios de selección, milímetros, pulgadas (mm, pulg.) | | | | | | Dimensiones, milímetros, pulgadas (mm, pulg.) | | | | | | | | | | P | M | | N | | S | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | GC | GC | - | GC | - | GC | - |
| | $dm_m$ | Código de pedido | $a_r$ máx. mm | $a_r$ máx. pulg. | $D_m$ mín. mm | $D_m$ mín. pulg. | $l_3$ mm | $l_3$ pulg. | $r_\varepsilon$ mm | $r_\varepsilon$ pulg. | $b_{21}$ mm | $b_{21}$ in. | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | $l_{21}$ mm | $l_{21}$ in. | 1025 | 1025 | H10F | 1025 | H10F | 1025 | H10F |
| | 04 | CXS-04T098-00-0301R | 0.06 | .002 | 0.3 | .012 | 1.2 | .047 | 0 | .000 | 0.19 | .008 | 0.1 | .004 | 27.2 | 1.073 | 8.8 | .346 | ★ | ★ | | ★ | | ★ | |
| | | CXS-04T098-00-0401R | 0.07 | .003 | 0.4 | .016 | 1.6 | .063 | 0 | .000 | 0.28 | .011 | 0.15 | .006 | 27.2 | 1.073 | 8.4 | .331 | ★ | ★ | | ★ | | ★ | |
| | | CXS-04T098-00-0502R | 0.08 | .003 | 0.5 | .020 | 2 | .079 | 0 | .000 | 0.37 | .015 | 0.2 | .008 | 27.2 | 1.073 | 8 | .315 | ★ | ★ | | ★ | | ★ | |
| | | CXS-04T098-00-0602R | 0.09 | .004 | 0.6 | .024 | 2.5 | .098 | 0 | .000 | 0.46 | .018 | 0.25 | .010 | 27.2 | 1.073 | 7.5 | .295 | ★ | ★ | | ★ | | ★ | |
| | | CXS-04T098-00-0703R | 0.1 | .004 | 0.7 | .028 | 3.5 | .138 | 0 | .000 | 0.55 | .022 | 0.3 | .012 | 27.2 | 1.073 | 6.5 | .256 | ★ | ★ | | ★ | | ★ | |
| | | CXS-04T098-00-0804R | 0.1 | .004 | 0.8 | .032 | 4 | .157 | 0 | .000 | 0.64 | .025 | 0.35 | .014 | 27.2 | 1.073 | 6 | .236 | ★ | ★ | | ★ | | ★ | |
| | | CXS-04T098-00-0905R | 0.1 | .004 | 0.9 | .035 | 5 | .197 | 0 | .000 | 0.73 | .029 | 0.4 | .016 | 27.2 | 1.073 | 5 | .197 | ★ | ★ | | ★ | | ★ | |
| | | CXS-04T098-05-1004R | 0.1 | .004 | 1 | .039 | 4 | .157 | 0.05 | .002 | 0.65 | .026 | 0.45 | .018 | 26.2 | 1.034 | 8 | .315 | ★ | ★ | | ★ | | ★ | |
| | | CXS-04T098-05-1006R | 0.1 | .004 | 1 | .039 | 6 | .236 | 0.05 | .002 | 0.65 | .026 | 0.45 | .018 | 26.2 | 1.034 | 6 | .236 | ★ | ★ | | ★ | | ★ | |
| | | CXS-04T098-05-1706R | 0.2 | .008 | 1.7 | .067 | 6 | .236 | 0.05 | .002 | 1.05 | .041 | 0.7 | .028 | 26.2 | 1.034 | 6 | .236 | ★ | ★ | | ★ | | ★ | |
| | | CXS-04T098-05-1709R | 0.2 | .008 | 1.7 | .067 | 9 | .354 | 0.05 | .002 | 1.05 | .041 | 0.7 | .028 | 26.2 | 1.034 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-04T098-05-2206R | 0.2 | .008 | 2.2 | .087 | 6 | .236 | 0.05 | .002 | 1.55 | .061 | 0.95 | .037 | 26.2 | 1.034 | 6 | .236 | ★ | ★ | | ★ | | ★ | |
| | | CXS-04T098-05-2209R | 0.2 | .008 | 2.2 | .087 | 9 | .354 | 0.05 | .002 | 1.55 | .061 | 0.95 | .037 | 26.2 | 1.034 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-04T098-05-2710R | 0.2 | .008 | 2.7 | .106 | 10 | .394 | 0.05 | .002 | 2.05 | .081 | 1.2 | .047 | 27.2 | 1.073 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-04T098-05-2715R | 0.2 | .008 | 2.7 | .106 | 15 | .591 | 0.05 | .002 | 2.05 | .081 | 1.2 | .047 | 32.2 | 1.270 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-04T098-05-3215R | 0.2 | .008 | 3.2 | .126 | 15 | .591 | 0.05 | .002 | 2.55 | .100 | 1.45 | .057 | 32.2 | 1.270 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-04T098-05-3220R | 0.2 | .008 | 3.2 | .126 | 20 | .787 | 0.05 | .002 | 2.55 | .100 | 1.45 | .057 | 37.2 | 1.466 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-04T098-05-4215R | 0.3 | .012 | 4.2 | .165 | 15 | .591 | 0.05 | .002 | 3.45 | .136 | 1.95 | .077 | 32.2 | 1.270 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-04T098-05-4220R | 0.3 | .012 | 4.2 | .165 | 20 | .787 | 0.05 | .002 | 3.45 | .136 | 1.95 | .077 | 37.2 | 1.466 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-04T098-05-4225R | 0.3 | .012 | 4.2 | .165 | 25 | .984 | 0.05 | .002 | 3.45 | .136 | 1.95 | .077 | 42.2 | 1.663 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-04T098-10-1004L | 0.1 | .004 | 1 | .039 | 10 | .394 | 0.1 | .004 | 0.65 | .026 | 0.45 | .018 | 27.2 | 1.073 | 9 | .354 | ★ | ★ | | ★ | | ★ | |
| | | CXS-04T098-10-1004R | 0.1 | .004 | 1 | .039 | 10 | .394 | 0.1 | .004 | 0.65 | .026 | 0.45 | .018 | 27.2 | 1.073 | 9 | .354 | ★ | ★ | ☆ | ★ | ☆ | ★ | ☆ |
| | | CXS-04T098-10-1006R | 0.1 | .004 | 1 | .039 | 10 | .394 | 0.1 | .004 | 0.65 | .026 | 0.45 | .018 | 27.2 | 1.073 | 7 | .276 | ★ | ★ | ☆ | ★ | ☆ | ★ | ☆ |
| | | CXS-04T098-10-1706L | 0.2 | .008 | 1.7 | .067 | 6 | .236 | 0.1 | .004 | 1.05 | .041 | 0.7 | .028 | 27.2 | 1.073 | 7 | .276 | ★ | ★ | | ★ | | ★ | |
| | | CXS-04T098-10-1706R | 0.2 | .008 | 1.7 | .067 | 6 | .236 | 0.1 | .004 | 1.05 | .041 | 0.7 | .028 | 27.2 | 1.073 | 7 | .276 | ★ | ★ | ☆ | ★ | ☆ | ★ | ☆ |
| | | CXS-04T098-10-1709R/L | 0.2 | .008 | 1.7 | .067 | 10 | .394 | 0.1 | .004 | 1.05 | .041 | 0.7 | .028 | 27.2 | 1.073 | 4 | .157 | ★ | ☆ | | ☆ | | ☆ | |
| | | CXS-04T098-10-2206R/L | 0.2 | .008 | 2.2 | .087 | 10 | .394 | 0.1 | .004 | 1.55 | .061 | 0.95 | .037 | 27.2 | 1.073 | 7 | .276 | ★ | ★ | | ★ | | ★ | |
| | | CXS-04T098-10-2209L | 0.2 | .008 | 2.2 | .087 | 9 | .354 | 0.1 | .004 | 1.55 | .061 | 0.95 | .037 | 27.2 | 1.073 | 4 | .157 | ★ | ★ | | ★ | | ★ | |
| | | CXS-04T098-10-2209R | 0.2 | .008 | 2.2 | .087 | 9 | .354 | 0.1 | .004 | 1.55 | .061 | 0.95 | .037 | 27.2 | 1.073 | 4 | .157 | ★ | ★ | ☆ | ★ | ☆ | ★ | ☆ |
| | | CXS-04T098-10-2213R/L | 0.2 | .008 | 2.2 | .087 | 15 | .591 | 0.1 | .004 | 1.55 | .061 | 0.95 | .037 | 32.2 | 1.270 | 5 | .197 | ★ | ★ | | ★ | | ★ | |
| | | CXS-04T098-15-2710L | 0.2 | .008 | 2.7 | .106 | 10 | .394 | 0.15 | .006 | 2.05 | .081 | 1.2 | .047 | 27.2 | 1.073 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-04T098-15-2710R | 0.2 | .008 | 2.7 | .106 | 10 | .394 | 0.15 | .006 | 2.05 | .081 | 1.2 | .047 | 27.2 | 1.073 | 3 | .118 | ★ | ★ | ☆ | ★ | ☆ | ★ | ☆ |
| | | CXS-04T098-15-2715R/L | 0.2 | .008 | 2.7 | .106 | 15 | .591 | 0.15 | .006 | 2.05 | .081 | 1.2 | .047 | 32.2 | 1.270 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-04T098-15-3210L | 0.2 | .008 | 3.2 | .126 | 10 | .394 | 0.15 | .006 | 2.55 | .100 | 1.45 | .057 | 27.2 | 1.073 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-04T098-15-3210R | 0.2 | .008 | 3.2 | .126 | 10 | .394 | 0.15 | .006 | 2.55 | .100 | 1.45 | .057 | 27.2 | 1.073 | 3 | .118 | ★ | ★ | ☆ | ★ | ☆ | ★ | ☆ |
| | | CXS-04T098-15-3215R/L | 0.2 | .008 | 3.2 | .126 | 15 | .591 | 0.15 | .006 | 2.55 | .100 | 1.45 | .057 | 32.2 | 1.270 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-04T098-15-3220R/L | 0.2 | .008 | 3.2 | .126 | 20 | .787 | 0.15 | .006 | 2.55 | .100 | 1.45 | .057 | 37.2 | 1.467 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-04T098-15-4210R/L | 0.3 | .012 | 4.2 | .165 | 10 | .394 | 0.15 | .006 | 3.45 | .136 | 1.95 | .077 | 27.2 | 1.073 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-04T098-15-4215L | 0.3 | .012 | 4.2 | .165 | 15 | .591 | 0.15 | .006 | 3.45 | .136 | 1.95 | .077 | 32.2 | 1.270 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-04T098-15-4215R | 0.3 | .012 | 4.2 | .165 | 15 | .591 | 0.15 | .006 | 3.45 | .136 | 1.95 | .077 | 32.2 | 1.270 | 3 | .118 | ★ | ★ | ☆ | ★ | ☆ | ★ | ☆ |
| | | CXS-04T098-15-4220R/L | 0.3 | .012 | 4.2 | .165 | 20 | .787 | 0.15 | .006 | 3.45 | .136 | 1.95 | .077 | 37.2 | 1.467 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-04T098-15-4225R/L | 0.3 | .012 | 4.2 | .165 | 25 | .984 | 0.15 | .006 | 3.45 | .136 | 1.95 | .077 | 43.2 | 1.703 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | | | | | | | | | | | | | | | | | | P25 | M15 | M20 | N25 | N20 | S15 | S15 |

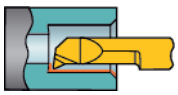
[1] Para corresponderse con el tamaño de plaquita en el porta.

R = A Derecha, L = A Izquierda
★= Primera elección
Continuación ...

A327  A411 A435 A3

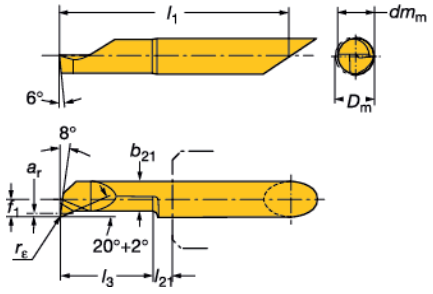
# Plaquitas CoroTurn® XS

## Torneado



**Ángulo de posición:**
98°
**Ángulo de ataque:**
-8°
**Tolerancias, mm (pulgadas):**
$l_3$= +0.05 (+.002/-0)
$r_\varepsilon$= ±0.02 (±.0008)
$l_1$= ±0.02 (±.0008)
Altura del centro:
+0.05/-0 (+.002/-0)

**CXS-..T098**




A derechas en la ilustración

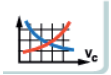
Para áreas de aplicación ISO, ver final de la tabla.

... continuación

| | Tamaño de plaquita[1] | | Criterios de selección, milímetros, pulgadas (mm, pulg.) | | | | | | Dimensiones, milímetros, pulgadas (mm, pulg.) | | | | | | | | | | P | M | | N | | S | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | GC | GC | - | GC | - | GC | - |
| | $dm_m$ | Código de pedido | $a_r$ máx. mm | $a_r$ máx. pulg. | $D_m$ mín. mm | $D_m$ mín. pulg. | $l_3$ mm | $l_3$ pulg. | $r_\varepsilon$ mm | $r_\varepsilon$ pulg. | $b_{21}$ mm | $b_{21}$ in. | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | $l_{21}$ mm | $l_{21}$ in. | 1025 | 1025 | H10F | 1025 | H10F | 1025 | H10F |
| | 05 | CXS-05T098-05-5220R | 0.5 | .020 | 5.2 | .205 | 20 | .787 | 0.05 | .002 | 4.25 | .167 | 2.45 | .096 | 42.25 | 1.663 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-05T098-05-5230R | 0.5 | .020 | 5.2 | .205 | 30 | 1.181 | 0.05 | .002 | 4.25 | .167 | 2.45 | .096 | 57.25 | 2.254 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-05T098-20-5210R/L | 0.5 | .020 | 5.2 | .205 | 10 | .394 | 0.2 | .008 | 4.25 | .167 | 2.45 | .096 | 32.25 | 1.270 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-05T098-20-5220L | 0.5 | .020 | 5.2 | .205 | 20 | .787 | 0.2 | .008 | 4.25 | .167 | 2.45 | .096 | 42.25 | 1.663 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-05T098-20-5220R | 0.5 | .020 | 5.2 | .205 | 20 | .787 | 0.2 | .008 | 4.25 | .167 | 2.45 | .096 | 42.25 | 1.663 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-05T098-20-5225L | 0.5 | .020 | 5.2 | .205 | 25 | .984 | 0.2 | .008 | 4.25 | .167 | 2.45 | .096 | 47.25 | 1.860 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-05T098-20-5225R | 0.5 | .020 | 5.2 | .205 | 25 | .984 | 0.2 | .008 | 4.25 | .167 | 2.45 | .096 | 47.25 | 1.860 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-05T098-20-5230L | 0.5 | .020 | 5.2 | .205 | 30 | 1.181 | 0.2 | .008 | 4.25 | .167 | 2.45 | .096 | 57.25 | 2.254 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-05T098-20-5230R | 0.5 | .020 | 5.2 | .205 | 30 | 1.181 | 0.2 | .008 | 4.25 | .167 | 2.45 | .096 | 57.25 | 2.254 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | 06 | CXS-06T098-20-6215L | 0.5 | .020 | 6.2 | .244 | 15 | .591 | 0.2 | .008 | 5.25 | .207 | 2.95 | .116 | 37.25 | 1.466 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-06T098-20-6215R | 0.5 | .020 | 6.2 | .244 | 15 | .591 | 0.2 | .008 | 5.25 | .207 | 2.95 | .116 | 37.25 | 1.466 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-06T098-20-6220L | 0.5 | .020 | 6.2 | .244 | 20 | .787 | 0.2 | .008 | 5.25 | .207 | 2.95 | .116 | 42.25 | 1.663 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-06T098-20-6220R | 0.5 | .020 | 6.2 | .244 | 20 | .787 | 0.2 | .008 | 5.25 | .207 | 2.95 | .116 | 42.25 | 1.663 | 3 | .118 | ★ | ★ | ☆ | ★ | ☆ | ★ | ☆ |
| | | CXS-06T098-20-6225L | 0.5 | .020 | 6.2 | .244 | 25 | .984 | 0.2 | .008 | 5.25 | .207 | 2.95 | .116 | 47.25 | 1.860 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-06T098-20-6225R | 0.5 | .020 | 6.2 | .244 | 25 | .984 | 0.2 | .008 | 5.25 | .207 | 2.95 | .116 | 47.25 | 1.860 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-06T098-20-6230L | 0.5 | .020 | 6.2 | .244 | 30 | 1.181 | 0.2 | .008 | 5.25 | .207 | 2.95 | .116 | 52.25 | 2.057 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-06T098-20-6230R | 0.5 | .020 | 6.2 | .244 | 30 | 1.181 | 0.2 | .008 | 5.25 | .207 | 2.95 | .116 | 52.25 | 2.057 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-06T098-20-6235R/L | 0.5 | .020 | 6.2 | .244 | 35 | 1.378 | 0.2 | .008 | 5.25 | .207 | 2.95 | .116 | 57.25 | 2.254 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-06T098-20-6240R | 0.5 | .020 | 6.2 | .244 | 40 | 1.575 | 0.2 | .008 | 5.25 | .207 | 2.95 | .116 | 62.25 | 2.451 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | 07 | CXS-07T098-20-7225L | 0.5 | .020 | 7.2 | .284 | 25 | .984 | 0.2 | .008 | 6.25 | .246 | 3.45 | .136 | 47.25 | 1.860 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-07T098-20-7225R | 0.5 | .020 | 7.2 | .284 | 25 | .984 | 0.2 | .008 | 6.25 | .246 | 3.45 | .136 | 47.25 | 1.860 | 3 | .118 | ★ | ★ | ☆ | ★ | ☆ | ★ | ☆ |
| | | CXS-07T098-20-7230R | 0.5 | .020 | 7.2 | .284 | 30 | 1.181 | 0.2 | .008 | 6.25 | .246 | 3.45 | .136 | 57.25 | 2.254 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-07T098-20-7240L | 0.5 | .020 | 7.2 | .284 | 40 | 1.575 | 0.2 | .008 | 6.25 | .246 | 3.45 | .136 | 62.25 | 2.451 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-07T098-20-7240R | 0.5 | .020 | 7.2 | .284 | 40 | 1.575 | 0.2 | .008 | 6.25 | .246 | 3.45 | .136 | 62.25 | 2.451 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-07T098-20-7245R/L | 0.5 | .020 | 7.2 | .284 | 45 | 1.772 | 0.2 | .008 | 6.25 | .246 | 3.45 | .136 | 67.25 | 2.648 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | CXS-07T098-20-7250R | 0.5 | .020 | 7.2 | .284 | 50 | 1.968 | 0.2 | .008 | 6.25 | .246 | 3.45 | .136 | 72.25 | 2.844 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | | | | | | | | | | | | | | | | | | P25 | M15 | M20 | N25 | N20 | S15 | S15 |

[1] Para corresponderse con el tamaño de plaquita en el porta.

R = A Derecha, L = A Izquierda
★= Primera elección

A327
 A411
A435
A3

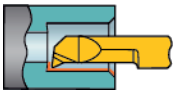


SANDVIK Coromant

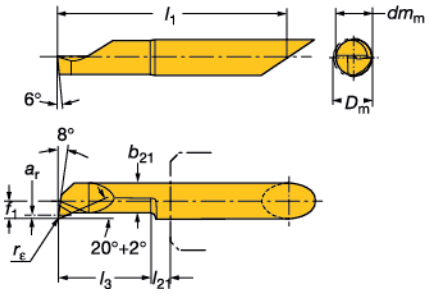
# Plaquitas CoroTurn® XS

**Torneado**

**Para materiales templados**



**CXS-..T098**




**Ángulo de posición:**
98°
**Ángulo de ataque:**
-8°
**Tolerancias, mm (pulgadas):**
$r_\varepsilon$= ±0.02 (± .0008)
$l_1$= ±0.02 (± .0008)
Altura del centro:
+0.05/-0 (+.002/-0)

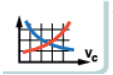
A derechas en la ilustración

| | Tamaño de plaquita[1] | | Criterios de selección, milímetros, pulgadas (mm, pulg.) | | | | | | Dimensiones, milímetros, pulgadas (mm, pulg.) | | | | | | | | | | H CB 7015 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | $dm_m$[1] | Código de pedido | $a_r$ máx. mm | $a_r$ máx. pulg. | $D_m$ mín. mm | $D_m$ mín. pulg. | $l_3$ mm | $l_3$ pulg. | $r_\varepsilon$ mm | $r_\varepsilon$ pulg. | $b_{21}$ mm | $b_{21}$ in. | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | $l_{21}$ mm | $l_{21}$ in. | |
| | 04 | CXS-04T098-10-1706R | 0.2 | .008 | 1.7 | .067 | 6 | .236 | 0.1 | .004 | 1.05 | .041 | 0.7 | .028 | 27.25 | 1.073 | 7 | .276 | ★ |
| | | CXS-04T098-10-2209R | 0.2 | .008 | 2.2 | .087 | 9 | .354 | 0.1 | .004 | 1.55 | .061 | 0.95 | .037 | 27.25 | 1.073 | 4 | .157 | ★ |
| | | CXS-04T098-15-2710R | 0.2 | .008 | 2.7 | .106 | 10 | .394 | 0.15 | .006 | 2.05 | .081 | 1.2 | .047 | 27.26 | 1.073 | 3 | .118 | ★ |
| | | CXS-04T098-15-3215R | 0.2 | .008 | 3.2 | .126 | 15 | .591 | 0.15 | .006 | 2.55 | .100 | 1.45 | .057 | 32.26 | 1.270 | 3 | .118 | ★ |
| | | CXS-04T098-15-3715R | 0.2 | .008 | 3.7 | .146 | 15 | .591 | 0.15 | .006 | 3.05 | .120 | 1.7 | .067 | 32.25 | 1.270 | 3 | .118 | ★ |
| | | CXS-04T098-15-4210R | 0.3 | .012 | 4.2 | .165 | 10 | .394 | 0.15 | .006 | 3.45 | .136 | 1.95 | .077 | 27.26 | 1.073 | 3 | .118 | ★ |
| | | CXS-04T098-15-4215R | 0.3 | .012 | 4.2 | .165 | 15 | .591 | 0.15 | .006 | 3.45 | .136 | 1.95 | .077 | 32.26 | 1.270 | 3 | .118 | ★ |
| | | CXS-04T098-15-4220R | 0.3 | .012 | 4.2 | .165 | 20 | .787 | 0.15 | .006 | 3.45 | .136 | 1.95 | .077 | 37.26 | 1.467 | 3 | .118 | ★ |
| | | CXS-04T098-15-4225R | 0.3 | .012 | 4.2 | .165 | 25 | .984 | 0.15 | .006 | 3.45 | .136 | 1.95 | .077 | 43.26 | 1.703 | 3 | .118 | ★ |
| | 05 | CXS-05T098-20-5210R | 0.5 | .020 | 5.2 | .205 | 10 | .394 | 0.2 | .008 | 4.25 | .167 | 2.45 | .096 | 32.25 | 1.270 | 3 | .118 | ★ |
| | | CXS-05T098-20-5220R | 0.5 | .020 | 5.2 | .205 | 20 | .787 | 0.2 | .008 | 4.25 | .167 | 2.45 | .096 | 42.25 | 1.663 | 3 | .118 | ★ |
| | | CXS-05T098-20-5225R | 0.5 | .020 | 5.2 | .205 | 25 | .984 | 0.2 | .008 | 4.25 | .167 | 2.45 | .096 | 47.25 | 1.860 | 3 | .118 | ★ |
| | | CXS-05T098-20-5230R | 0.5 | .020 | 5.2 | .205 | 30 | 1.181 | 0.2 | .008 | 4.25 | .167 | 2.45 | .096 | 57.25 | 2.254 | 3 | .118 | ★ |
| | 06 | CXS-06T098-20-6215R | 0.5 | .020 | 6.2 | .244 | 15 | .591 | 0.2 | .008 | 5.25 | .207 | 2.95 | .116 | 37.25 | 1.466 | 3 | .118 | ★ |
| | | CXS-06T098-20-6220R | 0.5 | .020 | 6.2 | .244 | 20 | .787 | 0.2 | .008 | 5.25 | .207 | 2.95 | .116 | 42.25 | 1.663 | 3 | .118 | ★ |
| | | CXS-06T098-20-6225R | 0.5 | .020 | 6.2 | .244 | 25 | .984 | 0.2 | .008 | 5.25 | .207 | 2.95 | .116 | 47.25 | 1.860 | 3 | .118 | ★ |
| | | CXS-06T098-20-6230R | 0.5 | .020 | 6.2 | .244 | 30 | 1.181 | 0.2 | .008 | 5.25 | .207 | 2.95 | .116 | 52.25 | 2.057 | 3 | .118 | ★ |
| | | CXS-06T098-20-6240R | 0.5 | .020 | 6.2 | .244 | 40 | 1.575 | 0.2 | .008 | 5.25 | .207 | 2.95 | .116 | 62.25 | 2.451 | 3 | .118 | ★ |
| | 07 | CXS-07T098-20-7225R | 0.5 | .020 | 7.2 | .284 | 25 | .984 | 0.2 | .008 | 6.25 | .246 | 3.45 | .136 | 47.25 | 1.860 | 3 | .118 | ★ |
| | | CXS-07T098-20-7230R | 0.5 | .020 | 7.2 | .284 | 30 | 1.181 | 0.2 | .008 | 6.25 | .246 | 3.45 | .136 | 57.25 | 2.254 | 3 | .118 | ★ |
| | | CXS-07T098-20-7240R | 0.5 | .020 | 7.2 | .284 | 40 | 1.575 | 0.2 | .008 | 6.25 | .246 | 3.45 | .136 | 62.25 | 2.451 | 3 | .118 | ★ |
| | | CXS-07T098-20-7250R | 0.5 | .020 | 7.2 | .284 | 50 | 1.968 | 0.2 | .008 | 6.25 | .246 | 3.45 | .136 | 72.25 | 2.844 | 3 | .118 | ★ |
| | | | | | | | | | | | | | | | | | | | H15 |

[1] Para corresponderse con el tamaño de plaquita en el porta.

R = A derecha

★= Primera elección

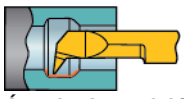
A327  A411 A435 A3

# Plaquitas CoroTurn® XS

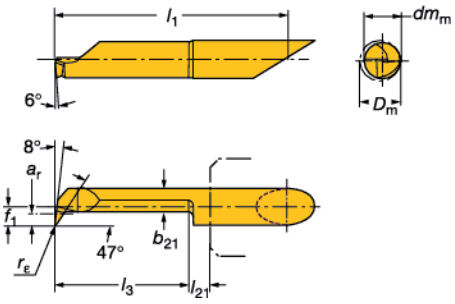
## Copiado

Plaquita con dimensión $f_1$ ampliada.

### CXS-..TE98 Copiado



**Ángulo de posición:**
98°
**Ángulo de ataque:**
-8°
**Tolerancias, mm (pulgadas):**
$r_\varepsilon$= ±0.02 (±.0008)
$l_1$= ±0.02 (±.0008)
Altura del centro:
+0.05/-0 (+.002/-0)




Para áreas de aplicación ISO, ver final de la tabla.

A derechas en la ilustración

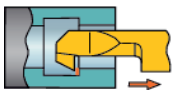
| | Tamaño de plaquita[1] | | Criterios de selección, milímetros, pulgadas (mm, pulg.) | | | | | | Dimensiones, milímetros, pulgadas (mm, pulg.) | | | | | | | | | | P | M | | N | | S | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | $a_r$ máx. mm | $a_r$ máx. pulg. | $D_m$ mín. mm | $D_m$ mín. pulg. | $l_3$ mm | $l_3$ pulg. | $r_\varepsilon$ mm | $r_\varepsilon$ pulg. | $b_{21}$ mm | $b_{21}$ in. | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | $l_{21}$ mm | $l_{21}$ in. | GC 1025 | GC 1025 | - H10F | GC 1025 | - H10F | GC 1025 | - H10F |
| | $dm_m$ | **Código de pedido** | | | | | | | | | | | | | | | | | P25 | M15 | M20 | N25 | N20 | S15 | S15 |
| | 04 | **CXS-04TE98-15-4220L** | 0.8 | .032 | 4.2 | .165 | 20 | .787 | 0.15 | .006 | 2.95 | .116 | 1.95 | .077 | 37.26 | 1.467 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | **CXS-04TE98-15-4220R** | 0.8 | .032 | 4.2 | .165 | 20 | .787 | 0.15 | .006 | 2.95 | .116 | 1.95 | .077 | 37.26 | 1.467 | 3 | .118 | ★ | ★ | ☆ | ★ | ☆ | ★ | ☆ |
| | 05 | **CXS-05TE98-15-5225L** | 1 | .039 | 5.2 | .205 | 25 | .984 | 0.15 | .006 | 3.75 | .148 | 2.45 | .096 | 47.25 | 1.860 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | **CXS-05TE98-15-5225R** | 1 | .039 | 5.2 | .205 | 25 | .984 | 0.15 | .006 | 3.75 | .148 | 2.45 | .096 | 47.25 | 1.860 | 3 | .118 | ★ | ★ | ☆ | ★ | ☆ | ★ | ☆ |
| | 06 | **CXS-06TE98-15-6230L** | 1.8 | .071 | 6.2 | .244 | 30 | 1.181 | 0.15 | .006 | 3.95 | .156 | 2.95 | .116 | 52.25 | 2.057 | 3 | .118 | ★ | ★ | | ★ | | ★ | |
| | | **CXS-06TE98-15-6230R** | 1.8 | .071 | 6.2 | .244 | 30 | 1.181 | 0.15 | .006 | 3.95 | .156 | 2.95 | .116 | 52.25 | 2.057 | 3 | .118 | ★ | ★ | ☆ | ★ | ☆ | ★ | ☆ |

[1] Para corresponderse con el tamaño de plaquita en el porta.

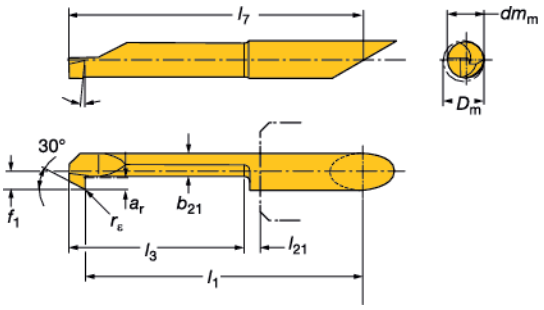
R = A Derecha, L = A Izquierda
★= Primera elección

## Mandrinado a tracción

### B090



**Ángulo de posición:**
90°
**Ángulo de ataque:**
0°
**Tolerancias, mm (pulgadas):**
$r_\varepsilon$= ±0.02 (±.0008)
$l_1$= ±0.02 (±.0008)
Altura del centro:
+0.05 (+.002/-0)




Para áreas de aplicación ISO, ver final de la página.

A derechas en la ilustración

| | Tamaño de plaquita[1] | | Criterios de selección, milímetros, pulgadas | | | | | | Dimensiones, milímetros, pulgadas (mm, pulg.) | | | | | | | | | | P | M | N | S |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | $a_r$ máx. mm | $a_r$ máx. pulg. | $D_m$ mín. mm | $D_m$ mín. pulg. | $l_3$ mm | $l_3$ pulg. | $r_\varepsilon$ mm | $r_\varepsilon$ pulg. | $b_{21}$ mm | $b_{21}$ in. | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | $l_{21}$ mm | $l_{21}$ in. | GC 1025 | GC 1025 | GC 1025 | GC 1025 |
| | $dm_m$ | **Código de pedido** | | | | | | | | | | | | | | | | | P25 | M25 | N25 | S25 |
| | 04 | **CXS-04B090-15-4225R** | 0.8 | .032 | 4.2 | .165 | 25 | .984 | 0.15 | .006 | 2.6 | .102 | 1.95 | .077 | 40.66 | 1.601 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | 05 | **CXS-05B090-15-5230R** | 1 | .039 | 5.2 | .205 | 30.3 | 1.193 | 0.15 | .006 | 3.8 | .150 | 2.45 | .096 | 50.25 | 1.978 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | 06 | **CXS-06B090-15-6230R** | 1.8 | .071 | 6.2 | .244 | 30.3 | 1.193 | 0.15 | .006 | 4 | .157 | 2.95 | .116 | 50.25 | 1.978 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | 07 | **CXS-07B090-15-7230R** | 2.5 | .098 | 7.2 | .284 | 30.3 | 1.193 | 0.15 | .006 | 4.3 | .169 | 3.45 | .136 | 52.25 | 2.057 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |

[1] Para corresponderse con el tamaño de plaquita en el porta.

R = A Derecha, L = A Izquierda
★= Primera elección

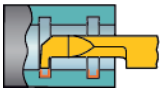
A327
A411
A435
A3



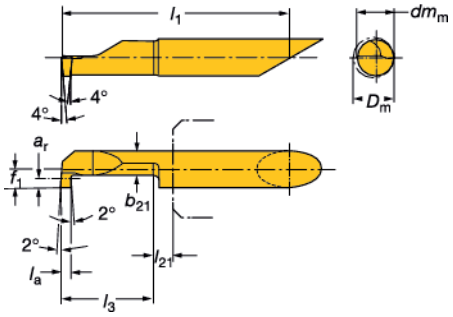
SANDVIK Coromant

# Plaquitas CoroTurn® XS

**Ranurado**



**CXS-..G**




**Tolerancias, mm (pulgadas):**

$l_a$= +0.05 (+.002/-0)
$r_\varepsilon$= ±0.02 (±.0008)
$l_1$= ±0.02 (±.0008)
Altura del centro:
+0.05 (+.002/-0)

Para áreas de aplicación ISO, ver final de la tabla.

| | Tamaño de plaquita[1] | | Criterios de selección, milímetros, pulgadas (mm, pulg.) | | | | | | | | Dimensiones, milímetros, pulgadas (mm, pulg.) | | | | | | | | P | M | N | S |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | GC | GC | GC | GC |
| | $dm_m$ | Código de pedido | $a_r$ máx. mm | $a_r$ máx. pulg. | $D_m$ mín. mm | $D_m$ mín. pulg. | $l_a$ mm | $l_a$ pulg. | $l_3$ mm | $l_3$ pulg. | $b_{21}$ mm | $b_{21}$ in. | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | $l_{21}$ mm | $l_{21}$ in. | 1025 | 1025 | 1025 | 1025 |
| | 04 | CXS-04G078-4210R | 0.8 | .032 | 4.2 | .165 | 0.78 | .031 | 10 | .394 | 2.95 | .116 | 1.95 | .077 | 27.4 | 1.079 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-04G078-4215R/L | 0.8 | .032 | 4.2 | .165 | 0.78 | .031 | 15 | .591 | 2.95 | .116 | 1.95 | .077 | 32.5 | 1.280 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-04G078-4220R | 0.8 | .032 | 4.2 | .165 | 0.78 | .031 | 20 | .787 | 2.95 | .116 | 1.95 | .077 | 37.6 | 1.480 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-04G100-4210R/L | 0.8 | .032 | 4.2 | .165 | 1 | .039 | 10 | .394 | 2.95 | .116 | 1.95 | .077 | 27.3 | 1.075 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-04G100-4215R/L | 0.8 | .032 | 4.2 | .165 | 1 | .039 | 15 | .591 | 2.95 | .116 | 1.95 | .077 | 32.3 | 1.272 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-04G100-4220R/L | 0.8 | .032 | 4.2 | .165 | 1 | .039 | 20 | .787 | 2.95 | .116 | 1.95 | .077 | 37.3 | 1.468 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | 05 | CXS-05G078-5210R | 1 | .039 | 5.2 | .205 | 0.78 | .031 | 10 | .394 | 3.75 | .148 | 2.45 | .096 | 32.4 | 1.276 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-05G078-5220R/L | 1 | .039 | 5.2 | .205 | 0.78 | .031 | 20 | .787 | 3.75 | .148 | 2.45 | .096 | 42.5 | 1.673 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-05G078-5230R | 1 | .039 | 5.2 | .205 | 0.78 | .031 | 30 | 1.181 | 3.75 | .148 | 2.45 | .096 | 52.7 | 2.075 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-05G100-5210R | 1 | .039 | 5.2 | .205 | 1 | .039 | 10 | .394 | 3.75 | .148 | 2.45 | .096 | 32.3 | 1.272 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-05G100-5220R/L | 1 | .039 | 5.2 | .205 | 1 | .039 | 20 | .787 | 3.75 | .148 | 2.45 | .096 | 42.3 | 1.665 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-05G100-5230R | 1 | .039 | 5.2 | .205 | 1 | .039 | 30 | 1.181 | 3.75 | .148 | 2.45 | .096 | 52.3 | 2.059 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-05G117-5210R | 1 | .039 | 5.2 | .205 | 1.17 | .046 | 10 | .394 | 3.75 | .148 | 2.45 | .096 | 32.4 | 1.276 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-05G117-5220R/L | 1 | .039 | 5.2 | .205 | 1.17 | .046 | 20 | .787 | 3.75 | .148 | 2.45 | .096 | 42.5 | 1.673 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-05G117-5230R | 1 | .039 | 5.2 | .205 | 1.17 | .046 | 30 | 1.181 | 3.75 | .148 | 2.45 | .096 | 52.7 | 2.075 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-05G150-5210R | 1 | .039 | 5.2 | .205 | 1.5 | .059 | 10 | .394 | 3.75 | .148 | 2.45 | .096 | 32.3 | 1.272 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-05G150-5215R/L | 1 | .039 | 5.2 | .205 | 1.5 | .059 | 15 | .591 | 3.75 | .148 | 2.45 | .096 | 37.3 | 1.468 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-05G150-5220R/L | 1 | .039 | 5.2 | .205 | 1.5 | .059 | 20 | .787 | 3.75 | .148 | 2.45 | .096 | 42.3 | 1.665 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-05G150-5230R | 1 | .039 | 5.2 | .205 | 1.5 | .059 | 30 | 1.181 | 3.75 | .148 | 2.45 | .096 | 52.3 | 2.059 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-05G157-5210R | 1 | .039 | 5.2 | .205 | 1.57 | .062 | 10 | .394 | 3.75 | .148 | 2.45 | .096 | 32.4 | 1.276 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-05G157-5220R/L | 1 | .039 | 5.2 | .205 | 1.57 | .062 | 20 | .787 | 3.75 | .148 | 2.45 | .096 | 42.5 | 1.673 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-05G157-5230R | 1 | .039 | 5.2 | .205 | 1.57 | .062 | 30 | 1.181 | 3.75 | .148 | 2.45 | .096 | 52.7 | 2.075 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-05G198-5210R | 1 | .039 | 5.2 | .205 | 1.98 | .078 | 10 | .394 | 3.75 | .148 | 2.45 | .096 | 32.4 | 1.276 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-05G198-5220R/L | 1 | .039 | 5.2 | .205 | 1.98 | .078 | 20 | .787 | 3.75 | .148 | 2.45 | .096 | 42.5 | 1.673 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-05G198-5230R | 1 | .039 | 5.2 | .205 | 1.98 | .078 | 30 | 1.181 | 3.75 | .148 | 2.45 | .096 | 52.7 | 2.075 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-05G200-5210R | 1 | .039 | 5.2 | .205 | 2 | .079 | 10 | .394 | 3.75 | .148 | 2.45 | .096 | 32.3 | 1.272 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-05G200-5220R/L | 1 | .039 | 5.2 | .205 | 2 | .079 | 20 | .787 | 3.75 | .148 | 2.45 | .096 | 42.3 | 1.665 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-05G200-5230R | 1 | .039 | 5.2 | .205 | 2 | .079 | 30 | 1.181 | 3.75 | .148 | 2.45 | .096 | 52.3 | 2.059 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | 06 | CXS-06G078-6210R | 1.8 | .071 | 6.2 | .244 | 0.78 | .031 | 10 | .394 | 3.95 | .156 | 2.95 | .116 | 32.4 | 1.276 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-06G078-6215R/L | 1.8 | .071 | 6.2 | .244 | 0.78 | .031 | 15 | .591 | 3.95 | .156 | 2.95 | .116 | 37.5 | 1.476 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-06G078-6225R | 1.8 | .071 | 6.2 | .244 | 0.78 | .031 | 25 | .984 | 3.95 | .156 | 2.95 | .116 | 47.6 | 1.874 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-06G078-6235R/L | 1.8 | .071 | 6.2 | .244 | 0.78 | .031 | 35 | 1.378 | 3.95 | .156 | 2.95 | .116 | 57.8 | 2.276 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-06G100-6210R | 1.8 | .071 | 6.2 | .244 | 1 | .039 | 10 | .394 | 3.95 | .156 | 2.95 | .116 | 32.3 | 1.272 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-06G100-6215L | 1.8 | .071 | 6.2 | .244 | 1 | .039 | 15 | .591 | 3.95 | .156 | 2.95 | .116 | 37.3 | 1.468 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-06G100-6215R | 1.8 | .071 | 6.2 | .244 | 1 | .039 | 15 | .591 | 3.95 | .156 | 2.95 | .116 | 37.3 | 1.468 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-06G100-6225R/L | 1.8 | .071 | 6.2 | .244 | 1 | .039 | 25 | .984 | 3.95 | .156 | 2.95 | .116 | 47.3 | 1.862 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-06G100-6235R | 1.8 | .071 | 6.2 | .244 | 1 | .039 | 35 | 1.378 | 3.95 | .156 | 2.95 | .116 | 57.3 | 2.256 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-06G117-6210R | 1.8 | .071 | 6.2 | .244 | 1.17 | .046 | 10 | .394 | 3.95 | .156 | 2.95 | .116 | 32.4 | 1.276 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-06G117-6215R/L | 1.8 | .071 | 6.2 | .244 | 1.17 | .046 | 15 | .591 | 3.95 | .156 | 2.95 | .116 | 37.5 | 1.476 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-06G117-6225R | 1.8 | .071 | 6.2 | .244 | 1.17 | .046 | 25 | .984 | 3.95 | .156 | 2.95 | .116 | 47.6 | 1.874 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-06G117-6235R/L | 1.8 | .071 | 6.2 | .244 | 1.17 | .046 | 35 | 1.378 | 3.95 | .156 | 2.95 | .116 | 57.8 | 2.276 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-06G150-6210R | 1.8 | .071 | 6.2 | .244 | 1.5 | .059 | 10 | .394 | 3.95 | .156 | 2.95 | .116 | 32.3 | 1.272 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-06G150-6215L | 1.8 | .071 | 6.2 | .244 | 1.5 | .059 | 15 | .591 | 3.95 | .156 | 2.95 | .116 | 37.3 | 1.468 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-06G150-6215R | 1.8 | .071 | 6.2 | .244 | 1.5 | .059 | 15 | .591 | 3.95 | .156 | 2.95 | .116 | 37.3 | 1.468 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-06G150-6225R/L | 1.8 | .071 | 6.2 | .244 | 1.5 | .059 | 25 | .984 | 3.95 | .156 | 2.95 | .116 | 47.3 | 1.862 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-06G150-6235R | 1.8 | .071 | 6.2 | .244 | 1.5 | .059 | 35 | 1.378 | 3.95 | .156 | 2.95 | .116 | 57.3 | 2.256 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | | | | | | | | | | | | | | | | | | P25 | M15 | N25 | S15 |

[1] Para corresponderse con el tamaño de plaquita en el porta.

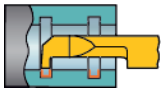
R = A Derecha, L = A Izquierda

Continuación ...

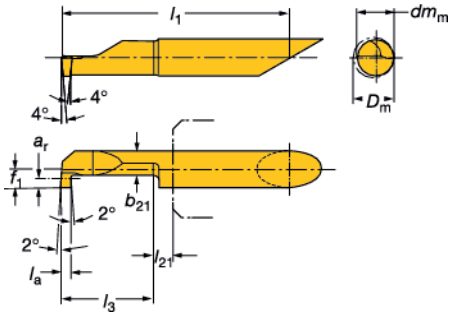
A327 A411 A435 A3

# Plaquitas CoroTurn® XS

## Ranurado



**CXS-..G**




**Tolerancias, mm (pulgadas):**

$l_a$= +0.05/-0 (+.002/-0)
$r_\varepsilon$= ±0.02 (±.0008)
$l_1$= ±0.02 (±.0008)
Altura del centro:
+0.05 (+.002/-0)
... continuación

Para áreas de aplicación ISO, ver final de la tabla.

| | Tamaño de plaquita[1] | | Criterios de selección, milímetros, pulgadas (mm, pulg.) | | | | | | | | Dimensiones, milímetros, pulgadas (mm, pulg.) | | | | | | | | P | M | N | S |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | GC | GC | GC | GC |
| | $dm_m$ | Código de pedido | $a_r$ máx. mm | $a_r$ máx. pulg. | $D_m$ mín. mm | $D_m$ mín. pulg. | $l_a$ mm | $l_a$ pulg. | $l_3$ mm | $l_3$ pulg. | $b_{21}$ mm | $b_{21}$ in. | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | $l_{21}$ mm | $l_{21}$ in. | 1025 | 1025 | 1025 | 1025 |
| | 06 | CXS-06G157-6210R | 1.8 | .071 | 6.2 | .244 | 1.57 | .062 | 10 | .394 | 3.95 | .156 | 2.95 | .116 | 32.4 | 1.276 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-06G157-6215R/L | 1.8 | .071 | 6.2 | .244 | 1.57 | .062 | 15 | .591 | 3.95 | .156 | 2.95 | .116 | 37.5 | 1.476 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-06G157-6225R | 1.8 | .071 | 6.2 | .244 | 1.57 | .062 | 25 | .984 | 3.95 | .156 | 2.95 | .116 | 47.6 | 1.874 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-06G157-6235R/L | 1.8 | .071 | 6.2 | .244 | 1.57 | .062 | 35 | 1.378 | 3.95 | .156 | 2.95 | .116 | 57.8 | 2.276 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-06G198-6210R | 1.8 | .071 | 6.2 | .244 | 1.98 | .078 | 10 | .394 | 3.95 | .156 | 2.95 | .116 | 32.4 | 1.276 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-06G198-6215R/L | 1.8 | .071 | 6.2 | .244 | 1.98 | .078 | 15 | .591 | 3.95 | .156 | 2.95 | .116 | 37.5 | 1.476 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-06G198-6225R | 1.8 | .071 | 6.2 | .244 | 1.98 | .078 | 25 | .984 | 3.95 | .156 | 2.95 | .116 | 47.6 | 1.874 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-06G198-6235R/L | 1.8 | .071 | 6.2 | .244 | 1.98 | .078 | 35 | 1.378 | 3.95 | .156 | 2.95 | .116 | 57.8 | 2.276 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-06G200-6210R | 1.8 | .071 | 6.2 | .244 | 2 | .079 | 10 | .394 | 3.95 | .156 | 2.95 | .116 | 32.3 | 1.272 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-06G200-6215R/L | 1.8 | .071 | 6.2 | .244 | 2 | .079 | 15 | .591 | 3.95 | .156 | 2.95 | .116 | 37.3 | 1.468 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-06G200-6225R/L | 1.8 | .071 | 6.2 | .244 | 2 | .079 | 25 | .984 | 3.95 | .156 | 2.95 | .116 | 47.3 | 1.862 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | 07 | CXS-07G078-7210R | 2.5 | .098 | 7.2 | .284 | 0.78 | .031 | 10 | .394 | 4.25 | .167 | 3.45 | .136 | 32.4 | 1.276 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-07G078-7215R/L | 2.5 | .098 | 7.2 | .284 | 0.78 | .031 | 15 | .591 | 4.25 | .167 | 3.45 | .136 | 37.5 | 1.476 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-07G078-7225R | 2.5 | .098 | 7.2 | .284 | 0.78 | .031 | 25 | .984 | 4.25 | .167 | 3.45 | .136 | 47.6 | 1.874 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-07G078-7235R/L | 2.5 | .098 | 7.2 | .284 | 0.78 | .031 | 35 | 1.378 | 4.25 | .167 | 3.45 | .136 | 57.8 | 2.276 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-07G100-7210R/L | 2.5 | .098 | 7.2 | .284 | 1 | .039 | 10 | .394 | 4.25 | .167 | 3.45 | .136 | 32.3 | 1.272 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-07G100-7215R/L | 2.5 | .098 | 7.2 | .284 | 1 | .039 | 15 | .591 | 4.25 | .167 | 3.45 | .136 | 37.3 | 1.468 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-07G100-7225R/L | 2.5 | .098 | 7.2 | .284 | 1 | .039 | 25 | .984 | 4.25 | .167 | 3.45 | .136 | 47.3 | 1.862 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-07G100-7235R | 2.5 | .098 | 7.2 | .284 | 1 | .039 | 35 | 1.378 | 4.25 | .167 | 3.45 | .136 | 57.3 | 2.256 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-07G117-7210R | 2.5 | .098 | 7.2 | .284 | 1.17 | .046 | 10 | .394 | 4.25 | .167 | 3.45 | .136 | 32.4 | 1.276 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-07G117-7215R/L | 2.5 | .098 | 7.2 | .284 | 1.17 | .046 | 15 | .591 | 4.25 | .167 | 3.45 | .136 | 37.5 | 1.476 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-07G117-7225R | 2.5 | .098 | 7.2 | .284 | 1.17 | .046 | 25 | .984 | 4.25 | .167 | 3.45 | .136 | 47.6 | 1.874 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-07G117-7235R/L | 2.5 | .098 | 7.2 | .284 | 1.17 | .046 | 35 | 1.378 | 4.25 | .167 | 3.45 | .136 | 57.8 | 2.276 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-07G150-7210R | 2.5 | .098 | 7.2 | .284 | 1.5 | .059 | 10 | .394 | 4.25 | .167 | 3.45 | .136 | 32.3 | 1.272 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-07G150-7215R/L | 2.5 | .098 | 7.2 | .284 | 1.5 | .059 | 15 | .591 | 4.25 | .167 | 3.45 | .136 | 37.3 | 1.468 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-07G150-7225R/L | 2.5 | .098 | 7.2 | .284 | 1.5 | .059 | 25 | .984 | 4.25 | .167 | 3.45 | .136 | 47.3 | 1.862 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-07G150-7235R | 2.5 | .098 | 7.2 | .284 | 1.5 | .059 | 35 | 1.378 | 4.25 | .167 | 3.45 | .136 | 57.3 | 2.256 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-07G157-7210R | 2.5 | .098 | 7.2 | .284 | 1.57 | .062 | 10 | .394 | 4.25 | .167 | 3.45 | .136 | 32.4 | 1.276 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-07G157-7215R/L | 2.5 | .098 | 7.2 | .284 | 1.57 | .062 | 15 | .591 | 4.25 | .167 | 3.45 | .136 | 37.5 | 1.476 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-07G157-7225R | 2.5 | .098 | 7.2 | .284 | 1.57 | .062 | 25 | .984 | 4.25 | .167 | 3.45 | .136 | 47.6 | 1.874 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-07G157-7235R/L | 2.5 | .098 | 7.2 | .284 | 1.57 | .062 | 35 | 1.378 | 4.25 | .167 | 3.45 | .136 | 57.8 | 2.276 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-07G198-7210R | 2.5 | .098 | 7.2 | .284 | 1.98 | .078 | 10 | .394 | 4.25 | .167 | 3.45 | .136 | 32.4 | 1.276 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-07G198-7215R/L | 2.5 | .098 | 7.2 | .284 | 1.98 | .078 | 15 | .591 | 4.25 | .167 | 3.45 | .136 | 37.5 | 1.476 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-07G198-7225R | 2.5 | .098 | 7.2 | .284 | 1.98 | .078 | 25 | .984 | 4.25 | .167 | 3.45 | .136 | 47.6 | 1.874 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-07G198-7235R/L | 2.5 | .098 | 7.2 | .284 | 1.98 | .078 | 35 | 1.378 | 4.25 | .167 | 3.45 | .136 | 57.8 | 2.276 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-07G200-7210R | 2.5 | .098 | 7.2 | .284 | 2 | .079 | 10 | .394 | 4.25 | .167 | 3.45 | .136 | 32.3 | 1.272 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-07G200-7215R/L | 2.5 | .098 | 7.2 | .284 | 2 | .079 | 15 | .591 | 4.25 | .167 | 3.45 | .136 | 37.3 | 1.468 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-07G200-7225R/L | 2.5 | .098 | 7.2 | .284 | 2 | .079 | 25 | .984 | 4.25 | .167 | 3.45 | .136 | 47.3 | 1.862 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | CXS-07G200-7235R | 2.5 | .098 | 7.2 | .284 | 2 | .079 | 35 | 1.378 | 4.25 | .167 | 3.45 | .136 | 57.3 | 2.256 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | | | | | | | | | | | | | | | | | | P25 | M15 | N25 | S15 |

[1] Para corresponderse con el tamaño de plaquita en el porta.

R = A Derecha, L = A Izquierda

A327 A411 A435 A3

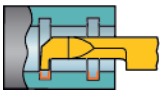


SANDVIK Coromant

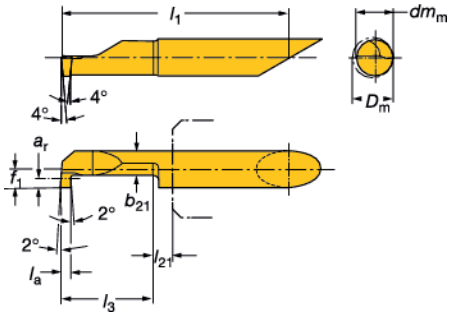
# Plaquitas CoroTurn® XS

**Ranurado**

**Para materiales templados**



**CXS-..G**




**Tolerancias, mm (pulgadas):**
$l_a$= +0.05/-0 (+.002/-0)
$r_\varepsilon$= ±0.02 (±.0008)
$h_1$= ±0.02 (±.0008)
Altura del centro:
+0.05/-0 (+.002/-0)

| | Tamaño de plaquita[1] | | Criterios de selección, milímetros, pulgadas (mm, pulg.) | | | | | | | | Dimensiones, milímetros, pulgadas (mm, pulg.) | | | | | | | | H CB 7015 H15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | $dm_m$[1] | **Código de pedido** | $l_a$ mm | $l_a$ pulg. | $a_r$ máx. mm | $a_r$ máx. pulg. | $D_m$ mín. mm | $D_m$ mín. pulg. | $l_3$ mm | $l_3$ pulg. | $b_{21}$ mm | $b_{21}$ in. | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | $l_{21}$ mm | $l_{21}$ in. | |
| | 06 | **CXS-06G100-6215R** | 1 | .039 | 1.8 | .071 | 6.2 | .244 | 15 | .591 | 3.95 | .156 | 2.95 | .116 | 37.3 | 1.468 | 3 | .118 | ★ |
| | | **CXS-06G150-6215R** | 1.5 | .059 | 1.8 | .071 | 6.2 | .244 | 15 | .591 | 3.95 | .156 | 2.95 | .116 | 37.3 | 1.468 | 3 | .118 | ★ |

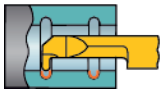
[1] Para corresponderse con el tamaño de plaquita en el porta.

R = A Derecha, L = A Izquierda
★= Primera elección

A327 A411 A435 A3

# Plaquitas CoroTurn® XS

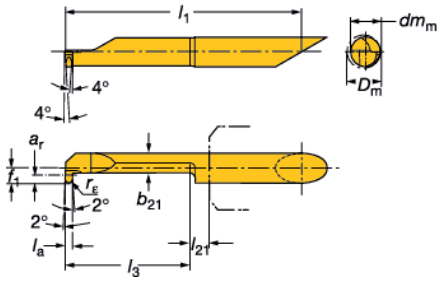
## Perfilado



**Tolerancias, mm (pulgadas):**

$l_a$= +0.05 (+.002/-0)
$r_\varepsilon$= ±0.02 (±.0008)
$l_1$= ±0.02 (±.0008)
Altura del centro:
+0.05 (+.002/-0)

**CXS-..R**

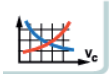



Para áreas de aplicación ISO, ver final de la tabla.

| | Tamaño de plaquita[1] | | Criterios de selección, milímetros, pulgadas (mm, pulg.) | | | | | | | | Dimensiones, milímetros, pulgadas (mm, pulg.) | | | | | | | | | | P | M | N | S |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | | GC | GC | GC | GC |
| | $dm_m$ | **Código de pedido** | $a_r$ máx. mm | $a_r$ máx. pulg. | $D_m$ mín. mm | $D_m$ mín. pulg. | $l_a$ mm | $l_a$ pulg. | $l_3$ mm | $l_3$ pulg. | $r_\varepsilon$ mm | $r_\varepsilon$ pulg. | $b_{21}$ mm | $b_{21}$ in. | $f_1$ mm | $f_1$ pulg. | $l_1$ mm | $l_1$ pulg. | $l_{21}$ mm | $l_{21}$ in. | 1025 | 1025 | 1025 | 1025 |
| | 04 | **CXS-04R058-4215R** | 0.8 | .032 | 4.2 | .165 | 1.17 | .046 | 15 | .591 | 0.58 | .023 | 2.95 | .116 | 2.45 | .096 | 32.5 | 1.280 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | **CXS-04R100-4215R/L** | 0.8 | .032 | 4.2 | .165 | 1 | .039 | 15 | .591 | 0.5 | .020 | 2.95 | .116 | 1.95 | .077 | 32.3 | 1.272 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | 05 | **CXS-05R058-5220R/L** | 1 | .039 | 5.2 | .205 | 1.17 | .046 | 20 | .787 | 0.58 | .023 | 3.75 | .148 | 2.45 | .096 | 42.5 | 1.673 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | **CXS-05R081-5220R/L** | 1 | .039 | 5.2 | .205 | 1.63 | .064 | 20 | .787 | 0.81 | .032 | 3.75 | .148 | 2.45 | .096 | 42.5 | 1.673 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | **CXS-05R099-5220R/L** | 1 | .039 | 5.2 | .205 | 1.98 | .078 | 20 | .787 | 0.99 | .039 | 3.75 | .148 | 2.45 | .096 | 42.5 | 1.673 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | **CXS-05R100-5220R/L** | 1 | .039 | 5.2 | .205 | 1 | .039 | 20 | .787 | 0.5 | .020 | 3.75 | .148 | 2.45 | .096 | 42.3 | 1.665 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | **CXS-05R150-5220R** | 1 | .039 | 5.2 | .205 | 1.5 | .059 | 20 | .787 | 0.75 | .030 | 3.75 | .148 | 2.45 | .096 | 42.3 | 1.665 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | **CXS-05R200-5220R** | 1 | .039 | 5.2 | .205 | 2 | .079 | 20 | .787 | 1 | .039 | 3.75 | .148 | 2.45 | .096 | 42.3 | 1.665 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | 06 | **CXS-06R058-6225R/L** | 1.8 | .071 | 6.2 | .244 | 1.17 | .046 | 25 | .984 | 0.58 | .023 | 3.95 | .156 | 2.95 | .116 | 47.6 | 1.874 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | **CXS-06R081-6225R/L** | 1.8 | .071 | 6.2 | .244 | 1.63 | .064 | 25 | .984 | 0.81 | .032 | 3.95 | .156 | 2.95 | .116 | 47.6 | 1.874 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | **CXS-06R099-6225R/L** | 1.8 | .071 | 6.2 | .244 | 1.98 | .078 | 25 | .984 | 0.99 | .039 | 3.95 | .156 | 2.95 | .116 | 47.6 | 1.874 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | **CXS-06R100-6225R/L** | 1.8 | .071 | 6.2 | .244 | 1 | .039 | 25 | .984 | 0.5 | .020 | 3.95 | .156 | 2.95 | .116 | 47.3 | 1.862 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | **CXS-06R150-6225R/L** | 1.8 | .071 | 6.2 | .244 | 1.5 | .059 | 25 | .984 | 0.75 | .030 | 3.95 | .156 | 2.95 | .116 | 47.3 | 1.862 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | **CXS-06R200-6225R/L** | 1.8 | .071 | 6.2 | .244 | 2 | .079 | 25 | .984 | 1 | .039 | 3.95 | .156 | 2.95 | .116 | 47.3 | 1.862 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | 07 | **CXS-07R058-7230R/L** | 2.5 | .098 | 7.2 | .284 | 1.17 | .046 | 30 | 1.181 | 0.58 | .023 | 4.25 | .167 | 3.45 | .136 | 52.7 | 2.075 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | **CXS-07R081-7230R/L** | 2.5 | .098 | 7.2 | .284 | 1.63 | .064 | 30 | 1.181 | 0.81 | .032 | 4.25 | .167 | 3.45 | .136 | 52.7 | 2.075 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | **CXS-07R099-7230R/L** | 2.5 | .098 | 7.2 | .284 | 1.98 | .078 | 30 | 1.181 | 0.99 | .039 | 4.25 | .167 | 3.45 | .136 | 52.7 | 2.075 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | **CXS-07R100-7230R/L** | 2.5 | .098 | 7.2 | .284 | 1 | .039 | 30 | 1.181 | 0.5 | .020 | 4.25 | .167 | 3.45 | .136 | 52.3 | 2.059 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | **CXS-07R150-7230R/L** | 2.5 | .098 | 7.2 | .284 | 1.5 | .059 | 30 | 1.181 | 0.75 | .030 | 4.25 | .167 | 3.45 | .136 | 52.3 | 2.059 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | **CXS-07R200-7230R/L** | 2.5 | .098 | 7.2 | .284 | 2 | .079 | 30 | 1.181 | 1 | .039 | 4.25 | .167 | 3.45 | .136 | 52.3 | 2.059 | 3 | .118 | ☆ | ☆ | ☆ | ☆ |
| | | | | | | | | | | | | | | | | | | | | | P25 | M15 | N25 | S15 |

[1] Para corresponderse con el tamaño de plaquita en el porta.

R = A Derecha, L = A Izquierda

A327  A411 A434 A3

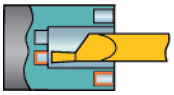


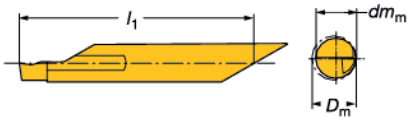
SANDVIK Coromant

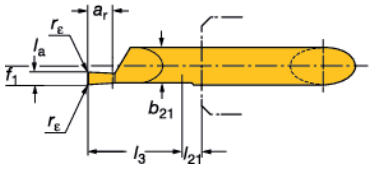
# Plaquitas CoroTurn® XS

## Ranurado frontal

**CXS-..F**






**Tolerancias, mm (pulgadas):**
$l_a$= +0.05/-0 (+.002/-0)
$r_\varepsilon$= ±0.02 (±.0008)
$f_1$= ±0.02 (±.0008)
Altura del centro:
+0.05/-0 (+.002/-0)

Para áreas de aplicación ISO, ver final de la tabla.

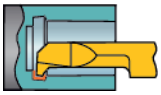
| | Tamaño de plaquita[1] | Criterios de selección, mm, pulgadas | | | | | Dimensiones, mm, pulgadas | | | | | P | M | N | S |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | GC | GC | GC | GC |
| | $dm_m$[1] | $l_a$ | $a_r$ max | $D_m$ mín. | $l_3$ | **Código de pedido** | $b_{21}$ | $f_1$ | $l_1$ | $l_{21}$ | $r_\varepsilon$ | 1025 | 1025 | 1025 | 1025 |
| | 06 | 1 | 2 | 6.2 | 15 | **CXS-06F100-6215AR/L** | 6 | 2.95 | 37.3 | 3 | 0.15 | ☆ | ☆ | ☆ | ☆ |
| | | *.039* | *.079* | *.244* | *.591* | | *.236* | *.116* | *1.468* | *.118* | *.006* | | | | |
| | | 1.5 | 3 | 6.2 | 15 | **CXS-06F150-6215AR/L** | 6 | 2.95 | 37.3 | 3 | 0.15 | ☆ | ☆ | ☆ | ☆ |
| | | *.059* | *.118* | *.244* | *.591* | | *.236* | *.116* | *1.468* | *.118* | *.006* | | | | |
| | | 2 | 4 | 6.2 | 15 | **CXS-06F200-6215AR/L** | 6 | 2.95 | 37.3 | 3 | 0.15 | ☆ | ☆ | ☆ | ☆ |
| | | *.079* | *.157* | *.244* | *.591* | | *.236* | *.116* | *1.468* | *.118* | *.006* | | | | |
| | | 2.5 | 5 | 6.2 | 15 | **CXS-06F250-6215AR/L** | 6 | 2.95 | 37.3 | 3 | 0.15 | ☆ | ☆ | ☆ | ☆ |
| | | *.098* | *.197* | *.244* | *.591* | | *.236* | *.116* | *1.468* | *.118* | *.006* | | | | |
| | | 3 | 6 | 6.2 | 15 | **CXS-06F300-6215AR/L** | 6 | 2.95 | 37.3 | 3 | 0.15 | ☆ | ☆ | ☆ | ☆ |
| | | *.118* | *.236* | *.244* | *.591* | | *.236* | *.116* | *1.468* | *.118* | *.006* | | | | |
| | | | | | | | | | | | | P25 | M15 | N25 | S15 |

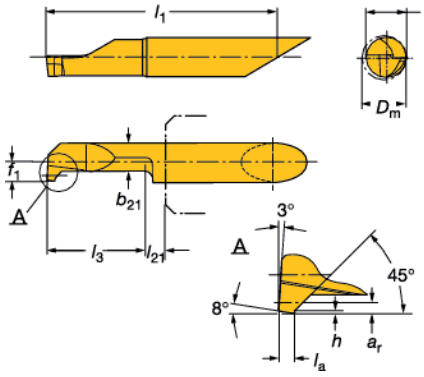
[1] Para corresponderse con el tamaño de plaquita en el porta.

R = A Derecha, L = A Izquierda

## Pre-tronzado

**CXS-..GX**






**Tolerancias, mm**
$l_a$= +0.05/-0 (+ .002/-0)

$f_1$= +/-0.02 ( ± .0008)
Altura del centro:
+0.05/-0 (+.002/-0)

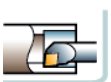
Para áreas de aplicación ISO, ver final de la página.

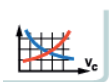
A derechas en la ilustración

| | Tamaño de plaquita[1] | Criterios de selección, mm, pulgadas | | | | | Dimensiones, mm, pulgadas | | | | | P | M | N | S |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | GC | GC | GC | GC |
| | | $l_a$ | $a_r$ max | $D_m$ mín. | $l_3$ | **Código de pedido** | $b_{21}$ | $f_1$ | $h$ | $l_1$ | $l_{21}$ | 1025 | 1025 | 1025 | 1025 |
| | 05 | 1 | 0.7 | 5.2 | 15 | **CXS-05GX100-5215R/L** | 3.75 | 2.45 | 0.2 | 37.3 | 3 | ☆ | ☆ | ☆ | ☆ |
| | | *.039* | *.028* | *.205* | *.591* | | *.148* | *.096* | *.008* | *1.468* | *.118* | | | | |
| | | 1 | 0.7 | 5.2 | 20 | **CXS-05GX100-5220R** | 3.75 | 2.45 | 0.2 | 42.3 | 3 | ☆ | ☆ | ☆ | ☆ |
| | | *.039* | *.028* | *.205* | *.787* | | *.148* | *.096* | *.008* | *1.665* | *.118* | | | | |
| | | 1 | 0.7 | 5.2 | 25 | **CXS-05GX100-5225R/L** | 3.75 | 2.45 | 0.2 | 47.3 | 3 | ☆ | ☆ | ☆ | ☆ |
| | | *.039* | *.028* | *.205* | *.984* | | *.148* | *.096* | *.008* | *1.862* | *.118* | | | | |
| | | 1 | 0.7 | 5.2 | 30 | **CXS-05GX100-5230R** | 3.75 | 2.45 | 0.2 | 52.3 | 3 | ☆ | ☆ | ☆ | ☆ |
| | | *.039* | *.028* | *.205* | *1.181* | | *.148* | *.096* | *.008* | *2.059* | *.118* | | | | |
| | | | | | | | | | | | | P25 | M15 | N25 | S15 |

[1] Para corresponderse con el tamaño de plaquita en el porta.

R = A Derecha, L = A Izquierda

 A327

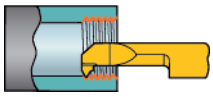
 A411

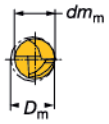
A434

A3

# Plaquitas CoroTurn® XS

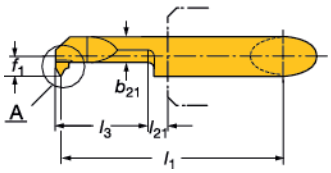
## Roscado

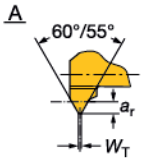




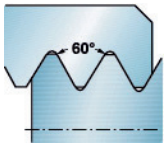
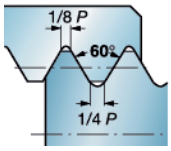
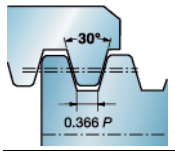

**Tolerancias, mm (pulgadas):**

$l_a$= +0.05 (+.002/-0)
$r_\varepsilon$= ±0.02 (±.0008)
$l_1$= ±0.02 (±.0008)
Altura del centro:
+0.05 (+.002/-0)




Para áreas de aplicación ISO, ver final de la tabla.

| | Tamaño de plaquita[1] | Paso mm | Paso H.P.P. | Código de pedido | Dimensiones, mm, pulgadas $a_r$ max | $b_{21}$ | $D_m$ mín. | $f_1$ | $l_1$ | $l_3$ | $l_{21}$ | $W_T$ | P GC 1025 | M GC 1025 | N GC 1025 | S GC 1025 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | | | | **Perfil en V 60°** | | | | | | | | | | | | |
| | 04 | 0.5 | 56 | **CXS-04TH050VM-4215R/L** | 0.27 | 2.95 | 4.2 | 1.95 | 32.3 | 15 | 3 | 0.06 | ☆ | ☆ | ☆ | ☆ |
| | | | | | .011 | .116 | .165 | .077 | 1.272 | .591 | .118 | .002 | | | | |
| | 05 | 0.5 | 56 | **CXS-05TH050VM-5215R** | 0.27 | 3.75 | 5.2 | 2.45 | 37.3 | 15 | 3 | 0.06 | ☆ | ☆ | ☆ | ☆ |
| | | | | | .011 | .148 | .205 | .096 | 1.468 | .591 | .118 | .002 | | | | |
| | | 0.75 | 40 | **CXS-05TH070VM-5115R** | 0.4 | 3.65 | 5.1 | 2.35 | 37.3 | 15 | 3 | 0.09 | ☆ | ☆ | ☆ | ☆ |
| | | | | | .016 | .144 | .201 | .092 | 1.468 | .591 | .118 | .004 | | | | |
| | | 1 | 28 | **CXS-05TH100VM-4815R/L** | 0.55 | 3.55 | 4.8 | 2.25 | 37.3 | 15 | 3 | 0.12 | ☆ | ☆ | ☆ | ☆ |
| | | | | | .022 | .140 | .189 | .089 | 1.468 | .591 | .118 | .005 | | | | |
| | 06 | 1 | 28 | **CXS-06TH100VM-6215L** | 0.55 | 3.55 | 6.2 | 2.95 | 37.3 | 15 | 3 | 0.12 | ☆ | ☆ | ☆ | ☆ |
| | | | | | .022 | .140 | .244 | .116 | 1.468 | .591 | .118 | .005 | | | | |
| | | | | **CXS-06TH100VM-6215R** | 0.55 | 3.55 | 6.2 | 2.95 | 37.3 | 15 | 3 | 0.12 | ☆ | ☆ | ☆ | ☆ |
| | | | | | .022 | .140 | .244 | .116 | 1.468 | .591 | .118 | .005 | | | | |
| | | 1.25 | 20 | **CXS-06TH125VM-6215R/L** | 0.68 | 3.55 | 6.2 | 2.95 | 37.3 | 15 | 3 | 0.15 | ☆ | ☆ | ☆ | ☆ |
| | | | | | .027 | .140 | .244 | .116 | 1.468 | .591 | .118 | .006 | | | | |
| | | 1.5 | | **CXS-06TH150VM-6215L** | 0.81 | 3.55 | 6.2 | 2.95 | 37.3 | 15 | 3 | 0.18 | ☆ | ☆ | ☆ | ☆ |
| | | | | | .032 | .140 | .244 | .116 | 1.468 | .591 | .118 | .007 | | | | |
| | | | | **CXS-06TH150VM-6215R** | 0.81 | 3.55 | 6.2 | 2.95 | 37.3 | 15 | 3 | 0.18 | ☆ | ☆ | ☆ | ☆ |
| | | | | | .032 | .140 | .244 | .116 | 1.468 | .591 | .118 | .007 | | | | |
|  | | | | **Métrica 60°** | | | | | | | | | | | | |
| | 04 | 0.5 | | **CXS-04TH050MM-4215R** | 0.27 | 3.45 | 4.2 | 1.95 | 32.3 | 15 | 3 | 0.06 | ☆ | ☆ | ☆ | ☆ |
| | | | | | .011 | .136 | .165 | .077 | 1.272 | .591 | .118 | .002 | | | | |
| | | 0.7 | | **CXS-04TH070MM-4215R** | 0.38 | 3.25 | 4.2 | 1.9 | 32.3 | 15 | 3 | 0.08 | ☆ | ☆ | ☆ | ☆ |
| | | | | | .015 | .128 | .165 | .075 | 1.272 | .591 | .118 | .003 | | | | |
| | | 0.8 | | **CXS-04TH080MM-4015R** | 0.43 | 3 | 4 | 1.85 | 32.3 | 15 | 3 | 0.1 | ☆ | ☆ | ☆ | ☆ |
| | | | | | .017 | .118 | .157 | .073 | 1.272 | .591 | .118 | .004 | | | | |
| | 05 | 0.5 | | **CXS-05TH050MM-5215R** | 0.27 | 4.45 | 5.2 | 2.45 | 37.3 | 15 | 3 | 0.06 | ☆ | ☆ | ☆ | ☆ |
| | | | | | .011 | .175 | .205 | .096 | 1.468 | .591 | .118 | .002 | | | | |
| | | 0.75 | | **CXS-05TH075MM-5115R** | 0.41 | 4.15 | 5.1 | 2.4 | 37.3 | 15 | 3 | 0.09 | ☆ | ☆ | ☆ | ☆ |
| | | | | | .016 | .163 | .201 | .094 | 1.468 | .591 | .118 | .004 | | | | |
| | | 1 | | **CXS-05TH100MM-4815R** | 0.54 | 3.55 | 4.8 | 2.25 | 37.3 | 15 | 3 | 0.12 | ☆ | ☆ | ☆ | ☆ |
| | | | | | .021 | .140 | .189 | .089 | 1.468 | .591 | .118 | .005 | | | | |
| | 06 | 1 | | **CXS-06TH100MM-6215R** | 0.54 | 5.05 | 6.2 | 2.95 | 37.3 | 15 | 3 | 0.12 | ☆ | ☆ | ☆ | ☆ |
| | | | | | .021 | .199 | .244 | .116 | 1.468 | .591 | .118 | .005 | | | | |
| | | 1.25 | | **CXS-06TH125MM-6215R** | 0.68 | 4.8 | 6.2 | 2.95 | 37.3 | 15 | 3 | 0.15 | ☆ | ☆ | ☆ | ☆ |
| | | | | | .027 | .189 | .244 | .116 | 1.468 | .591 | .118 | .006 | | | | |
| | | 1.5 | | **CXS-06TH150MM-6215R** | 0.81 | 4.5 | 6.2 | 2.95 | 37.3 | 15 | 3 | 0.18 | ☆ | ☆ | ☆ | ☆ |
| | | | | | .032 | .177 | .244 | .116 | 1.468 | .591 | .118 | .007 | | | | |
| | | 1.75 | | **CXS-06TH175MM-6215R** | 0.95 | 4.3 | 6.2 | 2.95 | 37.3 | 15 | 3 | 0.21 | ☆ | ☆ | ☆ | ☆ |
| | | | | | .037 | .169 | .244 | .116 | 1.468 | .591 | .118 | .008 | | | | |
| | | 2 | | **CXS-06TH200MM-6215R** | 1.08 | 4.1 | 6.2 | 2.95 | 37.3 | 15 | 3 | 0.25 | ☆ | ☆ | ☆ | ☆ |
| | | | | | .042 | .161 | .244 | .116 | 1.468 | .591 | .118 | .010 | | | | |
|  | | | | **Trapezoidal 30°** | | | | | | | | | | | | |
| | 06 | 1.5 | | **CXS-06TH150TR-6220R** | 0.9 | 4.9 | 6.2 | 2.95 | 37.6 | 20 | 3 | 0.47 | ☆ | ☆ | ☆ | ☆ |
| | | | | | .035 | .193 | .244 | .116 | 1.480 | .787 | .118 | .019 | | | | |
| | | 2 | | **CXS-06TH200TR-6220R** | 1.25 | 4.55 | 6.2 | 2.95 | 37.6 | 20 | 3 | 0.6 | ☆ | ☆ | ☆ | ☆ |
| | | | | | .049 | .179 | .244 | .116 | 1.480 | .787 | .118 | .024 | | | | |
| | 07 | 3 | | **CXS-07TH300TR-7230R** | 1.75 | 4.55 | 7.2 | 3.45 | 52.25 | 30 | 3 | 0.96 | ☆ | ☆ | ☆ | ☆ |
| | | | | | .069 | .179 | .283 | .136 | 2.057 | 1.181 | .118 | .038 | | | | |
| | | | | | | | | | | | | | P25 | M15 | N25 | S15 |

[1] Para corresponderse con el tamaño de plaquita en el porta.

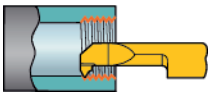
R = A Derecha, L = A Izquierda

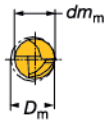
Continuación ...

A327 A411 A434 A3

# Plaquitas CoroTurn® XS

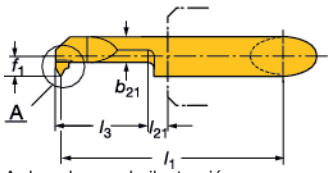
**Roscado**



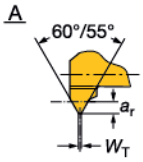



**Tolerancias, mm (pulgadas):**

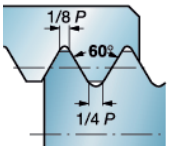
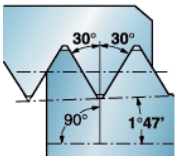
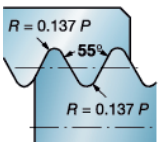
$l_a$= +0.05 (+.002/-0)
$r_\varepsilon$= ±0.02 (±.0008)
$l_1$= ±0.02 (±.0008)
Altura del centro:
+0.05/-0 (+.002/-0)
... continuación




A derechas en la ilustración




Para áreas de aplicación ISO, ver final de la tabla.

| | Tamaño de plaquita[1] | Paso mm | Paso H.P.P. | Código de pedido | Dimensiones, mm, pulgadas $a_r$ max | $b_{21}$ | $D_m$ mín. | $f_1$ | $l_1$ | $l_3$ | $l_{21}$ | $W_T$ | P GC 1025 | M GC 1025 | N GC 1025 | S GC 1025 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | | | | **UN 60°** | | | | | | | | | | | | |
| | 04 | | 24 | **CXS-04TH240UN-4215R** | 0.57 | 3.05 | 4.2 | 1.95 | 32.3 | 15 | 3 | 0.13 | ☆ | ☆ | ☆ | ☆ |
| | | | | | .022 | .120 | .165 | .077 | 1.272 | .591 | .118 | .005 | | | | |
| | | | 28 | **CXS-04TH280UN-4015R** | 0.49 | 2.95 | 4 | 1.85 | 32.3 | 15 | 3 | 0.11 | ☆ | ☆ | ☆ | ☆ |
| | | | | | .019 | .116 | .157 | .073 | 1.272 | .591 | .118 | .004 | | | | |
| | | | 32 | **CXS-04TH320UN-4015R** | 0.43 | 2.95 | 4 | 1.85 | 32.3 | 15 | 3 | 0.1 | ☆ | ☆ | ☆ | ☆ |
| | | | | | .017 | .116 | .157 | .073 | 1.272 | .591 | .118 | .004 | | | | |
| | 05 | | 20 | **CXS-05TH200UN-5215R** | 0.69 | 3.95 | 5.2 | 2.45 | 37.3 | 15 | 3 | 0.16 | ☆ | ☆ | ☆ | ☆ |
| | | | | | .027 | .156 | .205 | .096 | 1.468 | .591 | .118 | .006 | | | | |
| | 06 | | 16 | **CXS-06TH160UN-6215R** | 0.86 | 4.75 | 6.2 | 2.95 | 37.3 | 15 | 3 | 0.2 | ☆ | ☆ | ☆ | ☆ |
| | | | | | .034 | .187 | .244 | .116 | 1.468 | .591 | .118 | .008 | | | | |
| | | | 18 | **CXS-06TH180UN-6215R** | 0.76 | 4.85 | 6.2 | 2.45 | 37.3 | 15 | 3 | 0.18 | ☆ | ☆ | ☆ | ☆ |
| | | | | | .030 | .191 | .244 | .096 | 1.468 | .591 | .118 | .007 | | | | |
|  | | | | **NPT 60°** | | | | | | | | | | | | |
| | 06 | | 18 | **CXS-06TH18NT-6215R/L** | | 3.95 | 6.2 | 2.95 | 37.3 | 15 | 3 | | ☆ | ☆ | ☆ | ☆ |
| | | | | | | .156 | .244 | .116 | 1.468 | .591 | .118 | | | | | |
| | | | 27 | **CXS-06TH27NT-6215R** | | 3.95 | 6.2 | 2.95 | 37.3 | 15 | 3 | | ☆ | ☆ | ☆ | ☆ |
| | | | | | | .156 | .244 | .116 | 1.468 | .591 | .118 | | | | | |
|  | | | | **Withworth 55°** | | | | | | | | | | | | |
| | 05 | | 24 | **CXS-05TH24WH-5215R** | | 3.75 | 5.2 | 2.45 | 37.3 | 15 | 3 | | ☆ | ☆ | ☆ | ☆ |
| | | | | | | .148 | .205 | .096 | 1.468 | .591 | .118 | | | | | |
| | | | 26 | **CXS-05TH26WH-5215R** | | 3.75 | 5.2 | 2.45 | 37.3 | 15 | 3 | | ☆ | ☆ | ☆ | ☆ |
| | | | | | | .148 | .205 | .096 | 1.468 | .591 | .118 | | | | | |
| | | | 28 | **CXS-05TH28WH-5215R** | | 3.75 | 5.2 | 2.45 | 37.3 | 15 | 3 | | ☆ | ☆ | ☆ | ☆ |
| | | | | | | .148 | .205 | .096 | 1.468 | .591 | .118 | | | | | |
| | 06 | | 19 | **CXS-06TH19WH-6215R/L** | | 3.95 | 6.2 | 2.95 | 37.3 | 15 | 3 | | ☆ | ☆ | ☆ | ☆ |
| | | | | | | .156 | .244 | .116 | 1.468 | .591 | .118 | | | | | |
| | | | 20 | **CXS-06TH20WH-6215R** | | 3.95 | 6.2 | 2.95 | 37.3 | 15 | 3 | | ☆ | ☆ | ☆ | ☆ |
| | | | | | | .156 | .244 | .116 | 1.468 | .591 | .118 | | | | | |
| | | | 22 | **CXS-06TH22WH-6215R** | | 3.95 | 6.2 | 2.95 | 37.3 | 15 | 3 | | ☆ | ☆ | ☆ | ☆ |
| | | | | | | .156 | .244 | .116 | 1.468 | .591 | .118 | | | | | |
| | | | 24 | **CXS-06TH24WH-6215R** | | 3.95 | 6.2 | 2.95 | 37.3 | 15 | 3 | | ☆ | ☆ | ☆ | ☆ |
| | | | | | | .156 | .244 | .116 | 1.468 | .591 | .118 | | | | | |
| | | | 26 | **CXS-06TH26WH-6215R** | | 3.95 | 6.2 | 2.95 | 37.3 | 15 | 3 | | ☆ | ☆ | ☆ | ☆ |
| | | | | | | .156 | .244 | .116 | 1.468 | .591 | .118 | | | | | |
| | | | 28 | **CXS-06TH28WH-6215R** | | 3.95 | 6.2 | 2.95 | 37.3 | 15 | 3 | | ☆ | ☆ | ☆ | ☆ |
| | | | | | | .156 | .244 | .116 | 1.468 | .591 | .118 | | | | | |
| | | | | | | | | | | | | | P25 | M15 | N25 | S15 |

[1] Para corresponderse con el tamaño de plaquita en el porta.

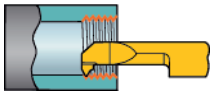
R = A Derecha, L = A Izquierda

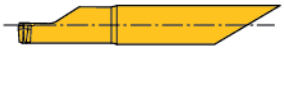
A327 A411 A434 A3

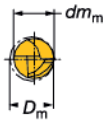
# Plaquitas CoroTurn® XS

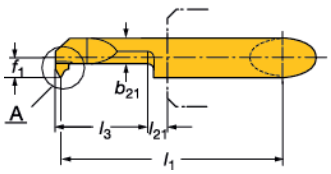
**Roscado**

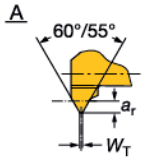
**Para materiales templados**



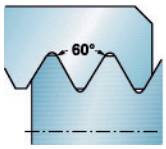




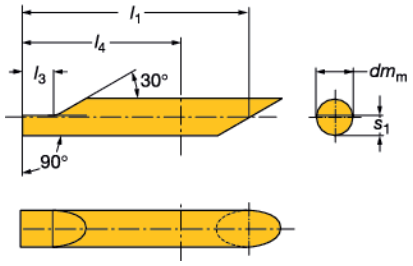




**Tolerancias, mm (pulgadas):**
$l_1$= ±0.02 (± .0008)
Altura del centro:
+0.05/-0 (+.002/-0)

| | Tamaño de plaquita[1] | Paso | | | Dimensiones, mm, pulgadas | | | | | | | | H CB 7015 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | $dm_m$[1] | mm | H.P.P. | **Código de pedido** | $a_r$ max | $b_{21}$ | $D_m$ mín. | $f_1$ | $l_1$ | $l_3$ | $l_{21}$ | $W_T$ | |
|  | 06 | 1 | 28-24 | **CXS-06TH100VM-6215R** | 0.55 | 3.55 | 6.2 | 2.95 | 37.3 | 15 | 3 | 0.12 | ★ |
| | | | | | *.022* | *.140* | *.244* | *.116* | *1.468* | *.591* | *.118* | *0.0047* | |
| | | 1.5 | 20-16 | **CXS-06TH150VM-6215R** | 0.81 | 3.55 | 6.2 | 2.95 | 37.3 | 15 | 3 | 0.18 | ★ |
| | | | | | *.032* | *.140* | *.244* | *.116* | *1.468* | *.591* | *.118* | *0.0071* | |
| | | | | | | | | | | | | | H15 |



## Adaptador en bruto



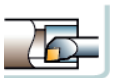
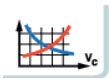

**Tolerancias, mm (pulgadas):**
$l_1$= +0.25/+0.05 (+0.01/0.002)

Para áreas de aplicación ISO, ver final de la página.

| Tamaño de plaquita[1] | **Código de pedido** | Dimensiones, mm, pulgadas | | | | P - H10F | M - H10F | K - H10F | N - H10F |
|---|---|---|---|---|---|---|---|---|---|
| | | $l_1$ | $l_3$ | $l_4$ | $s_1$ | | | | |
| 04 | **CXS-04B-50** | 50 | 3.5 | 35.75 | 2.25 | ★ | ★ | ★ | ★ |
| | | *1.968* | *.138* | *1.408* | *.0886* | | | | |
| 05 | **CXS-05B-65** | 65 | 4 | 45.75 | 2.750 | ★ | ★ | ★ | ★ |
| | | *2.559* | *.158* | *1.8012* | *0.108* | | | | |
| 06 | **CXS-06B-70** | 70 | 5 | 50.75 | 3.250 | ★ | ★ | ★ | ★ |
| | | *2.756* | *.197* | *1.998* | *0.128* | | | | |
| 07 | **CXS-07B-70** | 70 | 6 | 50.75 | 3.750 | ★ | ★ | ★ | ★ |
| | | *2.756* | *.236* | *1.998* | *0.148* | | | | |
| | | | | | | | M20 | | N20 |

[1] Para corresponderse con el tamaño de plaquita en el porta.

R = A Derecha, L = A Izquierda
★= Primera elección

 A327
 A411
A434
A3

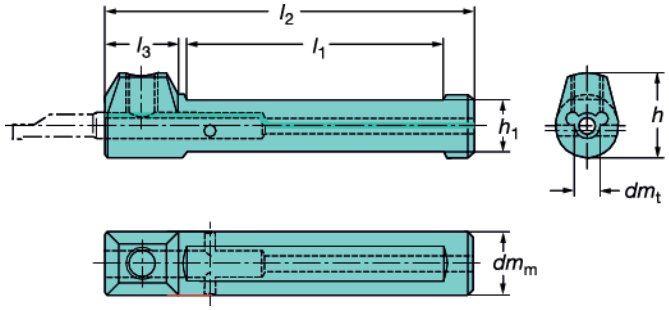


SANDVIK Coromant

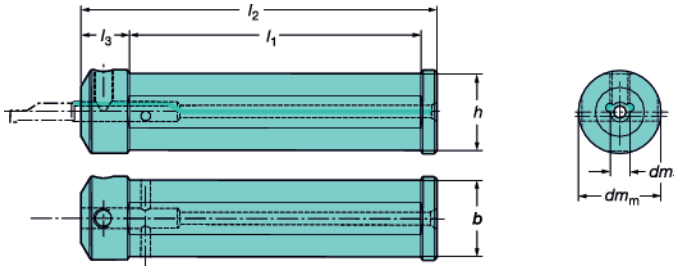
# Barras para mandrinar CoroTurn® XS

**Con suministro interno de refrigerante**

**Cilíndrico con dos planos de apriete**
**CXS-A**




**Cilíndrico con cuatro planos de apriete**
**CXS-A...M**




## Versión métrica

| Para máquina de tipo | Tamaño de plaquita[1] $dm_t$ | Código de pedido | Número de planos | Dimensiones, mm $dm_m$ | $b$ | $h_2$ | $l_1$ | $l_2$ | $l_3$ | $h_{21}$ | Nm[2] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Star | 04 | **CXS-A22-04** | 2 | 22 | 21.0 | 20.0 | 90.0 | 110 | 14.0 | - | 3.0 |
| | 05 | **CXS-A22-05** | 2 | 22 | 21.0 | 20.0 | 90.0 | 110 | 14.0 | - | 3.0 |
| | 06 | **CXS-A22-06** | 2 | 22 | 21.0 | 20.0 | 90.0 | 110 | 14.0 | - | 3.0 |
| | 07 | **CXS-A22-07** | 2 | 22 | 21.0 | 20.0 | 90.0 | 110 | 14.0 | - | 3.0 |
| Nomura | 04 | **CXS-A23-04** | 2 | 23 | | 21.0 | 90.0 | 110 | 14.0 | - | 3.0 |
| | 05 | **CXS-A23-05** | 2 | 23 | | 21.0 | 90.0 | 110 | 14.0 | - | 3.0 |
| | 06 | **CXS-A23-06** | 2 | 23 | | 21.0 | 90.0 | 110 | 14.0 | - | 3.0 |
| | 07 | **CXS-A23-07** | 2 | 23 | | 21.0 | 90.0 | 110 | 14.0 | - | 3.0 |
| Tsugami/Miyano | 04 | **CXS-A25-04** | 2 | 25 | | 23.0 | 90.0 | 110 | 14.0 | - | 3.0 |
| | 05 | **CXS-A25-05** | 2 | 25 | | 23.0 | 90.0 | 110 | 14.0 | - | 3.0 |
| | 06 | **CXS-A25-06** | 2 | 25 | | 23.0 | 90.0 | 110 | 14.0 | - | 3.0 |
| | 07 | **CXS-A25-07** | 2 | 25 | | 23.0 | 90.0 | 110 | 14.0 | - | 3.0 |
| Traub | 04 | **CXS-A28-04** | 2 | 28 | | 26.0 | 72.0 | 120 | 17.0 | - | 3.0 |
| | 05 | **CXS-A28-05** | 2 | 28 | | 26.0 | 72.0 | 120 | 17.0 | - | 3.0 |
| | 06 | **CXS-A28-06** | 2 | 28 | | 26.0 | 72.0 | 120 | 17.0 | - | 3.0 |
| | 07 | **CXS-A28-07** | 2 | 28 | | 26.0 | 72.0 | 120 | 17.0 | - | 3.0 |
| Otros | 04 | **CXS-A10-04** | 2 | 10 | | 8.0 | 45.0 | 65 | 14.0 | 14.5 | 3.0 |
| | 05 | **CXS-A10-05** | 2 | 10 | | 8.0 | 45.0 | 65 | 14.0 | 15 | 3.0 |
| | 04 | **CXS-A12-04** | 2 | 12 | | 10.0 | 50.0 | 70 | 14.0 | 15.5 | 3.0 |
| | 05 | **CXS-A12-05** | 2 | 12 | | 10.0 | 50.0 | 70 | 14.0 | 16 | 3.0 |
| | 06 | **CXS-A12-06** | 2 | 12 | | 10.0 | 50.0 | 70 | 14.0 | 16.5 | 3.0 |
| | 04 | **CXS-A16-04** | 2 | 16 | | 14.0 | 55.0 | 75 | 14.0 | 17.5 | 3.0 |
| | 05 | **CXS-A16-05** | 2 | 16 | | 14.0 | 55.0 | 75 | 14.0 | 18 | 3.0 |
| | 06 | **CXS-A16-06** | 2 | 16 | | 14.0 | 55.0 | 75 | 14.0 | 18.5 | 3.0 |
| | 07 | **CXS-A16-07** | 2 | 16 | | 14.0 | 55.0 | 75 | 14.0 | 19 | 3.0 |
| | 04 | **CXS-A20-04** | 2 | 20 | | 18.0 | 70.0 | 90 | 14.0 | - | 3.0 |
| | 05 | **CXS-A20-05** | 2 | 20 | | 18.0 | 70.0 | 90 | 14.0 | - | 3.0 |
| | 06 | **CXS-A20-06** | 2 | 20 | | 18.0 | 70.0 | 90 | 14.0 | 22 | 3.0 |
| | 07 | **CXS-A20-07** | 2 | 20 | | 18.0 | 70.0 | 90 | 14.0 | 22 | 3.0 |

## Versión en pulgadas

| Para máquina de tipo | Tamaño de plaquita[1] $dm_t$ | Código de pedido | Número de planos | Dimensiones, mm (pulg.) $dm_m$ | $b$ | $h_2$ | $l_1$ | $l_2$ | $l_3$ | $h_{21}$ | Nm[2] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Citizen | 04 | **CXS-A0750-04** | 2 | 19.05 (3/4) | | 18 (.709) | 90 (3.543) | 110 (4.331) | 14 (.551) | 20 (.787) | 3.0 |
| | 05 | **CXS-A0750-05** | 2 | 19.05 (3/4) | | 18 (.709) | 90 (3.543) | 110 (4.331) | 14 (.551) | 20 (.787) | 3.0 |
| | 06 | **CXS-A0750-06** | 2 | 19.05 (3/4) | | 18 (.709) | 90 (3.543) | 110 (4.331) | 14 (.551) | 22 (.866) | 3.0 |
| | 07 | **CXS-A0750-07** | 2 | 19.05 (3/4) | | 18 (.709) | 90 (3.543) | 110 (4.331) | 14 (.551) | 22 (.866) | 3.0 |
| | 04 | **CXS-A1000-04M** | 4 | 25.40 (1) | 23.4 (.921) | 23.4 (.921) | 90 (3.543) | 110 (4.331) | 14 (.551) | | 3.0 |
| | 05 | **CXS-A1000-05M** | 4 | 25.40 (1) | 23.4 (.921) | 23.4 (.921) | 90 (3.543) | 110 (4.331) | 14 (.551) | | 3.0 |
| | 06 | **CXS-A1000-06M** | 4 | 25.40 (1) | 23.4 (.921) | 23.4 (.921) | 90 (3.543) | 110 (4.331) | 14 (.551) | | 3.0 |
| | 07 | **CXS-A1000-07M** | 4 | 25.40 (1) | 23.4 (.921) | 23.4 (.921) | 90 (3.543) | 110 (4.331) | 14 (.551) | | 3.0 |
| Otros | 04 | **CXS-A0500-04** | 2 | 12.70 (1/2) | | 10 (.394) | 45 (1.772) | 70 (2.756) | 14 (.551) | 15.5 (.610) | 3.0 |
| | 05 | **CXS-A0500-05** | 2 | 12.70 (1/2) | | 10 (.394) | 45 (1.772) | 70 (2.756) | 14 (.551) | 16 (.630) | 3.0 |
| | 06 | **CXS-A0500-06** | 2 | 12.70 (1/2) | | 10 (.394) | 45 (1.772) | 70 (2.756) | 14 (.551) | 16.5 (.650) | 3.0 |
| | 04 | **CXS-A0625-04** | 2 | 15.90 (5/8) | | 14 (.551) | 55 (2.165) | 75 (2.953) | 14 (.551) | 17.5(.689) | 3.0 |
| | 05 | **CXS-A0625-05** | 2 | 15.90 (5/8) | | 14 (.551) | 55 (2.165) | 75 (2.953) | 14 (.551) | 18 (.709) | 3.0 |
| | 06 | **CXS-A0625-06** | 2 | 15.90 (5/8) | | 14 (.551) | 55 (2.165) | 75 (2.953) | 14 (.551) | 18.5 (.728) | 3.0 |
| | 07 | **CXS-A0625-07** | 2 | 15.90 (5/8) | | 14 (.551) | 55 (2.165) | 75 (2.953) | 14 (.551) | 19 (.748) | 3.0 |

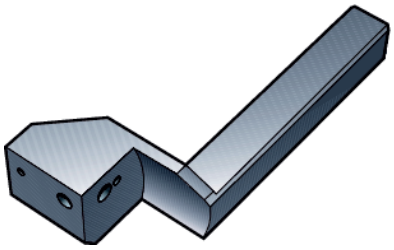
[1] Para corresponderse con el tamaño de plaquita en el porta.
[2] Par torsor de la plaquita Nm

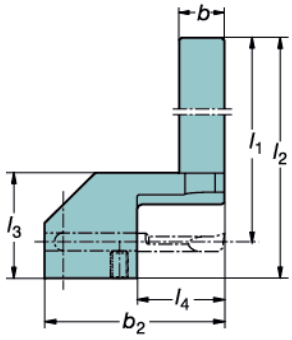
A312

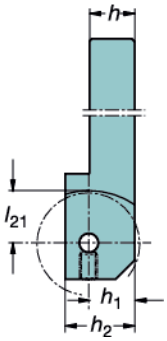
A2

# CoroTurn® XS portaplaquitas con mango cuadrado

**Para mecanizado interior en máquinas con cabezal móvil con husillo secundario**






A derechas en la ilustración

## Versión métrica

| Tamaño de plaquita[2] | Código de pedido | Dimensiones, mm | | | | | | | | | | Nm[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | *b* | $b_2$ | *h* | $h_1$ | $h_2$ | $l_1$ | $l_2$ | $l_3$ | $l_4$ | $l_{21}$ | |
| 04 | **CXS-1010-04R/L** | 10 | 36.5 | 10 | 10 | 16 | 89 | 99 | 29.0 | 18 | 13 | 3.0 |
| | **CXS-1212-04R/L** | 12 | 36.5 | 12 | 12 | 18 | 89 | 99 | 29.0 | 18 | 13 | 3.0 |
| 05 | **CXS-1010-05R/L** | 10 | 48 | 10 | 10 | 16 | 89 | 99 | 29.0 | 23 | 13 | 3.0 |
| | **CXS-1212-05R/L** | 12 | 48 | 12 | 12 | 18 | 89 | 99 | 29.0 | 23 | 13 | 3.0 |
| | **CXS-1616-05R/L** | 16 | 48 | 16 | 16 | 22 | 94 | 104 | 34.0 | 23 | 18 | 3.0 |
| 06 | **CXS-1010-06R/L** | 10 | 53 | 10 | 10 | 16 | 89 | 99 | 29.0 | 28 | 13 | 3.0 |
| | **CXS-1212-06R/L** | 12 | 53 | 12 | 12 | 18 | 89 | 99 | 29.0 | 28 | 13 | 3.0 |
| | **CXS-1616-06R/L** | 16 | 53 | 16 | 16 | 22 | 94 | 104 | 34.0 | 28 | 18 | 3.0 |

1) Par torsor de la plaquita Nm

2) Para que corresponda con el tamaño de alojamiento del portaplaquitas.

## Versión en pulgadas

| Tamaño de plaquita[1] | Código de pedido | Dimensiones, pulgadas | | | | | | | | | | p-lbs[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | *b* | $b_2$ | *h* | $h_1$ | $h_2$ | $l_1$ | $l_2$ | $l_3$ | $l_4$ | $l_{21}$ | |
| 04 | **CXS-06-04R** | .375 | 1.437 | .375 | .375 | .630 | 3.504 | 3.898 | 1.142 | .709 | .512 | 2.2 |
| | **CXS-08-04R** | .500 | 1.437 | .500 | .500 | .748 | 3.504 | 3.898 | 1.142 | .709 | .512 | 2.2 |
| 05 | **CXS-08-05R** | .500 | 1.890 | .500 | .500 | .748 | 3.504 | 3.898 | 1.142 | .906 | .512 | 2.2 |
| | **CXS-10-05R** | .625 | 1.890 | .625 | .625 | .866 | 3.701 | 4.094 | 1.339 | .906 | .709 | 2.2 |
| 06 | **CXS-08-06R** | .500 | 2.087 | .500 | .500 | .748 | 3.504 | 3.898 | 1.142 | 1.102 | .512 | 2.2 |
| | **CXS-10-06R** | .625 | 2.087 | .625 | .625 | .866 | 3.701 | 4.094 | 1.339 | 1.102 | .709 | 2.2 |

1) Par de apriete de la plaquita, ft-lbs.

2) Para que corresponda con el tamaño de alojamiento del portaplaquitas.

## Piezas de repuesto principales

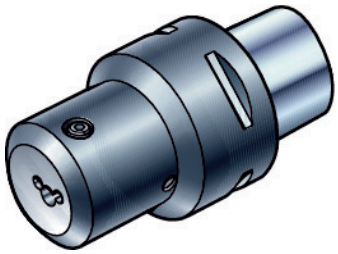
| Tornillo de plaquita | Llave (Torx Plus) |
|---|---|
| 5514 013-01 | 5680 049-01 (15IP) |

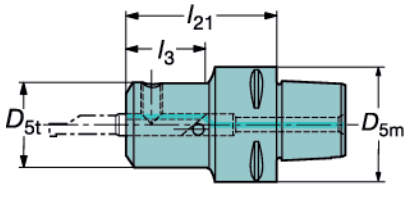
A312

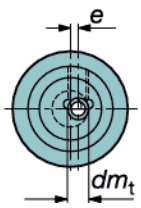
A2

# Adaptador Coromant Capto® para herramientas CoroTurn® XS

## Para aplicaciones rotativas






$l_1$ = longitud de programación

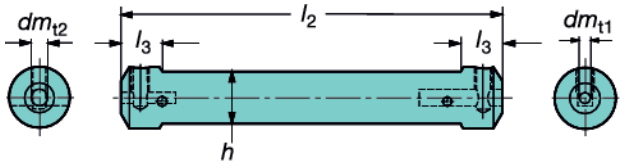
| Tamaño de plaquita[1] | Código de pedido | Dimensiones, mm, pulgadas | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | $D_{5m}$ | $D_{5t}$ | $dm_t$ | e | $l_3$ | $l_{21}$ | Nm[2] |
| 04 | C4-CXS-47-04 | 40 | 21 | 4 | 1.05 | 22.0 | 47 | 3.0 |
| | | *1.575* | *.827* | *.157* | *.041* | *.866* | *1.850* | |
| 05 | C4-CXS-47-05 | 40 | 22 | 5 | 1.3 | 22.0 | 47 | 3.0 |
| | | *1.575* | *.866* | *.197* | *.051* | *.866* | *1.850* | |
| 06 | C4-CXS-47-06 | 40 | 23.5 | 6 | 1.95 | 22.0 | 47 | 3.0 |
| | | *1.575* | *.925* | *.236* | *.077* | *.866* | *1.850* | |
| 07 | C4-CXS-47-07 | 40 | 25 | 7 | 2.9 | 22.0 | 47 | 3.0 |
| | | *1.575* | *.984* | *.276* | *.114* | *.866* | *1.850* | |

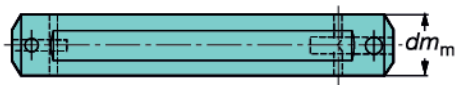
1) Para corresponderse con el tamaño de plaquita en el porta.
2) Par torsor de la plaquita Nm

### Piezas de repuesto principales

| Tornillo de plaquita | Llave (Torx Plus) |
|---|---|
| 5514 013-01 | 5680 049-01 (15IP) |

## CoroTurn® XS barra de mandrinar de dos extremos




| Para máquina de tipo | Tamaño de plaquita[1] | | Código de pedido | Dimensiones, milímetros, pulgadas (mm, pulg.) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Husillo principal | Husillo secundario | | $dm_m$ mm | $dm_m$ pulg. | $h$ mm | $h$ in. | $l_2$ mm | $l_2$ pulg. | $l_3$ mm | $l_3$ pulg. | Nm[2] |
| Tipo de máquina | $dm_{t1}$ | $dm_{t2}$ | | | | | | | | | | |
| Citizen | 04 | 06 | **CXS-A075-04-06** | 19.05 | .750 | 17 | .669 | 140 | 5.512 | 15 | .591 | 3.0 |
| Star | 04 | 04 | **CXS-A22-04-04** | 22 | .866 | 20 | .787 | 140 | 5.512 | 15 | .591 | 3.0 |
| | 04 | 06 | **CXS-A22-04-06** | 22 | .866 | 20 | .787 | 140 | 5.512 | 15 | .591 | 3.0 |
| | 06 | 06 | **CXS-A22-06-06** | 22 | .866 | 20 | .787 | 140 | 5.512 | 15 | .591 | 3.0 |
| Tsugami | 04 | 06 | **CXS-A25-04-06** | 25 | .984 | 23 | .906 | 140 | 5.512 | 15 | .591 | 3.0 |
| Traub | 04 | 06 | **CXS-A28-04-06** | 28 | 1.102 | 26 | 1.024 | 140 | 5.512 | 15 | .591 | 3.0 |
| Otros | 04 | 06 | **CXS-A20-04-06** | 20 | .787 | 18 | .709 | 140 | 5.512 | 15 | .591 | 3.0 |

1) Debe corresponder con el tamaño de la plaquita que figura en ella
2) Par torsor de la plaquita Nm

### Piezas de repuesto principales

| Tornillo | Llave (Torx Plus) |
|---|---|
| 5514 013-01 | 5680 049-01 (15IP) |

A312

A2

G6

SANDVIK
Coromant

# TORNEADO GENERAL

## Cartuchos para herramientas especiales


Introducción A330
Información general sobre portaplaquitas A331
Clave de códigos A333

**Cartuchos para plaquitas de forma básica negativa**
Sujeción rígida CoroTurn RC A334
T-Max® P, sujeción por palanca A336
Diseño de sujeción con cuña T-Max P A339
Dimensiones de montaje A340

**Cartuchos para plaquitas con forma básica positiva**
CoroTurn® 107 con sujeción por tornillo A342
Herramientas de mango redondo CoroTurn® 107 con sujeción por tornillo A350
Dimensiones de montaje A346

**CoroThread 266 cartuchos** C44


## Piezas de repuesto


A351
Llaves dinamométricas A352

# Herramientas especiales

## Cartuchos para plaquitas T-Max P y CoroTurn® 107

**Por su diseño, se utilizan en herramientas de filos de corte múltiples**

### Herramientas con varios filos

Las herramientas especiales se utilizan sobre todo como herramientas de varios filos con las siguientes ventajas:

- Se evita dañar una herramienta de coste elevado en el caso de que se rompa la plaquita
- En el caso de tener que efectuar pequeñas modificaciones en la pieza por trabajar, es posible ajustar sólo la unidad integrada en lugar realizar una herramienta completamente nueva
- Es posible realizar varias operaciones con una sola pasada ahorrando un tiempo valioso

### CoroTurn® RC, un sistema flexible

Si se cambia el juego de amarre y la placa de apoyo, el alojamiento de la plaquita en todos los portaherramientas CoroTurn® RC permite total intercambiabilidad entre:

- Plaquitas de metal duro
- Plaquitas de cerámica con agujero
- Plaquitas de cerámica sin agujero
- Diferentes espesores de plaquita

Encontrará más información en la página A102.

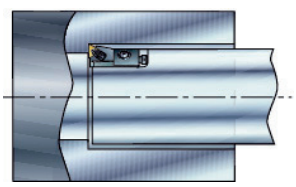
### Herramientas especiales

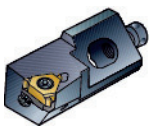
Están disponibles cartuchos según ISO para distintos tipos de plaquita para operaciones interiores y exteriores. La precisión de ajuste tanto radial como axial es de +/- 0.05 mm (+/- .002 pulgadas)

- CoroTurn® RC para plaquitas de forma básica negativa
- CoroTurn® 107 para plaquitas de forma básica positiva

Herramientas de mandrinado con mango redondo para mandrinar piezas individuales o producción de series con pocas operaciones de mecanizado utilizando.

- CoroTurn107 para plaquitas positivas
- CoroTurn® 107, para plaquitas de forma básica positiva





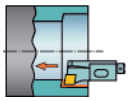
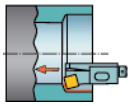
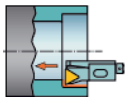
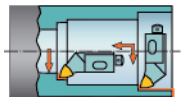
### Otras opciones

Cartuchos para roscado y ranuras circlip con CoroThread 266, véase la página C44

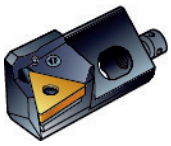
## Cartuchos para plaquitas de forma básica negativa

**CoroTurn® RC diseño de sujeción rígida**

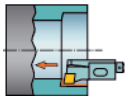
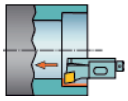
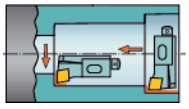
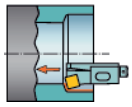
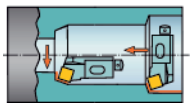
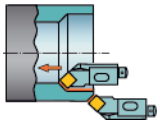
**Ángulo de posición (ángulo de avance)**

| | $\kappa_r$ 95° (-5° ) | $\kappa_r$ 75° (15°) | $\kappa_r$ 90° ( 0°) | $\kappa_r$ 95° (-5°) |
|---|---|---|---|---|
| |  |  |  |  |
| | | | | |
| | **DCLNR/L** | **DSKNR/L** | **DTFNR/L** | **DWLNR/L** |
| Tamaño de plaquita, mm (*iC*, pulgadas) | 12-16 (1/2-5/8) | 12 (1/2) | 16 (13/8) | 08 (1/2) |
| Altura de filo, mm, (pulgadas) | 25 (.984) | 25 (.984) | 16 (.630) | 20 (.787) |
| Página | A334 | A334 | A335 | A335 |

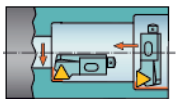
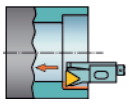
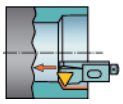
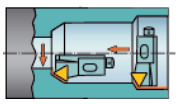
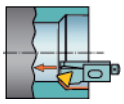
**Diseño de palanca T-Max P**



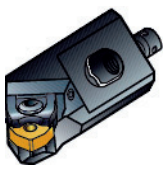
**Ángulo de posición (ángulo de avance)**

| | $\kappa_r$ 95° (-5° ) | $\kappa_r$ 90° (0°) | $\kappa_r$ 90° (0°) | $\kappa_r$ 75° (15°) | $\kappa_r$ 75° (15°) | $\kappa_r$ 45° (45°) |
|---|---|---|---|---|---|---|
| |  |  |  |  |  |  |
| | | | | | | |
| | **PCLNR/L** | **PCFNR/L** | **PCGNR/L** | **PSKNR/L** | **PSRNR/L** | **PSSNR/L** |
| Tamaño de plaquita, mm (*iC*, pulgadas) | 12-19 (1/2-3/4) | 12 (1/2) | 12 (1/2) | 12-15 (1/2-5/8) | 12-15 (1/2-5/8) | 12-15 (1/2-5/8) |
| Altura de filo, mm, (pulgadas) | 16-25 (.630-.984) | 16 (.630) | 16 (.630) | 12-20 (.475-.787) | 16-20 (.630-.787) | 12-20 (.475-.787) |
| Página | A336 | A336 | A336 | A337 | A337 | A337 |

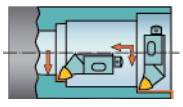
**Ángulo de posición (ángulo de avance)**

| | $\kappa_r$ 90° (0°) | $\kappa_r$ 90° (0°) | $\kappa_r$ 60° (30°) | $\kappa_r$ 60° (30°) | $\kappa_r$ 45° (45°) |
|---|---|---|---|---|---|
| |  |  |  |  |  |
| | | | | | |
| | **PTGNR/L** | **PTFNR/L** | **PTWNR/L** | **PTTNR/L** | **PTSNR/L** |
| Tamaño de plaquita, mm (*iC*, pulgadas) | 16-22 (3/8-1/2) | 16-22 (3/8-1/2) | 16 (3/8) | 16 (3/8) | 16-22 (3/8-1/2) |
| Altura de filo, mm, (pulgadas) | 12-20 (.472-.787) | 12-20 (.472-.787) | 12 (.472) | 12 (.472) | .12-20 (.472-.787) |
| Página | A338 | A338 | A338 | A338 | A338 |

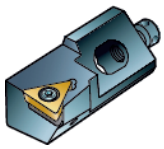
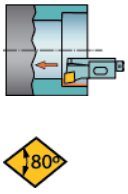
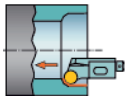
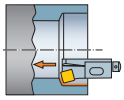
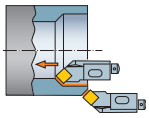
**Diseño de sujeción con cuña T-Max P**

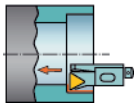
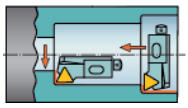
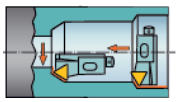
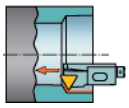
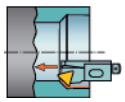


**Ángulo de posición (ángulo de avance)**

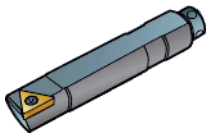
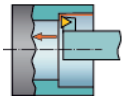
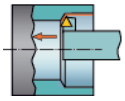
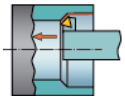
| | $\kappa_r$ 95° (-5° ) |
|---|---|
| |  |
| | |
| | **MWLNR/L** |
| Tamaño de plaquita, mm (*iC*, pulgadas) | 06-08 (3/8-1/2) |
| Altura de filo, mm, (pulgadas) | 16-25 (.630-.984) |
| Página | A339 |

## Cartuchos para plaquitas con forma básica positiva

| **Diseño de sujeción por tornillo CoroTurn® 107** | **Ángulo de posición (ángulo de avance)** | | | |
|---|---|---|---|---|
| | $\kappa_r$ **90° (0°)** | **-** | $\kappa_r$ **75° (15°)** | $\kappa_r$ **45° (45°)** |
|  |  |  |  |  |
| |  | | | |
| | **SCFCR/L** | **SRSCR/L** | **SSKCR/L** | **SSSCR/L** |
| Tamaño de plaquita, mm (*iC*, pulgadas) | 06-09 (1/4-3/8) | 06-10 (.236-.394) | 09-12 (3/8-1/2) | 09-12 (3/8-1/2) |
| Altura de filo, mm, (pulgadas) | 8-12 (.315-.472) | 6-10 (.236-.394) | 10-16 (.394-.630) | 10-12 (.394-.472) |
| Página | A342 | A342 | A343 | A343 |

| | **Ángulo de posición (ángulo de avance)** | | | | |
|---|---|---|---|---|---|
| | $\kappa_r$ **90° (0°)** | $\kappa_r$ **60° (30°)** | $\kappa_r$ **60° (30°)** | $\kappa_r$ **60° (30°)** | $\kappa_r$ **45° (45°)** |
| |  |  |  |  |  |
| | | | | | |
| | **STFCR/L** | **STGCR/L** | **STTCR/L** | **STWCR/L** | **STSCR/L** |
| Tamaño de plaquita, mm (*iC*, pulgadas) | 06-16 (5/32-3/8) | 06-16 (5/32-3/8) | 06-16 (5/32-3/8) | 06-16 (5/32-3/8) | 06-16 (5/32-3/8) |
| Altura de filo, mm, (pulgadas) | 6-16 (.236-.630) | 6-16 (.236-.630) | 6-16 (.236-.630) | 6-12 (.236-.472) | 6-16 (.236-.630) |
| Página | A344 | A344 | A345 | A344 | A345 |

## Herramientas para mandrinar con mago redondo para plaquitas de forma básica positiva

| **Diseño de sujeción por tornillo CoroTurn® 107** | **Ángulo de posición (ángulo de avance)** | | |
|---|---|---|---|
| | $\kappa_r$ **90° (0°)** | $\kappa_r$ **60° (30°)** | $\kappa$**r 45° (45°)** |
|  |  |  |  |
| | | | |
| | **R/L 141.0** | **R/L 140.0** | **R/L 142.0** |
| Tamaño de plaquita, mm (*iC*, pulgadas) | 06-16 (5/32-3/8) | 06-16 (5/32-3/8) | 06-16 (5/32-3/8) |
| Altura de filo, mm, (pulgadas) | 1-17 (.276-.699) | 1-17 (.276-.699) | 1-17 (.276-.699) |
| Página | A350 | A350 | A350 |

## Referencia para cartuchos

| D | C | L | N | R | 25 | C | A | – | 12 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

### 1 Sistema de sujeción

| | |
|---|---|
| D | Sujeción por la cara superior y por el agujero (RC) |
| P | Sujeción por el agujero |
| S | Sujeción por tornillo |
| M | Sujeción por cara superior y por el agujero |

### 2 Forma de la plaquita

| | | | |
|---|---|---|---|
| C | 80° | T | |
| R | | W | 80° |
| S | | | |

### 3 Tipo de cartucho, ángulo de posición (ángulo de avance)

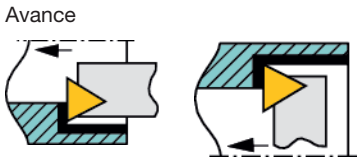
| | | |
|---|---|---|
| F 90° (0°) | G 90° (0°) | K 75° (15°) |
| L 95° (5°) | R 75° (15°) | S 45° (45°) |
| T 60° (30°) | W 60° (30°) | |

### 4 Ángulo de incidencia en filo de corte principal

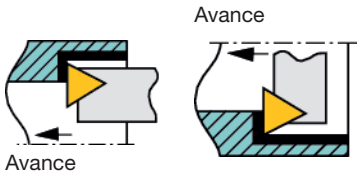
| | |
|---|---|
| C | N |
| 7° | 0° |

### 5 Sentido de la herramienta

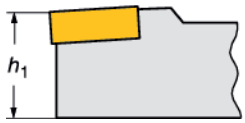
R




L




### 6 Altura de la arista de corte, $h_1$ mm




### 7 Tipo de herramienta

C = cartucho

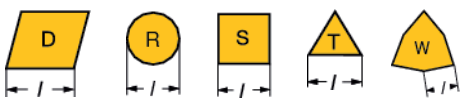
### 8 Tipo de diseño

A = letra para diseños alternativos según ISO 5611.

### 9 Longitud de la herramienta

El guión se refiere a la longitud de la herramienta según ISO 5611.

### 10 Longitud de arista de corte, / mm



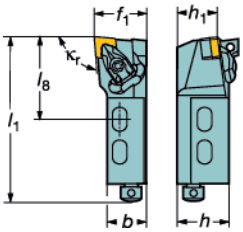
# Cartuchos

## Sujeción rígida CoroTurn® RC

**DCLNR/L**

Ángulo de posición: $\kappa_r$ 95°
Ángulo de ataque: -5°

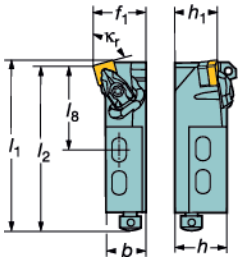
CNMM, CNGP
CNMG
CNMA, CNGA



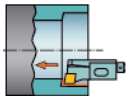

**DSKNR/L**

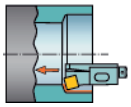
$\kappa_r$ 75°
15°

SNMM
SNMG
SNMA, SNGA




A derechas en la ilustración

| Aplicación principal | □ | iC | Código de pedido | Dimensions, mm, inch b | $D_{m1}$ mín. | $f_1$ | h | $h_1$ | $l_1$ | $l_8$ | γ1) | λs2) | Gauge insert ISO | ANSI | Nm3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 12 | 1/2 | **DCLNR/L 25CA-12** | 25 | 100 | 32 | 38 | 25 | 100 | 50 | -8° | -8° | CNMG 12 04 08 | CNMG 432 | 3.9 |
| | | | | *.984* | *3.937* | *1.260* | *1.496* | *.984* | *3.937* | *1.968* | | | | | |
| | 16 | 5/8 | **DCLNR/L 25CA-16** | 25 | 100 | 32 | 38 | 25 | 100 | 50 | -8° | -8° | CNMG 16 06 12 | CNMG 543 | 6.4 |
| | | | | *.984* | *3.937* | *1.260* | *1.496* | *.984* | *3.937* | *1.968* | | | | | |

| Aplicación principal | □ | iC | Código de pedido | Dimensions, mm, inch b | $D_{m1}$ mín. | $f_1$ | h | $h_1$ | $l_1$ | $l_8$ | γ1) | λs2) | Gauge insert ISO | ANSI | Nm3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 12 | 1/2 | **DSKNR/L 25CA-12** | 25 | 100 | 32 | 38 | 25 | 100 | 50 | -6° | -6° | SNMG 12 04 08 | SNMG 432 | 3.9 |
| | | | | *.984* | *3.937* | *1.260* | *1.496* | *.984* | *3.937* | *1.968* | | | | | |

1) γ = Ángulo de desprendimiento.
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm

R = A Derecha, L = A Izquierda

Dimensiones de montaje, véase la página A340

Dimensiones de la plaquita maestra con $r_\varepsilon$. Para otros radios de punta, véase la página A348.

### Piezas de repuesto principales

| Tamaño de plaquita CNM. □ | iC | SNM. □ | iC | Placa de apoyo | Tornillo de la placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo | Llave (Torx Plus) |
|---|---|---|---|---|---|---|---|---|
| 12 | 1/2 | | | 5322 234-01 | 5513 020-02 | 5680 049-01 (15IP) | 5412 028-021[1)] | 5680 049-02 (15IP) |
| 16 | 5/8 | | | 5322 234-03 | 5513 020-07 | 5680 043-14 (20IP) | 5412 028-031[1)] | 5680 043-14 (20IP) |
| | | 12 | 1/2 | 5322 425-01 | 5513 020-02 | 5680 049-01 (15IP) | 5412 028-021[1)] | 5680 049-01 (15IP) |

1)Para modificar los portaplaquitas CoroTurn® RC para otras plaquitas, consulte los juegos de sujeción en la página A353.

A9
A405
A2



SANDVIK Coromant

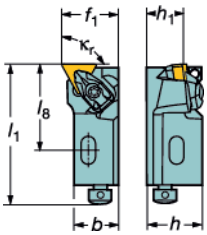
# Cartuchos

## Sujeción rígida CoroTurn® RC

**DTFNR/L**

Ángulo de posición: $\kappa_r$ 90°
Ángulo de ataque: 0°

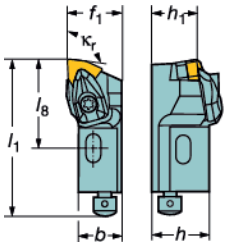
TNMM, TNMX
TNMG
TNMA, TNGA



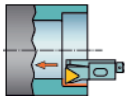

**DWLNR/L**

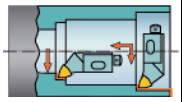
$\kappa_r$ 95°
-5°

WNMM,
WNMG
WNGA, WNMA




A derechas en la ilustración

| Aplicación principal | △ | iC | Código de pedido | Dimensions, mm, inch b | $D_{m1}$ mín. | $f_1$ | h | $h_1$ | $l_1$ | $l_8$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Calibre de placa ISO | ANSI | Nm3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 16 | 3/8 | **DTFNR/L 16CA-16** | 20 | 55 | 25 | 25 | 16 | 63 | 39 | -6° | -8° | TNMG 16 04 08 | TNMG 332 | 1.7 |
| | | | | *.787* | *2.165* | *.984* | *.984* | *.630* | *2.480* | *1.535* | | | | | |

| Aplicación principal | △ | iC | Código de pedido | Dimensions, mm, inch b | $D_{m1}$ mín. | $D_{m2}$ mín4) | $f_1$ | h | $h_1$ | $l_1$ | $l_8$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Calibre de placa ISO | ANSI | Nm3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 08 | 1/2 | **DWLNR/L 20CA-08** | 20 | 70 | 90 | 25 | 25 | 20 | 70 | 40 | -8° | -10° | WNMG 08 04 08 | WNMG 432 | 3.9 |
| | | | | *.787* | *2.756* | *3.543* | *.984* | *.984* | *.787* | *2.756* | *1.575* | | | | | |

1) $\gamma$ = Ángulo de desprendimiento.
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm

R = A Derecha, L = A Izquierda

Dimensiones de montaje, véase la página A340

Dimensiones de la plaquita maestra con $r_\varepsilon$. Para otros radios de punta, véase la página A348.

### Piezas de repuesto principales

| Tamaño de plaquita TNM. △ | iC | WNM. △ | iC | Placa de apoyo | Tornillo de la placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo | Llave (Torx Plus) |
|---|---|---|---|---|---|---|---|---|
| 16 | 3/8 | | | 5322 316-01 | 5513 020-04 | 5680 051-03 (09IP) | 5412 028-011 | 5680 051-03 (09IP) |
| | | 08 | 1/2 | 5322 331-12 | 5513 020-02 | 5680 049-01 (15IP) | 5412 028-021[1)] | 5680 049-01 (15IP) |

1)Para modificar los portaplaquitas CoroTurn® RC para otras plaquitas, consulte los juegos de sujeción en la página A353.

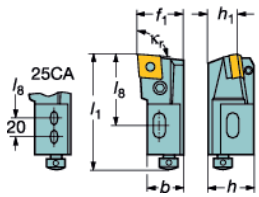
A9
A405
A2

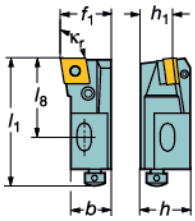
# Cartuchos

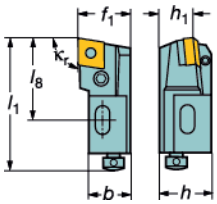
## Diseño de palanca T-Max P

| | PCLNR/L | PCFNR/L | PCGNR/L |
|---|---|---|---|
| Ángulo de posición: | $\kappa_r$ 95° | $\kappa_r$ 90° | $\kappa_r$ 90° |
| Ángulo de ataque: | -5° | 0° | 0° |

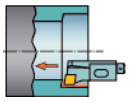
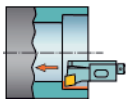
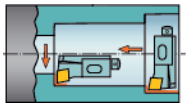
CNMM, CNGP
CNMG
CNMA, CNGA




A derechas en la ilustración

| Aplicación principal | □ | iC | Código de pedido | Dimensions, mm, inch b | $D_{m1}$ mín. | $D_{m2}$ mín | $f_1$ | h | $h_1$ | $l_1$ | $l_8$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Calibre de placa ISO | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 12 | 1/2 | **PCLNR/L 16CA-12** | 20 | 55 | | 25 | 25 | 16 | 63 | 39 | -8° | -8° | CNMG 12 04 08 | CNMG 432 |
| | | | | *.787* | *2.165* | | *.984* | *.984* | *.630* | *2.480* | *1.535* | | | | |
| | 19 | 3/4 | **PCLNR/L 25CA-19** | 25 | 100 | | 32 | 38 | 25 | 100 | 50 | -8° | -8° | CNMG 19 06 12 | CNMG 643 |
| | | | | *.984* | *3.937* | | *1.26* | *1.496* | *.984* | *3.937* | *1.968* | | | | |
|  | 12 | 1/2 | **PCFNR/L 16CA-12** | 20 | 55 | | 25 | 25 | 16 | 63 | 39 | -6° | -8° | CNMG 12 04 08 | CNMG 432 |
| | | | | *.787* | *2.165* | | *.984* | *.984* | *.630* | *2.480* | *1.535* | | | | |
|  | 12 | 1/2 | **PCGNR/L 16CA-12** | 20 | 60 | 75 | 25 | 25 | 16 | 63 | 39 | -10° | -6° | CNMG 12 04 08 | CNMG 432 |
| | | | | *.787* | *2.362* | *2.953* | *.984* | *.984* | *.630* | *2.480* | *1.535* | | | | |

1) $\gamma$ = Ángulo de desprendimiento.
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda

Dimensiones de montaje, véase la página A340

Dimensiones de la plaquita maestra con $r_\varepsilon$. Para otros radios de punta, véase la página A348.

## Piezas de repuesto principales

| Tamaño de plaquita □ | iC | Palanca | Tornillo | Llave (mm) | Placa de apoyo |
|---|---|---|---|---|---|
| 12 | 1/2 | 174.3-848M | 174.3-858 | 174.1-864 (3.0) | 171.31-850M |
| 19 | 3/4 | 174.3-849M | 174.3-835 | 3021 010-040 (4.0) | 171.31-851M |

A9
A406
A2



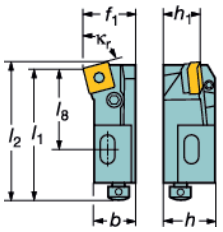
SANDVIK Coromant

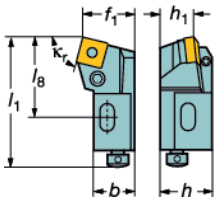
# Cartuchos

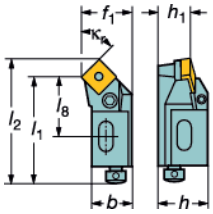
## Diseño de palanca T-Max P

| | PSKNR/L | PSRNR/L | PSSNR/L |
|---|---|---|---|
| Ángulo de posición: | $\kappa_r$ 75° | $\kappa_r$ 75° | $\kappa_r$ 45° |
| Ángulo de ataque: | 15° | 15° | 45° |

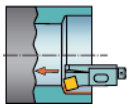
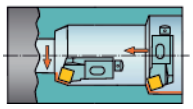
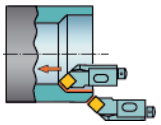
SNMM
SNMG
SNMA, SNGA




A derechas en la ilustración

| Aplicación principal | □ | iC | Código de pedido | Dimensions, mm, inch b | $D_{m1}$ mín. | $D_{m2}$ mín | $f_1$ | h | $h_1$ | $l_1$ | $l_2$ | $l_8$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Calibre de placa ISO | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 12 | 1/2 | **PSKNR/L 12CA-12** | 15 | 50 | | 20 | 20 | 12 | 55 | 58 | 35 | -6° | -8° | SNMG 12 04 08 | SNMG 432 |
| | | | | *.591* | *1.968* | | *.787* | *.787* | *.472* | *2.165* | *2.284* | *1.378* | | | | |
| | | | **PSKNR/L 16CA-12** | 20 | 55 | | 25 | 25 | 16 | 63 | 66 | 39 | -6° | -7° | SNMG 12 04 08 | SNMG 432 |
| | | | | *.787* | *2.165* | | *.984* | *.984* | *.630* | *2.480* | *2.598* | *1.535* | | | | |
| | 15 | 5/8 | **PSKNR/L 20CA-15** | 20 | 70 | | 25 | 30 | 20 | 70 | 73.7 | 40 | -6° | -8° | SNMG 15 06 12 | SNMG 543 |
| | | | | *.787* | *2.756* | | *.984* | *1.181* | *.787* | *2.756* | *2.902* | *1.575* | | | | |
|  | 12 | 1/2 | **PSRNR/L 16CA-12** | 20 | 60 | 75 | 25 | 25 | 16 | 63 | | 39 | -10° | -6° | SNMG 12 04 08 | SNMG 432 |
| | | | | *.787* | *2.362* | *2.953* | *.984* | *.984* | *.630* | *2.480* | | *1.535* | | | | |
| | 15 | 5/8 | **PSRNR/L 20CA-15** | 20 | 70 | 90 | 25 | 30 | 20 | 70 | | 40 | -10° | -6° | SNMG 15 06 12 | SNMG 543 |
| | | | | *.787* | *2.756* | *3.543* | *.984* | *1.181* | *.787* | *2.756* | | *1.575* | | | | |
|  | 12 | 1/2 | **PSSNR/L 12CA-12** | 15 | 50 | | 20 | 20 | 12 | 47 | 55.3 | 27 | -10° | -3° | SNMG 12 04 08 | SNMG 432 |
| | | | | *.591* | *1.968* | | *.787* | *.787* | *.472* | *1.850* | *2.177* | *1.063* | | | | |
| | | | **PSSNR/L 16CA-12** | 20 | 55 | | 25 | 25 | 16 | 53 | 61.3 | 29 | -11° | 0° | SNMG 12 04 08 | SNMG 432 |
| | | | | *.787* | *2.165* | | *.984* | *.984* | *.630* | *2.087* | *2.413* | *1.142* | | | | |
| | 15 | 5/8 | **PSSNR/L 20CA-15** | 20 | 70 | | 25 | 30 | 20 | 60 | 70.3 | 30 | -10° | -3° | SNMG 15 06 12 | SNMG 543 |
| | | | | *.787* | *2.756* | | *.984* | *1.181* | *.787* | *2.362* | *2.768* | *1.181* | | | | |

1) $\gamma$ = Ángulo de desprendimiento.
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda

Dimensiones de montaje, véase la página A340

Dimensiones de la plaquita maestra con $r_\varepsilon$. Para otros radios de punta, véase la página A348.

## Piezas de repuesto principales

| Tamaño de plaquita □ | iC | $h_1$ mm | pulgad | Palanca | Tornillo | Llave (mm) | Placa de apoyo |
|---|---|---|---|---|---|---|---|
| 12 | 1/2 | 12 | .472 | 438.3-841-1 | 438.3-832M | 174.1-863 (2.5) | - |
| 12 | 1/2 | 16 | .630 | 174.3-848M | 174.3-858 | 174.1-864 (3.0) | 174.3-851M |
| 15 | 5/8 | 20 | .787 | 438.3-840 | 438.3-831 | 174.1-864 (3.0) | 174.3-857 |

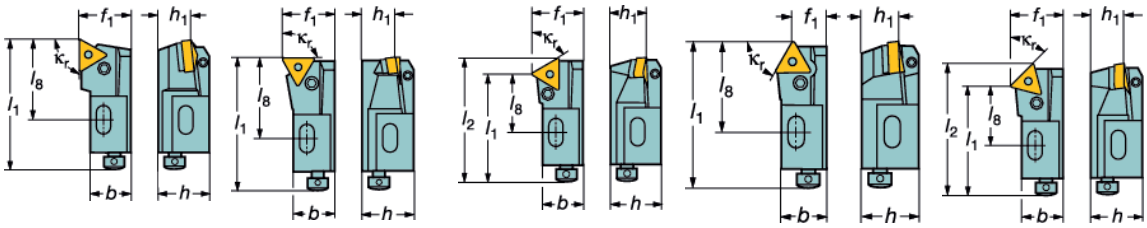
A9
A406
A2

# Cartuchos

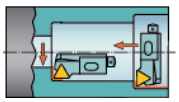
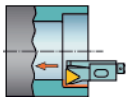
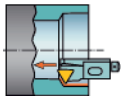
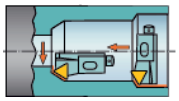
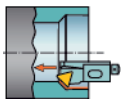
## Diseño de palanca T-Max P

| | PTGNR/L | PTFNR/L | PTWNR/L | PTTNR/L | PTSNR/L |
|---|---|---|---|---|---|
| Ángulo de posición: | $\kappa_r$ 90° | $\kappa_r$ 90° | $\kappa_r$ 60° | $\kappa_r$ 60° | $\kappa_r$ 45° |
| Ángulo de ataque: | 0° | 0° | 30° | 30° | 45° |

TNMM, TNMX
TNMG
TNMA, TNGA




A derechas en la ilustración

| Aplicación principal | △ | iC | Código de pedido | Dimensions, mm, inch b | $D_{m1}$ mín. | $D_{m2}$ mín | $f_1$ | h | $h_1$ | $l_1$ | $l_2$ | $l_8$ | γ¹⁾ | λs²⁾ | Calibre de placa ISO | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 16 | 3/8 | **PTGNR/L 12CA-16** | 15 | 50 | 75 | 20 | 20 | 12 | 55 | | 35 | -10° | -6° | TNMG 16 04 08 | TNMG 332 |
| | | | | *.591* | *1.968* | *2.953* | *.787* | *.787* | *.472* | *2.165* | | *1.378* | | | | |
| | | | **PTGNR/L 16CA-16** | 20 | 60 | 75 | 25 | 25 | 16 | 63 | | 39 | -10° | -6° | TNMG 16 04 08 | TNMG 332 |
| | | | | *.787* | *2.362* | *2.953* | *.984* | *.984* | *.630* | *2.480* | | *1.535* | | | | |
| | 22 | 1/2 | **PTGNR/L 20CA-22** | 20 | 70 | 90 | 25 | 30 | 20 | 70 | | 40 | -8° | -6° | TNMG 22 04 08 | TNMG 432 |
| | | | | *.787* | *2.756* | *3.543* | *.984* | *1.181* | *.787* | *2.756* | | *1.575* | | | | |
|  | 16 | 3/8 | **PTFNR/L 12CA-16** | 15 | 50 | | 20 | 20 | 12 | 55 | | 35 | -6° | -9° | TNMG 16 04 08 | TNMG 332 |
| | | | | *.591* | *1.968* | | *.787* | *.787* | *.472* | *2.165* | | *1.378* | | | | |
| | | | **PTFNR/L 16CA-16** | 20 | 55 | | 25 | 25 | 16 | 63 | | 39 | -6° | -8° | TNMG 16 04 08 | TNMG 332 |
| | | | | *.787* | *2.165* | | *.984* | *.984* | *.630* | *2.480* | | *1.535* | | | | |
| | 22 | 1/2 | **PTFNR/L 20CA-22** | 20 | 70 | | 25 | 30 | 20 | 70 | | 40 | -6° | -8° | TNMG 22 04 08 | TNMG 432 |
| | | | | *.787* | *2.756* | | *.984* | *1.181* | *.787* | *2.756* | | *1.575* | | | | |
|  | 16 | 3/8 | **PTWNR/L 12CA-16** | 15 | 50 | | 20 | 20 | 12 | 47 | 54.2 | 27 | -6° | -7° | TNMG 16 04 08 | TNMG 332 |
| | | | | *.591* | *1.968* | | *.787* | *.787* | *.472* | *1.850* | *2.134* | *1.063* | | | | |
|  | 16 | 3/8 | **PTTNR/L 12CA-16** | 15 | 50 | 75 | 13 | 20 | 12 | 55 | | 35 | -9° | -2° | TNMG 16 04 08 | TNMG 332 |
| | | | | *.591* | *1.968* | *2.953* | *.512* | *.787* | *.472* | *2.165* | | *1.378* | | | | |
|  | 16 | 3/8 | **PTSNR/L 12CA-16** | 15 | 50 | | 20 | 20 | 12 | 47 | 57.2 | 27 | -10° | -3° | TNMG 16 04 08 | TNMG 332 |
| | | | | *.591* | *1.968* | | *.787* | *.787* | *.472* | *1.850* | *2.252* | *1.063* | | | | |
| | | | **PTSNR/L 16CA-16** | 20 | 55 | | 25 | 25 | 16 | 53 | 63.2 | 29 | -11° | 0° | TNMG 16 04 08 | TNMG 332 |
| | | | | *.787* | *2.165* | | *.984* | *.984* | *.630* | *2.087* | *2.488* | *1.142* | | | | |

1) γ = Ángulo de desprendimiento.
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda

Dimensiones de montaje, véase la página A340

Dimensiones de la plaquita maestra con $r_\varepsilon$. Para otros radios de punta, véase la página A348.

## Piezas de repuesto principales

| Tamaño de plaquita △ | iC | $h_1$ mm | $h_1$ pulgada | Palanca | Tornillo | Llave (mm) | Placa de apoyo |
|---|---|---|---|---|---|---|---|
| 16 | 3/8 | 12 | .472 | 5432 015-011 | 438.3-830 | 174.1-870 (1.98) | - |
| 16 | 3/8 | 16 | .630 | 174.3-840M | 174.3-820M | 170.3-860 (2.5) | 179.3-850M |
| 22 | 1/2 | 20 | .787 | 174.3-841M | 174.3-821 | 174.1-864 (3.0) | 179.3-852M |

A9
A406
A2



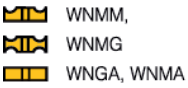
SANDVIK Coromant

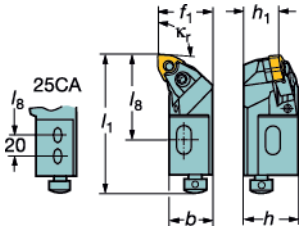
# Cartuchos

## Diseño de sujeción con cuña T-Max P

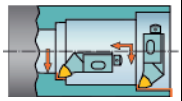
**MWLNR/L**

Ángulo de posición: $\kappa_r$ 95°
Ángulo de ataque: -5°




A derechas en la ilustración

| Aplicación principal | | iC | Código de pedido | Dimensions, mm, inch b | $D_{m1}$ mín. | $D_{m2}$ mín | $f_1$ | h | $h_1$ | $l_1$ | $l_8$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Calibre de placa ISO | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 06 | 3/8 | **MWLNR/L 16CA-06** | 20 | 55 | 75 | 25 | 25 | 16 | 63 | 39 | -8° | -10° | WNMG 06 04 08 | WNMG 332 |
| | | | | *.787* | *2.165* | *2.953* | *.984* | *.984* | *.630* | *2.480* | *1.535* | | | | |
| | 08 | 1/2 | **MWLNL 25CA-08** | 25 | 100 | 115 | 32 | 38 | 25 | 100 | 50 | -8° | -10° | WNMG 08 04 08 | WNMG 432 |
| | | | | *.984* | *3.937* | *4.528* | *1.260* | *1.496* | *.984* | *3.937* | *1.968* | | | | |

1) $\gamma$ = Ángulo de desprendimiento (válido con plaquita lisa).
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda

Dimensiones de montaje, véase la página A340

Dimensiones de la plaquita maestra con $r_\varepsilon$. Para otros radios de punta, véase la página A348.

## Piezas de repuesto principales

| Tamaño de plaquita | | | | |
|---|---|---|---|---|
| | iC | Juego de brida-cuña | Llave (mm) | Placa de apoyo |
| 06 | 3/8 | 5431 125-011 | 170.3-860 (2.5) | 5322 331-06 |
| 08 | 1/2 | 5431 125-021 | 174.1-864 (3.0) | 5322 331-09 |

A9

A406

A2

# Dimensiones de montaje para cartuchos CoroTurn® RC y T-MAX P

## Dimensiones métricas

### Cálculo de las dimensiones $D_{1a}$, $D\alpha$ y $D_{1b}$

$$D_{1a\,max}=2\sqrt{h_1{}^2+(b_{c\,max}+/(-)x_a)^2}$$

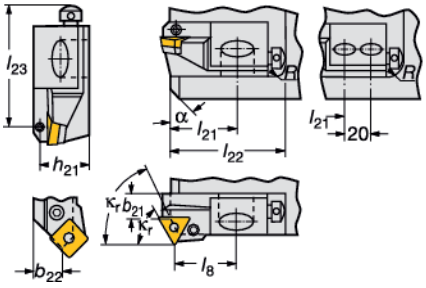
$$D_{\alpha\,max}=2\sqrt{h_1{}^2+(b_{21max}+/(-)x)^2}$$

$$x_a=\frac{D_{m1}}{2}-f_1$$

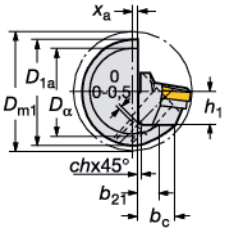
$$D_{1b\,max}=2\sqrt{h_1{}^2+(l_{22}-/(+)x_b)^2}$$

$$x_b=l_1-\frac{D_{m2}}{2}$$

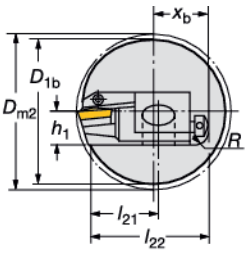
**25CA**




**Montaje axial**




**Montaje radial**




$$\text{tg}\,\alpha=\frac{(b_c-b_{21})\times\text{tg}(90°-\kappa_r)\times 2}{D_{1a}-D_\alpha}$$

Ajuste axial = ±1 mm
Ajuste radial = +0.5 mm

Ajuste axial = +0,5 mm
Ajuste radial = ±1 mm

| Tamaño de cartucho | Código de cartucho | Dimensiones, mm | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ángulo de posición $K_r$ | $b_c$ | $b_{21}$ max | $b_{22}$ | $h_1$ | $h_{21}$ | $l_8$ | $l_{21}$ | $l_{22}$ | $l_{23}$ | $D_{m1}$ mín. | $D_{m2}$ mín. | $R$ max | $ch$ max |
| **12CA** | **PTFNR/L 12CA-16** | 90° | 14.00 | – | – | 12.00 | 16.00 | 35.00 | 33.00 | 53.00 | 49.00 | 50.00 | – | 5.00 | 0.40 |
| | **PTWNR/L 12CA-16** | 60° | 14.00 | 3.50 | – | 12.00 | 16.00 | 27.00 | 30.50 | 50.50 | 46.00 | 50.00 | – | 5.00 | 0.40 |
| | **PTSNR/L 12CA-16** | 45° | 14.00 | 6.50 | – | 12.00 | 16.00 | 27.00 | 33.50 | 53.50 | 49.00 | 50.00 | – | 5.00 | 0.40 |
| | **PTTNR/L 12CA-16** | 60° | 14.00 | 10.50 | – | 12.00 | 16.00 | 35.00 | 30.50 | 50.50 | 49.00 | 50.00 | 75.00 | 5.00 | 0.40 |
| | **PTGNR/L 12CA-16** | 90° | 14.00 | – | – | 12.00 | 16.00 | 35.00 | 30.50 | 50.50 | 45.00 | 50.00 | 75.00 | 5.00 | 0.40 |
| | **PSKNR/L 12CA-12** | 75° | 14.00 | 1.00 | – | 12.00 | 16.00 | 35.00 | 36.50 | 56.50 | 52.00 | 50.00 | – | 5.00 | 0.40 |
| | **PSSNR/L 12CA-12** | 45° | 14.00 | – | 9.00 | 12.00 | 16.00 | 27.00 | 32.00 | 52.00 | 40.50 | 50.00 | – | 5.00 | 0.40 |
| **16CA** | **DTFNR/L 16CA-16** | 90° | 18.50 | – | – | 16.00 | 21.50 | 39.00 | 37.50 | 61.00 | 58.00 | 55.00 | – | 6.00 | 0.40 |
| | **PTFNR/L 16CA-16** | 90° | 17.50 | – | – | 16.00 | 21.50 | 38.00 | 35.00 | 60.00 | 54.00 | 55.00 | – | 6.00 | 0.40 |
| | **PTSNR/L 16CA-16** | 45° | 17.00 | 11.50 | – | 16.00 | 20.50 | 28.00 | 32.50 | 57.50 | 54.00 | 55.00 | – | 6.00 | 0.40 |
| | **PTGNR/L 16CA-16** | 90° | 18.50 | – | – | 16.00 | 20.50 | 38.00 | 32.00 | 57.00 | 52.00 | 60.00 | 75.00 | 6.00 | 0.40 |
| | **PSKNR/L 16CA-12** | 75° | 17.50 | 6.00 | – | 16.00 | 20.50 | 38.00 | 38.50 | 63.50 | 55.00 | 55.00 | – | 6.00 | 0.40 |
| | **PSSNR/L 16CA-12** | 45° | 17.00 | – | 13.30 | 16.00 | 20.50 | 28.00 | 31.50 | 56.50 | 41.00 | 55.00 | 75.00 | 6.00 | 0.40 |
| | **PSRNR/L 16CA-12** | 75° | 19.00 | – | – | 16.00 | 20.50 | 38.00 | 27.50 | 52.50 | 51.00 | 60.00 | 75.00 | 6.00 | 0.40 |
| | **PCLNR/L 16CA-12** | 95° | 17.50 | – | – | 16.00 | 20.50 | 38.00 | 32.00 | 57.00 | 54.00 | 55.00 | 75.00 | 6.00 | 0.40 |
| | **PCFNR/L 16CA-12** | 90° | 17.50 | – | – | 16.00 | 20.50 | 38.00 | 34.00 | 59.00 | 55.00 | 55.00 | – | 6.00 | 0.40 |
| | **PCGNR/L 16CA-12** | 90° | 18.50 | – | – | 16.00 | 20.50 | 38.00 | 30.50 | 55.50 | 52.00 | 60.00 | 75.00 | 6.00 | 0.40 |
| | **MWLNR/L 16CA-06** | 95° | 17.80 | – | – | 16.00 | 20.00 | 39.00 | 33.40 | 57.40 | 38.50 | 55.00 | 75.00 | 6.00 | 0.40 |
| **20CA** | **DWLNR/L 20CA-08** | 95° | 18.50 | – | – | 20.00 | 27.00 | 40.00 | 35.00 | 65.00 | 58.00 | 70.00 | 90.00 | 6.00 | 0.40 |
| | **PTFNR/L 20CA-22** | 90° | 15.50 | – | – | | 27.00 | 40.00 | 37.00 | 67.00 | 61.00 | 70.00 | – | | 0.40 |
| | **PTSNR/L 20CA-22** | 45° | 15.50 | 6.90 | – | 20.00 | 25.00 | 30.00 | 37.00 | 67.00 | 62.00 | 70.00 | – | 6.00 | 0.40 |
| | **PTGNR/L 20CA-22** | 90° | 16.00 | – | – | | 25.00 | 40.00 | 32.50 | 62.50 | 56.70 | 70.00 | 90.00 | | 0.40 |
| | **PSKNR/L 20CA-15** | 75° | 16.50 | 1.30 | – | | 25.00 | 40.00 | 41.00 | 71.00 | 67.00 | 70.00 | – | | 0.40 |
| | **PSSNR/L 20CA-15** | 45° | 15.50 | – | 10.20 | 20.00 | 25.00 | 30.00 | 35.00 | 65.00 | 52.00 | 70.00 | – | 6.00 | 0.40 |
| | **PSRNR/L 20CA-15** | 75° | 18.00 | – | – | | 25.00 | 40.00 | 33.00 | 63.00 | 60.00 | 70.00 | 90.00 | | 0.40 |
| **25CA** | **DCLNR/L 25 CA-12** | 95° | 24.30 | – | – | 25.00 | 33.00 | 50.00 | 43.60 | 93.50 | 93.50 | 100.00 | 115.00 | 8.00 | 0.70 |
| | **DCLNR/L 25 CA-16** | 95° | 24.30 | – | – | 25.00 | 33.00 | 50.00 | 43.60 | 93.50 | 93.50 | 100.00 | 115.00 | 8.00 | 0.70 |
| | **DSKNR/L 25CA-12** | 95° | 24.30 | – | – | 25.00 | 33.00 | 50.00 | 51.60 | 101.60 | 96.50 | 100.00 | – | 8.00 | 0.70 |
| | **PCLNR/L 25CA-19** | 95° | 22.50 | – | – | 25.00 | 32.00 | 50.00 | 41.50 | 91.50 | 88.00 | 100.00 | 115.00 | 8.00 | 0.70 |
| | **MWLNR/L 25CA-08** | 95° | 23.30 | – | – | 25.00 | 30.00 | 50.00 | 42.30 | 92.30 | 68.00 | 100.00 | 115.00 | 8.00 | 0.70 |

# Dimensiones de montaje para cartuchos CoroTurn® RC y T-MAX P

**Dimensiones en pulgadas**

**Cálculo de las dimensiones $D_{1a}$, $D\alpha$ y $D_{1b}$**

$$D_{1a\,max}=2\sqrt{h_1{}^2+(b_{c\,max}+/(-)\,x_a)^2}$$

$$D_{\alpha\,max}=2\sqrt{h_1{}^2+(b_{21\,max}+/(-)x)^2}$$

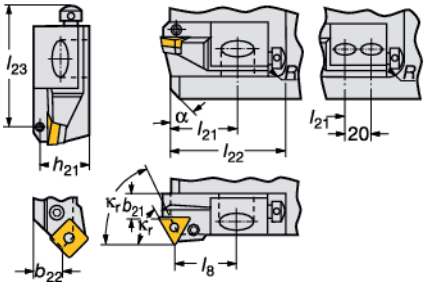
$$x_a=\frac{D_{m1}}{2}-f_1$$

$$D_{1b\,max}=2\sqrt{h_1{}^2+(l_{22}-/(+)\,x_b)^2}$$

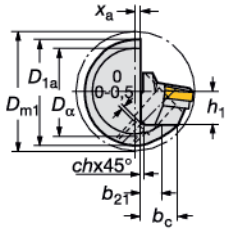
$$x_b=l_1-\frac{D_{m2}}{2}$$

$$tg\,\alpha=\frac{(b_c-b_{21})\times tg(90°-\kappa_r)\times 2}{D_{1a}-D_\alpha}$$

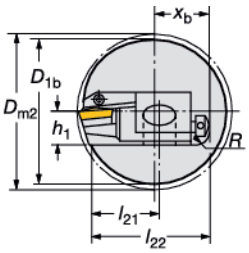
**25CA**




**Montaje axial**

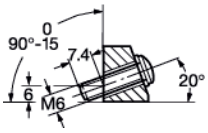
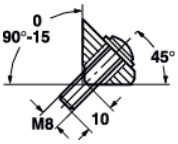
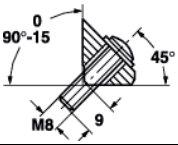
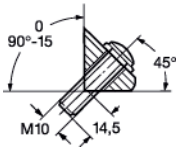



**Montaje radial**




Ajuste axial = ± .039 pulgadas
Ajuste radial = + .020 pulgadas

Ajuste axial = +.020 pulgadas
Ajuste radial = ± .039 pulgadas

| Tamaño de cartucho | Código de cartucho | Dimensiones, pulgadas | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Angulo | $\kappa_r$ | $b_c$ | $b_{21}$ max | $b_{22}$ | $h_1$ | $h_{21}$ | $l_8$ | $l_{21}$ | $l_{22}$ | $l_{23}$ | $D_{m1}$ mín. | $D_{m2}$ mín. | $R$ max | $ch$ max |
| **12CA** | **PTFNR/L 12CA-16** | 0° | 90° | .551 | – | – | .472 | .630 | 1.378 | 1.299 | 2.087 | 1.929 | 1.969 | – | .197 | .016 |
|  | **PTWNR/L 12CA-16** | 30° | 60° | .551 | .138 | – | .472 | .630 | 1.063 | 1.201 | 1.988 | 1.811 | 1.969 | – | .197 | .016 |
|  | **PTSNR/L 12CA-16** | 45° | 45° | .551 | .256 | – | .472 | .630 | 1.063 | 1.319 | 2.106 | 1.929 | 1.969 | – | .197 | .016 |
| | **PTTNR/L 12CA-16** | 30° | 60° | .551 | .413 | – | .472 | .630 | 1.378 | 1.201 | 1.988 | 1.929 | 1.969 | 2.953 | .197 | .016 |
| | **PTGNR/L 12CA-16** | 0° | 90° | .551 | – | – | .472 | .630 | 1.378 | 1.201 | 1.988 | 1.772 | 1.969 | 2.953 | .197 | .016 |
| | **PSKNR/L 12CA-12** | 15° | 75° | .551 | .039 | – | .472 | .630 | 1.378 | 1.437 | 2.224 | 2.047 | 1.969 | – | .197 | .016 |
| | **PSSNR/L 12CA-12** | 45° | 45° | .551 | – | .354 | .472 | .630 | 1.063 | 1.260 | 2.047 | 1.594 | 1.969 | – | .197 | .016 |
| **16CA** | **DTFNR/L 16CA-16** | 0° | 90° | .728 | – | – | .630 | .846 | 1.535 | 1.476 | 2.402 | 2.283 | 2.165 | – | .236 | .016 |
| | **PTFNR/L 16CA-16** | 0° | 90° | .689 | – | – | .630 | .807 | 1.496 | 1.378 | 2.362 | 2.126 | 2.165 | – | .236 | .016 |
|  | **PTSNR/L 16CA-16** | 45° | 45° | .669 | .453 | – | .630 | .807 | 1.102 | 1.280 | 2.264 | 2.126 | 2.165 | – | .236 | .016 |
|  | **PTGNR/L 16CA-16** | 0° | 90° | .728 | – | – | .630 | .807 | 1.496 | 1.260 | 2.244 | 2.047 | 2.362 | 2.953 | .236 | .016 |
| | **PSKNR/L 16CA-12** | 15° | 75° | .689 | .236 | – | .630 | .807 | 1.496 | 1.516 | 2.500 | 2.165 | 2.165 | – | .236 | .016 |
| | **PSSNR/L 16CA-12** | 45° | 45° | .669 | – | .524 | .630 | .807 | 1.102 | 1.240 | 2.244 | 1.614 | 2.165 | 2.953 | .236 | .016 |
| | **PSRNR/L 16CA-12** | 15° | 75° | .748 | – | – | .630 | .807 | 1.496 | 1.083 | 2.067 | 2.008 | 2.362 | 2.953 | .236 | .016 |
| | **PCLNR/L 16CA-12** | -5° | 95° | .689 | – | – | .630 | .807 | 1.496 | 1.260 | 2.244 | 2.126 | 2.165 | 2.953 | .236 | .016 |
| | **PCFNR/L 16CA-12** | 0° | 90° | .689 | – | – | .630 | .807 | 1.496 | 1.339 | 2.323 | 2.165 | 2.165 | – | .236 | .016 |
| | **PCGNR/L 16CA-12** | 0° | 90° | .728 | – | – | .630 | .807 | 1.496 | 1.201 | 2.185 | 2.047 | 2.362 | 2.953 | .236 | .016 |
| | **MWLNR/L 16CA-06** | -5° | 95° | .701 | – | – | .630 | .787 | 1.535 | 1.315 | 2.260 | 1.516 | 2.165 | 2.953 | .236 | .016 |
| **20CA** | **DWLNR/L 20CA-08** | -5° | 95° | .728 | – | – | .787 | 1.063 | 1.575 | 1.378 | 2.559 | 2.283 | 2.756 | 3.543 | .236 | .016 |
| | **PTFNR/L 20CA-22** | 0° | 90° | .610 | – | – | .787 | .984 | 1.575 | 1.457 | 2.638 | 2.402 | 2.756 | – | .236 | .016 |
|  | **PTSNR/L 20CA-22** | 45° | 45° | .610 | .272 | – | .787 | .984 | 1.181 | 1.457 | 2.638 | 2.441 | 2.756 | – | .236 | .016 |
|  | **PTGNR/L 20CA-22** | 0° | 90° | .630 | – | – | .787 | .984 | 1.575 | 1.280 | 2.461 | 2.232 | 2.756 | 3.543 | .236 | .016 |
| | **PSKNR/L 20CA-15** | 15° | 75° | .650 | .051 | – | .787 | .984 | 1.575 | 1.614 | 2.795 | 2.638 | 2.756 | – | .236 | .016 |
| | **PSSNR/L 20CA-15** | 45° | 45° | .610 | – | .402 | .787 | .984 | 1.181 | 1.378 | 2.559 | 2.047 | 2.756 | – | .236 | .016 |
| | **PSRNR/L 20CA-15** | 15° | 75° | .709 | – | – | .787 | .984 | 1.575 | 1.299 | 2.480 | 2.362 | 2.756 | 3.543 | .236 | .016 |
| **25CA** | **DCLNR/L 25 CA-12** | -5° | 95° | .957 | – | – | .984 | 1.299 | 1.969 | 1.716 | 3.681 | 3.681 | 3.937 | 4.528 | .315 | .028 |
| | **DCLNR/L 25 CA-16** | -5° | 95° | .957 | – | – | .984 | 1.299 | 1.969 | 1.716 | 3.681 | 3.681 | 3.937 | 4.528 | .315 | .028 |
|  | **DSKNR/L 25CA-12** | -5° | 95° | .957 | – | – | .984 | 1.181 | 1.969 | 2.031 | 4.000 | 3.799 | 3.937 | – | .315 | .028 |
|  | **PCLNR/L 25CA-19** | -5° | 95° | .886 | – | – | .984 | 1.260 | 1.969 | 1.634 | 3.602 | 3.465 | 3.937 | 4.528 | .315 | .028 |
| | **MWLNR/L 25CA-08** | -5° | 95° | .917 | – | – | .984 | 1.181 | 1.969 | 1.665 | 3.634 | 2.677 | 3.937 | 4.528 | .315 | .028 |

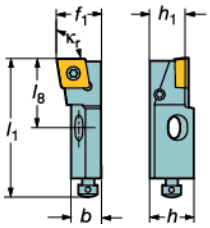
# Cartuchos

## Diseño de sujeción por tornillo CoroTurn® 107

**SCFCR/L**

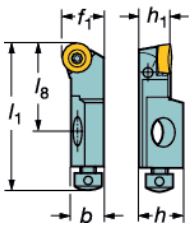
Ángulo de posición: $\kappa_r$ 90°
Ángulo de ataque: 0°

CCMT, CCGT
CCGX, CCET
CCMW

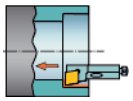


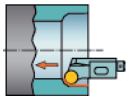

**SRSCR/L**

RCMT
RCGX-AL




A derechas en la ilustración

| Aplicación principal | □ | iC | Código de pedido | Dimensions, mm, inch b | $D_{m1}$ mín. | $f_1$ | h | $h_1$ | $l_1$ | $l_8$ | γ1) | λs2) | Gauge insert ISO | ANSI | Nm3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 06 | 1/4 | **SCFCR/L 08CA-06** | 8 | 25 | 10 | 10 | 8 | 32 | 15 | 0° | -6° | CCMT 06 02 04 | CCMT 2(1.5)1 | 0.9 |
| | | | | *.315* | *.984* | *.394* | *.394* | *.315* | *1.260* | *.591* | | | | | |
| | 09 | 3/8 | **SCFCR/L 10CA-09** | 11 | 40 | 14 | 15 | 10 | 50 | 30 | 0° | -3° | CCMT 09 T3 08 | CCMT 3(2.5)2 | 3.0 |
| | | | | *.433* | *1.575* | *.551* | *.591* | *.394* | *1.968* | *1.181* | | | | | |
| | | | **SCFCR/L 12CA-09** | 15 | 50 | 20 | 20 | 12 | 55 | 35 | 0° | -3° | CCMT 09 T3 08 | CCMT 3(2.5)2 | 3.0 |
| | | | | *.591* | *1.968* | *.787* | *.787* | *.472* | *2.165* | *1.378* | | | | | |

| Aplicación principal | ○ | iC | Código de pedido | Dimensions, mm, inch b | $D_{m1}$ mín. | $f_1$ | h | $h_1$ | $l_1$ | $l_8$ | γ1) | λs2) | Gauge insert ISO | Nm3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 06 | .236 | **SRSCR/L 06CA-06** | 6.1 | 20 | 8 | 8.5 | 6 | 25 | 13 | 0° | -5° | RCMT 06 02 M0 | 0.9 |
| | | | | *.240* | *.787* | *.315* | *.335* | *.236* | *.984* | *.512* | | | | |
| | 08 | .315 | **SRSCR/L 08CA-08** | 7 | 25 | 10 | 10 | 8 | 32 | 26 | 0° | -5° | RCMT 08 03 M0 | 1.4 |
| | | | | *.276* | *.984* | *.394* | *.394* | *.315* | *1.260* | *1.024* | | | | |
| | 10 | .394 | **SRSCR/L 10CA-10** | 11.3 | 40 | 14 | 14.9 | 10 | 50 | 30 | 0° | -5° | RCMT 10 T3 M0 | 3.0 |
| | | | | *.445* | *1.575* | *.551* | *.587* | *.394* | *1.968* | *1.181* | | | | |

1) γ = Ángulo de desprendimiento.
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm

R = A Derecha, L = A Izquierda

Dimensiones de montaje, véase la página A346

Dimensiones de la plaquita maestra con $r_\varepsilon$. Para otros radios de punta, véase la página A348.

## Piezas de repuesto principales

| Tamaño de plaquita CCM. □ | iC | $h_1$ mm | pulgadas | RCM. ○ | iC | Tornillo de plaquita | Placa de apoyo | Tornillo de la placa de apoyo | Llave (Torx Plus) |
|---|---|---|---|---|---|---|---|---|---|
| 06 | 1/4 | 8 | .315 | | | 5513 020-03 | | | 5680 051-02 (7IP) |
| 09 | 3/8 | 10 | .394 | | | 5513 020-09 | | | 5680 049-01 (15IP) |
| 09 | 3/8 | 12 | .472 | | | 5513 020-09 | | | 5680 049-01 (15IP) |
| | | | | 06 | .236 | 5513 020-03 | - | - | 5680 051-02 (7IP) |
| | | | | 08 | .315 | 5513 020-04 | - | - | 5680 051-03 (9IP) |
| | | | | 10 | .394 | 5513 020-09 | 5322 110-01 | 5512 090-01 | 5680 049-01 (15IP) |

A9
A408
A2



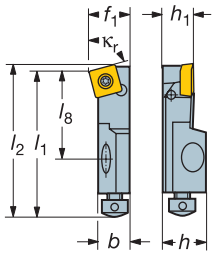
SANDVIK Coromant

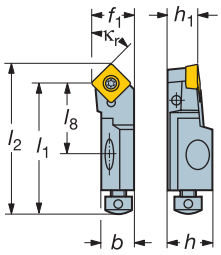
# Cartuchos

## Diseño de sujeción por tornillo CoroTurn® 107

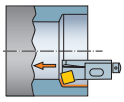
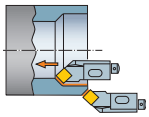
| | SSKCR/L | SSSCR/L |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 75° | $\kappa_r$ 45° |
| Ángulo de ataque: | 15° | 45° |

SCMT, SCGX
SCMW




A derechas en la ilustración

| Aplicación principal | □ | iC | Código de pedido | Dimensiones, mm, pulgadas b | $D_{m1}$ mín. | $f_1$ | h | $h_1$ | $l_1$ | $l_2$ | $l_8$ | $\gamma^{1)}$ | $\lambda s^{2)}$ | Calibre de placa ISO | ANSI | Nm3) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 09 | 3/8 | **SSKCR/L 10CA-09-M** | 11 | 40 | 14 | 15 | 10 | 50 | 52.2 | 30 | 0° | -4° | SCMT 09 T3 08 | SCMT 3(2.5)2 | 3.0 |
| | | | | *.433* | *1.575* | *.551* | *.591* | *.394* | *1.968* | *2.055* | *1.181* | | | | | |
| | 12 | 1/2 | **SSKCR/L 12CA-12** | 15 | 50 | 20 | 20 | 12 | 55 | 58.1 | 35 | 0° | -4° | SCMT 12 04 08 | SCMT 432 | 3.9 |
| | | | | *.591* | *1.968* | *.787* | *.787* | *.472* | *2.165* | *2.287* | *1.378* | | | | | |
| | | | **SSKCR/L 16CA-12** | 20 | 55 | 25 | 21 | 16 | 63 | 66.1 | 38 | 0° | -7° | SCMT 12 04 08 | SCMT 432 | 3.9 |
| | | | | *.787* | *2.165* | *.984* | *.827* | *.630* | *2.480* | *2.602* | *1.496* | | | | | |
|  | 09 | 3/8 | **SSSCR/L 10CA-09-M** | 11 | 40 | 14 | 15 | 10 | 44 | 50.1 | 24.5 | -5° | 0° | SCMT 09 T3 08 | SCMT 3(2.5)2 | 3.0 |
| | | | | *.433* | *1.575* | *.551* | *.591* | *.394* | *1.732* | *1.972* | *.965* | | | | | |
| | 12 | 1/2 | **SSSCR/L 12CA-12** | 15 | 50 | 20 | 20 | 12 | 47 | 55.3 | 27 | -5° | 0° | SCMT 12 04 08 | SCMT 432 | 3.9 |
| | | | | *.591* | *1.968* | *.787* | *.787* | *.472* | *1.850* | *2.177* | *1.063* | | | | | |

1) $\gamma$ = Ángulo de desprendimiento.
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm

R = A Derecha, L = A Izquierda

Dimensiones de montaje, véase la página A346

Dimensiones de la plaquita maestra con $r_\varepsilon$. Para otros radios de punta, véase la página A348.

## Piezas de repuesto principales

| Tamaño de plaquita □ | iC | Tornillo de plaquita | Placa de apoyo | Tornillo de la placa de apoyo | Llave (Torx Plus) |
|---|---|---|---|---|---|
| 09 | 3/8 | 5513 020-09 | - | - | 55680 049-01 (15IP) |
| 12 | 1/2 | 5513 020-17 | - | - | 5680 049-02 (15IP) |
| 12[1)] | 1/2[1)] | 5513 020-18 | 5322 420-02 | 5512 090-03 | 5680 049-02 (15IP) |

1) Sólo para SSKCR/L

A9
A408
A2

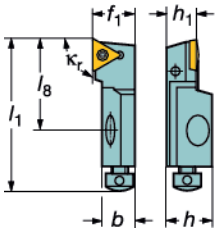
# Cartuchos

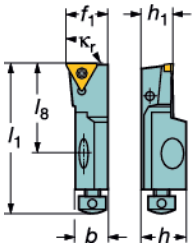
## Diseño de sujeción por tornillo CoroTurn® 107

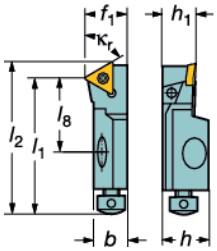
| | STGCR/L | STFCR/L | STWCR/L |
|---|---|---|---|
| Ángulo de posición: | $\kappa_r$ 90° | $\kappa_r$ 90° | $\kappa r$ 30° |
| Ángulo de ataque: | 0° | 0° | 60° |

TCMT, TCMX, TCGT, TCGX TCEX

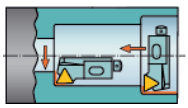
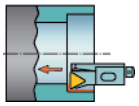
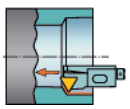
TCMW




A derechas en la ilustración

| Aplicación principal | △ | iC | Código de pedido[4] | Dimensiones, mm, pulgadas b | $D_{m1}$ mín. | $D_{m2}$ mín | $f_1$ | h | $h_1$ | $l_1$ | $l_2$ | $l_8$ | γ[1] | $\lambda s$[2] | Calibre de placa ISO | ANSI | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 06 | 5/32 | STGCR/L 06CA-06 | 6 | 20 | 30 | 8 | 8.5 | 6 | 25 | | 13 | - | 0° | TCMT 06 T1 02 | TCMT 1.2(1.2)0 | 0.6 |
| | | | | *.236* | *.787* | *1.181* | *.315* | *.335* | *.236* | *.984* | | *.512* | | | | | |
| | 09 | 7/32 | STGCR/L 08CA-09 | 8 | 25 | 37 | 10 | 10 | 8 | 32 | | 15 | -8° | 0° | TCMT 09 02 04 | TCMT 1.8(1.5)1 | 0.9 |
| | | | | *.315* | *.984* | *1.457* | *.394* | *.394* | *.315* | *1.260* | | *.591* | | | | | |
| | 11 | 1/4 | STGCR/L 10CA-11 | 11 | 40 | 55 | 14 | 15 | 10 | 50 | | 30 | -3° | 0° | TCMT 11 02 04 | TCMT 2(1.5)1 | 0.9 |
| | | | | *.433* | *1.575* | *2.165* | *.551* | *.591* | *.394* | *1.968* | | *1.181* | | | | | |
| | 11 | 1/4 | STGCR/L 10CA-11-B1[4] | 11 | 40 | 55 | 14 | 15 | 10 | 50 | | 30 | -3° | 0° | TCMT 11 03 04 | TCMT 221 | 0.9 |
| | | | | *.433* | *1.575* | *2.165* | *.551* | *.591* | *.394* | *1.968* | | *1.181* | | | | | |
| | 16 | 3/8 | STGCR/L 12CA-16-M | 15 | 50 | 75 | 20 | 20 | 12 | 55 | | 35 | -3° | 0° | TCMT 16 T3 08 | TCMT 3(2.5)2 | 3.0 |
| | | | | *.591* | *1.968* | *2.953* | *.787* | *.787* | *.472* | *2.165* | | *1.378* | | | | | |
| | | | STGCR/L 16CA-16 | 20 | 60 | 75 | 25 | 21 | 16 | 63 | | 38 | -5° | -3° | TCMT 16 T3 08 | TCMT 3(2.5)2 | 3.0 |
| | | | | *.787* | *2.362* | *2.953* | *.984* | *.827* | *.630* | *2.480* | | *1.496* | | | | | |
|  | 06 | 5/32 | STFCR/L 06CA-06 | 6 | 20 | | 8 | 8.5 | 6 | 25 | | 13 | 0° | -6° | TCMT 06 T1 02 | TCMT 1.2(1.2)0 | 0.6 |
| | | | | *.236* | *.787* | | *.315* | *.335* | *.236* | *.984* | | *.512* | | | | | |
| | 09 | 7/32 | STFCR/L 08CA-09 | 8 | 25 | | 10 | 10 | 8 | 32 | | 15 | 0° | -6° | TCMT 09 02 04 | TCMT 1.8(1.5)1 | 0.9 |
| | | | | *.315* | *.984* | | *.394* | *.394* | *.315* | *1.260* | | *.591* | | | | | |
| | 11 | 1/4 | STFCR/L 10CA-11 | 11 | 40 | | 14 | 15 | 10 | 50 | | 30 | 0° | -3° | TCMT 11 02 04 | TCMT 2(1.5)1 | 0.9 |
| | | | | *.433* | *1.575* | | *.551* | *.591* | *.394* | *1.968* | | *1.181* | | | | | |
| | 11 | 1/4 | STFCR/L 10CA-11-B1[4] | 11 | 40 | | 14 | 15 | 10 | 50 | | 30 | 0° | -3° | TCMT 11 03 04 | TCMT 221 | 0.9 |
| | | | | *.433* | *1.575* | | *.551* | *.591* | *.394* | *1.968* | | *1.181* | | | | | |
| | 16 | 3/8 | STFCR/L 12CA-16-M | 15 | 50 | | 20 | 20 | 12 | 55 | | 35 | 0° | -3° | TCMT 16 T3 08 | TCMT 3(2.5)2 | 3.0 |
| | | | | *.591* | *1.968* | | *.787* | *.787* | *.472* | *2.165* | | *1.378* | | | | | |
| | | | STFCR/L 16CA-16 | 20 | 55 | | 25 | 21 | 16 | 63 | | 38 | 0° | -6° | TCMT 16 T3 08 | TCMT 3(2.5)2 | 3.0 |
| | | | | *.787* | *2.165* | | *.984* | *.827* | *.630* | *2.480* | | *1.496* | | | | | |
|  | 06 | 5/32 | STWCR/L 06CA-06 | 6 | 20 | | 8 | 8.5 | 6 | 21 | 24.2 | 9 | -3° | -2° | TCMT 06 T1 02 | TCMT 1.2(1.2)0 | 0.6 |
| | | | | *.236* | *.787* | | *.315* | *.335* | *.236* | *.827* | *.953* | *.354* | | | | | |
| | 09 | 7/32 | STWCR/L 08CA-09 | 8 | 25 | | 10 | 10 | 8 | 28 | 32.3 | 11 | -4° | -4° | TCMT 09 02 04 | TCMT 1.8(1.5)1 | 0.9 |
| | | | | *.315* | *.984* | | *.394* | *.394* | *.315* | *1.102* | *1.272* | *.433* | | | | | |
| | 11 | 1/4 | STWCR/L 10CA-11 | 11 | 40 | | 14 | 15 | 10 | 44 | 49 | 24 | 0° | -4° | TCMT 11 02 04 | TCMT 2(1.5)1 | 0.9 |
| | | | | *.433* | *1.575* | | *.551* | *.591* | *.394* | *1.732* | *1.929* | *.945* | | | | | |
| | 11 | 1/4 | STWCR/L 10CA-11-B1[4] | 11 | 40 | | 14 | 15 | 10 | 44 | 49 | 24 | 0° | -4° | TCMT 11 03 04 | TCMT 221 | 0.9 |
| | | | | *.433* | *1.575* | | *.551* | *.591* | *.394* | *1.732* | *1.929* | *.945* | | | | | |
| | 16 | 3/8 | STWCR/L 12CA-16-M | 15 | 50 | | 20 | 20 | 12 | 47 | 54.4 | 28 | -5° | 0° | TCMT 16 T3 08 | TCMT 3(2.5)2 | 3.0 |
| | | | | *.591* | *1.968* | | *.787* | *.787* | *.472* | *1.850* | *2.142* | *1.102* | | | | | |

1) γ = Ángulo de desprendimiento.
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) B1 al final del código de pedido = para plaquitas con espesor 03 = 3.18 mm (2 = 1/8").

R = A Derecha, L = A Izquierda

Dimensiones de montaje, véase la página A346

Dimensiones de la plaquita maestra con $r_\varepsilon$. Para otros radios de punta, véase la página A348.

## Piezas de repuesto principales

| Tamaño de plaquita △ | iC | $h_1$ mm | pulgadas | Tornillo de plaquita | Placa de apoyo | Tornillo de la placa de apoyo | Llave (Torx Plus) |
|---|---|---|---|---|---|---|---|
| 06 | 5/32 | 6 | .236 | 5513 020-27 | - | - | 5680 051-01 (6IP) |
| 09 | 7/32 | 8 | .315 | 5513 020-05 | - | - | 5680 051-02 (7IP) |
| 11 | 1/4 | 10 | .394 | 5513 020-03 | - | - | 5680 051-02 (7IP) |
| 16 | 3/8 | 12 | .472 | 5513 020-10 | - | - | 5680 049-01 (15IP) |
| 16 | 3/8 | 16 | .630 | 5513 020-01 | 5322 320-01 | 5512 090-01 | 5680 049-01 (15IP) |

A9

A408

A2



SANDVIK Coromant

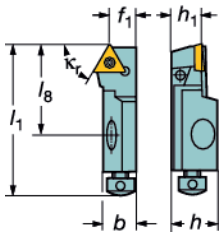
# Cartuchos

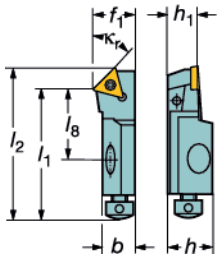
## Diseño de sujeción por tornillo CoroTurn® 107

| | STTCR/L | STSCR/L |
|---|---|---|
| Ángulo de posición: | $\kappa_r$ 60° | $\kappa_r$ 45° |
| Ángulo de ataque: | 30° | 45° |

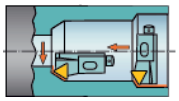
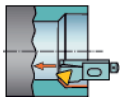
TCMT, TCMX, TCGT, TCGX TCEX

TCMW




A derechas en la ilustración

| Aplicación principal | △ | iC | Código de pedido[4] | Dimensiones, mm, pulgadas b | $D_{m1}$ mín. | $D_{m2}$ mín | $f_1$ | h | $h_1$ | $l_1$ | $l_2$ | $l_8$ | $\gamma$[1] | $\lambda s$[2] | Calibre de placa ISO | ANSI | Nm[3] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 06 | 5/32 | STTCR/L 06CA-06 | 6 | 20 | 30 | 5.5 | 8.5 | 6 | 25 | | 13 | -9° | 0° | TCMT 06 T1 02 | TCMT 1.2(1.2)0 | 0.6 |
| | | | | *.236* | *.787* | *1.181* | *.216* | *.335* | *.236* | *.984* | | *.512* | | | | | |
| | 09 | 7/32 | STTCR/L 08CA-09 | 8 | 25 | 37 | 6 | 10 | 8 | 32 | | 15 | -8° | 0° | TCMT 09 02 04 | TCMT 1.8(1.5)1 | 0.9 |
| | | | | *.315* | *.984* | *1.457* | *.236* | *.394* | *.315* | *1.260* | | *.591* | | | | | |
| | 11 | 1/4 | STTCR/L 10CA-11 | 11 | 40 | 55 | 9 | 15 | 10 | 50 | | 30 | -5° | 0° | TCMT 11 02 04 | TCMT 2(1.5)1 | 0.9 |
| | | | | *.433* | *1.575* | *2.165* | *.354* | *.591* | *.394* | *1.968* | | *1.181* | | | | | |
| | 11 | 1/4 | STTCR/L 10CA-11-B1[4] | 11 | 40 | 55 | 9 | 15 | 10 | 50 | | 30 | -5° | 0° | TCMT 11 03 04 | TCMT 221 | 0.9 |
| | | | | *.433* | *1.575* | *2.165* | *.354* | *.591* | *.394* | *1.968* | | *1.181* | | | | | |
| | 16 | 3/8 | STTCR 12CA-16-M | 15 | 50 | 75 | 13 | 20 | 12 | 55 | | 35 | -3° | 0° | TCMT 16 T3 08 | TCMT 3(2.5)2 | 3.0 |
| | | | | *.591* | *1.968* | *2.953* | *.512* | *.787* | *.472* | *2.165* | | *1.378* | | | | | |
| | | | STTCR/L 16CA-16 | 20 | 60 | 75 | 15 | 21 | 16 | 63 | | 38 | -5° | 0° | TCMT 16 T3 08 | TCMT 3(2.5)2 | 3.0 |
| | | | | *.787* | *2.362* | *2.953* | *.591* | *.827* | *.630* | *2.480* | | *1.496* | | | | | |
|  | 06 | 5/32 | STSCR/L 06CA-06 | 6 | 20 | | 8 | 8.5 | 6 | 21 | 25.5 | 9 | -6° | 0° | TCMT 06 T1 02 | TCMT 1.2(1.2)0 | 0.6 |
| | | | | *.236* | *.787* | | *.315* | *.335* | *.236* | *.827* | *1.004* | *.354* | | | | | |
| | 09 | 7/32 | STSCR/L 08CA-09 | 8 | 25 | | 10 | 10 | 8 | 28 | 34.1 | 11 | -6° | 0° | TCMT 09 02 04 | TCMT 1.8(1.5)1 | 0.9 |
| | | | | *.315* | *.984* | | *.394* | *.394* | *.315* | *1.102* | *1.342* | *.433* | | | | | |
| | 11 | 1/4 | STSCR/L 10CA-11 | 11 | 40 | | 14 | 15 | 10 | 44 | 51 | 24 | -4° | 0° | TCMT 11 02 04 | TCMT 2(1.5)1 | 0.9 |
| | | | | *.433* | *1.575* | | *.551* | *.591* | *.394* | *1.732* | *2.008* | *.945* | | | | | |
| | 11 | 1/4 | STSCR/L 10CA-11-B1[4] | 11 | 40 | | 14 | 15 | 10 | 44 | 51 | 24 | -4° | 0° | TCMT 11 03 04 | TCMT 221 | 0.9 |
| | | | | *.433* | *1.575* | | *.551* | *.591* | *.394* | *1.732* | *2.008* | *.945* | | | | | |
| | 16 | 3/8 | STSCR/L 12CA-16-M | 15 | 50 | | 20 | 20 | 12 | 47 | 57.2 | 27 | -5° | 0° | TCMT 16 T3 08 | TCMT 3(2.5)2 | 3.0 |
| | | | | *.591* | *1.968* | | *.787* | *.787* | *.472* | *1.850* | *2.252* | *1.063* | | | | | |
| | | | STSCR/L 16CA-16 | 20 | 55 | | 25 | 21 | 16 | 53 | 63.2 | 28 | -6° | -3° | TCMT 16 T3 08 | TCMT 3(2.5)2 | 3.0 |
| | | | | *.787* | *2.165* | | *.984* | *.827* | *.630* | *2.087* | *2.488* | *1.102* | | | | | |

1) $\gamma$ = Ángulo de desprendimiento.
2) $\lambda_s$ = Ángulo de inclinación
3) Par torsor de la plaquita Nm
4) B1 al final del código de pedido = para plaquitas con espesor 03 = 3.18 mm (2 = 1/8").

R = A Derecha, L = A Izquierda

Dimensiones de montaje, véase la página A346

Dimensiones de la plaquita maestra con $r_\varepsilon$. Para otros radios de punta, véase la página A348.

### Piezas de repuesto principales

| Tamaño de plaquita △ | iC | $h_1$ mm | pulgadas | Tornillo de plaquita | Placa de apoyo | Tornillo de la placa de apoyo | Llave (Torx Plus) |
|---|---|---|---|---|---|---|---|
| 06 | 5/32 | 6 | .236 | 5513 020-27 | - | - | 5680 051-01 (6IP) |
| 09 | 7/32 | 8 | .315 | 5513 020-05 | - | - | 5680 051-02 (7IP) |
| 11 | 1/4 | 10 | .394 | 5513 020-03 | - | - | 5680 051-02 (7IP) |
| 16 | 3/8 | 12 | .472 | 5513 020-10 | - | - | 5680 049-01 (15IP) |
| 16 | 3/8 | 16 | .630 | 5513 020-01 | 5322 320-01 | 5512 090-01 | 5680 049-01 (15IP) |

A9

A408

A2

# Dimensiones de montaje de los cartuchos CoroTurn® 107

## Dimensiones métricas

### Cálculo de las dimensiones $D_{1a}$, $D\alpha$ y $D_{1b}$

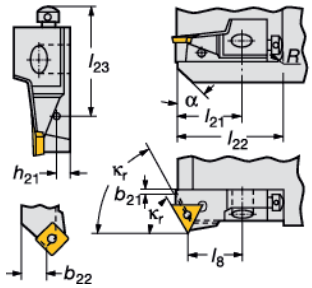
$$D_{1a\,max}=2\sqrt{h_1{}^2+(b_{c\,max}+/(-)x_a)^2}$$

$$D_{\alpha\,max}=2\sqrt{h_1{}^2+(b_{21\,max}+/(-)x)^2}$$

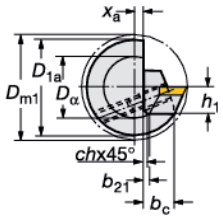
$$x_a=\frac{D_{m1}}{2}-f_1$$

$$D_{1b\,max}=2\sqrt{h_1{}^2+(l_{22}-/(+)x_b)^2}$$

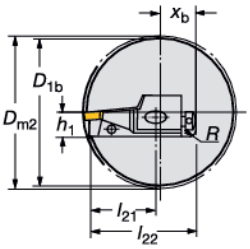
$$x_b=l_1-\frac{D_{m2}}{2}$$




**Montaje axial**




**Montaje radial**

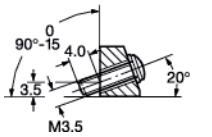


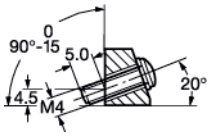

$$tg\alpha=\frac{(b_c-b_{21})\times tg(90°-\kappa_r)\times 2}{D_{1a}-D_\alpha}$$

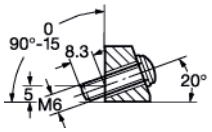
Ajuste axial = ±1 mm
Ajuste radial = +0.5 mm

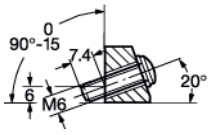
Ajuste axial = +0,5 mm
Ajuste radial = ±1 mm

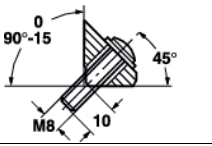
| Tamaño de cartucho | Código de cartucho | Dimensiones, mm | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ángulo de posición $K_r$ | $b_c$ max | $b_{21}$ max | $b_{22}$ | $h_1$ | $h_{21}$ | $l_8$ | $l_{21}$ | $l_{22}$ | $l_{23}$ | $D_{m1}$ mín. | $D_{m2}$ mín. | $R$ max | $ch$ max |
| **06CA** | SRSCR/L 06CA-06 | – | 5.5 | – | – | 6 | 1.9 | – | 11.5 | 23.5 | 18.0 | 20 | – | – | – |
| | STFCR/L 06CA-06 | 90° | 5.5 | – | | 6 | 1.9 | 13 | 12.0 | 24.0 | 18.0 | 20 | – | 1.5 | 0.3 |
| | STWCR/L 06CA-06 | 60° | 5.5 | 1.2 | | 6 | 1.9 | 9 | 10.5 | 22.5 | 18.0 | 20 | – | 1.5 | 0.3 |
| | STSCR/L 06CA-06 | 45° | 5.0 | 2.5 | – | 6 | 2.2 | 9 | 11.0 | 23.0 | 17.5 | 20 | – | 1.5 | 0.3 |
| | STTCR/L 06CA-06 | 60° | 5.0 | 3.4 | | 6 | 2.2 | 13 | 11.0 | 23.0 | 17.5 | 20 | 30 | 1.5 | 0.3 |
| | STGCR/L 06CA-06 | 90° | 5.0 | – | | 6 | 2.2 | 13 | 11.0 | 23.0 | 17.5 | 20 | 30 | 1.5 | 0.3 |
| **08CA** | SCFCR/L 08CA-06 | 90° | 6.0 | – | – | 8 | 2.2 | 15 | 13.5 | 30.5 | 24.2 | 25 | | 1.5 | 0.3 |
| | SRSCR/L 08CA-08 | – | 6.5 | – | – | 8 | 2.2 | – | 12.7 | 29.7 | 24.2 | 25 | – | – | – |
| | STFCR/L 08CA-09 | 90° | 6.5 | – | | 8 | 2.2 | 15 | 13.5 | 30.5 | 24.2 | 25 | – | 2.5 | 0.3 |
| | STWCR/L 08CA-09 | 60° | 6.5 | 0.8 | | 8 | 2.2 | 11 | 13.0 | 30.0 | 24.2 | 25 | – | 2.5 | 0.3 |
| | STSCR/L 08CA-09 | 45° | 6.0 | 2.4 | – | 8 | 2.5 | 11 | 13.5 | 30.5 | 21.5 | 25 | – | 2.5 | 0.3 |
| | STTCR/L 08CA-09 | 60° | 6.0 | 2.7 | | 8 | 2.5 | 15 | 12.2 | 29.2 | 21.5 | 25 | 37 | 2.5 | 0.3 |
| | STGCR/L 08CA-09 | 90° | 6.0 | – | | 8 | 2.5 | 11 | 12.2 | 29.2 | 21.5 | 25 | 37 | 2.5 | 0.3 |
| **10CA** | SCFCR/L 10CA-09 | 90° | 9.0 | – | – | 10 | 3.0 | 30 | 27.5 | 47.5 | 39.5 | 40 | | 2.5 | 0.3 |
| | SRSCR/L 10CA-10 | – | 10.6 | – | – | 10 | 3.0 | – | 28.0 | 48.0 | 39.5 | 40 | – | – | – |
| | STFCR/L 10CA-11 | 90° | 10.6 | – | – | 10 | 3.0 | 30 | 27.5 | 47.5 | 39.5 | 40 | – | 4.0 | 0.4 |
| | STWCR/L 10CA-11 | 60° | 10.6 | 1.2 | – | 10 | 3.0 | 24 | 27.0 | 47.0 | 39.5 | 40 | – | 4.0 | 0.4 |
| | STSCR/L 10CA-11 | 45° | 9.0 | 3.0 | – | 10 | 3.0 | 24 | 29.0 | 49.0 | 39.5 | 40[1)] | – | 4.0 | 0.4 |
| | STTCR/L 10CA-11 | 60° | 9.0 | 6.1 | – | 10 | 3.0 | 30 | 28.0 | 48.0 | 39.5 | 40[1)] | 55 | 4.0 | 0.4 |
| | STGCR/L 10CA-11 | 90° | 9.0 | – | – | 10 | 3.0 | 30 | 26.5 | 46.5 | 39.5 | 40[1)] | 55 | 4.0 | 0.4 |
| | STFCR/L 10CA-11-B1 | 90° | 9.0 | – | – | 10 | 3.0 | 30 | 27.5 | 47.5 | 39.5 | 40[1)] | – | 4.0 | 0.4 |
| | STWCR/L 10CA-11-B1 | 60° | 9.0 | 1.2 | – | 10 | 3.0 | 24 | 27.0 | 47.0 | 39.5 | 40[1)] | – | 4.0 | 0.4 |
| | STSCR/L 10CA-11-B1 | 45° | 9.0 | 3.0 | – | 10 | 3.0 | 24 | 29.0 | 49.0 | 39.5 | 40[1)] | – | 4.0 | 0.4 |
| | STTCR/L 10CA-11-B1 | 60° | 9.0 | 6.1 | – | 10 | 3.0 | 30 | 28.0 | 48.0 | 39.5 | 40[1)] | 55 | 4.0 | 0.4 |
| | STGCR/L 10CA-11-B1 | 90° | 9.0 | – | – | 10 | 3.0 | 30 | 26.5 | 46.5 | 39.5 | 40[1)] | 55 | 4.0 | 0.4 |
| | SSKCR/L 10CA-09-M | 75° | 9.0 | 0.9 | – | 10 | 3.0 | 30 | 30.5 | 50.5 | 41.5 | 40[1)] | – | 4.0 | 0.4 |
| | SSSCR/L 10CA-09-M | 45° | 9.0 | – | 6.00 | 10 | 3.0 | 24 | 27.0 | 47.0 | 38.0 | 40[1)] | – | 4.0 | 0.4 |
| **12CA** | SCFCR/L 12CA-09 | 90° | 13.0 | – | – | 12 | 5.0 | 35 | 33.0 | 53.0 | 40.0 | 50 | | 4.0 | 0.4 |
| | STFCR/L 12CA-16-M | 90° | 13.0 | – | – | 12 | 5.0 | 35 | 33.2 | 53.2 | 40.0 | | – | 4.0 | 0.4 |
| | STWCR/L 12CA-16-M | 60° | 13.0 | 4.2 | – | 12 | 5.0 | 27 | 32.0 | 52.0 | 40.0 | | – | 4.0 | 0.4 |
| | STSCR/L 12CA-16-M | 45° | 13.0 | 5.4 | – | 12 | 5.0 | 27 | 35.0 | 55.0 | 43.0 | 50 | – | 5.0 | 0.4 |
| | STTCR/L 12CA-16-M | 60° | 13.0 | 9.8 | – | 12 | 5.0 | 35 | 33.0 | 53.0 | 40.0 | | 75 | 5.0 | 0.4 |
| | STGCR/L 12CA-16-M | 90° | 15.0 | – | – | 12 | 5.0 | 35 | 31.0 | 51.0 | 40.0 | | 75 | 5.0 | 0.4 |
| | SSKCR/L 12CA-12 | 75° | 13.5 | 3.1 | – | 12 | 5.0 | 35 | 36.0 | 56.0 | 40.0 | 50 | – | 5.0 | 0.4 |
| | SSSCR/L 12CA-12 | 45° | 13.0 | – | 9.40 | 12 | 5.0 | 27 | 31.5 | 51.5 | 39.0 | | 75 | 5.0 | 0.4 |
| **16CA** | STFCR/L 16CA-16 | 90° | 17.0 | – | – | | | 38 | 36.0 | 61.0 | 52.0 | 55 | – | 5.0 | 0.4 |
| | STSCR/L 16CA-16 | 45° | 16.5 | 7.1 | – | 16 | 5.0 | 28 | 35.5 | 60.5 | 48.0 | 55 | – | 6.0 | 0.4 |
| | STTCR/L 16CA-16 | 60° | 17.5 | 11.5 | – | 16 | 5.0 | 38 | 35.5 | 60.5 | 48.0 | 60 | 75 | 6.0 | 0.4 |
| | STGCR/L 16CA-16 | 90° | 18.5 | – | – | 16 | 5.0 | 38 | 32.0 | 57.0 | 48.0 | 60 | 75 | 6.0 | 0.4 |
| | SSKCR/L 16CA-12 | 75° | 16.5 | 6.0 | – | 16 | 5.0 | 38 | 34.0 | 60.0 | 49.0 | 55 | – | 6.0 | 0.4 |



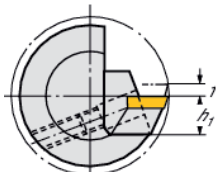




[1)]El diámetro de agujero mínimo según ISO es de 40 mm. Sin embargo, un vez montado el cartucho 1mm por encima del centro, como se muestra en el dibujo, se puede mecanizar un agujero de 32 mm de diámetro.



# Dimensiones de montaje de los cartuchos CoroTurn® 107

**Dimensiones en pulgadas**

**Cálculo de las dimensiones $D_{1a}$, $D\alpha$ y $D_{1b}$**

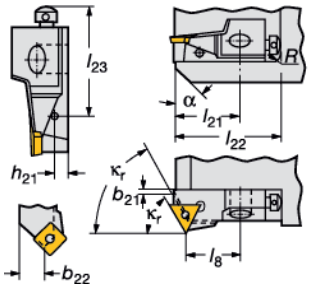
$$D_{1a\,max}=2\sqrt{h_1{}^2+(b_{c\,max}+/(-)x_a)^2}$$

$$D_{\alpha\,max}=2\sqrt{h_1{}^2+(b_{21\,max}+/(-)x)^2}$$

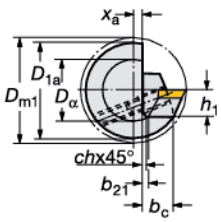
$$x_a=\frac{D_{m1}}{2}-f_1$$

$$D_{1b\,max}=2\sqrt{h_1{}^2+(l_{22}-/(+)\,x_b)^2}$$

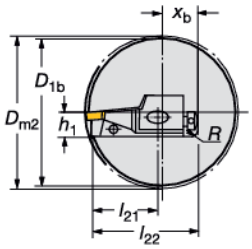
$$x_b=l_1-\frac{D_{m2}}{2}$$




**Montaje axial**




**Montaje radial**



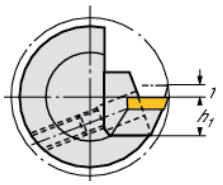

$$tg\,\alpha=\frac{(b_c-b_{21})\times tg(90°-\kappa_r)\times 2}{D_{1a}-D_\alpha}$$

Ajuste axial = ± .039 pulgadas
Ajuste radial = + .020 pulgadas

Ajuste axial = +.020 pulgadas
Ajuste radial = ± .039 pulgadas

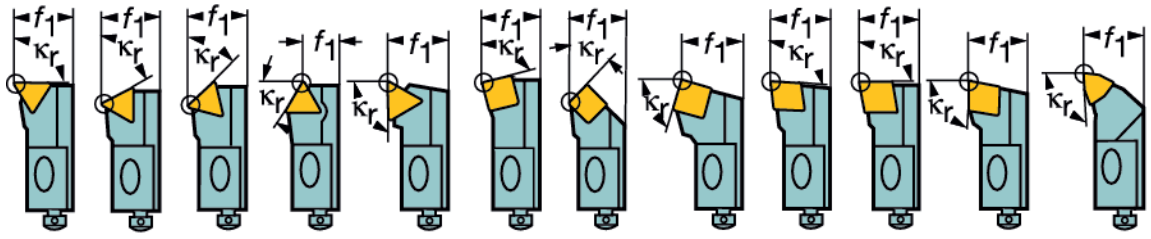
| Tamaño de | Código de cartucho | Dimensiones | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Angulo | $\kappa_r$ | $b_c$ max | $b_{21}$ max | $b_{22}$ | $h_1$ | $h_{21}$ | $l_8$ | $l_{21}$ | $l_{22}$ | $l_{23}$ | $D_{m1}$ mín. | $D_{m2}$ mín. | $R$ max | $ch$ max |
| 06CA | SRSCR/L 06CA-06 | – | – | .217 | – | – | .236 | .075 | – | .453 | .925 | .708 | .787 | – | – | – |
| | STFCR/L 06CA-06 | 0° | 90° | .197 | – | – | .236 | .087 | .512 | .472 | .945 | .689 | .787 | – | .059 | .012 |
| | STWCR/L 06CA-06 | 60° | 30° | .197 | .047 | – | .236 | .087 | .354 | .413 | .884 | .689 | .787 | – | .059 | .012 |
| | STSCR/L 06CA-06 | 45° | 45° | .197 | .098 | – | .236 | .087 | .354 | .433 | .906 | .689 | .787 | – | .059 | .012 |
| | STTCR/L 06CA-06 | 30° | 60° | .197 | .134 | – | .236 | .087 | .512 | .433 | .906 | .689 | .787 | 1.181 | .059 | .012 |
| | STGCR/L 06CA-06 | 0° | 90° | .197 | – | – | .236 | .087 | .512 | .433 | .906 | .689 | .787 | 1.181 | .059 | .012 |
| 08CA | SCFCR/L 08CA-06 | 0° | 90° | .236 | – | – | .315 | .087 | .591 | .531 | 1.201 | .953 | .984 | – | – | – |
| | SRSCR/L 08CA-08 | – | – | .256 | – | – | .315 | .087 | – | .500 | 1.169 | .953 | .984 | – | – | – |
| | STFCR/L 08CA-09 | 0° | 90° | .236 | – | – | .315 | .098 | .591 | .531 | 1.201 | .846 | .984 | – | .098 | .012 |
| | STWCR/L 08CA-09 | 60° | 30° | .236 | .031 | – | .315 | .098 | .433 | .512 | 1.181 | .846 | .984 | – | .098 | .012 |
| | STSCR/L 08CA-09 | 45° | 45° | .236 | .094 | – | .315 | .098 | .433 | .531 | 1.201 | .846 | .984 | – | .098 | .012 |
| | STTCR/L 08CA-09 | 30° | 60° | .236 | .106 | – | .315 | .098 | .591 | .408 | 1.150 | .846 | .984 | 1.457 | .098 | .012 |
| | STGCR/L 08CA-09 | 0° | 90° | .236 | – | – | .315 | .098 | .591 | .408 | 1.150 | .846 | .984 | 1.457 | .098 | .012 |
| 10CA | SCFCR/L 10CA-09 | 0° | 90° | .354 | – | – | .394 | .118 | 1.181 | 1.083 | 1.870 | 1.555 | 1.575 | – | – | – |
| | SRSCR/L 10CA-10 | – | – | .417 | – | – | .394 | .118 | – | 1.102 | 1.890 | 1.555 | 1.575 | – | – | – |
| | STFCR/L 10CA-11 | 0° | 90° | .354 | – | – | .394 | .118 | 1.181 | 1.083 | 1.870 | 1.555 | 1.575[1)] | – | .157 | .016 |
| | STWCR/L 10CA-11 | 60° | 30° | .354 | .047 | – | .394 | .118 | .945 | 1.063 | 1.850 | 1.555 | 1.575[1)] | – | .157 | .016 |
| | STSCR/L 10CA-11 | 45° | 45° | .354 | .118 | – | .394 | .118 | .945 | 1.142 | 1.929 | 1.555 | 1.575[1)] | – | .157 | .016 |
| | STTCR/L 10CA-11 | 30° | 60° | .354 | .240 | – | .394 | .118 | 1.181 | 1.102 | 1.890 | 1.555 | 1.575[1)] | 2.165 | .157 | .016 |
| | STGCR/L 10CA-11 | 0° | 90° | .354 | – | – | .394 | .118 | 1.181 | 1.043 | 1.831 | 1.555 | 1.575[1)] | 2.165 | .157 | .016 |
| | STFCR/L 10CA-11-B1 | 0° | 90° | .354 | – | – | .394 | .118 | 1.181 | 1.083 | 1.870 | 1.555 | 1.575[1)] | – | .157 | .016 |
| | STWCR/L 10CA-11-B1 | 60° | 30° | .354 | .047 | – | .394 | .118 | .945 | 1.063 | 1.850 | 1.555 | 1.575[1)] | – | .157 | .016 |
| | STSCR/L 10CA-11-B1 | 45° | 45° | .354 | .118 | – | .394 | .118 | .945 | 1.142 | 1.929 | 1.555 | 1.575[1)] | – | .157 | .016 |
| | STTCR/L 10CA-11-B1 | 30° | 60° | .354 | .240 | – | .394 | .118 | 1.181 | 1.102 | 1.890 | 1.555 | 1.575[1)] | 2.165 | .157 | .016 |
| | STGCR/L 10CA-11-B1 | 0° | 90° | .354 | – | – | .394 | .118 | 1.181 | 1.043 | 1.831 | 1.555 | 1.575[1)] | 2.165 | .157 | .016 |
| | SSKCR/L 10CA-09-M | 15° | 75° | .354 | .035 | – | .394 | .118 | 1.181 | 1.201 | 1.988 | 1.634 | 1.575[1)] | – | .157 | .016 |
| | SSSCR/L 10CA-09-M | 45° | 45° | .354 | – | .236 | .394 | .118 | .945 | 1.063 | 1.850 | 1.496 | 1.575[1)] | – | .157 | .016 |
| 12CA | SCFCR/L 12CA-09 | 0° | 90° | .512 | – | – | .471 | .197 | 1.378 | 1.299 | 2.087 | 1.575 | 1.969 | | .197 | .016 |
| | STFCR/L 12CA-16-M | 0° | 90° | .512 | – | – | .472 | .197 | 1.378 | 1.307 | 2.094 | 1.575 | 1.969 | – | .197 | .016 |
| | STWCR/L 12CA-16-M | 60° | 30° | .512 | .165 | – | .472 | .197 | 1.063 | 1.260 | 2.047 | 1.575 | 1.969 | – | .197 | .016 |
| | STSCR/L 12CA-16-M | 45° | 45° | .512 | .213 | – | .472 | .197 | 1.063 | 1.378 | 2.165 | 1.693 | 1.969 | – | .197 | .016 |
| | STTCR/L 12CA-16-M | 30° | 60° | .512 | .386 | – | .472 | .197 | 1.378 | 1.299 | 2.087 | 1.575 | 1.969 | 2.953 | .197 | .016 |
| | STGCR/L 12CA-16-M | 0° | 90° | .591 | – | – | .472 | .197 | 1.378 | 1.220 | 2.008 | 1.575 | 1.969 | 2.953 | .197 | .016 |
| | SSKCR/L 12CA-12 | 15° | 75° | .531 | .122 | – | .472 | .197 | 1.378 | 1.417 | 2.205 | 1.575 | 1.969 | – | .197 | .016 |
| | SSSCR/L 12CA-12 | 45° | 45° | .512 | – | .370 | .472 | .197 | 1.063 | 1.240 | 2.028 | 1.535 | 1.969 | 2.953 | .197 | .016 |
| 16CA | STFCR/L 16CA-16 | 0° | 90° | .669 | – | – | .630 | .197 | 1.497 | 1.417 | 2.402 | 2.047 | 2.165 | – | .236 | .016 |
| | STWCR/L 16CA-16 | 60° | 30° | .650 | .193 | – | .630 | .197 | 1.102 | 1.280 | 2.264 | 1.811 | 2.165 | – | .236 | .016 |
| | STSCR/L 16CA-16 | 45° | 45° | .650 | .280 | – | .630 | .197 | 1.102 | 1.398 | 2.382 | 1.890 | 2.165 | – | .236 | .016 |
| | STTCR/L 16CA-16 | 30° | 60° | .689 | .453 | – | .630 | .197 | 1.497 | 1.398 | 2.382 | 1.890 | 2.362 | 2.953 | .236 | .016 |
| | STGCR/L 16CA-16 | 0° | 90° | .728 | – | – | .630 | .197 | 1.497 | 1.260 | 2.244 | 1.890 | 2.362 | 2.953 | .236 | .016 |
| | SSKCR/L 16CA-12 | 15° | 75° | .650 | .236 | – | .630 | .197 | 1.497 | 1.339 | 2.362 | 1.929 | 2.165 | – | .236 | .016 |

[1)]El diámetro de agujero mínimo según ISO es de 40 mm. Sin embargo, un vez montado el cartucho 1mm por encima del centro, como se muestra en el dibujo, se puede mecanizar un agujero de 32 mm de diámetro.



# $f_1$-dimensiones de los cartuchos ISO

**Dimensiones métricas**

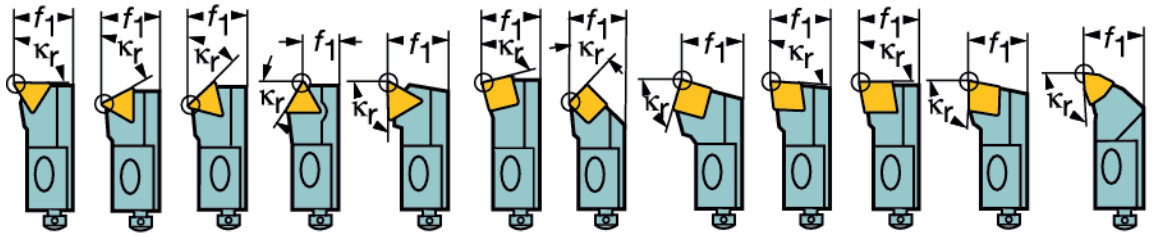



| | Cartucho | | Dimensiones $f_1$, mm | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | CoroTurn® RC | | | | | | | | |
| κr | T-MAX P | CoroTurn® 107 | $r_\varepsilon$[1] = 0.00 | $r_\varepsilon$ = 0.20 | $r_\varepsilon$ = 0.40 | $r_\varepsilon$ = 0.80 | $r_\varepsilon$ = 1.20 | $r_\varepsilon$ = 1.60 | $r_\varepsilon$ = 2.40 |
| 90° | – | STFCR/L 06CA-06 | 8.40 | 8.00 | 7.90 | 7.60 | – | – | – |
| 60° | – | STWCR/L 06CA-06 | 8.20 | 8.00 | 7.80 | 7.40 | – | – | – |
| 45° | – | STSCR/L 06CA-06 | 8.20 | 8.00 | 7.80 | 7.40 | – | – | – |
| 60° | – | STTCR/L 06CA-06 | 5.40 | 5.50 | 5.60 | 5.80 | – | – | – |
| 90° | – | STGCR/L 06CA-06 | 8.00 | 8.00 | 8.00 | 8.00 | – | – | – |
| 90° | – | STFCR/L 08CA-09 | 10.30 | 10.10 | 10.00 | 9.70 | – | – | – |
| 60° | – | STWCR/L 08CA-09 | 10.40 | 10.20 | 10.00 | 9.60 | – | – | – |
| 45° | – | STSCR/L 08CA-09 | 10.40 | 10.20 | 10.00 | 9.60 | – | – | – |
| 60° | – | STTCR/L 08CA-09 | 5.80 | 5.90 | 6.00 | 6.20 | – | – | – |
| 90° | – | STGCR/L 08CA-09 | 10.00 | 10.00 | 10.00 | 10.00 | – | – | – |
| 90° | – | STFCR/L 10CA-11/-B1 | 14.29 | 14.14 | 14.0 | 13.71 | – | – | – |
| 60° | – | STWCR/L 10CA-11/-B1 | 14.40 | 14.20 | 14.00 | 13.60 | – | – | – |
| 45° | – | STSCR/L 10CA-11/-B1 | 14.37 | 14.19 | 14.0 | 13.63 | – | – | – |
| 60° | – | STTCR/L 10CA-11/-B1 | 8.77 | 8.89 | 9.0 | 9.23 | – | – | – |
| 90° | – | STGCR/L 10CA-11/-B1 | 14.00 | 14.00 | 14.00 | 14.00 | – | – | – |
| 75° | – | SSKCR/L 10CA-09-M | 14.18 | 14.13 | 14.09 | 14.00 | – | – | – |
| 45° | – | SSSCR/L 10CA-09-M | 14.33 | 14.25 | 14.16 | 14.00 | – | – | – |
| 90° | PTFNR/L 12CA-16 | – | 20.56 | – | 20.28 | 20.00 | 19.72 | 19.44 | – |
| | – | STFCR/L 12CA-16-M | 20.58 | – | 20.29 | 20.00 | 19.71 | – | – |
| 60° | PTWNR/L 12CA-16 | – | 20.78 | – | 20.39 | 20.00 | 19.61 | 19.22 | – |
| | – | STWCR/L 12CA-16 | 20.80 | – | 20.40 | 20.00 | 19.60 | – | – |
| 45° | PTSNR/L 12CA-16 | – | 20.76 | – | 20.38 | 20.00 | 19.62 | 19.24 | – |
| | – | STSCR/L 12CA-16-M | 20.74 | – | 20.37 | 20.00 | 19.63 | – | – |
| 60° | PTTNR/L 12CA-16 | STTCR/L 12CA-16-M | 12.54 | – | 12.77 | 13.00 | 13.23 | 13.46 | – |
| 90° | PTGNR/L 12CA-16 | STGCR/L 12CA-16-M | 20.01 | – | 20.00 | 20.00 | 20.00 | 19.99 | – |
| 75° | PSKNR/L 12CA-12 | SSKCR/L 12CA-12 | 20.18 | 20.13 | 20.09 | 20.00 | 19.91 | 19.82 | 19.64 |
| 45° | PSSNR/L 12CA-12 | – | 20.32 | – | 20.16 | 20.00 | 19.84 | 19.68 | 19.35 |
| | – | SSSCR/L 12CA-12 | 20.33 | 20.25 | 20.16 | 20.00 | 19.84 | – | – |
| 90° | DTFNR/L 16CA-16 | – | 25.52 | – | 25.24 | 24.96 | 24.68 | 24.40 | – |
| 90° | PTFNR/L 16CA-16 | – | 25.56 | – | 25.28 | 25.00 | 24.72 | 24.44 | – |
| | – | STFCR/L 16CA-16 | 25.57 | – | 25.29 | 25.00 | 24.71 | – | – |
| 60° | – | STWCR/L 16CA-16 | 25.79 | – | 25.40 | 25.00 | 24.60 | – | – |
| 45° | PTSNR/L 16CA-16 | STSCR/L 16CA-16 | 25.74 | – | 25.37 | 25.00 | 24.63 | 24.26 | – |
| 90° | PTGNR/L 16CA-16 | STGCR/L 16CA-16 | 25.01 | – | 25.00 | 25.00 | 25.00 | 24.99 | – |
| 75° | PSKNR/L 16CA-12 | – | 25.17 | – | 25.09 | 25.00 | 24.91 | 24.83 | 24.66 |
| | – | SSKCR/L 16CA-12 | 25.78 | – | 25.09 | 25.00 | 24.91 | – | – |
| 45° | PSSNR/L 16CA-12 | – | 25.33 | – | 25.16 | 25.00 | 24.84 | 24.67 | 24.35 |
| 75° | PSRNR/L 16CA-12 | – | 24.96 | – | 24.98 | 25.00 | 25.02 | 25.04 | 25.08 |
| 95° | MWLNR/L 16CA-06 | | 25.07 | – | 25.03 | 25.00 | – | – | – |
| 95° | PCLNR/L 16CA-12 | – | 25.07 | – | 25.03 | 25.00 | 24.97 | 24.93 | – |
| 90° | PCFNR/L 16CA-12 | – | 25.14 | – | 25.07 | 25.00 | 24.93 | 24.86 | – |
| 90° | PCGNR/L 16CA-12 | – | 25.00 | – | 25.00 | 25.00 | 25.00 | 25.00 | – |
| 95° | DWLNR/L 20CA-08 | – | 25.03 | – | 25.00 | 24.96 | 24.92 | 24.89 | – |
| 90° | PTFNR/L 20CA-22 | – | 25.56 | – | 25.28 | 25.00 | 24.72 | 24.44 | – |
| 45° | PTSNR/L 20CA-22 | – | 25.74 | – | 25.37 | 25.00 | 24.63 | 24.26 | – |
| 90° | PTGNR/L 20CA-22 | – | 25.01 | – | 25.00 | 25.00 | 25.00 | 24.99 | – |
| 75° | PSKNR/L 20CA-15 | – | 25.25 | – | 25.17 | 25.08 | 25.00 | 24.92 | 24.75 |
| 45° | PSSNR/L 20CA-15 | – | 25.49 | – | 25.32 | 25.16 | 25.00 | 24.84 | 24.51 |
| 75° | PSRNR/L 20CA-15 | – | 24.93 | – | 24.95 | 24.98 | 25.00 | 25.02 | 25.07 |
| 95° | DCLNR/L 25CA-12 | – | 32.03 | – | 32.00 | 31.96 | 31.92 | 31.89 | 31.81 |
| 95° | DCLNR/L 25CA-16 | – | 32.07 | – | 32.03 | 32.00 | 31.96 | 32.92 | 31.85 |
| 75° | DSKNR/L 25CA-12 | – | 32.13 | – | 32.05 | 31.96 | 31.87 | 31.79 | 31.61 |
| 95° | MWLNR/L 25CA-08 | – | 32.07 | – | 32.03 | 32.00 | 31.97 | 31.93 | – |
| 95° | PCLNR/L 25CA-19 | – | 32.11 | – | – | 32.04 | 32.00 | 31.96 | 31.89 |

1) $r_\varepsilon$ = radio de punta de plaquita en mm

# $f_1$-dimensiones de los cartuchos ISO

**Dimensiones en pulgadas**



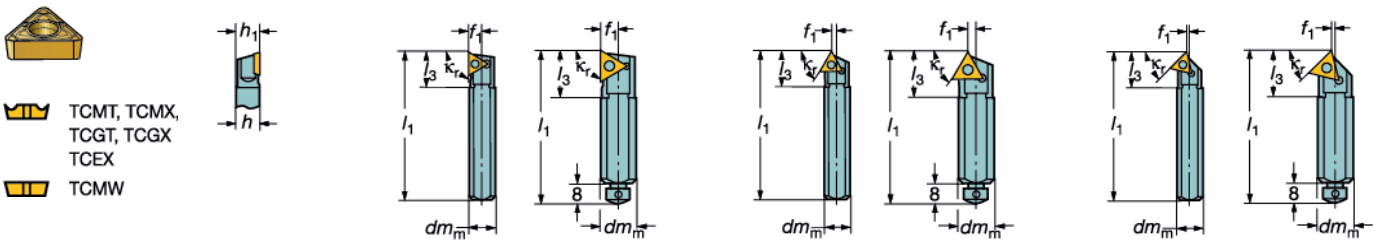

| Angulo | Cartucho CoroTurn® RC T-MAX | Cartucho CoroTurn® 107 | Dimensiones $f_1$, pulgadas $r_\varepsilon$[1] = 0.000 | $r_\varepsilon$ = .008 | $r_\varepsilon$ = .016 | $r_\varepsilon$ = .031 | $r_\varepsilon$ = .047 | $r_\varepsilon$ = .063 | $r_\varepsilon$ = .094 |
|---|---|---|---|---|---|---|---|---|---|
| 0° | – | STFCR/L 06CA-06 | .326 | .320 | .315 | .304 | – | – | – |
| 60° | – | STWCR/L 06CA-06 | .331 | .323 | .315 | .299 | – | – | – |
| 45° | – | STSCR/L 06CA-06 | .329 | .322 | .315 | .300 | – | – | – |
| 30° | – | STTCR/L 06CA-06 | .207 | .212 | .217 | .226 | – | – | – |
| 0° | – | STGCR/L 06CA-06 | .315 | .315 | .315 | .315 | – | – | – |
| 0° | – | STFCR/L 08CA-09 | .405 | .399 | .394 | .382 | – | – | – |
| 60° | – | STWCR/L 08CA-09 | .409 | .402 | .394 | .378 | – | – | – |
| 45° | – | STSCR/L 08CA-09 | .408 | .401 | .394 | .379 | – | – | – |
| 30° | – | STTCR/L 08CA-09 | .227 | .232 | .236 | .245 | – | – | – |
| 0° | – | STGCR/L 08CA-09 | .394 | .394 | .394 | .394 | – | – | – |
| 0° | – | STFCR/L 10CA-11/-B1 | .563 | .557 | .551 | .540 | – | – | – |
| 60° | – | STWCR/L 10CA-11/-B1 | .567 | .559 | .551 | .536 | – | – | – |
| 45° | – | STSCR/L 10CA-11/-B1 | .566 | .559 | .551 | .537 | – | – | – |
| 30° | – | STTCR/L 10CA-11/-B1 | .345 | .350 | .354 | .363 | – | – | – |
| 0° | – | STGCR/L 10CA-11/-B1 | .551 | .551 | .551 | .551 | – | – | – |
| 15° | – | SSKCR/L 10CA-09-M | .558 | .556 | .555 | .551 | – | – | – |
| 45° | – | SSSCR/L 10CA-09-M | .564 | .561 | .557 | .551 | – | – | – |
| 0° | PTFNR/L 12CA-16 | – | .809 | – | .798 | .787 | .776 | .765 | – |
| 0° | – | STFCR/L 12CA-16-M | .810 | – | .799 | .787 | .776 | – | – |
| 30° | PTWNR/L 12CA-16 | – | .818 | – | .803 | .787 | .772 | .757 | – |
| 60° | – | STWCR/L 12CA-16 | .819 | – | .803 | .787 | .772 | – | – |
| 45° | PTSNR/L 12CA-16 | – | .817 | – | .802 | .787 | .772 | .757 | – |
| 45° | – | STSCR/L 12CA-16-M | .817 | – | .802 | .787 | .773 | – | – |
| 30° | PTTNR/L 12CA-16 | STTCR/L 12CA-16-M | .494 | – | .503 | .512 | .512 | .530 | – |
| 0° | PTGNR/L 12CA-16 | STGCR/L 12CA-16-M | .788 | – | .787 | .787 | .787 | .787 | – |
| 15° | PSKNR/L 12CA-12 | SSKCR/L 12CA-12 | .794 | .793 | .791 | .787 | .784 | .780 | .773 |
| 45° | PSSNR/L 12CA-12 | – | .800 | – | .794 | .787 | .781 | .775 | .762 |
| 45° | – | SSSCR/L 12CA-12 | .800 | .797 | .794 | .787 | .781 | – | – |
| 0° | DTFNR/L 16CA-16 | – | 1.005 | – | .994 | .983 | .972 | .961 | – |
| 0° | PTFNR/L 16CA-16 | – | 1.006 | – | .995 | .984 | .973 | .962 | – |
| 0° | – | STFCR/L 16CA-16 | 1.007 | – | .996 | .984 | .973 | – | – |
| 60° | – | STWCR/L 16CA-16 | 1.015 | – | 1.000 | .984 | .969 | – | – |
| 45° | PTSNR/L 16CA-16 | STSCR/L 16CA-16 | 1.013 | – | .999 | .984 | .970 | .955 | – |
| 0° | PTGNR/L 16CA-16 | STGCR/L 16CA-16 | .985 | – | .984 | .984 | .984 | .984 | – |
| 15° | PSKNR/L 16CA-12 | – | .991 | – | .988 | .984 | .981 | .978 | .971 |
| 15° | – | SSKCR/L 16CA-12 | 1.015 | – | .988 | .984 | .981 | – | – |
| 45° | PSSNR/L 16CA-12 | – | .997 | – | .991 | .984 | .987 | .971 | .959 |
| 15° | PSRNR/L 16CA-12 | – | .983 | – | .983 | .984 | .985 | .986 | .987 |
| -5° | MWLNR/L 16CA-06 | | .987 | – | .985 | .984 | – | – | – |
| -5° | PCLNR/L 16CA-12 | – | .987 | – | .985 | .984 | .983 | .981 | – |
| 0° | PCFNR/L 16CA-12 | – | .990 | – | .987 | .984 | .981 | .979 | – |
| 0° | PCGNR/L 16CA-12 | – | .984 | – | .984 | .984 | .984 | .984 | – |
| -5° | DWLNR/L 20CA-08 | – | .985 | – | .984 | .983 | .981 | .980 | – |
| 0° | PTFNR/L 20CA-22 | – | 1.006 | – | .995 | .984 | .973 | .962 | – |
| 45° | PTSNR/L 20CA-22 | – | | – | .999 | .984 | .970 | .955 | – |
| 0° | PTGNR/L 20CA-22 | – | .985 | – | .984 | .984 | .984 | .984 | – |
| 15° | PSKNR/L 20CA-15 | – | .994 | – | .991 | .987 | .984 | .981 | .974 |
| 45° | PSSNR/L 20CA-15 | – | 1.004 | – | .997 | .991 | .984 | .978 | .965 |
| 15° | PSRNR/L 20CA-15 | – | .981 | – | .982 | .983 | .984 | .985 | .987 |
| -5° | DCLNR/L 25CA-12 | – | 1.261 | – | 1.260 | 1.258 | 1.257 | 1.256 | 1.252 |
| -5° | DCLNR/L 25CA-16 | – | 1.263 | – | 1.261 | 1.260 | 1.258 | 1.296 | 1.254 |
| 15° | DSKNR/L 25CA-12 | – | 1.265 | – | 1.262 | 1.258 | 1.255 | 1.252 | 1.244 |
| -5° | MWLNR/L 25CA-08 | – | 1.263 | – | 1.261 | 1.260 | 1.259 | 1.257 | – |
| -5° | PCLNR/L 25CA-19 | – | 1.264 | – | – | 1.261 | 1.260 | 1.258 | 1.256 |

1) $r_\varepsilon$ = radio de punta de plaquita en pulgadas

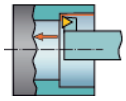
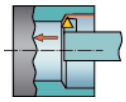
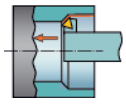
# Herramientas para mandrinar de mango redondo

**Diseño de sujeción por tornillo CoroTurn® 107**

| | R/L141.0 | | R/L140.0 | | R/L142.0 | |
|---|---|---|---|---|---|---|
| Ángulo de posición: | $\kappa_r$ 90° | | $\kappa_r$ 60° | | $\kappa_r$ 45° | |
| Ángulo de ataque: | 0° | | 30° | | 45° | |
| Tamaño de plaquita, mm (*iC*, pulgadas) | 06/09 (5/32-7/32) | 11/16 (1/4-3/8) | 06/09 (5/32-7/32) | 11/16 (1/4-3/8) | 06/09 (5/32-7/32) | 11/16 (1/4-3/8) |




A derechas en la ilustración

| Aplicación principal | △ | *iC* | Código de pedido | Dimensiones, mm, pulgadas *dmm* | *f*1 | *h* | *h*1 | *l*1 | *l*3 | γ1) | λs2) | Plaquitas calibradoras ISO | ANSI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 06 | 5/32 | **R/L141.0-8-06** | 8 | 4 | 7 | 7 | 30 | 10.5 | 0° | 0° | TCMT 06 T1 02 | TCMT 1.2(1.2)0 |
| | | | | *.315* | *.157* | *.276* | *.276* | *1.181* | *.413* | | | | |
| | 09 | 7/32 | **R/L141.0-10-09** | 10 | 5.1 | 8.5 | 8.5 | 50 | 14 | 0° | 0° | TCMT 09 02 04 | TCMT 1.8(1.5)1 |
| | | | | *.394* | *.201* | *.335* | *.335* | *1.968* | *.551* | | | | |
| | 11 | 1/4 | **R/L141.0-12-11** | 12 | 6 | 10.5 | 10.5 | 68 | 15.3 | 0° | 0° | TCMT 11 02 04 | TCMT 2(1.5)1 |
| | | | | *.472* | *.236* | *.413* | *.413* | *2.677* | *.602* | | | | |
| | | | **R/L141.0-16-11** | 16 | 7.5 | 14 | 14 | 98 | 15.3 | 0° | 0° | TCMT 11 02 04 | TCMT 2(1.5)1 |
| | | | | *.630* | *.295* | *.551* | *.551* | *3.858* | *.602* | | | | |
| | 16 | 3/8 | **R/L141.0-20-16** | 20 | 10.7 | 17 | 17 | 128 | 19 | 0° | 0° | TCMT 16 T3 08 | TCMT 3(2.5)2 |
| | | | | *.787* | *.421* | *.669* | *.669* | *5.039* | *.748* | | | | |
|  | 06 | 5/32 | **R/L140.0-8-06** | 8 | 1.47 | 7 | 7 | 30 | 10.6 | 0° | 0° | TCMT 06 T1 02 | TCMT 1.2(1.2)0 |
| | | | | *.315* | *.058* | *.276* | *.276* | *1.181* | *.417* | | | | |
| | 09 | 7/32 | **R/L140.0-10-09** | 10 | 1.7 | 8.5 | 8.5 | 50 | 13.4 | 0° | 0° | TCMT 09 02 04 | TCMT 1.8(1.5)1 |
| | | | | *.394* | *.067* | *.335* | *.335* | *1.968* | *.528* | | | | |
| | 11 | 1/4 | **R/L140.0-12-11** | 12 | 2.2 | 10.5 | 10.5 | 68 | 15.4 | 0° | 0° | TCMT 11 02 04 | TCMT 2(1.5)1 |
| | | | | *.472* | *.087* | *.413* | *.413* | *2.677* | *.606* | | | | |
| | | | **R/L140.0-16-11** | 16 | 2.2 | 14 | 14 | 98 | 15.4 | 0° | 0° | TCMT 11 02 04 | TCMT 2(1.5)1 |
| | | | | *.630* | *.087* | *.551* | *.551* | *3.858* | *.606* | | | | |
| | 16 | 3/8 | **R/L140.0-20-16** | 20 | 2.4 | 17 | 17 | 128 | 19 | 0° | 0° | TCMT 16 T3 08 | TCMT 3(2.5)2 |
| | | | | *.787* | *.094* | *.669* | *.669* | *5.039* | *.748* | | | | |
|  | 06 | 5/32 | **R/L142.0-8-06** | 8 | 0.39 | 7 | 7 | 30 | 10.6 | 0° | 0° | TCMT 06 T1 02 | TCMT 1.2(1.2)0 |
| | | | | *.315* | *.015* | *.276* | *.276* | *1.181* | *.417* | | | | |
| | 09 | 7/32 | **R/L142.0-10-09** | 10 | -0.23 | 8.5 | 8.5 | 50 | 13.4 | 0° | 0° | TCMT 09 02 04 | TCMT 1.8(1.5)1 |
| | | | | *.394* | - | *.335* | *.335* | *1.968* | *.528* | | | | |
| | 11 | 1/4 | **R/L142.0-12-11** | 12 | 0.5 | 10.5 | 10.5 | 68 | 15.4 | 0° | 0° | TCMT 11 02 04 | TCMT 2(1.5)1 |
| | | | | *.472* | *.020* | *.413* | *.413* | *2.677* | *.606* | | | | |
| | | | **R/L142.0-16-11** | 16 | 0.5 | 14 | 14 | 98 | 15.4 | 0° | 0° | TCMT 11 02 04 | TCMT 2(1.5)1 |
| | | | | *.630* | *.020* | *.551* | *.551* | *3.858* | *.606* | | | | |
| | 16 | 3/8 | **R/L142.0-20-16** | 20 | -0.7 | 17 | 17 | 128 | 19 | 0° | 0° | TCMT 16 T3 08 | TCMT 3(2.5)2 |
| | | | | *.787* | - | *.669* | *.669* | *5.039* | *.748* | | | | |

1) γ = Ángulo de desprendimiento.
2) $\lambda_s$ = Ángulo de inclinación

R = A Derecha, L = A Izquierda

## Piezas de repuesto principales

| Tamaño de plaquita △ | *iC* | Tornillo de plaquita | Placa de apoyo | Tornillo de la placa de apoyo | Llave (Torx Plus) | Tornillo de ajuste de la longitud |
|---|---|---|---|---|---|---|
| 06 | 5/32 | 5513 020-27 | - | - | 5680 051-01 (6IP) | - |
| 09 | 7/32 | 5513 020-05 | - | - | 5680 051-02 (7IP) | - |
| 11 | 1/4 | 5513 020-03 | - | - | 5680 051-02 (7IP) | 438.3-824 |
| 16 | 3/8 | 5513 020-01 | 5322 320-01 | 5512 090-01 | 5680 049-01 (15IP) | 434.9-825 |

A9
A409
A2



SANDVIK Coromant

# Piezas de repuesto

## Mecanizado exterior

Herramientas con mango y unidades Coromant Capto®


| | Página |
|---|---|
| **Portaplaquitas para plaquitas negativas** | |
| CoroTurn® RC (Sujeción rígida) | A353 |
| T-Max® P, sujeción por palanca | A360 |
| T-Max® P, sujeción por tornillo y brida superior | A366 |
| T-Max® P, sujeción por cuña | A368 |
| Diseño de palanca CoroTurn® HP | A378 |
| **Portaplaquitas para plaquitas positivas** | |
| CoroTurn® 107 sujeción por tornillo | A370 |
| Sujeción por tornillo CoroTurn® HP | A380 |
| Sujeción por tornillo CoroTurn® TR | A382 |
| **Portaplaquitas para plaquitas cerámicas** | |
| CoroTurn® RC (Sujeción rígida) | A384 |
| T-Max® brida superior | A388 |


## Mecanizado interior

Herramientas con mango y unidades Coromant Capto®


| | |
|---|---|
| **Barras de mandrinar para plaquitas negativas** | |
| CoroTurn® RC (Sujeción rígida) | A390 |
| T-Max® P, sujeción por palanca | A391 |
| T-Max® P, sujeción por tornillo y brida superior | A393 |
| T-Max® P, sujeción por cuña | A394 |
| **Barras de mandrinar para plaquitas positivas** | |
| CoroTurn® 107 sujeción por tornillo | A396 |
| CoroTurn® 111 sujeción por tornillo | A402 |
| **Barras para mandrinar para plaquitas de cerámica** | |
| T-Max® brida superior | A404 |


## CoroTurn® SL

Cabezas de corte y barras de mandrinar


| | |
|---|---|
| **Cabezas de corte para plaquitas negativas** | |
| CoroTurn® RC (Sujeción rígida) | I106 |
| T-Max® P, sujeción por palanca | I107 |
| Diseño de palanca CoroTurn® HP | I107 |
| **Cabezas de corte para plaquitas positivas** | |
| CoroTurn® 111 sujeción por tornillo | I108 |
| CoroTurn® 107 sujeción por tornillo | I109 |
| Diseño de sujeción por tornillo CoroTurn® TR | I110 |
| **Barras de mandrinar y adaptadores** | |
| Tipo de mandrinado 570-2C y 570-3C | I111 |
| Adaptador reductor | I113 |


## CoroTurn® SL cambio rápido


| | Página |
|---|---|
| **Barras de mandrinar y adaptadores** | |
| Barra de mandrinar | I114 |
| Adaptador para barra de mandrinar 580 | I114 |
| Adaptador para cabezas de corte CoroTurn® SL | I115 |
| Adaptador para herramientas con mango cuadrado | I115 |
| Adaptador para cabezas de corte, diámetro 32 mm | I115 |


## Herramientas especiales


| | |
|---|---|
| **Cartuchos para plaquitas de forma básica negativa** | |
| CoroTurn® RC (Sujeción rígida) | A405 |
| T-Max® P, sujeción por palanca | A406 |
| T-Max® P, sujeción por cuña | A407 |
| **Cartuchos para plaquitas con forma básica positiva** | |
| CoroTurn® 107 sujeción por tornillo | A408 |
| Herramientas para mandrinar con mango redondo, | A409 |
| **Llaves dinamométricas para la sujeción correcta de las** | A352 |


Encontrará información sobre las piezas de repuesto para herramientas de mecanizado multi-tarea Coromant Capto® en el capítulo H

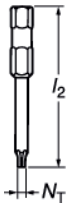
# Llaves dinamométricas para la sujeción correcta de las plaquitas

## Información

Para lograr el máximo rendimiento de las herramientas, especialmente en operaciones de tronzado y ranurado, es de suma importante que el par de apriete de la plaquita sea correcto. En la gama Sandvik Coromant se incluyen llaves dinamométricas en sistema métrico y en pulgadas que utilizan puntas para los distintos tamaños de Torx Plus.

**Tamaños -01, -02, -03, -04**

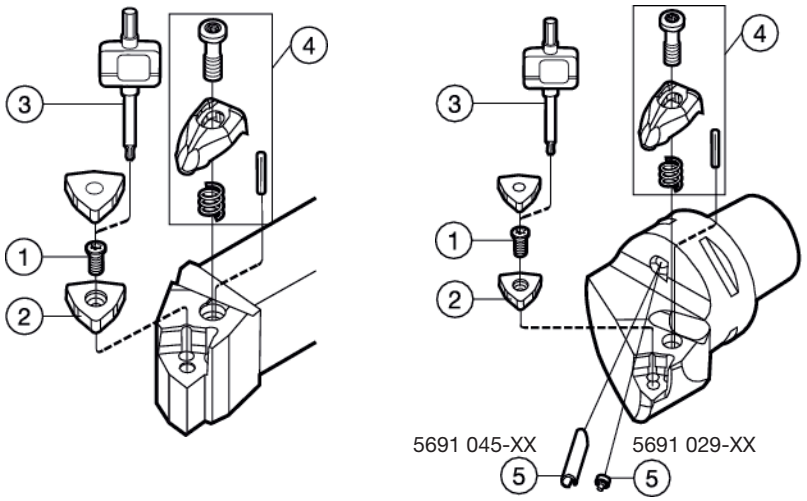
**Tamaños -05, -06, -07, -08**




| Llave dinamométrica | Intervalo de pares Nm | Pulg.-lbs | Mango |
|---|---|---|---|
| **5680 105-01** | 0.3 - 1.2 | | Recta |
| **5680 105-02** | 1.2 - 3.0 | | Recta |
| **5680 105-05** | 3.0 - 6.0 | | Angular |
| **5680 105-06** | 4.0 - 8.8 | | Angular |
| **5680 105-03** | | 2.5 - 11.5 | Recta |
| **5680 105-04** | | 11.0 - 26.0 | Recta |
| **5680 105-07** | | 26.0 - 55.0 | Angular |
| **5680 105-08** | | 35.4 - 78.0 | Angular |

| Broca | $l_2$ mm | Inch | $N_T$ Torx Plus |
|---|---|---|---|
| **5680 084-01** | 50 | 1.969 | 8IP |
| **5680 084-02** | 50 | 1.969 | 15IP |
| **5680 084-03** | 89 | 3.504 | 15IP |
| **5680 084-04** | 50 | 1.969 | 7IP |
| **5680 084-05** | 50 | 1.969 | 9IP |
| **5680 084-06** | 50 | 1.969 | 10IP |
| **5680 084-07** | 50 | 1.969 | 20IP |
| **5680 084-08** | 89 | 3.504 | 20IP |
| **5680 084-09** | 89 | 3.504 | 25IP |
| **5680 084-10** | 89 | 3.504 | 30IP |
| **5680 084-11** | 50 | 1.969 | 6IP |
| **5680 084-12** | 80 | 3.150 | 27IP |

# CoroTurn® RC diseño de sujeción rígida




| Pulgadas | Métrica | Coromant Capto® | 1<br>Tornillo de la placa de apoyo | 2<br>Placa de apoyo (para plaquita de grosor mm/pulgadas) | 3<br>Llave (Torx Plus) | 4[1)2)]<br>Juego de sujeción completo | 5<br>Boquilla de refrigerante[5)] |
|---|---|---|---|---|---|---|---|
| 80° | | | | | | | |
| DCFNR/L 164D | | | 5513 020-02 | 5322 234-01 (4.76/.187)<br>5322 234-02 (7.94/.312)[1)] | 5680 049-01(15IP) | 5412 028-021<br>5412 034-021[3)]<br>5412 032-021[4)] | - |
| DCGNR/L 164D<br>DCGNR/L 204D | | | 5513 020-02 | 5322 234-01 (4.76/.187)<br>5322 234-02 (7.94/.312)[1)] | 5680 049-01(15IP) | 5412 028-021<br>5412 034-021[3)]<br>5412 032-021[4)] | - |
| DCLNR/L 103A<br>DCLNR/L 123C<br>DCLNR/L 163D | DCLNR/L 1616H09<br>DCLNR/L 2020K09<br>DCLNR/L 2525M09 | C3-DCLNR/L-22040-09<br>C4-DCLNR/L-27050-09<br>– | 5513 020-04 | 5322 236-04 (3.18/.125) | 5680 051-03 (9IP) | 5412 028-011 | - |
| DCLNR/L 104A | DCLNR/L 1616H12 | C3-DCLNR/L-22045-12 | 5513 020-02 | 5322 236-03 (4.76/.187) | 5680 049-01 (15IP) | 5412 028-021<br>5412 034-021[3)]<br>5412 032-021[4)] | - |
| | DCLNR/L 2020K12 | C4-DCLNR/L-27050-12 | 5513 020-02 | 5322 234-01 (4.76/.187) | 5680 049-01 (15IP) | 5412 028-021 | 5691 045-01 |
| DCLNR/L 124B | DCLNR/L 2525M12 | C5-DCLNR/L-35060-12 | | 5322 234-02 (7.94/.312)[1)] | | 5412 034-021[3)] | 5691 045-01 |
| DCLNR/L 164C | DCLNR/L 3225P12 | C6-DCLNR/L-45065-12 | | | | 5412 032-021[4)] | 5691 045-01 |
| DCLNR/L 164D | DCLNR/L 3232P12 | C8-DCLNR/L-55080-12 | | | | | 5691 045-01 |
| DCLNR/L 204D<br>DCLNR/L 244DM1<br>DCLNR/L 854D | DCLNR/L 4040S12 | – | | | | | – |
| DCLNR/L 165D | DCLNR/L 2525M16 | C4-DCLNR/L-27055-16 | 5513 020-07 | 5322 234-03 (6.35/.250) | 5680 043-14 (20IP) | 5412 028-031 | 5691 045-01 |
| DCLNR/L 205D | DCLNR/L 3225P16 | C5-DCLNR/L-35060-16 | | 5322 234-04 (7.94/.312)[1)] | | 5412 034-031[3)] | 5691 045-01 |
| DCLNR/L 245D | DCLNR/L 3232P16 | C6-DCLNR/L-45065-16 | | | | 5412 032-031[4)] | 5691 045-01 |
| DCLNR/L 855D | | C8-DCLNR/L-55080-16 | | | | | 5691 045-01 |
| DCLNR/L 166D | DCLNR/L 2525M19 | C5-DCLNR/L-35060-19 | 5513 020-07 | 5322 236-01 (6.35/.250) | 5680 043-14 (20IP) | 5412 028-041 | 5691 045-01 |
| DCLNR/L 206D | DCLNR/L 3232P19 | C6-DCLNR/L-45065-19 | | | | | 5691 045-01 |
| DCLNR/L 246D | DCLNR/L 3225P19 | C8-DCLNR/L-55080-19 | | | | | 5691 045-01 |
| DCLNR/L 856D | DCLNR/L 4040S19 | – | | | | | 5691 045-01 |
| | DCLNR/L 4040S25 | C8-DCLNR/L-55080-25 | 5513 020-08 | 5322 234-05 (9.52/.374) | 5680 043-15 (25IP) | 5412 028-051 | 5691 045-01 |
| | DCLNR/L 5050T25 | – | | | | | – |
| DCRNR/L 124BM1 | DCBNR/L 2020K12 | C4-DCRNR/L-22050-12 | 5513 020-02 | 5322 234-01 (4.76/.187 | 5680 049-01 (15IP) | 5412 028-021 | 5691 029-08 |
| DCRNR/L 164DM1 | DCBNR/L 2525M12 | C5-DCRNR/L-27060-12 | | 5322 234-02 (7.94/.312)[1)] | | 5412 034-021[3)] | 5691 045-01 |
| DCRNR/L 204DM1 | DCBNR/L 3225P12 | C6-DCRNR/L-35065-12 | | | | 5412 032-021[4)] | 5691 045-01 |
| DCRNR/L 244DM1 | DCBNR/L 3232P12 | – | | | | | – |
| DCRNR/L 854D | DCBNR/L 4040S12 | – | | | | | – |
| DCRNR/L 165D | DCBNR/L 2525M16 | C5-DCRNR/L-27060-16 | 5513 020-07 | 5322 234-03 (6.35/.250) | 5680 043-14 (20IP) | 5412 028-031 | 5691 045-01 |
| DCRNR/L 205D | DCBNR/L 3225P16 | C6-DCRNR/L-35065-16 | | 5322 234-04 (7.94/.312)[1)] | | 5412 034-031[3)] | 5691 045-01 |
| DCRNR/L 245D | DCBNR/L 3232P16 | C8-DCRNR/L-55080-16 | | | | 5412 032-031[4)] | 5691 045-01 |
| DCRNR/L 855D | DCBNR/L 4040S16 | – | | | | | – |
| DCRNR/L 206D | DCBNR/L 3232P19 | C5-DCRNR/L-27060-19 | 5513 020-07 | 5322 236-01 (6.35/.250) | 5680 043-14 (20IP) | 5412 028-041 | 5691 029-09 |
| DCRNR/L 246D | DCBNR/L 4040S19 | C6-DCRNR/L-35065-19 | | | | | 5691 045-01 |
| | | C8-DCRNR/L-55080-19 | | | | | 5691 045-01 |

1) Piezas opcionales suministradas en pedido separado
2) Para piezas para juego de sujeción, ver páginas A359.
3) Juegos de sujeción para plaquitas cerámicas sin agujero
4) Juegos de sujeción para plaquitas cerámicas con agujero
5) Para boquillas opcionales, ver página A359.

# CoroTurn® RC diseño de sujeción rígida

| Pulgadas | Métrica | Coromant Capto® | 1 Tornillo de la placa de apoyo | 2 Placa de apoyo (para plaquita de grosor mm/pulgadas) | 3 Llave (Torx Plus) | 4[1)2)] Juego de sujeción completo | 5 Boquilla de refrigerante[6)] |
|---|---|---|---|---|---|---|---|
| 80° | | | | | | | |
| DCKNR/L 124B | DCKNR/L 2020K12 | C4-DCKNR/L-27050-12 | 5513 020-02 | 5322 234-01 (4.76/.187) | 5680 049-01 (15IP) | 5412 028-021 | 5691 029-08 |
| DCKNR/L 164D | DCKNR/L 2525M12 | C5-DCKNR/L-35060-12 | | 5322 234-02 (7.94/.312)[1)] | | 5412 034-021[3)] | 5691 029-09 |
| DCKNR/L 854D | DCKNR/L 3225P12 | C6-DCKNR/L-45065-12 | | | | 5412 032-021[4)] | 5691 029-09 |
| DCKNR/L 205D | DCKNR/L 3232P16 | C4-DCKNR/L-27050-16 | 5513 020-07 | 5322 234-03 (6.35/.250) | 5680 043-14 (20IP) | 5412 028-031 | 5691 045-01 |
| | DCKNR/L 4040S16 | C5-DCKNR/L-35060-16 | | 5322 234-04 (7.94/.312)[1)] | | 5412 034-031[3)] | 5691 029-09 |
| | | C6-DCKNR/L-45065-16 | | | | 5412 032-031[4)] | 5691 029-09 |
| | | C6-DCKNR/L-45065-19 | 5513 020-07 | 5322 236-01 (6.35/.250) | 5680 043-14 (20IP) | 5412 028-041 | 5691 029-09 |
| | | C8-DCKNR/L-55080-19 | | | | | 5691 029-09 |
| DCGNR/L 164D | | | 5513 020-02 | 5322 234-01 (4.76/.187) | 5680 049-01 (15IP) | 5412 028-021 | |
| DCGNR/L 204D | | | | 5322 234-02 (7.94/.312)[1)] | | 5412 034-021[3)] | |
| | | | | | | 5412 032-021[4)] | |
| DCGNR/L 206D | | | 5513 020-07 | 5322 236-01 (6.35/.250) | 5680 043-14 (20IP) | 5412 028-041 | |
| DCGNR/L 246D | | | | | | | |
| | | C5-DCMNN-00105-12 | 5513 020-02 | 5322 234-01 (4.76/.187) | 5680 049-01 (15IP) | 5412 028-021 | 5691 029-09 |
| | | C6-DCMNN-00090-12 | | 5322 234-02 (7.94/.312)[1)] | | 5412 034-021[3)] | - |
| | | C6-DCMNN-00115-12 | | | | 5412 032-021[4)] | 5691 029-10 |
| | | C6-DCMNN-00090-16 | 5513 020-07 | 5322 234-03 (6.35/.250) | 5680 043-14 (20IP) | 5412 028-031 | - |
| | | C8-DCMNN-00150-16 | | 5322 234-04 (7.94/.312)[1)] | | 5412 034-031[3)] | 5691 029-10 |
| | | | | | | 5412 032-031[4)] | |
| 55° | | | | | | | |
| | DDHNR/L 2020K15 | C4-DDHNR/L-27055-15 | 5513 020-02 | 5322 266-02 (6.35/.250) | 5680 049-01 (15IP) | 5412 028-021 | 5691 045-01 |
| | DDHNR/L 2525M15 | C5-DDHNR/L-35060-15 | | 5322 266-01 (4.76/.187)[1)] | | 5412 034-021[3)] | 5691 045-01 |
| | DDHNR/L 3225P15 | C6-DDHNR/L-45065-15 | | 5322 266-03 (7.94/.312)[1)] | | 5412 032-021[4)] | 5691 045-01 |
| | DDHNR/L 3232P15 | C8-DDHNR/L-55080-15 | | | | | 5691 045-01 |
| DDJNR/L 103A | DDJNR/L 1616H11 | C3-DDJNR/L-22045-11 | 5513 020-04 | 5322 267-01 (4.76/.187) | 5680 051-03 (9IP) | 5412 028-011 | 5691 045-01 |
| DDJNR/L 123C | DDJNR/L 2020K11 | C4-DDJNR/L-27050-11 | | | | | 5691 029-08 |
| DDJNR/L 163D | DDJNR/L 2525M11 | C5-DDJNR/L-35060-11 | | | | | 5691 029-09 |
| DDJNR/L 203D | DDJNR/L 3225P11 | C6-DDJNR/L-45065-11 | | | | | 5691 029-09 |
| DDJNR/L 243D | DDJNR/L 3232P11 | – | | | | | - |
| DDJNR/L 853D | | | | | | | |
| DDJNR/L 124B | | | 5513 020-02 | 5322 266-01(4.76/.187) | 5680 049 (15IP) | 5412 028-021 | |
| DDJNR/L 164C | | | | 5322 266-02 (6.35/.250)[1)] | | | |
| DDJNR/L 164D | | | | 5322 266-03 (7.94/.312)[1)] | | | |
| DDJNR/L 204D | | | | 5322 266-04 (4.76/.187)[5)] | | | |
| DDJNR/L 244D | | | | | | | |
| DDJNR/L 854D | | | | | | | |
| | DDJNR/L 2020K15 | C4-DDJNR/L-27055-15 | 5513 020-02 | 5322 266-02 (6.35/.250) | 5680 049-01 (15IP) | 5412 028-021 | 5691 029-08 |
| | DDJNR/L 2525M15 | C5-DDJNR/L-35060-15 | | 5322 266-01 (4.76/.187)[1)] | | 5412 034-021[3)] | 5691 045-01 |
| | DDJNR/L 3225P15 | C6-DDJNR/L-45065-15 | | 5322 266-03 (7.94/.312)[1)] | | 5412 032-021[4)] | 5691 029-09 |
| | DDJNR/L 3232P15 | C8-DDJNR/L-55080-15 | | | | | 5691 029-10 |
| | DDJNR/L 4040S15 | – | | | | | – |
| | | C4-DDUNR/L-27050-15 | 5513 020-02 | 5322 266-02 (6.35/.250) | 5680 049-01 (15IP) | 5412 028-021 | 5691 029-09 |
| | | C5-DDUNR/L-35060-15 | | 5322 266-01 (4.76/.187)[1)] | | 5412 034-021[3)] | 5691 029-09 |
| | | C6-DDUNR/L-45065-15 | | 5322 266-03 (7.94/.312)[1)] | | 5412 032-021[4)] | 5691 029-10 |
| | | C8-DDUNR/L-55080-15 | | | | | 5691 029-10 |
| DDPNN 123B | DDNNN 2020K11 | C4-DDNNN-00050-11 | 5513 020-04 | 5322 267-01 (4.76/.187) | 5680 051-03 (9IP) | 5412 028-011 | 5691 029-08 |
| DDPNN 163C | DDNNN 2525M11 | C5-DDNNN-00060-11 | | | | | 5691 045-01 |
| DDPNN 124B | DDNNN 2525M15 | C4-DDNNN-00055-15 | 5513 020-02 | 5322 266-02 (6.35/.250) | 5680 049-01 (15IP) | 5412 028-021 | 5691 029-08 |
| DDPNN 164D | DDNNN 3225P15 | C5-DDNNN-00060-15 | | 5322 266-01 (4.76/.187)[1)] | | 5412 034-021[3)] | 5691 045-01 |
| DDPNN 204D | DDNNN 3232P15 | C6-DDNNN-00065-15 | | 5322 266-03 (7.94/.312)[1)] | | 5412 032-021[4)] | 5691 045-01 |
| | DDNNN 4040S15 | C8-DDNNN-00080-15 | | | | | 5691 045-01 |
| | | C5-DDMNL-00115-15 | 5513 020-02 | 5322 266-02 (6.35/.250) | 5680 049-01 (15IP) | 5412 028-021 | 5691 029-09 |
| | | C6-DDMNL-00130-15 | | 5322 266-01 (4.76/.187)[1)] | | 5412 034-021[3)] | 5691 029-10 |
| | | C6-DDMNL-33120-15 | | 5322 266-03 (7.94/.312)[1)] | | 5412 032-021[4)] | - |
| | | C8-DDMNL-00160-15 | | | | | 5691 029-10 |
| DDQNR/L 123B | | | 5513 020-04 | 5322 267-01 (4.76/.187) | 5680 051-03 (9IP) | 5412 028-011 | |
| DDQNR/L 164D | | | 5513 020-02 | 5322 266-01 (4.76/.187) | 5680 049-01 (15IP) | 5412 028-021 | |
| DDQNR/L 204D | | | | 5322 266-02 (6.35/.250)[1)] | | 5412 034-021[3)] | |
| DDQNR/L 244D | | | | 5322 266-03 (7.94/.312)[1)] | | 5412 032-021[4)] | |
| | | | | 5322 266-04 (4.76/.187)[5)] | | | |

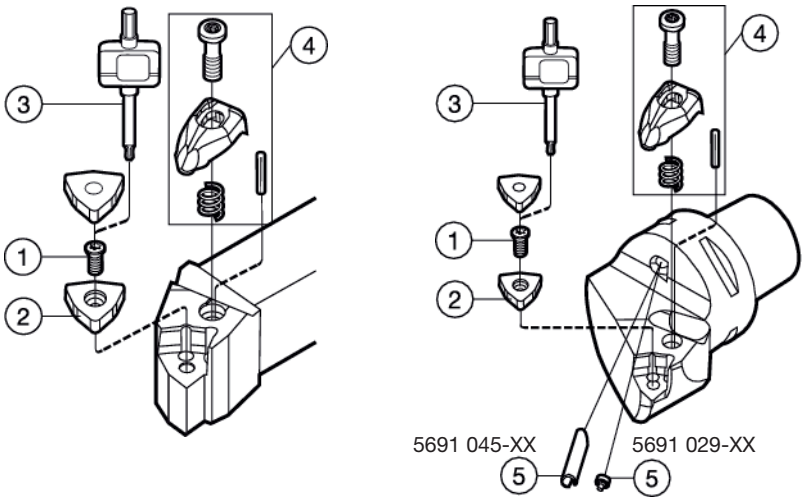
1) Piezas opcionales suministradas en pedido separado
2) Para piezas para juego de sujeción, ver páginas A359.
3) Juegos de sujeción para plaquitas cerámicas sin agujero
4) Juegos de sujeción para plaquitas cerámicas con agujero
5) Para plaquitas con radio de punta .016-.031
6) Para boquillas opcionales, ver página A359.

# CoroTurn® RC diseño de sujeción rígida

| | | 1 | 2 | 3 | 4[1)2)] | 5 | |
|---|---|---|---|---|---|---|---|
| Métrica | Coromant Capto® | Tornillo de la placa de apoyo | Placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo | Boquilla de refrigerante[5)] | Cubierta de sellado de refrigerante |
| | | | | | | | |
| DDHNR/L 2525M 1504 | C4-DDHNR/L-27055-1504 | 5513 020-02 | 5322 266-01 | 5680 049-01 (15IP) | 5412 028-021 | 5691 045-01 | |
| DDJNR/L 2020K 1504 | C5-DDHNR/L-35060-1504 | | | | 5412 034-021[3)] | 5691 045-01 | |
| DDJNR/L 2525M 1504 | C6-DDHNR/L-45065-1504 | | | | 5412 032-021[4)] | 5691 045-01 | |
| DDJNR/L 3225P 1504 | C8-DDHNR/L-55080-1504 | | | | | 5691 045-01 | |
| DDNNN 2525M 1504 | C4-DDJNR/L-27055-1504 | | | | | 5691 029-08 | |
| DDNNN 3225P 1504 | C5-DDJNR/L-35060-1504 | | | | | 5691 045-01 | |
| | C6-DDJNR/L-45065-1504 | | | | | 5691 029-09 | 5643 020-09 |
| | C8-DDJNR/L-55080-1504 | | | | | 5691 029-10 | |
| | C4-DDUNR/L-27050-1504 | | | | | 5691 029-08 | |
| | C5-DDUNR/L-35060-1504 | | | | | 5691 029-09 | 5643 020-09 |
| | C6-DDUNR/L-45065-1504 | | | | | 5691 029-09 | 5643 020-09 |
| | C8-DDUNR/L-55080-1504 | | | | | 5691 029-10 | |
| | C4-DDNNN-00055-1504 | | | | | 5691 029-08 | |
| | C5-DDNNN-00060-1504 | | | | | 5691 045-01 | |
| | C6-DDNNN-00065-1504 | | | | | 5691 045-01 | |
| | C8-DDNNN-00080-1504 | | | | | 5691 045-01 | |

1) Piezas opcionales suministradas en pedido separado
2) Para piezas para juego de sujeción, ver páginas A359.
3) Juegos de sujeción para plaquitas cerámicas sin agujero
4) Juegos de sujeción para plaquitas cerámicas con agujero
5) Para plaquitas con radio de punta .016-.031

# CoroTurn® RC diseño de sujeción rígida




| Pulgadas | Métrica | | Coromant Capto® | 1 Tornillo de la placa de apoyo | 2 Placa de apoyo (para plaquita de grosor mm/pulgadas) | 3 Llave (Torx Plus) | 4[1)2)] Juego de sujeción completo | 5 Boquilla de refrigerante[5)] |
|---|---|---|---|---|---|---|---|---|
| DRSNR/L 123B | DRSNR/L | 2020K09 | – | 5513 020-04 | 5322 156-01 (3.18/.125) | 5680 051-03 (9IP) | 5412 028-011 | – |
| DRSNR/L 164D | DRSNR/L | 2525M12 | C4-DRSNR/L-27050-12 | 5513 020-02 | 5322 155-02 (4.76/.187) | 5680 049-01 (15IP) | 5412 028-021 | 5691 029-08 |
| DRSNR/L 204D | | | C5-DRSNR/L-35060-12 | | | | 5412 034-021[3)] | 5691 045-01 |
| | | | C6-DRSNR/L-45065-12 | | | | 5412 032-021[4)] | 5691 045-01 |
| | DRSNR/L | 3225P15 | – | 5513 020-07 | 5322 155-04 (6.35/.250) | 5680 043-14 (20IP) | 5412 028-031 | – |
| | DRSNR/L | 3232P19 | – | 5513 020-07 | 5322 155-06 (6.35/.250) | 5680 043-14 (20IP) | 5412 028-041 | – |
| | DRSNR/L | 4040S25 | – | 5513 020-08 | 5322 155-07 (9.52/.375) | 5680 043-15 (25IP) | 5412 028-051 | – |
| DSDNN103A | DSDNN | 1616H09 | – | 5513 020-04 | 5322 426-01 (3.18/.125) | 5680 051-03 (9IP) | 5412 028-011 | – |
| | | | C3-DSDNN-00048-12 | 5513 020-02 | 5322 426-02 (4.76/.187) | 5680 049-01 (15IP) | 5412 028-021 | - |
| | | | | | | | 5412 034-021[3)] | |
| | | | | | | | 5412 032-021[4)] | |
| DSDNN 124B | DSDNN | 2020K12 | C4-DSDNN-00050-12 | 5513 020-02 | 5322 425-01 (4.76/.187) | 5680 049-01 (15IP) | 5412 028-021 | 5691 029-08 |
| DSDNN 164D | DSDNN | 2525M12 | C5-DSDNN-00060-12 | | 5322 425-02 (7.94/.312)[1)] | | 5412 034-021[3)] | 5691 045-01 |
| DSDNN 204D | DSDNN | 3225P12 | C6-DSDNN-00065-12 | | | | 5412 032-021[4)] | 5691 045-01 |
| DSDNN 244D | DSDNN | 3232P12 | – | | | | | – |
| DSDNN 854D | | | | | | | | |
| DSDNN 165D | DSDNN | 2525M15 | C5-DSDNN-00060-15 | 5513 020-07 | 5322 425-03 (6.35/.250) | 5680 043-14 (20IP) | 5412 028-031 | 5691 045-01 |
| DSDNN 205D | | | C6-DSDNN-00065-15 | | 5322 425-05 (7.94/.312)[1)] | | 5412 034-031[3)] | 5691 045-01 |
| DSDNN 245D | | | | | | | 5412 032-031[4)] | |
| DSDNN 206D | DSDNN | 3225P19 | C5-DSDNN-00065-19 | 5513 020-07 | 5322 425-04 (6.35/.250) | 5680 043-14 (20IP) | 5412 028-041 | 5691 045-01 |
| DSDNN 856D | DSDNN | 3232P19 | C6-DSDNN-00070-19 | | | | | 5691 045-01 |
| DSDNN 248D | DSDNN | 4040S25 | C8-DSDNN-00080-25 | 5513 020-08 | 5322 425-07 (7.94/.312) | 5680 043-15 (25IP) | 5412 028-051 | 5691 045-01 |
| | | | | | 5322 425-08 (9.52/.375)[1)] | | | |
| | DSKNR/L | 2020K09 | – | 5513 020-04 | 5322 426-01 (3.18/.125) | 5680 051-03 (9IP) | 5412 028-011 | - |
| DSKNR/L 123B | | | C3-DSKNR/L-22040-12 | 5513 020-02 | 5322 426-02 (4.76/.187) | 5680 049-01 (15IP) | 5412 028-021 | 5691 029-08 |
| | | | | | | | 5412 034-021[3)] | |
| | | | | | | | 5412 032-021[4)] | |
| DSKNR/L 124B | DSKNR/L | 2020K12 | C4-DSKNR/L-27050-12 | 5513 020-02 | 5322 425-01 (4.76/.187) | 5680 049-01 (15IP) | 5412 028-021 | 5691 029-08 |
| DSKNR/L 164D | DSKNR/L | 2525M12 | C5-DSKNR/L-35060-12 | | 5322 425-02 (7.94/.312)[1)] | | 5412 034-021[3)] | 5691 029-09 |
| DSKNR/L 854D | DSKNR/L | 3225P12 | C6-DSKNR/L-45065-12 | | | | 5412 032-021[4)] | 5691 029-09 |
| DSKNR/L 205D | DSKNR/L | 3232P15 | C5-DSKNR/L-35060-15 | 5513 020-07 | 5322 425-03 (6.35/.250) | 5680 043-14 (20IP) | 5412 028-031 | 5691 029-09 |
| | | | C6-DSKNR/L-45065-15 | | 5322 425-05 (7.94/.312)[1)] | | 5412 034-031[3)] | 5691 029-09 |
| | | | | | | | 5412 032-031[4)] | |
| DSKNR/L 206B | DSKNR/L | 3232P19 | C6-DSKNR/L-45065-19 | 5513 020-07 | 5322 425-04 (6.35/.250) | 5680 043-14 (20IP) | 5412 028-041 | 5691 029-09 |
| DSKNR/L 246D | DSKNR/L | 4040S19 | C6-DSKNR/L-45065-19 | | | | | 5691 045-01 |
| | | | C8-DSKNR/L-55080-19 | | | | | 5691 045-01 |
| DSKNR/L 328F | DSKNR/L | 5050T25 | C8-DSKNR/L-55080-25 | 5513 020-08 | 5322 425-07 (7.94/.312) | 5680 043-15 (25IP) | 5412 028-051 | 5691 045-01 |
| | | | | | 5322 425-08 (9.52/.375)[1)] | | | |

1) Piezas opcionales suministradas en pedido separado
2) Para piezas para juego de sujeción, ver páginas A359.
3) Juegos de sujeción para plaquitas cerámicas sin agujero
4) Juegos de sujeción para plaquitas cerámicas con agujero
5) Para boquillas opcionales, ver página A359.

# CoroTurn® RC diseño de sujeción rígida

| Pulgadas | Métrica | Coromant Capto® | 1<br>Tornillo de la placa de apoyo | 2<br>Placa de apoyo (para plaquita de grosor mm/pulgadas) | 3<br>Llave (Torx Plus) | 4[1)2)]<br>Juego de sujeción completo | 5<br>Boquilla de refrigerante[5)] |
|---|---|---|---|---|---|---|---|
| DSRNR/L 103B | DSBNR/L 1616H09 | – | 5513 020-04 | 5322 426-01 (3.18/.125) | 5680 051-03 (9IP) | 5412 028-011 | – |
| DSRNR/L 123B | DSBNR/L 2020K09 | – | | | | | – |
| DSRNR/L 163C | DSBNR/L 2525M09 | – | | | | | – |
| | | C3-DSRNR/L-19048-12 | 5513 020-02 | 5322 426-02 (4.76/.187) | 5680 049-01 (15IP) | 5412 028-021<br>5412 034-021[3)]<br>5412 032-021[4)] | - |
| DSRNR/L 124BM1 | DSBNR/L 2525M12 | C4-DSRNR/L-22050-12 | 5513 020-02 | 5322 425-01 (4.76/.187) | 5680 049-01 (15IP) | 5412 028-021 | 5691 045-01 |
| DSRNR/L 164DM1 | DSBNR/L 2020K12 | C5-DSRNR/L-27060-12 | | 5322 425-02 (7.94/.312)[1)] | | 5412 034-021[3)] | 5691 045-01 |
| DSRNR/L 204DM1 | DSBNR/L 3225P12 | C6-DSRNR/L-35065-12 | | | | 5412 032-021[4)] | 5691 045-01 |
| DSRNR/L 244DM1 | DSBNR/L 3232P12 | – | | | | | – |
| DSRNR/L 854D | DSBNR/L 4040S12 | – | | | | | – |
| DSRNR/L 165D | DSBNR/L 2525M15 | C5-DSRNR/L-27060-15 | 5513 020-07 | 5322 425-03 (6.35/.250) | 5680 043-14 (20IP) | 5412 028-031 | 5691 045-01 |
| DSRNR/L 205D | DSBNR/L 3225P15 | C6-DSRNR/L-35065-15 | | 5322 425-05 (7.94/.312)[1)] | | 5412 034-031[3)] | 5691 045-01 |
| DSRNR/L 855D | DSBNR/L 3232P15 | – | | | | 5412 032-031[4)] | – |
| DSRNR/L 166DM1 | DSBNR/L 3232P19 | C6-DSRNR/L-35065-19 | 5513 020-07 | 5322 425-04 (6.35/.250) | 5680 043-14 (20IP) | 5412 028-041 | 5691 045-01 |
| DSRNR/L 206DM1 | DSBNR/L 4040S19 | C5-DSRNR/L-27060-19 | | | | | 5691 045-01 |
| DSRNR/L 246D | | C8-DSRNR/L-45080-19 | | | | | 5691 045-01 |
| DSRNR/L 248E | DSBNR/L 4040S25 | C8-DSRNR/L-45080-25 | 5513 020-08 | 5322 425-07 (7.94/.312) | 5680 043-15 (25IP) | 5412 028-051 | 5691 045-01 |
| DSRNR/L 328F | DSBNR/L 5050T25 | – | | 5322 425-08 (9.52/.375)[1)] | | | – |
| DSSNR/L 103B | DSSNR/L 1616H09 | | 5513 020-04 | 5322 426-01 (3.18/.125) | 5680 051-03 (9IP) | 5412 028-011 | – |
| DSSNR/L 123B | DSSNR/L 2020K09 | | | | | | – |
| DSSNR/L 163D | DSSNR/L 2525M09 | | | | | | – |
| | | C3-DSSNR/L-22040-12 | 5513 020-02 | 5322 426-02 (4.76/.187) | 5680 049-01 (15IP) | 5412 028-021<br>5412 034-021[3)]<br>5412 032-021[4)] | - |
| DSSNR/L 124B | DSSNR/L 2020K12 | C4-DSSNR/L-27042-12 | 5513 020-02 | 5322 425-01 (4.76/.187) | 5680 049-01 (15IP) | 5412 028-021 | 5691 029-08 |
| DSSNR/L 164D | DSSNR/L 2525M12 | C5-DSSNR/L-35052-12 | | 5322 425-02 (7.94/.312)[1)] | | 5412 034-021[3)] | 5691 029-09 |
| DSSNR/L 854D | DSSNR/L 3225P12 | C6-DSSNR/L-45056-12 | | | | 5412 032-021[4)] | 5691 045-01 |
| | DSSNR/L 3232P12 | | | | | | – |
| DSSNR/L 165D | DSSNR/L 2525M15 | C4-DSSNR/L-27045-15 | 5513 020-07 | 5322 425-03 (6.35/.250) | 5680 043-14 (20IP) | 5412 028-031 | 5691 029-08 |
| DSSNR/L 205D | DSSNR/L 3225P15 | C5-DSSNR/L-35050-15 | | 5322 425-05 (7.94/.312)[1)] | | 5412 034-031[3)] | 5691 029-09 |
| DSSNR/L 855D | DSSNR/L 3232P15 | C6-DSSNR/L-45054-15 | | | | 5412 032-031[4)] | 5691 045-01 |
| DSSNR/L 206D | DSSNR/L 3232P19 | C5-DSSNR/L-35048-19 | 5513 020-07 | 5322 425-04 (6.35/.250) | 5680 043-14 (20IP) | 5412 028-041 | 5691 029-09 |
| DSSNR/L 246E | DSSNR/L 4040S19 | C6-DSSNR/L-45052-19 | | | | | 5691 029-09 |
| DSSNR/L 866D | | | | | | | |
| DSSNR/L 248E | DSSNR/L 4040S25 | C8-DSSNR/L-55070-25 | 5513 020-08 | 5322 425-07 (7.94/.312)<br>5322 425-08 (9.52/.375)[1)] | 5680 043-15 (25IP) | 5412 028-051 | 5691 045-01 |
| DTFNR/L 103A | DTFNR/L 1616H16 | | 5513 020-04 | 5322 316-01 (4.76/.187) | 5680 051-03 (9IP) | 5412 028-011 | – |
| DTFNR/L 123B | DTFNR/L 2020K16 | C4-DTFNR/L-27050-16 | 5513 020-04 | 5322 315-02 (4.76/.187) | 5680 051-03 (9IP) | 5412 028-011 | 5691 045-01 |
| DTFNR/L 163D | DTFNR/L 2525M16 | C5-DTFNR/L-35060-16 | | | | | 5691 045-01 |
| | DTFNR/L 3225P16 | C6-DTFNR/L-45065-16 | | | | | 5691 045-01 |
| DTFNR/L 164D | DTFNR/L 2525M22 | C4-DTFNR/L-27050-22 | 5513 020-02 | 5322 315-04 (4.76/.187) | 5680 049-01 (15IP) | 5412 028-021 | 5691 045-01 |
| DTFNR/L 204D | DTFNR/L 3225P22 | C5-DTFNR/L-35060-22 | | | | 5412 034-021[3)] | 5691 045-01 |
| DTFNR/L 244D | DTFNR/L 3232P22 | C6-DTFNR/L-45065-22 | | | | 5412 032-021[4)] | 5691 045-01 |
| DTFNR/L 854D | | | | | | | |
| DTFNR/L 205D | DTFNR/L 3232P27 | | 5513 020-07 | 5322 315-05 (.6.35/250) | 5680 043-14 (20IP) | 5412 028-031 | – |
| DTFNR/L 245D | DTFNR/L 4040S27 | | | | | | – |
| DTFNR/L 248D | DTFNR/L 4040S33 | | 5513 020-07 | 5322 315-06 (7.94/.312)<br>5522 315-07 (9.52/.375) | 5680 043-14 (20IP) | 5412 028-041 | – |
| DTGNR/L 103A | DTGNR/L 1616H16 | | 5513 020-04 | 5322 316-01 (4.76/.187) | 5680 051-03 (9IP) | 5412 028-011 | – |
| DTGNR/L 123B | DTGNR/L 2020K16 | C4-DTGNR/L-27050-16 | 5513 020-04 | 5322 315-02 (4.76/.187) | 5680 051-03 (9IP) | 5412 028-011 | 5691 045-01 |
| DTGNR/L 163D | DTGNR/L 2525M16 | C5-DTGNR/L-35060-16 | | | | | 5691 045-01 |
| DTGNR/L 853D | DTGNR/L 3225P16 | C6-DTGNR/L-45065-16 | | | | | 5691 045-01 |
| DTGNR/L 164D | DTGNR/L 2525M22 | C4-DTGNR/L-27050-22 | 5513 020-02 | 5322 315-04 (4.76/.187) | 5680 049-01 (15IP) | 5412 028-021 | 5691 045-01 |
| DTGNR/L 204D | DTGNR/L 3225P22 | C5-DTGNR/L-35060-22 | | | | 5412 034-021[3)] | 5691 045-01 |
| DTGNR/L 854D | DTGNR/L 3232P22 | C6-DTGNR/L-45065-22 | | | | 5412 032-021[4)] | 5691 045-01 |
| DTGNR/L 205D | DTGNR/L 3232P27 | | 5513 020-07 | 5322 315-05 (6.35/.250) | 5680 043-14 (20IP) | 5412 028-031 | – |
| DTGNR/L 245D | DTGNR/L 4040S27 | | | | | | – |
| DTGNR/L 246D | | | 5513 020-07 | 5322 315-06 (7.94/.312) | 5680 043-14 (20IP) | 5412 028-041 | |
| | DTJNR/L 1616H16 | | 5513 020-04 | 5322 316-01 (4.76/.187) | 5680 051-03 (9IP) | 5412 028-011 | – |
| DTJNR/L 123B | DTJNR/L 2020K16 | C3-DTJNR/L-22040-16 | 5513 020-04 | 5322 315-02 (4.76/.187) | 5680 051-03 (9IP) | 5412 028-011 | - |
| DTJNR/L 163D | DTJNR/L 2525M16 | C4-DTJNR/L-27050-16 | | | | | 5691 045-01 |
| DTJNR/L 203D | DTJNR/L 3225P16 | C5-DTJNR/L-35060-16 | | | | | 5691 045-01 |

1) Piezas opcionales suministradas en pedido separado

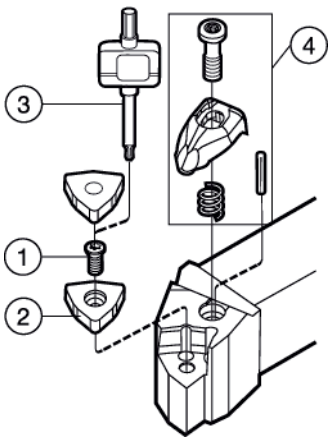
2) Para piezas para juego de sujeción, ver páginas A359.

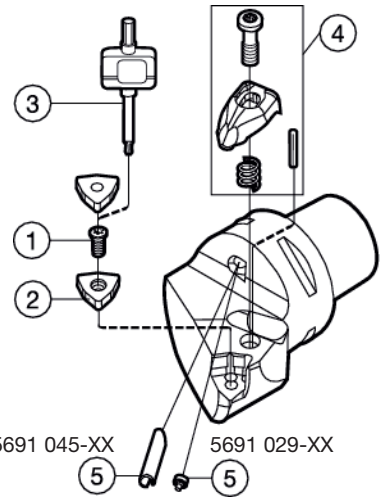
3) Juegos de sujeción para plaquitas cerámicas sin agujero

4) Juegos de sujeción para plaquitas cerámicas con agujero

5) Para boquillas opcionales, ver página A308.

# CoroTurn® RC diseño de sujeción rígida



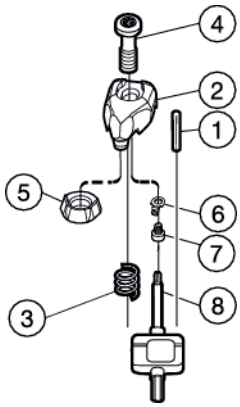

| Pulgadas | Métrica | | Coromant Capto® | 1 Tornillo de la placa de apoyo | 2 Placa de apoyo (para plaquita de grosor mm/pulgadas) | 3 Llave (Torx Plus) | 4[1)2)] Juego de sujeción completo | 5 Boquilla de refrigerante[5)] |
|---|---|---|---|---|---|---|---|---|
| DTJNR/L 164D | DTJNR/L | 2525M22 | C6-DTJNR/L-45065-16 | 5513 020-02 | 5322 315-04 (4.76/.187) | 5680 049-01 (15IP) | 5412 028-021 | 5691 045-01 |
| DTJNR/L 204D | DTJNR/L | 3225P22 | C4-DTJNR/L-27050-22 | | | | | 5691 045-01 |
| DTJNR/L 854D | DTJNR/L | 3232P22 | C5-DTJNR/L-35060-22 | | | | 5412 034-021[3)] | 5691 045-01 |
| | | | C6-DTJNR/L-45065-22 | | | | 5412 032-021[4)] | 5691 045-01 |
| DTJNR/L 205D | DTJNR/L | 3232P27 | C6-DTJNR/L-45065-27 | 5513 020-07 | 5322 315-05 (6.35/.250) | 5680 043-14 (20IP) | 5412 028-31 | 5691 045-01 |
| DTJNR/L 245D | DTJNR/L | 4040S27 | | | | | | |
| DTRNR/L 123B | | | | 5513 020-04 | 5322 316-01 (4.76/.187) | 5680 051-03 (9IP) | 5412 028-011 | – |
| DTRNR/L 163D | | | | 5513 020-02 | 5322 315-04 (4.76/.187) | 5680 049-01 (15IP) | 5412 028-021 | |
| DTRNR/L 164D | | | | | | | 5412 034-021[3)] | |
| | | | | | | | 5412 032-021[4)] | |
| DTTNR/L 103B | DTTNR/L | 1616H16 | | 5513 020-04 | 5322 316-01 (4.76/.187) | 5680 051-03 (9IP) | 5412 028-011 | – |
| DTTNR/L 123B | DTTNR/L | 2020K16 | C4-DTTNR/L-22050-16 | 5513 020-04 | 5322 315-02 (4.76/.187) | 5680 051-03 (9IP) | 5412 028-011 | 5691 029-08 |
| | | | C5-DTTNR/L-27060-16 | | | | | 5691 029-09 |
| DTTNR/L 164B | DTTNR/L | 2525M22 | C5-DTTNR/L-27060-22 | 5513 020-02 | 5322 315-04 (4.76/.187) | 5680 049-01 (15IP) | 5412 028-021 | 5691 029-09 |
| | DTTNR/L | 3225P22 | C6-DTTNR/L-35065-22 | | | | 5412 034-021[3)] | 5691 029-09 |
| | | | | | | | 5412 032-021[4)] | |
| 35° | | | | | | | | |
| DVTNR/L 163D | DVPNR/L | 2525M16 | | 5513 020-09 | 5322 269-01 (4.76/.187) | 5680 049-01 (15IP) | 5412 028-061 | – |
| DVTNR/L 203D | DVPNR/L | 3225P16 | | | | | | – |
| DVTNR/L 243D | DVPNR/L | 3232P16 | | | | | | – |
| | DVPNR/L | 4040S16 | | | | | | – |
| DVJNR/L 123B | DVJNR/L | 2020K16 | C4-DVJNR/L-27062-16 | 5513 020-09 | 5322 269-01 (4.76/.187) | 5680 049-01 (15IP) | 5412 028-061 | 5691 029-08 |
| DVJNR/L 163D | DVJNR/L | 2525M16 | C5-DVJNR/L-35065-16 | | | | | 5691 029-09 |
| DVJNR/L 203D | DVJNR/L | 3225P16 | C6-DVJNR/L-45065-16 | | | | | 5691 029-09 |
| DVJNR/L 243D | DVJNR/L | 3232P16 | C8-DVJNR/L-55080-16 | | | | | 5691 029-10 |
| | DVJNR/L | 4040S16 | | | | | | – |
| DVVNN 103B | DVVNN | 2020K16 | C4-DVVNN-00062-16 | 5513 020-09 | 5322 269-01 (4.76/.187) | 5680 049-01 (15IP) | 5412 028-061 | 5691 029-08 |
| DVVNN 163D | DVVNN | 2525M16 | C5-DVVNN-00065-16 | | | | | 5691 045-01 |
| DVVNN 203D | DVVNN | 3225P16 | C6-DVVNN-00065-16 | | | | | 5691 045-01 |
| DVVNN 243D | DVVNN | 3232P16 | C8-DVVNN-00080-16 | | | | | 5691 045-01 |
| | DVVNN | 4040S16 | | | | | | – |
| | | | C8-DVMNL-00160-16 | 5513 020-09 | 5322 269-01 (4.76/.187) | 5680 049-01 (15IP) | 5412 028-061 | 5691 029-10 |
| 80° | | | | | | | | |
| DWLNR/L 103B | DWLNR/ | 1616H06 | C3-DWLNR/L-22040-06 | 5513 020-04 | 5322 328-01 (4.76/.187) | 5680 051-03 (9IP) | 5412 028-011 | - |
| DWLNR/L 123C | DWLNR/ | 2020K06 | C4-DWLNR/L-27050-06 | | | | | 5691 029-08 |
| DWLNR/L 163D | DWLNR/ | 2525M06 | C5-DWLNR/L-35060-06 | | | | | 5691 045-01 |
| DWLNR/L 203D | DWLNR/ | 3225P06 | C6-DWLNR/L-45065-06 | | | | | 5691 045-01 |
| DWLNR/L 124C | DWLNR/ | 2020K08 | C4-DWLNR/L-27050-08 | 5513 020-02 | 5322 331-12 (4.76/.187) | 5680 049-01 (15IP) | 5412 028-021 | 5691 029-08 |
| DWLNR/L 164D | DWLNR/ | 2525M08 | C5-DWLNR/L-35060-08 | | 5322 331-13 (6.35/.250) | | 5412 034-021[3)] | 5691 045-01 |
| DWLNR/L 204D | DWLNR/ | 3225P08 | C6-DWLNR/L-45065-08 | | | | 5412 032-021[4)] | 5691 045-01 |
| | DWLNR/ | 3232P08 | C8-DWLNR/L-55080-08 | | | | | 5691 045-01 |
| | DWLNR/ | 4040S08 | | | | | | – |

1) Para piezas para juego de sujeción, ver páginas A359.
2) Piezas opcionales suministradas en pedido separado
3) Juegos de sujeción para plaquitas cerámicas sin agujero
4) Juegos de sujeción para plaquitas cerámicas con agujero
5) Para boquillas opcionales, ver página A308.

# Piezas para juego de sujeción CoroTurn® RC

| Plaquita Tipo/tamaño | | | | | | | -2 | -4 | Sujeción opcional para plaquitas de metal duro |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Juego de sujeción estándar para plaquitas de metal duro | Juego de sujeción para plaquita de cerámica con agujero | Juego de sujeción para plaquita lisa de cerámica sin agujero | Para mecanizado pesado |
| CNM.09 (3/8) | DNM.11 (3/8) | SNM.09 (3/8) | TNM.16 (3/8) | WNM.06 (3/8) | – | 5412 028-011 | – | – | |
| CNM.12 (1/2) | DNM.15 (1/2) | SNM.12 (1/2) | TNM.22 (1/2) | WNM.08 (1/2) | – | 5412 028-021 | 5412 032-021 | 5412 034-021 | 5412 029-02 |
| CNM.16 (5/8) | – | SNM.15 (5/8) | TNM.27 (5/8) | – | – | 5412 028-031 | 5412 032-031 | 5412 034-031 | 5412 029-03 |
| CNM.19 (3/4) | – | SNM.19 (3/4) | TNM.33 (3/4) | – | – | 5412 028-041 | – | – | 5412 029-04 |
| CNM.25 (1) | – | SNM.25 (1) | – | – | – | 5412 028-051 | – | – | |
| – | – | | – | – | VNM.16 (3/8) | 5412 028-061 | – | – | |

Nota.
Al pasar de un grosor de plaquita a otro, la altura del filo también cambiará. Para compensarlo se debe cambiar la placa de apoyo.

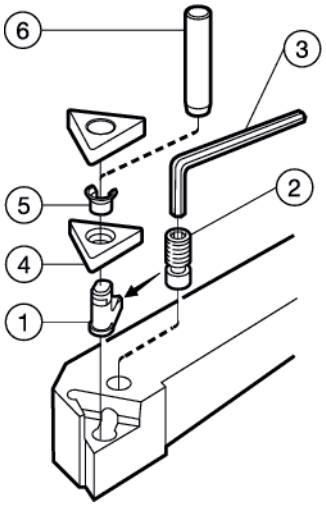


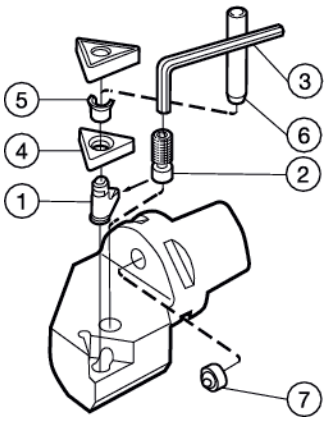

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|
| Juego de sujeción completo | Pasador | Amarre | Muelle de compresión | Tornillo | Placa de presión | Gancho | Tornillo | Llave (Torx Plus) |
| 5412 028-011 | 3113 030-255 | 5412 028-01 | 5561 001-57 | 5512 086-01 | – | – | – | – |
| 5412 028-021 | 3113 030-307 | 5412 028-02 | 5561 001-58 | 5512 086-02 | – | – | – | – |
| 5412 028-031 | 3113 030-307 | 5412 028-03 | 5561 001-59 | 5512 086-03 | – | – | – | – |
| 5412 028-041 | 3113 030-307 | 5412 028-04 | 5561 001-59 | 5512 086-03 | – | – | – | – |
| 5412 028-051 | 3113 030-307 | 5412 028-05 | 5561 001-61 | 5512 086-04 | – | – | – | – |
| 5412 028-061 | 3113 030-307 | 5412 028-06 | 5561 001-58 | 5512 086-02 | – | – | – | – |
| 5412 032-021 | 3113 030-307 | 5412 032-02 | 5561 001-58 | 5512 086-02 | 5192 030-02 | 5411 012-01 | 5512 097-01 | 5680 051-02 (7IP) |
| 5412 032-031 | 3113 030-307 | 5412 032-03 | 5561 001-59 | 5512 086-03 | 5192 030-03 | 5411 012-01 | 5512 097-01 | 5680 051-02 (7IP) |
| 5412 034-021 | 3113 030-307 | 5412 034-02 | 5561 001-58 | 5512 086-02 | 5192 030-02 | 5411 012-01 | 5512 097-01 | 5680 051-02 (7IP) |
| 5412 034-031 | 3113 030-307 | 5412 034-03 | 5561 001-59 | 5512 086-03 | 5192 030-03 | 5411 012-01 | 5512 097-01 | 5680 051-02 (7IP) |

Boquillas opcionales de metal para presión de refrigerante hasta 80 bar
Se debe pedir por separado

| Boquilla estándar | Boquilla para una presión máxima de 80 bar |
|---|---|
| 5691 029-08 | 5691 034-01 |
| 5691 029-09 | 5691 034-02 |
| 5691 029-10 | 5691 034-03 |

# Diseño de palanca T-Max P




Boquilla para unidades de corte Coromant Capto®

| Tamaño de unidad de corte | 7<br>Boquilla |
|---|---|
| C3–C4 | 5691 029-08 |
| C5–C6 | 5691 029-09 |
| C8 | 5691 029-10 |

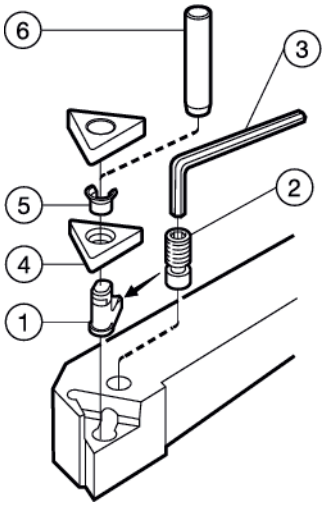
| Portaplaquitas con mango | Coromant Capto® | 1<br>Palanca | 2<br>Tornillo |
|---|---|---|---|
| 80° | | | |
| PCBNR/L 2525M12 | | 174.3-841M | 174.3-821 |
| PCBNR/L 2525M16<br>PCBNR/L 3225P16<br>PCBNR/L 3232P16 | | 438.3-840 | 438.3-831 |
| PCBNR/L 3232P19<br>PCBNR/L 4040S19 | | 174.3-842M | 174.3-822M |
| PCLNR/L 1616H09 | C3-PCLNR/L-22040-09 | 174.3-840M | 174.3-820M |
| PCLNR/L 2020K09 | C4-PCLNR/L-27050-09 | | |
| PCLNR/L 2525M09 | C5-PCLNR/L-35060-09 | | |
| PCLNR/L 1616H12-M | | 174.3-848M | 174.3-858 |
| PCLNR/L 2020K12 | C3-PCLNR/L-22040-12 | 174.3-841M | 174.3-821 |
| PCLNR/L 2525M12 | C4-PCLNR/L-27050-12 | | |
| PCLNR/L 3225P12 | C5-PCLNR/L-35060-12 | | |
| | C6-PCLNR/L-45065-12 | | |
| | C8-PCLNR/L-55080-12 | | |
| PCLNR/L 2525M16 | C4-PCLNR/L-27050-16 | 438.3-840 | 438.3-831 |
| PCLNR/L 3225P16 | C5-PCLNR/L-35060-16 | | |
| PCLNR/L 3232P16 | C6-PCLNR/L-45065-16 | | |
| | C8-PCLNR/L-55080-16 | | |
| PCLNR/L 2525M19 | C5-PCLNR/L-35060-19 | 174.3-842M | 174.3-822M |
| PCLNR/L 3225P19 | C6-PCLNR/L-45065-19 | | |
| PCLNR/L 3232P19 | C8-PCLNR/L-55080-19 | | |
| PCLNR/L 4040S19 | | | |
| PCLNR/L 4040S25 | C8-PCLNR/L-55080-25 | 174.3-844M | 174.3-827 |
| PCLNR/L 5050T25 | | | |
| | C3-PCRNR/L-17040-12 | 174.3-841M | 174.3-821 |
| | C4-PCRNR/L-22050-12 | | |
| | C5-PCRNR/L-27060-12 | | |
| | C6-PCRNR/L-35065-12 | | |
| | C4-PCRNR/L-22050-16 | 438.3-840 | 438.3-831 |
| | C5-PCRNR/L-27060-16 | | |
| | C6-PCRNR/L-35065-16 | | |
| | C5-PCRNR/L-27060-19 | 174.3-842M | 174.3-822M |
| | C6-PCRNR/L-35065-19 | | |
| 55° | | | |
| PDJNR/L 1616H11 | | 5432 001-01 | 174.3-820M |
| PDJNR/L 2020K11 | | | |
| PDJNR/L 2525M11 | | | |
| PDJNR/L 3225P11 | | | |
| C3-PDJNR/L 22045-11 | | 5432 001-01 | 5322 255-01 |
| C4-PDJNR/L 27050-11 | | | |
| C5-PDJNR/L 35060-11 | | | |
| C6-PDJNR/L 45065-11 | | | |
| PDJNR/L 2020K15 | | 174.3-847M | 174.3-830 |
| PDJNR/L 2525M15 | | | |
| PDJNR/L 3225P15 | | | |
| PDJNR/L 3232P15 | | | |
| C4-PDJNR/L 27065-15 | | 174.3-847M | 171.35-851M |
| C5-PDJNR/L 35060-15 | | | |
| R/L171.35-4025-15 | | 174.3-847M | 174.3-830 |
| R/L171.35-5032-15 | | | |
| Negativa | | | |
| PRGNR/L 2020K09 | | 174.3-840M | 174.3-820M |
| PRGNR/L 2525M12 | | 174.3-841M | 174.3-821 |
| PRGNR/L 3225P15 | | 174.3-843M | 174.3-825 |
| PRGNR/L 3232P19 | | 174.3-842M | 174.3-822M |
| PRGNR/L 4040S25 | | 174.3-844M | 174.3-827 |

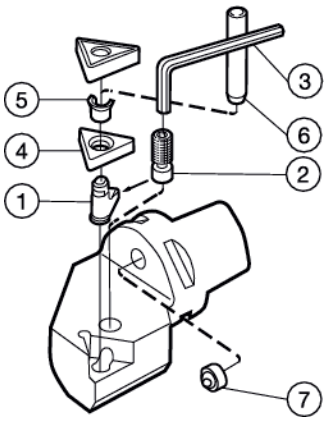
1) Piezas opcionales suministradas en pedido separado

# Diseño de palanca T-Max P

| 3 | 4 | | 5 | 6 |
|---|---|---|---|---|
| Llave (mm) | Placa de apoyo (para plaquita de grosor mm/pulgadas) | Radio mm/pulgadas | Pasador de la placa de apoyo | Punzón de montaje |
| 174.1-864 (3.0) | 171.31-850M (4.76/.187) | 0.4-1.6/.016-.063 | 174.3-861 | 174.3-871 |
| 174.1-864 (3.0) | 171.31-852 (6.35/.250) | 0.4-2.4/.016-.094 | 174.3-864 | 174.3-873 |
| 3021 010-040 (4.0) | 171.31-851M (6.35/.250) | 0.4-2.4/.016-.094 | 174.3-862 | 174.3-872 |
| 170.3-860 (2.5) | 5322 230-02 (3.18/.125) | 0.4-1.2/.016-.047 | 174.3-863 | 174.3-870 |
| 174.1-864 (3.0) | 171.31-850M (4.76/.187) | 0.4-1.6/.016-.063 | 174.3-861 | 174.3-871 |
| 174.1-864 (3.0) | 171.31-850M (4.76/.187) | 0.4-1.6/.016-.063 | 174.3-861 | 174.3-871 |
| 174.1-864 (3.0) | 171.31-852 (6.35/.250) | 0.4-2.4/.016-.094 | 174.3-864 | 174.3-873 |
| 3021 010-040 (4.0) | 171.31-851M (6.35/.250) | 0.4-2.4/.016-.094 | 174.3-862 | 174.3-872 |
| 3021 010-050 (5.0) | 5322 230-01 (9.52/.375) | 2.4-3.2/.094-.126 | 174.3-865 | 174.3-874 |
| 174.1-864 (3.0) | 171.31-850M (4.76/.187) | 0.4-1.6/.016-.063 | 174.3-861 | 174.3-871 |
| 174.1-864 (3.0) | 171.31-852 (6.35/.250) | 0.4-2.4/.016-.094 | 174.3-864 | 174.3-873 |
| 3021 010-040 (4.0) | 171.31-851M (6.35/.250) | 0.4-2.4/.016-.094 | 174.3-862 | 174.3-872 |
| 174.1-863 (2.5) | 5322 255-01 (4.76/.187)<br>5322 255-02 (4.76/.187)[1)] | 0.4-0.8/.016-.031<br>0.4-1.6/.016-.063 | 174.3-860 | 174.3-870 |
| 174.1-863 (2.5) | – | – | 174.3-860 | 174.3-870 |
| 174.1-864 (3.0) | 171.35-851M (6.35/.250)<br>171.35-850M (6.35/.250)[1)]<br>171.35-856 (4.76/.187)[1)]<br>171.35-855 (4.76/.187)[1)] | 0.4-0.8/.016-.031<br>1.2-1.6/.047-.063<br>0.4-0.8/.016-.031<br>1.2-1.6/.047-.063 | 174.3-861 | 174.3-871 |
| 174.1-864 (3.0) | – | – | 174.3-861 | 174.3-871 |
| 174.1-864 (3.0) | 171.35-851M (6.35/.250)<br>171.35-850M (6.35/.250)[1)]<br>171.35-856 (4.76/.187)[1)]<br>171.35-855 (4.76/.187)[1)] | 0.4-0.8/.016-.031<br>1.2-1.6/.047-.063<br>0.4-0.8/.016-.031<br>1.2-1.6/.047-.063 | 174.3-861 | 174.3-871 |
| 170.3-860 (2.5) | 176.3-850 (3.18/.125) | – | 174.3-863 | 174.3-870 |
| 174.1-864 (3.0) | 176.3-851M (4.76/.187) | – | 174.3-861 | 174.3-871 |
| 174.1-864 (3.0) | 176.3-854M (6.35/.250) | – | 174.3-864 | 174.3-873 |
| 3021 010-040 (4.0) | 176.3-852M (6.35/.250) | – | 174.3-862 | 174.3-872 |
| 3021 010-050 (5.0) | 176.3-853M (9.52/.375) | – | 174.3-865 | 174.3-874 |

# Diseño de palanca T-Max P




| | | 1 | 2 |
|---|---|---|---|
| Portaplaquitas con mango | Coromant Capto® | Palanca | Tornillo |
| Positivo | | | |
| PRGCR/L 2020K10 | | 176.39-840 | 174.3-834 |
| PRGCR/L 2525M10 | | | |
| PRGCR/L 2020K12 | | 5432 005-01 | 174.3-820M |
| PRGCR/L 2525M12 | | | |
| PRGCR/L 3225P12 | | | |
| PRGCR/L 2525M16 | | 176.39-842 | 174.3-833 |
| PRGCR/L 3225P16 | | | |
| PRGCR/L 3232P20 | C8-PRSCR/L-55080-20 | 176.39-843 | 174.3-825 |
| PRGCR/L 4040S25 | C6-PRSCR/L-45065-25 | 176.39-844 | 174.3-832 |
| | C8-PRSCR/L-55080-25 | | |
| PRGCR/L 5050T32 | C8-PRSCR/L-55080-32 | 176.39-845 | 174.3-827 |
| PRDCN-2020-10 | | 176.39-840 | 174.3-834 |
| PRDCN-2525-12 | | 5432 005-01 | 174.3-820M |
| PRDCN-3225-12 | | | |
| PRDCN-3225-16 | | 176.39-842 | 174.3-833 |
| PRDCN-3232-20 | | 176.39-843 | 174.3-825 |
| PRDCN-4040-25 | C6-PRDCN-00065-25A | 176.39-844 | 174.3-832 |
| | C8-PRDCN-00080-25A | | |
| PRDCN-5050-32 | C8-PRDCN-00065-32A | 176.39-845 | 174.3-827 |
| PSRNR/L 1212F09 | | 174.3-845-1 | 174.3-829 |
| PSBNR/L 1616H09 | C3-PSRNR/L-17040-09 | 174.3-840M | 174.3-820M |
| PSBNR/L 2020K09 | C4-PSRNR/L-22050-09 | | |
| PSBNR/L 2525M09 | | | |
| PSBNR/L 2020K12 | C3-PSRNR/L-17040-12 | 174.3-841M | 174.3-821 |
| PSBNR/L 2525M12 | C4-PSRNR/L-22050-12 | | |
| PSBNR/L 3225P12 | C5-PSRNR/L-27060-12 | | |
| | C6-PSRNR/L-35065-12 | | |
| PSBNR/L 2525M15 | C4-PSRNR/L-22050-15 | 438.3-840 | 438.3-831 |
| PSBNR/L 3225P15 | C5-PSRNR/L-27060-15 | | |
| PSBNR/L 3232P15 | C6-PSRNR/L-35065-15 | | |
| PSBNR/L 3232P19 | C5-PSRNR/L-27060-19 | 174.3-842M | 174.3-822M |
| PSBNR/L 4040S19 | C6-PSRNR/L-35065-19 | | |
| | C8-PSRNR/L-45080-19 | | |
| PSBNR/L 4040S25 | | | |
| PSBNR/L 5050T25 | C8-PSRNR/L-45080-25 | 174.3-844M | 174.3-827 |
| PSSNR/L 1616H09 | | 174.3-840M | 174.3-820M |
| PSSNR/L 2020K09 | | | |
| PSSNR/L 2525M09 | | | |
| PSSNR/L 2020K12 | C3-PSSNR/L-22032-12 | 174.3-841M | 174.3-821 |
| PSSNR/L 2525M12 | C4-PSSNR/L-27042-12 | | |
| PSSNR/L 3225P12 | C5-PSSNR/L-35052-12 | | |
| | C6-PSSNR/L-45065-12 | | |
| PSSNR/L 2525M15 | C4-PSSNR/L-27040-15 | 438.3-840 | 438.3-831 |
| PSSNR/L 3225P15 | C5-PSSNR/L-35050-15 | | |
| PSSNR/L 3232P15 | C6-PSSNR/L-45054-15 | | |
| PSSNR/L 3232P19 | C6-PSSNR/L-35048-19 | 174.3-842M | 174.3-822M |
| PSSNR/L 4040S19 | C8-PSSNR/L-45052-19 | | |
| PSSNR/L 4040S25 | | 174.3-844M | 174.3-827 |
| PSDNN 1010E09 | | 174.3-845-1 | 174.3-829 |
| PSDNN 1212F09 | | | |
| PSDNN 1616H09 | | 174.3-840M | 174.3-820M |
| PSDNN 2020K12 | C3-PSDNN- 00040-12 | 174.3-841M | 174.3-821 |
| PSDNN 2525M12 | C4-PSDNN- 00050-12 | | |
| PSDNN 3225P12 | C5-PSDNN- 00060-12 | | |
| | C6-PSDNN- 00065-12 | | |
| | C4-PSDNN- 00050-15 | 438.3-840 | 438.3-831 |
| | C5-PSDNN- 00060-15 | | |
| | C6-PSDNN- 00065-15 | | |

1) Para plaquita RMCT 10T3M0

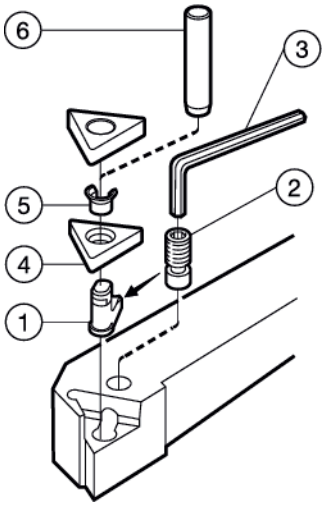
2) Piezas opcionales suministradas en pedido separado

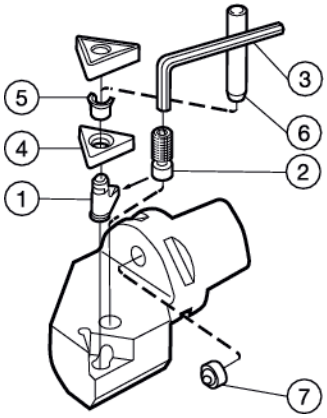
| Boquilla para unidades de corte Coromant Capto® | |
|---|---|
| Tamaño de unidad de corte | 7<br>Boquilla |
| C3–C4 | 5691 029-08 |
| C5–C6 | 5691 029-09 |
| C8 | 5691 029-10 |

# Diseño de palanca T-Max P

| Llave (mm) | Placa de apoyo (para plaquita de grosor mm/pulgadas) | Radio mm/pulgadas | Pasador de la placa de apoyo (para plaquita de grosor mm/pulgadas) | Punzón de montaje |
|---|---|---|---|---|
| 170.3-864 (1.98) | 176.39-850 (3.18/.125)<br>5322 150-01 (3.97/.157)[1)] | –<br>– | 174.3-860<br>174.3-860 (3.97/.156) | 174.3-870 |
| 170.3-860 (2.5) | 176.39-851 (4.76/.187) | – | 174.3-863 | 174.3-870 |
| 170.3-860 (2.5) | 176.39-852 (6.35/.250) | – | 174.3-867 | 174.3-871 |
| 174.1-864 (3.0) | 176.39-853 (6.35/.250) | – | 174.3-864 | 174.3-873 |
| 3021 010-040 (4.0) | 176.39-854 (7.94/.313) | – | 174.3-862 | 174.3-872 |
| 3021 010-050 (5.0) | 176.39-855 (9.52/.374) | – | 174.3-865 | 174.3-874 |
| 170.3-864 (1.98) | 176.39-850 (3.18/.125)<br>5322 150-01 (3.97/.156)[1)] | – | 174.3-860<br>174.3-860 (3.97/.156) | 174.3-870 |
| 170.3-860 (2.5) | 176.39-851 (4.76/.187) | – | 174.3-863 | 174.3-870 |
| 170.3-860 (2.5) | 176.39-852 (6.35/.250) | – | 174.3-867 | 174.3-871 |
| 174.1-864 (3.0) | 176.39-853 (6.35/.250) | – | 174.3-864 | 174.3-873 |
| 3021 010-040 (4.0) | 176.39-854 (7.94/.313) | – | 174.3-862 | 174.3-872 |
| 3021 010-050 (5.0) | 176.39-855 (9.52/.374) | – | 174.3-865 | 174.3-874 |
| 174.1-870 (1.98) | – | – | – | – |
| 170.3-860 (2.5) | 174.3-850 (3.18/.125) | 0.4-1.2/.016 – .047 | 174.3-863 | 174.3-870 |
| 174.1-864 (3.0) | 174.3-851M (4.76/.187)<br>174.3-856 (4.76/.187)[2)] | 0.4-1.2/.016 – .047<br>1.6-2.4/.063 – .094 | 174.3-861 | 174.3-871 |
| 174.1-864 (3.0) | 174.3-857 (6.35/.250) | 0.4-2.4/.016 – .094 | 174.3-864 | 174.3-873 |
| 3021 010-040 (4.0) | 174.3-852M (6.35/.250) | 0.8-2.4/.031 – .094 | 174.3-862 | 174.3-872 |
| 3021 010-050 (5.0) | 174.3-853M (7.94/.313) | 1.6-3.2/.063 – .126 | 174.3-865 | 174.3-874 |
| 170.3-860 (2.5) | 174.3-850 (3.18/.125) | .0.4-1.2/016 – .047 | 174.3-863 | 174.3-870 |
| 174.1-864 (3.0) | 174.3-851M (4.76/.187)<br>174.3-856 (4.76/.187)[2)] | 0.4-1.2/.016 – .047<br>1.6-2.4/.063 – .094 | 174.3-861 | 174.3-871 |
| 174.1-864 (3.0) | 174.3-857 (6.35/.250) | 0.4-2.4/.016 – .094 | 174.3-864 | 174.3-873 |
| 3021 010-040 (4.0) | 174.3-852M (6.35/.250) | 0.8-2.4/.031 – .094 | 174.3-862 | 174.3-872 |
| 3021 010-050 (5.0) | 174.3-853M (7.94/.313) | 1.6-3.2/.063 – .126 | 174.3-865 | 174.3-874 |
| 174.1-870 (1.98) | – | – | – | – |
| 170.3-860 (2.5) | 174.3-850 (3.18/.125) | 0.4-1.2/.016 – .047 | 174.3-863 | 174.3-870 |
| 174.1-864 (3.0) | 174.3-851M (4.76/.187)<br>174.3-856 (4.76/.187)[2)] | 0.4-1.2/.016 – .047<br>1.6-2.4/.063 – .094 | 174.3-861 | 174.3-871 |
| 174.1-864 (3.0) | 174.3-857 (6.35/.250) | 1.6-2.4/.063 – .094 | 174.3-864 | 174.3-873 |

# Diseño de palanca T-Max P




Boquilla para unidades de corte Coromant Capto®

| Tamaño de unidad de corte | 7<br>Boquilla |
|---|---|
| C3–C4 | 5691 029-08 |
| C5–C6 | 5691 029-09 |
| C8 | 5691 029-10 |

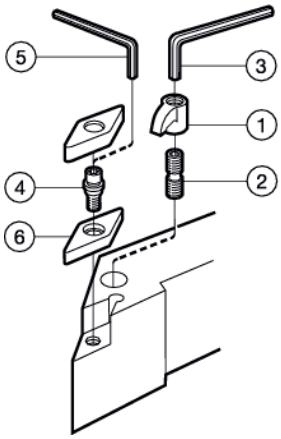
| Portaplaquitas con mango | Coromant Capto® | 1<br>Palanca | 2<br>Tornillo |
|---|---|---|---|
| ■ | | | |
| PSDNN 3225P19<br>PSDNN 3232P19 | C5-PSDNN- 00060-19<br>C6-PSDNN- 00065-19 | 174.3-842M | 174.3-822M |
| PSDNN 4040S25 | C6-PSDNN- 00065-25<br>C8-PSDNN- 00080-25 | 174.3-844M | 174.3-827 |
| PSKNR/L 1616H09<br>PSKNR/L 2020K09 | C3-PSKNR/L- 22040-09<br>C4-PSKNR/L- 27050-09 | 174.3-840M | 174.3-820M |
| PSKNR/L 2020K12<br>PSKNR/L 2525M12<br>PSKNR/L 3225P12 | C3-PSKNR/L- 22040-12<br>C4-PSKNR/L- 27050-12<br>C5-PSKNR/L- 35060-12<br>C6-PSKNR/L- 45065-12 | 174.3-841M | 174.3-821 |
| PSKNR/L 2525M15 | C4-PSKNR/L- 27050-15<br>C5-PSKNR/L- 35060-15<br>C6-PSKNR/L- 45065-15 | 438.3-840 | 438.3-831 |
| PSKNR/L 3232P19<br>PSKNR/L 4040S19 | C5-PSKNR/L- 35060-19<br>C6-PSKNR/L- 45065-19<br>C8-PSKNR/L- 55080-19 | 174.3-842M | 174.3-822M |
| PSKNR/L 5050T25 | C8-PSKNR/L- 55080-25 | 174.3-844M | 174.3-827 |
| ▲ | | | |
| PTDNR/L 2525M22 | | 174.3-841M | 174.3-821 |
| PTFNR/L 1212F11 | | 174.3-846-1 | 174.3-829 |
| PTFNR/L 1616H16<br>PTFNR/L 2020K16<br>PTFNR/L 2525M16 | C3-PTFNR/L 22040-16<br>C4-PTFNR/L 27050-16<br>C5-PTFNR/L 35060-16<br>C6-PTFNR/L 45065-16 | 174.3-840M | 174.3-820M |
| PTFNR/L 2525M22<br>PTFNR/L 3225P22<br>PTFNR/L 3232P22 | C4-PTFNR/L 27050-22<br>C5-PTFNR/L 35060-22<br>C6-PTFNR/L 45065-22 | 174.3-841M | 174.3-821 |
| PTFNR/L 3232P27<br>PTFNR/L 4040S27 | C6-PTFNR/L 45065-27 | 174.3-843M | 174.3-825 |
| PTFNR/L 4040S33 | | 174.3-842M | 174.3-822M |
| PTGNR/L 1010E11<br>PTGNR/L 1212F11<br>PTGNR/L 1616H11<br>PTGNR/L 2020K11<br>PTGNR/L 2525M11 | C3-PTGNR/L 22040-11<br>C4-PTGNR/L 27050-11 | 174.3-846-1 | 174.3-829 |
| PTGNR/L 1616H16<br>PTGNR/L 2020K16<br>PTGNR/L 2525M16<br>PTGNR/L 3225P16 | C3-PTGNR/L 22040-16<br>C4-PTGNR/L 27050-16<br>C5-PTGNR/L 35060-16<br>C6-PTGNR/L 45065-16 | 174.3-840M | 174.3-820M |
| PTGNR/L 2525M22<br>PTGNR/L 3225P22<br>PTGNR/L 3232P22 | C4-PTGNR/L 27050-22<br>C5-PTGNR/L 35060-22<br>C6-PTGNR/L 45065-22 | 174.3-841M | 174.3-821 |
| PTGNR/L 3232P27<br>PTGNR/L 4040S27 | C6-PTGNR/L 45065-27 | 174.3-843M | 174.3-825 |
| | C3-PTJNR/L 22040-11<br>C4-PTJNR/L 27050-11 | 174.3-846-1 | 174.3-829 |
| | C3-PTJNR/L 22040-16<br>C4-PTJNR/L 27050-16<br>C5-PTJNR/L 35060-16<br>C6-PTJNR/L 45065-16 | 174.3-840M | 174.3-820M |
| | C4-PTJNR/L 27050-22<br>C4-PTJNR/L 27050-22<br>C5-PTJNR/L 35060-22<br>C6-PTJNR/L 45065-22 | 174.3-841M | 174.3-821 |
| PTTNR/L 1010E11<br>PTTNR/L 1212F11 | | 174.3-846-1 | 174.3-829 |
| PTTNR/L 1616H16<br>PTTNR/L 2020K16 | C4-PTTNR/L 22050-16<br>C5-PTTNR/L 27060-16 | 174.3-840M | 174.3-820M |
| PTTNR/L 2525M22<br>PTTNR/L 3225P22 | C5-PTTNR/L 27060-22<br>C6-PTTNR/L 35065-22 | 174.3-841M | 174.3-821 |
| R/L 177.3-1010F-11 | | 174.3-846-1 | 174.3-829 |

1) Piezas opcionales suministradas en pedido separado

# Diseño de palanca T-Max P

| 3 | 4 | | 5 | 6 |
|---|---|---|---|---|
| Llave (mm) | Placa de apoyo (para plaquita de grosor mm/pulgadas) | Radio mm/pulgadas | Pasador de la placa de apoyo | Punzón de montaje |
| 3021 010-040 (4. 0) | 174.3-852M (6.35/.250) | 0.8-2.4/.031 – .094 | 174.3-862 | 174.3-872 |
| 3021 010-050 (5.0) | 174.3-853M (7.94/.313) | 1.6-3.2/.063 – .126 | 174.3-865 | 174.3-874 |
| 170.3-860 (2.5) | 174.3-850 (3.18/.125) | 0.4-1.2/.016 – .047 | 174.3-863 | 174.3-870 |
| 174.1-864 (3.0) | 174.3-851M (4.76/.187)<br>174.3-856 (4.76/187)[1)] | 0.4-1.2/.016 – .047<br>1.6-2.4/.063 – .094 | 174.3-861 | 174.3-871 |
| 174.1-864 (3.0) | 174.3-857 (6.35/.250) | 0.4-2.4/.016 – .094 | 174.3-864 | 174.3-873 |
| 3021 010-040 (4.0) | 174.3-852M (6.35/.250) | 0.8-2.4/.031 – .094 | 174.3-862 | 174.3-872 |
| 3021 010-050 (5.0) | 174.3-853M (7.94/.313) | 1.6-3.2/.063 – .126 | 174.3-865 | 174.3-874 |
| 174.1-864 (3.0) | 179.3-852M (4.76/.187)<br>179.3-853M (4.76/.187)[1)] | 1.2-1.6/.047 – .063<br>0.4-0.8/.016 – .031 | 174.3-861 | 174.3-871 |
| 170.3-864 (1.98) | – | – | – | – |
| 170.3-860 (2.5) | 179.3-850M (4.76/.187)<br>179.3-858 (4.76/.187)[1)] | 0.4-0.8/.016 – .031<br>1.2-1.6/.047 – .063 | 174.3-860 | 174.3-870 |
| 174.1-864 (3.0) | 179.3-852M (4.76/.187)<br>179.3-853M (4.76/.187)[1)] | 1.2-1.6/.047 – .063<br>0.4-0.8/.016 – .031 | 174.3-861 | 174.3-871 |
| 174.1-864 (3.0) | 179.3-854M (6.35/.250)<br>179.3-857 (6.35/.250)[1)] | 0.8-1.2/.031 – .047<br>1.6-2.4/.061 – .094 | 174.3-864 | 174.3-873 |
| 3021 010-040 (4.0) | 179.3-855M (7.94/.313) | 1.6-2.4/.061 – .094 | 174.3-866 | 174.3-872 |
| 170.3-864 (1.98) | – | – | – | – |
| 170.3-860 (2.5) | 179.3-850M (4.76/.187)<br>179.3-858 (4.76/.187)[1)] | 0.4-0.8/.016 – .031<br>1.2-1.6/.047 – .063 | 174.3-860 | 174.3-870 |
| 174.1-864 (3.0) | 179.3-852M (4.76/.187)<br>179.3-853M (4.76/.187)[1)] | 1.2-1.6/.047 – .063<br>0.4-0.8/.016 – .031 | 174.3-861 | 174.3-871 |
| 174.1-864 (3.0) | 179.3-854M (6.35/.250)<br>179.3-857 (6.35/.250)[1)] | 0.8-1.2/.031 – .047<br>1.6-2.4/.061 – .094 | 174.3-864 | 174.3-873 |
| 170.3-864 (1.98) | – | – | – | – |
| 170.3-860 (2.5) | 179.3-850M (4.76/.187)<br>179.3-858M (4.76/.187)[1)] | 0.4-0.8/.016 – .031<br>1.2-1.6/.047 – .061 | 174.3-860 | 174.3-870 |
| 174.1-864 (3.0) | 179.3-852M (4.76/.187)<br>179.3-853M (4.76/.187)[1)] | 1.2-1.6/.047 – .061<br>0.4-0.8/.016 – .031 | 174.3-861 | 174.3-871 |
| 170.3-864 (1.98) | – | – | – | – |
| 170.3-860 (2.5) | 179.3-850M (4.76/.187)<br>179.3-858M (4.76/.187)[1)] | 0.4-0.8/.016 – .031<br>1.2-1.6/.047 – .061 | 174.3-860 | 174.3-870 |
| 174.1-864 (3.0) | 179.3-852M (4.76/.187)<br>179.3-853M (4.76/.187)[1)] | 1.2-1.6/.047 – .061<br>0.4-0.8/.016 – .031 | 174.3-861 | 174.3-871 |
| 170.3-864 (1.98) | – | – | – | – |

# Diseño de sujeción superior con excéntrica y brida superior T-Max P

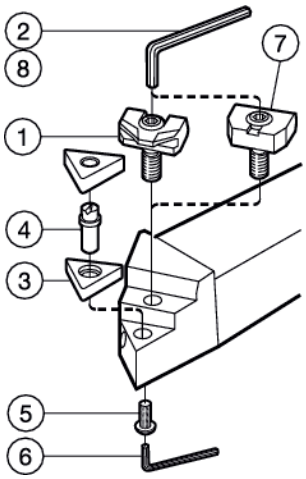


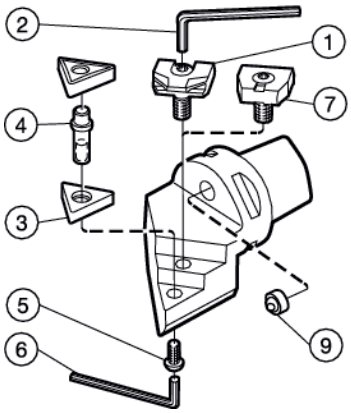

| | | 1 | 2 |
|---|---|---|---|
| Portaplaquitas con mango | Coromant Capto® | Amarre | Tornillo de sujeción |
| 35° | | | |
| MVJNR/L 2020K16<br>MVJNR/L 2525M16<br>MVJNR/L 3225P16 | C4-MVJNR/L-27050-16<br>C5-MVJNR/L-35060-16 | MC-12 | MS-510 |

# Diseño de sujeción superior con excéntrica y brida superior T-Max P

| 3 | 4 | 5 | 6 | |
|---|---|---|---|---|
| Llave (mm) | Pasador de blocaje | Llave (mm) | Placa de apoyo (para plaquita de grosor mm/pulgadas) | Radio mm/pulgadas |
| 3021 011-532 (3.96) | MN-34L | 174.1-870 (1.98) | MVN-322 (4.76/.188) | 0.4-1.2/.016-.047 |

# Diseño de sujeción con cuña T-Max P




| Portaplaquitas con | | | 1 | 2 |
|---|---|---|---|---|
| Pulgadas | Métrica | Coromant Capto® | Juego de brida-cuña | Llave (mm) |
| ■ | MSSNR/L 2525M12 | | 181.38-824-1 | 174.1-864 (3.0) |
| | MSSNR/L 3232P19 | | 181.38-825-1 | 3021 010-040 (4.0) |
| | MSSNR/L 4040S25 | – | 181.38-826-1 | 3021 010-050 (5.0) |
| | | C8-MSSNR/L 55070-25 | 181.38-826-1 | 3021 010-050 (5.0) |
| ▲ | MTJNR/L 2020K16M1<br>MTJNR/L 2525M16M1<br>MTJNR/L 3225P16M1 | | 170.38-820-1 | 174.1-863 (2.5) |
| | | C3-MTJNR/L 22040-16<br>C4-MTJNR/L 27050-16<br>C5-MTJNR/L 35060-16 | 170.38-820-1 | 174.1-863 (2.5) |
| | MTJNR/L 2525M22M1<br>MTJNR/L 3225P22M1 | | 170.38-821-1 | 174.1-864 (3.0) |
| | | C4-MTJNR/L 27050-22<br>C5-MTJNR/L 35060-22<br>C6-MTJNR/L 45065-22 | 170.38-821-1 | 174.1-864 (3.0) |
| | | C6-MTJNR/L 45065-27<br>C6-MTJNR/L 45065-27 | 170.38-822-1 | 174.1-864 (3.0) |
| | MTGNR/L 2525M22M1<br>MTGNR/L 3225P22M1<br>MTGNR/L 3232P22M1 | | 170.38-821-1 | 174.1-864 (3.0) |
| | MTENN 2525M22M1<br>MTENN 3225P22M1<br>MTENN 3232P22M1 | | 170.38-821-1 | 174.1-864 (3.0) |
| WTENN-164C<br>WTENN-164D<br>WTENN-854D | | | A170.38-821-1 | 174.1-871 (1/8) |
| WTFNR/L-164D | | | A170.38-821-1 | 174.1-871 (1/8) |
| WTGNR/L-164D<br>WTGNR/L-854D | | | A170.38-821-1 | 174.1-871 (1/8) |
| WTJNR/L-123B | | | A170.38-820-1 | 265.2-818 (3/32) |
| WTJNR/L-163D<br>WTJNR/L-203D | | | A170.38-820-1 | 265.2-818 (3/32) |
| WTJNR/L-164C<br>WTJNR/L-164D<br>WTJNR/L-204D<br>WTJNR/L-854D | | | A170.38-821-1 | 174.1-871 (1/8) |
| WTJNR/L-205D<br>WTENN-205D<br>WTJNR/L-245D | | | A170.38-822-1 | 174.1-871 (1/8) |
| | R/L 170.38-4025-16M1 | | 170.38-820-1 | 174.1-863 (2.5) |
| | L 170.38-4025-22M1<br>R 170.38-5032-22M1 | | 170.38-821-1 | 174.1-864 (3.0) |
| | | | | |
| MWLNR/L-123C<br>MWLNR/L-123D<br>MWLNR/L-163D<br>MWLNR/L-203D<br>MWLNR/L-243D | MWLNR/L 2020K06<br>MWLNR/L 2525M06 | C3-MWLNR/L-22040-06<br>C4-MWLNR/L-27050-06 | 5431 125-011 | 170.3-860 (2.5) |
| MWLNR/L-124C<br>MWLNR/L-164D<br>MWLNR/L-204D<br>MWLNR/L-244D | MWLNR/L 2020K08<br>MWLNR/L 2525M08<br>MWLNR/L 3225P08 | C4-MWLNR/L-27050-08<br>C5-MWLNR/L-35060-08 | 5431 125-021 | 174.1-864 (3.0) |

1) Piezas opcionales suministradas en pedido separado

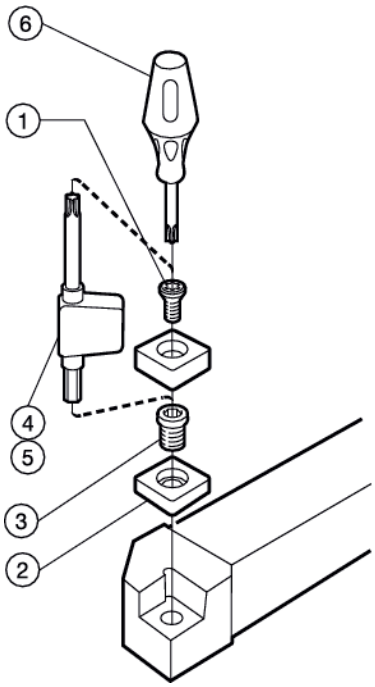
Boquilla para unidades de corte Coromant Capto®

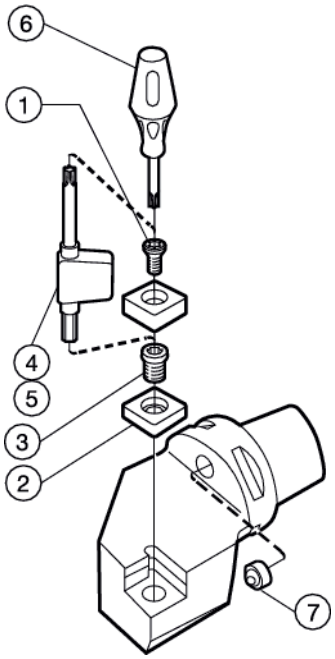
| Tamaño de unidad de corte | 9<br>Boquilla |
|---|---|
| C3–C4 | 5691 029-08 |
| C5–C6 | 5691 029-09 |
| C8 | 5691 029-10 |

# Diseño de sujeción con cuña T-Max P

| 3 | | 4 | 5 | 6 | 7[1] | 8[1] |
|---|---|---|---|---|---|---|
| Placa de apoyo (para plaquita de grosor mm/pulgadas) | Radio mm/pulgadas | Pasador | Tornillo | Llave (mm) | Juego de cuña | Llave (mm) |
| 181.38-850 (4.76/.188) | 0.4-0.8/.016 – .031 | 181.38-840 | 3212 010-255 | 174.1-864 (3.0) | 181.38-820-1 | – |
| 181.38-851 (6.35/.250) | 0.8-2.4/.031 – .094 | 181.38-841 | 3212 010-306 | 174.1-864 (3.0) | 181.38-821-1 | – |
| 181.38-852 (7.94/.314)<br>181.38-853 (9.52/.375)[1] | 1.6-2.4/.063 – .094<br>2.4-3.2/.094 – .125 | 181.38-842 | 3212 100-357 | 3021 010-040 (4.0) | 181.38-822-1 | – |
| 181.38-852 (7.94/.314)<br>181.38-853 (9.52/.375)[1]<br>5322 420-04 (7.94/.314)[1]<br>5322 420-03 (9.52/.375)[1] | 1.6-2.4/.063 – .094<br>2.4/.094<br>4.7/.125<br>4.7/.125 | 181.38-842 | 3212 100-357 | 3021 010-040 (4.0) | – | – |
| 170.3-852 (4.76/.188) | 0.4-1.6/.016 - .063 | 5313 021-02 | 3212 010-206 | 174.1-863 (2.5) | 170.38-823-1 | 174.1-864 (3.0) |
| 170.3-852 (4.76/.188) | 0.4-1.6/.016 -.063 | 5313 021-02 | 3212 010-206 | 174.1-863 (2.5) | 170.38-823-1 | 174.1-864 (3.0) |
| 170.3-855 (4.76/.188)<br>170.3-856 (4.76/.188)[1] | 1.2-1.6/.048 - .063<br>0.4-0.8/.016 – .031 | 181.38-840 | 3212 010-255 | 174.1-864 (3.0) | 170.38-824-1 | 3021 010-040 (4.0) |
| 170.3-855 (4.76/.188)<br>170.3-856 (4.76/.188)[1] | 1.2-1.6/.048 - .063<br>0.4-0.8/.016 – .031 | 181.38-840 | 3212 010-255 | 174.1-864 (3.0) | 170.38-824-1 | 3021 010-040 (4.0) |
| 170.3-854 (6.35/.250)<br>170.3-857[1] | 0.8-1.6/.031 – .063<br>.094[1] | 5313 021-04 | 3212 100-307 | 3021 010-040 (4.0) | 170.38-825-1 | 3021 010-040 (4.0) |
| 170.3-855 (4.76/.188)<br>170.3-856 (4.76/.188)[1] | 1.2-1.6/.048 - .063<br>0.4-0.8/.016 – .031 | 181.38-840 | 3212 010-255 | 174.1-864 (3.0) | 170.38-824-1 | 3021 010-040 (4.0) |
| 170.3-855 (4.76/.188)<br>170.3-856 (4.76/.188)[1] | 1.2-1.6/.048 - .063<br>0.4-0.8/.016 – .031 | 181.38-840 | 3212 010-255 | 174.1-864 (3.0) | 170.38-824-1 | 3021 010-040 (4.0) |
| 170.3-859 (4.76/.188)<br>170.3-855 (6.35/.250)[1] | 0.4-1.6/.016-.063 | 170.3-836M-1[2] | – | 174.1-871 (1/8) | – | – |
| 170.3-859 (4.76/.188) | 0.4-1.6/.016-.063 | 170.3-836M-1[2] | – | 174.1-871 (1/8) | – | – |
| 170.3-859 (4.76/.188) | 0.4-1.6/.016-.063 | 170.3-836M-1[2] | 3212 010-206 | 174.1-871 (1/8) | – | – |
| 170.3-852 (4.76/.188) | 0.4-1.6/.016-.063 | 5313 021-02 | 5512 030-03 | 174.1-863 (2.5) | – | – |
| 170.3-852 (4.76/.188) | 0.4-1.6/.016-.063 | 5313 021-02 | 3212 010-206 | 174.1-863 (2.5) | – | – |
| 170.3-859 (4.76/.188) | 0.4-1.6/.016-.063 | 170.3-836M-1[2] | – | 174.1-871 (1/8) | – | – |
| 170.3-858 (6.35/.250) | 0.8-1.6/.031-.063 | 170.3-848M-1[2] | – | 3021 010-040 (4.0) | – | – |
| 170.3-852 (4.76/.188) | 0.4-1.6/.016 - .063 | 5313 021-02 | 3212 010-206 | 174.1-863 (2.5) | 170.38-823-1 | 174.1-864 (3.0) |
| 170.3-855 (4.76/.188)<br>170.3-856 (4.76/.188)[1] | 1.2-1.6/.048 - .063<br>0.4-0.8/.016 – .031 | 181.38-840 | 3212 010-255 | 174.1-864 (3.0) | 170.38-824-1 | 3021 010-040 (4.0) |
| 5322 331-06 | – | 5313 022-01 | 5512 030-03 | 170.3-864 (1.98) | – | – |
| 5322 331-07 (4.76/.188)<br>5322 331-08 (4.76/.188)[1] | 0.4-0.8/.016 – .031<br>1.2-1.6/.048 – .063 | 5313 022-03 | 3212 010-255 | 174.1-864 (3.0) | – | – |

# Diseño de sujeción por tornillo CoroTurn® 107




Boquilla para unidades de corte Coromant Capto®

| Tamaño de unidad de corte | 7 Boquilla |
|---|---|
| C3–C4 | 5691 029-08 |
| C5–C6 | 5691 029-09 |
| C8 | 5691 029-10 |

| Portaplaquitas con mango | | | 1 |
|---|---|---|---|
| Pulgadas | Métrica | Coromant Capto® | Tornillo de plaquita (rosca) |
| 80° | | | |
| SCACR/L 062C-S | SCACR/L 0808K06-S | | 5513 020-03 (M2.5) |
| SCACR/L 082C-S | SCACR/L 1010K06-S | | |
| SCACR/L 102C-S | SCACR/L 1212K06-S | | |
| | SCACR/L 1616K06-S | | |
| SCACR/L 083C-S | SCACR/L 1212K09-S | | 5513 020-09 (M3.5) |
| SCACR/L 103C-S | SCACR/L 1616K09-S | | |
| SCACR/L 123C-S | | | |
| SCLCR/L 062C-S | SCLCR/L 0808K06-S | | 5513 020-03 (M2.5) |
| SCLCR/L 082C-S | SCLCR/L 1010K06-S | | |
| SCLCR/L 102C-S | SCLCR/L 1212K06-S | | |
| SCLCR/L 083C-S | SCLCR/L 1616K06-S | | |
| SCLCR/L 103C-S | SCLCR/L 1212K09-S | | 5513 020-09 (M3.5) |
| SCLCR/L 123C-S | SCLCR/L 1616K09-S | | |
| SCLCR/L 062 | SCLCR/L 0808D06 | | 5513 020-03 (M2.5) |
| | SCLCR/L 1010E06 | | |
| SCLCR/L 063 | SCLCR/L 1212F09-M | | 5513 020-10 (M3.5) |
| SCLCR/L 103 | SCLCR/L 1616H09 | C3-SCLCR/L-22040-09 | 5513 020-01 (M3.5) |
| SCLCR/L 123B | SCLCR/L 2020K09 | C4-SCLCR/L-27050-09 | |
| SCLCR/L 163D | | C5-SCLCR/L-35060-09 | |
| | | C6-SCLCR/L-45065-09 | |
| SCLCR/L 124B | SCLCR/L 2020K12 | C3-SCLCR/L-22040-12 | 5513 020-18 (M4x0.5) |
| SCLCR/L 164D | SCLCR/L 2525M12 | C4-SCLCR/L-27050-12 | |
| SCLCR/L 204D | | C5-SCLCR/L-35060-12 | |
| | | C6-SCLCR/L-45065-12 | |
| 55° | | | |
| SDACR/L 062C-S | SDACR/L 0808K07-S | | 5513 020-03 (M2.5) |
| SDACR/L 082C-S | SDACR/L 1010K07-S | | |
| SDACR/L 102C-S | SDACR/L 1212K07-S | | |
| | SDACR/L 1616K07-S | | |
| SDACR/L 083C-S | SDACR/L 1212K11-S | | 5513 020-09 (M3.5) |
| SDACR/L 103C-S | SDACR/L 1616K11-S | | |
| SDACR/L 123C-S | | | |
| SDJCR/L 062C-S | SDJCR/L 0808K07-S | | 5513 020-03 (M2.5) |
| SDJCR/L 082C-S | SDJCR/L 1010K07-S | | |
| SDJCR/L 102C-S | SDJCR/L 1212K07-S | | |
| | SDJCR/L 1616K07-S | | |
| SDJCR/L 083C-S | SDJCR/L 1212K11-S | | 5513 020-09 (M3.5) |
| SDJCR/L 103C-S | SDJCR/L 1616K11-S | | |
| SDJCR/L 123C-S | | | |
| SDJCR/L 062 | SDJCR/L 1010E07 | C3-SDJCR/L-22040-07 | 5513 020-03 (M2.5) |
| SDJCR/L 092 | SDJCR/L 1212F07 | C4-SDJCR/L-27050-07 | |
| SDJCR/L 102 | SDJCR/L 1616H07 | | |
| SDJCR/L 122B | SDJCR/L 2020K07 | | |
| SDJCR/L 123B | SDJCR/L 1616H11 | C3-SDJCR/L-22040-11 | 5513 020-01 (M3.5) |
| SDJCR/L 163C | SDJCR/L 2020K11 | C4-SDJCR/L-27050-11 | |
| SDJCR/L 163D | SDJCR/L 2525M11 | C5-SDJCR/L-35060-11 | |
| | | C6-SDJCR/L-45065-11 | |
| SDPCN 083C-S | SDNCN 1010K07-S | | 5513 020-03 (M2.5) |
| SDPCN 103C-S | SDNCN 1212K11-S | | 5513 020-09 (M3.5) |
| SDPCN 123C-S | SDNCN 1616K11-S | | |
| SDPCN 062 | SDNCN 1010E07 | | 5513 020-03 (M2.5) |
| SDPCN 082 | SDNCN 1212F07 | | |
| SDPCN 103 | SDNCN 1616H11 | C3-SDNCN-00040-11 | 5513 020-01 (M3.5) |
| SDPCN 123B | SDNCN 2020K11 | C4-SDNCN-00050-11 | |
| SDPCN 163C | SDNCN 2525M11 | C5-SDNCN-00060-11 | |

1) Piezas opcionales suministradas en pedido separado

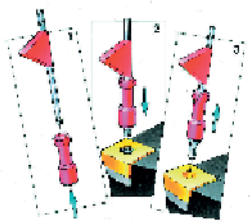
# Diseño de sujeción por tornillo CoroTurn® 107

| 2 | | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|
| Placa de apoyo (para plaquita de grosor mm/pulgadas) | Radio mm/pulgadas | Tornillo de la placa de apoyo | Llave (Torx Plus) | Llave (mm) | Destornillador (Torx Plus) |
| - | – | – | 5680 051-02 (7IP) | – | 5680 046-03 (7IP) |
| - | – | – | 5680 049-01 (15IP) | – | 5680 046-02 (15IP) |
| - | – | – | 5680 051-02 (7IP) | – | 5680 046-03 (7IP) |
| - | – | – | 5680 049-01 (15IP) | – | 5680 046-02 (15IP) |
| - | | – | 5680 051-02 (7IP) | – | 5680 046-03 (7IP) |
| - | | – | 5680 049-01(15IP) | – | 5680 046-02 (15IP) |
| 5322 232-01 (3.97/.156) | 0.2-0.8/.008–.031 | 5512 090-01 | 5680 049-01 (15IP) | 5680 049-01 (3.5) | 5680 046-02 (15IP) |
| 5322 232-02 (4.76/.187) | 0.4-1.2/.016–.047 | 5512 090-03 | 5680 049-02 (15IP) | 5680 049-02 (4.0) | 5680 046-02 (15IP) |
| | – | – | 5680 051-02 (7IP) | – | 5680 046-03 (7IP) |
| | – | – | 5680 049-01(15IP) | – | 5680 046-02 (15IP) |
| | – | – | 5680 051-02 (7IP) | – | 5680 046-03 (7IP) |
| | – | – | 5680 049-01(15IP) | – | 5680 046-02 (15IP) |
| | – | – | 5680 051-02 (7IP) | – | 5680 046-03 (7IP) |
| 5322 263-01 (3.97/.156)<br>5322 263-02 (3.97/.156)[1)] | 0.4-0.8/.016–.031<br>1.2/.047 | 5512 090-01 | 5680 049-01 (15IP) | 5680 049-01(3.5) | 5680 046-02 (15IP) |
| - | – | – | 5680 051-02 (7IP) | – | 5680 046-03 (7IP) |
| - | – | – | 5680 049-01(15IP) | – | 5680 046-02 (15IP) |
| - | | – | 5680 051-02 (7IP) | – | 5680 046-03 (7IP) |
| 5322 263-01 (3.97/.156)<br>5322 263-02 (3.97/.156)[1)] | 0.4-0.8/.016–.031<br>1.2/.047 | 5512 090-01 | 5680 049-01 (15IP) | 5680 049-01(3.5) | 5680 046-02 (15IP) |

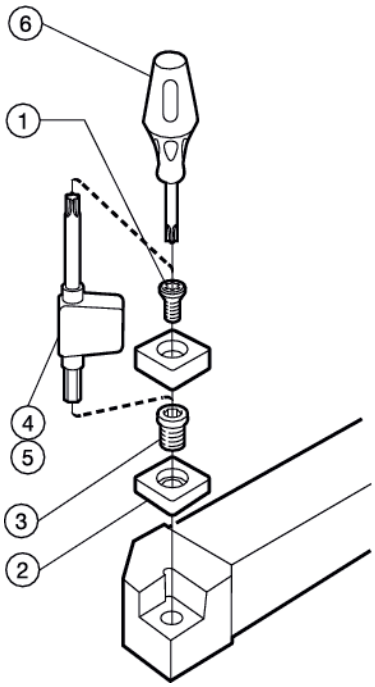
**Manguito magnético para todos los tamaños de llaves y destornilladores**

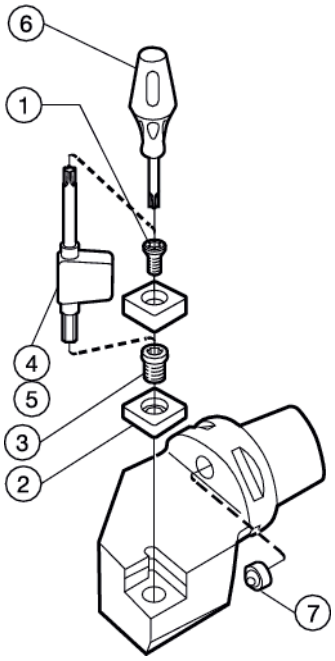
**Código de pedido:**
**5680 047-01**

**Instrucciones para su uso**
- Coloque el manguito magnético sobre la llave.
- Coloque la llave en la cabeza del tornillo.
- Empuje el imán hacia la plaquita.
- Desenrosque y, en la mayoría de los casos, el tornillo y la plaquita saldrán unidos a la llave.
- Se puede utilizar con llaves Torx de todos los tamaños.



# Diseño de sujeción por tornillo CoroTurn® 107




| Boquilla para unidades de corte Coromant Capto® | |
|---|---|
| Tamaño de unidad de corte | 7<br>Boquilla |
| C3–C4 | 5691 029-08 |
| C5–C6 | 5691 029-09 |
| C8 | 5691 029-10 |

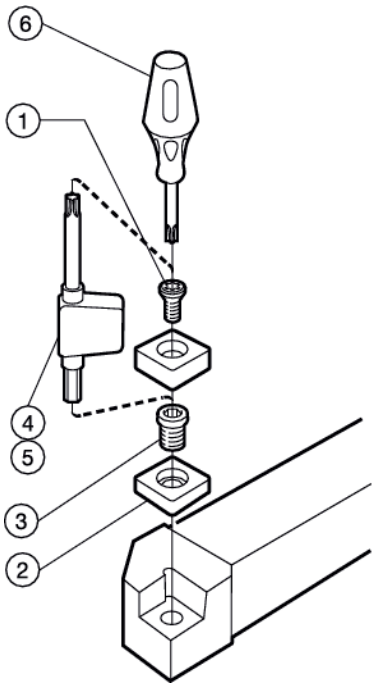
| Portaplaquitas con mango | | | | 1 |
|---|---|---|---|---|
| Pulgadas | Métrica | | Coromant Capto® | Tornillo de plaquita (rosca) |
| | | | | |
| SRACR/L 162D<br>SRACR/L 202D | | | | 5513 020-03 (M2.5) |
| SRACR/L 163D<br>SRACR/L 203D | | | | 5513 020-12 (M3.5) |
| SRACR/L 164D<br>SRACR/L 204D | | | | 5513 020-13 (M4) |
| | SRDCN | 1010E05 | C3-SRDCN-00040-05A<br>C4-SRDCN-00050-05A<br>C5-SRDCN-00060-05A | 5513 020-05 (M2.2) |
| SRDCN 082 | SRDCN | 1212F06 | C3-SRDCN-00040-06A<br>C5-SRDCN-00060-06A | 5513 020-03 (M2.5) |
| SRDCN 103 | | | | 5513 020-12 (M3.5) |
| | SRDCN | 1616 H08 | C3-SRDCN-00040-08A<br>C4-SRDCN-00050-08A<br>C5-SRDCN-00060-08A | 5513 020-04 (M3.0) |
| | SRDCN<br>SRDCN<br>SRDCN | 2020K10-A<br>2525M10-A<br>3225P10-A | C3-SRDCN-00040-10A<br>C4-SRDCN-00050-10A<br>C5-SRDCN-00060-10A<br>C6-SRDCN-00065-10A | 5513 020-10 (M3.5) |
| | SRDCN<br>SRDCN<br>SRDCN | 2020K12-A<br>2525M12-A<br>3225P12-A | C4-SRDCN-00050-12A<br>C5-SRDCN-00060-12A<br>C6-SRDCN-00065-12A | 5513 020-01 (M3.5) |
| | SRDCN<br>SRDCN | 2525M16-A<br>3225P16-A | C5-SRDCN-00060-16A<br>C6-SRDCN-00065-16A | 5513 020-26 (M5.0) |
| | SRDCN | 3232P20-A | C5-SRDCN-00060-20A<br>C6-SRDCN-00065-20A | 5513 020-14 (M6.0) |
| | SRDCR/L | 3225P05-A | | 5513 020-05 (M2.2) |
| | SRDCR/L<br>SRDCR/L | 2020K06-A<br>3225P06-A | | 5513 020-03 (M2.5) |
| | SRDCR/L<br>SRDCR/L<br>SRDCR/L<br>SRDCR/L | 2020K08-A<br>2525M08-A<br>3225P08-A<br>3225P08-A | | 5513 020-04 (M3.0) |
| SRGCR/L 123B<br>SRGCR/L 163D | | | | 5513 020-12 (M3.5) |
| SRGCR/L 164C<br>SRGCR/L 164D<br>SRGCR/L 204D | | | | 5513 020-13 (M4) |
| SRGCR/L 206D | | | | 5513 020-14 (M6) |
| | SRSCR/L | 3225P05 | | 5513 020-05 (M2.2) |
| SRSCR/L 162C<br>SRSCR/L 162D<br>SRSCR/L 202D | SRSCR/L | 3225P06 | C3-SRSCR/L-22040-06<br>C4-SRSCR/L-27050-06<br>C5-SRSCR/L-35060-06 | 5513 020-03 (M2.5) |
| SRSCR/L 123B<br>SRSCR/L 163C<br>SRSCR/L 163D<br>SRSCR/L 203D | | | | 5513 020-12 (M3.5) |
| SRSCR/L 164C<br>SRSCR/L 164D<br>SRSCR/L 204D<br>SRSCR/L 244D<br>SRSCR/L 244E<br>SRSCR/L 854D | | | | 5513 020-13 (M4) |
| SRSCR/L 206D | | | | 5513 020-14 (M6) |
| SRSCR/L 248D<br>SRSCR/L 248E | | | | 5513 020-15 (M7) |
| | SRSCR/L | 3225P08 | C3-SRSCR/L-22040-08<br>C4-SRSCR/L-27050-08<br>C5-SRSCR/L-35060-08 | 5513 020-04 (M3.0) |
| | SRSCR/L<br>SRSCR/L | 2020K10<br>2525M10 | C3-SRSCR/L-22040-10<br>C4-SRSCR/L-27050-10<br>C5-SRSCR/L-35060-10<br>C6-SRSCR/L-45065-10 | 5513 020-10 (M3.5) |
| | SRSCR/L<br>SRSCR/L | 2525M12<br>3225P12 | C4-SRSCR/L-27050-12<br>C5-SRSCR/L-35060-12<br>C6-SRSCR/L-45065-12 | 5513 020-01 (M3.5) |
| | SRSCR/L | 3225P16 | C5-SRSCR/L-35060-16<br>C6-SRSCR/L-45065-16 | 5513 020-26 (M5.0) |
| | SRSCR/L | 3232P20 | C5-SRSCR/L-35060-20<br>C6-SRSCR/L-45065-20 | 5513 020-14 (M6.0) |

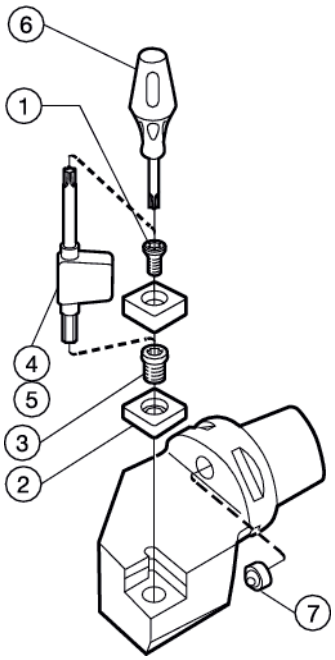
1) Piezas opcionales suministradas en pedido separado

# Diseño de sujeción por tornillo CoroTurn® 107

| 2 | | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|
| Placa de apoyo (para plaquita de grosor mm/pulgadas) | Radio mm/pulgadas | Tornillo de la placa de apoyo | Llave (Torx Plus) | Llave (mm) | Destornillador (Torx Plus) |
| - | – | – | 5680 051-02 (7IP) | – | 5680 046-03 (7IP) |
| 5322 120-01 (3.97/.156) | – | – | 5680 051-03 (9IP) | – | 5680 046-04 (9IP) |
| 5322 120-02 (4.76/.188) | – | – | 5680 049-01 (15IP) | – | 5680 046-02 (15IP) |
| - | – | – | 5680 051-02 (7IP) | – | 5680 046-03 (7IP) |
| - | – | – | 5680 051-02 (7IP) | – | 5680 046-03 (7IP) |
| 5322 120-01 (3.97/.156) | – | – | 5680 051-03 (9IP) | – | 5680 046-04 (9IP) |
| - | – | – | 5680 051-03 (9IP) | – | 5680 046-04 (9IP) |
| 5322 110-01 (3.97/.156) | – | 5512 090-01 | 5680 049-01 (15IP) | 5680 049-01 (3.5) | 5680 046-02 (15IP) |
| 5322 110-02 (4.76/.187) | – | 5512 090-01 | 5680 049-01 (15IP) | 5680 049-01 (3.5) | 5680 046-02 (15IP) |
| 5322 110-03 (6.35/.250) | – | 5512 090-06 | 5680 043-14 (20IP) | 3021 010-050 (5.0) | 5680 046-06 (20IP) |
| 5322 110-04 (6.35/.250) | – | 5512 090-08 | 5680 043-15 (25IP) | 3021 010-060 (6.0) | 5680 046-07 (25IP) |
| - | | | | | |
| - | | – | 5680 051-02 (7IP) | – | 5680 046-03 (7IP) |
| - | | – | 5680 051-02 (7IP) | – | 5680 046-03 (7IP) |
| | | – | 5680 051-03 (9IP) | – | 5680 046-04 (9IP) |
| 5322 120-01 (3.97/.156) | – | – | 5680 051-03 (9IP) | – | 5680 046-04 (9IP) |
| 5322 120-02 (4.76/.188) | – | – | 5680 049-01 (15IP) | – | 5680 046-02 (15IP) |
| 5322 120-03 (6.35/.250) | – | – | 5680 043-15 (25IP) | – | 5680 046-07 (25IP) |
| - | – | – | 5680 051-02 (7IP) | – | 5680 046-03 (7IP) |
| - | – | – | 5680 051-02 (7IP) | – | 5680 046-03 (7IP) |
| 5322 120-01 (3.97/.156) | – | – | 5680 051-03 (9IP) | – | 5680 046-04 (9IP) |
| 5322 120-02 (4.76/.188) | – | – | 5680 049-01 (15IP) | – | 5680 046-02 (15IP) |
| 5322 120-03 (6.35/.250) | – | – | 5680 043-15 (25IP) | – | 5680 046-07 (25IP) |
| 5322 120-04 (7.94/.313) | – | – | 5680 043-17 (30IP) | – | 416.1-867 (T30) |
| - | – | – | 5680 051-03 (9IP) | – | 5680 046-04 (9IP) |
| 5322 110-01 (3.97/.156) | – | 5512 090-01 | 5680 049-01 (15IP) | 5680 049-01 (3.5) | 5680 046-03 (15IP) |
| 5322 110-02 (4.76/.187) | – | 5512 090-01 | 5680 049-01 (15IP) | 5680 049-01 (3.5) | 5680 046-02 (15IP) |
| 5322 110-03 (6.35/.250) | – | 5512 090-06 | 5680 043-14 (20IP) | 3021 010-050 (5.0) | 5680 046-06 (20IP) |
| 5322 110-04 (6.35/.250) | – | 5512 090-08 | 5680 043-15 (25IP) | 3021 010-060 (6.0) | 5680 046-07 (25IP) |

# Diseño de sujeción por tornillo CoroTurn® 107




Boquilla para unidades de corte Coromant Capto®

| Tamaño de unidad de corte | 7 Boquilla |
|---|---|
| C3–C4 | 5691 029-08 |
| C5–C6 | 5691 029-09 |
| C8 | 5691 029-10 |

| Portaplaquitas con mango | | | 1 |
|---|---|---|---|
| Pulgadas | Métrica | Coromant Capto® | Tornillo de plaquita (rosca) |
| ■ | | | |
| SSBCR/L 103 | SSBCR/L 1616H09 | C3-SSRCR/L-17040-09 | 5513 020-01 (M3.5) |
| | SSBCR/L 2020K12 | C4-SSRCR/L-22050-12 | 5513 020-18 (M4x0.5) |
| | SSBCR/L 2525M12 | C5-SSRCR/L-27060-12 | |
| SSDCR/L 103<br>SSDCR/L 163C<br>SSDCR/L 163D | SSDCR/L 1616H09<br>SSDCR/L 2020K09 | | 5513 020-01 (M3.5) |
| SSDCR/L 164D | SSDCR/L 2020K12<br>SSDCR/L 2525M12 | | 5513 020-18 (M4x0.5) |
| SSDCN 083 | SSDCN 1212F09-M | | 5513 020-10 (M3.5) |
| SSDCN 103<br>SSDCN 123B<br>SSDCN 163C<br>SSDCN 163D | SSDCN 1616H09 | | 5513 020-01 (M3.5) |
| SSKCR/L 103<br>SSKCR/L 123B | SSKCR/L 1616H09 | | 5513 020-01 (M3.5) |
| ▲ | | | |
| | STDCR/L 1010E09 | | 5513 020-05 (M2.2) |
| STDCR/L 062<br>STDCR/L 062-B1[2]<br>STDCR/L 082<br>STDCR/L 082-B1[2] | STDCR/L 1212F11<br>STDCR/L 1212F11-B1[2]<br>STDCR/L 1616H11<br>STDCR/L 1616H11-B1[2] | | 5513 020-03 (M2.5) |
| STDCR/L 103<br>STDCR/L 123B<br>STDCR 163D | STDCR/L 1616H16<br>STDCR/L 2020K16<br>STDCR/L 2525M16 | | 5513 020-01 (M3.5) |
| | STFCR/L 1010E09 | | 5513 020-05 (M2.2) |
| STFCR/L 062<br>STFCR/L 082<br>STFCR/L 062-B1[2]<br>STFCR/L 082-B1[2] | STFCR/L 1212F11<br>STFCR/L 1212F11-B1[2]<br>STFCR/L 1616H11<br>STFCR/L 1616H11-B1[2]<br>STFCR/L 2020K11-A<br>STFCR/L 2020K11-AB1[2] | | 5513 020-03 (M2.5) |
| STFCR/L 103<br>STFCR/L 123B<br>STFCR/L 163C<br>STFCR/L 163C | STFCR/L 1616H16<br>STFCR/L 2020K16<br>STFCR/L 2525M16<br>STFCR/L 2525M16-A | | 5513 020-01 (M3.5) |
| | STGCR/L 0808D09<br>STGCR/L 1010E09 | | 5513 020-05 (M2.2) |
| STGCR/L 062<br>STGCR/L 062-B1[2]<br>STGCR/L 082<br>STGCR/L 082-B1[2] | STGCR/L 1212F11<br>STGCR/L 1212F11-B1[2]<br>STGCR/L 1616H11<br>STGCR/L 1616H11-B1[2] | C3-STGCR/L- 22040-11<br>C3-STGCR/L- 22040-11-B1[2]<br>C4-STGCR/L- 27050-11<br>C4-STGCR/L- 27050-11-B1[2]<br>C5-STGCR/L- 35060-11 | 5513 020-03 (M2.5) |
| STGCR/L 103<br>STGCR/L 123B<br>STGCR/L 163C<br>STGCR/L 163D | STGCR/L 1616H16<br>STGCR/L 2020K16<br>STGCR/L 2525M16 | C3-STGCR/L- 22040-16<br>C4-STGCR/L- 27050-16<br>C5-STGCR/L- 35060-16<br>C6-STGCR/L- 45065-16 | 5513 020-01 (M3.5) |
| STJCR/L 062C-S<br>STJCR/L 082C-S<br>STJCR/L 102C-S | STJCR/L 1010K11-S<br>STJCR/L 1212K11-S<br>STJCR/L 1616K11-S | | 5513 020-03 (M2.5) |
| | STTCR/L 1616H11<br>STTCR/L 1616H11-B1[2] | C3-STJCR/L- 22040-11<br>C3-STJCR/L- 22040-11-B1[2]<br>C4-STJCR/L- 27050-11<br>C4-STJCR/L- 27050-11-B1[2] | 5513 020-03 (M2.5) |
| STTCR/L 123B<br>STTCR/L 163D<br>STTCR 163C | STTCR/L 1616H16<br>STTCR/L 2020K16<br>STTCR/L 2525M16 | C3-STJCR/L- 22040-16<br>C4-STJCR/L- 27050-16<br>C5-STJCR/L- 35060-16 | 5513 020-01 (M3.5) |

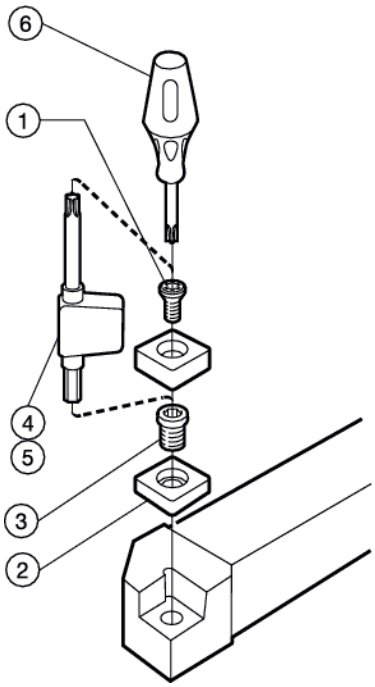
1) Piezas opcionales suministradas en pedido separado

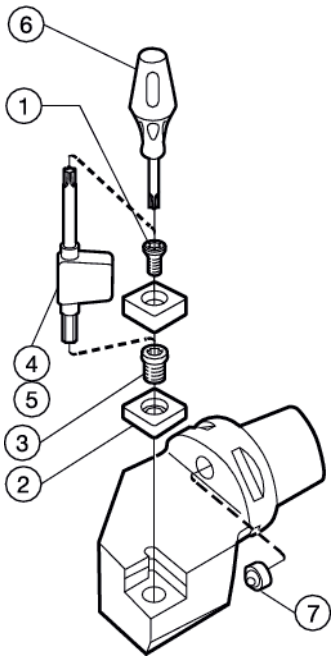
2) B1= para plaquitas con un espesor 2-1/8"

# Diseño de sujeción por tornillo CoroTurn® 107

| 2 | | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|
| Placa de apoyo (para plaquita de grosor mm/pulgadas) | Radio mm/pulgadas | Tornillo de la placa de apoyo | Llave (Torx Plus) | Llave (mm) | Destornillador (Torx Plus) |
| 5322 420-01 (3.97/.156) | 0.4-0.8/.016–.031 | 5512 090-01 | 5680 049-01 (15IP) | 5680 049-01 (3.5) | 5680 046-02 (15IP) |
| 5322 420-02 (4.76/.187) | 0.4-1.2/.016–.047 | 5512 090-03 | 5680 049-02 (15IP) | 5680 049-02 (4.0) | 5680 046-02 (15IP) |
| 5322 420-01 (3.97/.156) | 0.4-0.8/.016–.031 | 5512 090-01 | 5680 049-01 (15IP) | 5680 049-01 (3.5) | 5680 046-02 (15IP) |
| 5322 420-02 (4.76/.187) | 0.4-1.2/.016–.047 | 5512 090-03 | 5680 049-02 (15IP) | 5680 049-02 (4.0) | 5680 046-02 (15IP) |
| - | – | – | 5680 049-01 (15IP) | – | 5680 046-02 (15IP) |
| 5322 420-01 (3.97/.156) | 0.4-0.8/.016–.031 | 5512 090-01 | 5680 049-01 (15IP) | 5680 049-01(3.5) | 5680 046-02 (15IP) |
| 5322 420-01 (3.97/.156) | 0.4-0.8/.016–.031 | 5512 090-01 | 5680 049-01 (15IP) | 5680 049-01 (3.5) | 5680 046-02 (15IP) |
| - | — | – | 5680 051-02 (7IP) | – | 5680 046-03 (7IP) |
| - | – | – | 5680 051-02 (7IP) | – | 5680 046-03 (7IP) |
| 5322 320-01 (3.97/.156) | 0.4-1.2/.016–.047 | 5512 090-01 | 5680 049-01 (15IP) | 5680 049-01 (3.5) | 5680 046-02 (15IP) |
| - | – | – | 5680 051-02 (7IP) | – | 5680 046-03 (7IP) |
| - | – | – | 5680 051-02 (7IP) | – | 5680 046-03 (7IP) |
| 5322 320-01 (3.97/.156) | 0.4-1.2/.016–.047 | 5512 090-01 | 5680 049-01 (15IP) | 5680 049-01 (3.5) | 5680 046-02 (15IP) |
| - | – | – | 5680 051-02 (7IP) | – | 5680 046-03 (7IP) |
| - | – | – | 5680 051-02 (7IP) | – | 5680 046-03 (7IP) |
| 5322 320-01 (3.97/.156) | 0.4-1.2/.016–.047 | 5512 090-01 | 5680 049-01 (15IP) | 5680 049-01 (3.5) | 5680 046-02 (15IP) |
| - | – | – | 5680 051-02 (7IP) | – | 5680 046-03 (7IP) |
| - | – | – | 5680 051-02 (7IP) | – | 5680 046-03 (7IP) |
| 5322 320-01 (3.97/.156) | 0.4-1.2/.016–.047 | 5512 090-01 | 5680 049-01 (15IP) | 5680 049-01 (3.5) | 5680 046-02 (15IP) |

# Diseño de sujeción por tornillo CoroTurn® 107




Boquilla para unidades de corte Coromant Capto®

| Tamaño de unidad de corte | 7<br>Boquilla |
|---|---|
| C3–C4 | 5691 029-08 |
| C5–C6 | 5691 029-09 |
| C8 | 5691 029-10 |

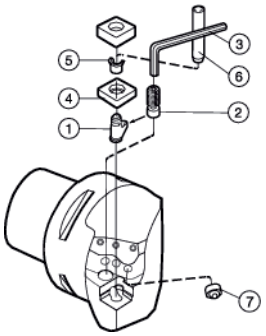
| Portaplaquitas con mango | | | | 1 |
|---|---|---|---|---|
| Pulgadas | Métrica | | Coromant Capto® | Tornillo de plaquita (Rosca) |
| | | | | |
| SVABR/L 062C-S | SVABR/L | 0810K11-S | | 5513 020-03 (M2.5) |
| SVABR/L 082C-S | SVABR/L | 1010K11-S | | |
| SVABR/L 102C-S | SVABR/L | 1212K11-S | | |
| | SVABR/L | 1616K11-S | | |
| SVABR/L 062C-S-B1[3] | SVABR/L | 0810K11-S-B1[3] | | 5513 020-03 (M2.5) |
| SVABR/L 082C-S-B1[3] | SVABR/L | 1010K11-S-B1[3] | | |
| SVABR/L 102C-S-B1[3] | SVABR/L | 1212K11-S-B1[3] | | |
| | SVABR/L | 1616K11-S-B1[3] | | |
| SVABR/L 083C-S | SVABR/L | 1212K16-S | | 5513 020-09 (M3.5) |
| SVABR/L 103C-S | SVABR/L | 1616K16-S | | |
| SVABR/L 123C-S | | | | |
| | | | C3-SVHBR/L-22040-11 | 5513 020-03 (M2.5) |
| | | | C4-SVHBR/L-27050-11 | |
| | | | C5-SVHBR/L-35060-11 | |
| | | | C3-SVHBR/L-22040-11-B1[3] | |
| | | | C4-SVHBR/L-27050-11-B1[3] | |
| SVHBR/L 123B | SVHBR/L | 2020K16 | C4-SVHBR/L-27050-16 | 5513 020-01 (M3.5) |
| SVHBR/L 163C | SVHBR/L | 2525M16 | C5-SVHBR/L-35060-16 | |
| SVHBR/L 163D | SVHBR/L | 3225P16 | C6-SVHBR/L-45065-16 | |
| | SVHCR/L | 2525M22-R2[2] | | 5513 020-18 (M4x0.5) |
| SVJBR/L 062C-S | SVJBR/L | 0810K11-S | | 5513 020-03 (M2.5) |
| SVJBR/L 082C-S | SVJBR/L | 1010K11-S | | |
| SVJBR/L 102C-S | SVJBR/L | 1212K11-S | | |
| | SVJBR/L | 1616K11-S | | |
| SVJBR/L 062C-S-B1[3] | SVJBR/L | 0810K11-S-B1[3] | | 5513 020-03 (M2.5) |
| SVJBR/L 082C-S-B1[3] | SVJBR/L | 1010K11-S-B1[3] | | |
| SVJBR/L 102C-S-B1[3] | SVJBR/L | 1212K11-S-B1[3] | | |
| | SVJBR/L | 1616K11-S-B1[3] | | |
| SVJBR/L 083C-S | SVJBR/L | 1212K16-S | | 5513 020-09 (M3.5) |
| SVJBR/L 103C-S | SVJBR/L | 1616K16-S | | |
| SVJBR/L 123C-S | | | | |
| SVJBR/L 082 | SVJBR/L | 1212F11 | C3-SVJBR/L-22040-11 | 5513 020-03 (M2.5) |
| SVJBR/L 082-B1[3] | SVJBR/L | 1616H11 | C4-SVJBR/L-27050-11 | |
| SVJBR/L 102 | SVJBR/L | 2020K11 | C5-SVJBR/L-35060-11 | |
| SVJBR/L 102-B1[3] | SVJBR/L | 2525M11 | C3-SVJBR/L-22040-11-B1[3] | |
| SVJBR/L 122B | SVJBR/L | 1212F11-B1[3] | C4-SVJBR/L-27050-11-B1[3] | |
| SVJBR/L 122B-B1[3] | SVJBR/L | 1616H11-B1[3] | | |
| SVJBR/L 162C | SVJBR/L | 2020K11-B1[3] | | |
| SVJBR/L 162C-B1[3] | SVJBR/L | 2525M11-B1[3] | | |
| SVJBR/L 162D | | | | |
| SVJBR/L 162D-B1[3] | | | | |
| SVJBR/L 123B | SVJBR/L | 2020K16 | C4-SVJBR/L-27050-16 | 5513 020-01 (M3.5) |
| SVJBR/L 163C | SVJBR/L | 2525M16 | C5-SVJBR/L-35060-16 | |
| SVJBR/L 163D | SVJBR/L | 3225P16 | C6-SVJBR/L-45065-16 | |
| SVJBR/L 203D | | | | |
| SVVBN 062C-S-B1[3] | SVVBN | 0808K11-S | | 5513 020-03 (M2.5) |
| SVVBN 082C-S-B1[3] | SVVBN | 1010K11-S | | |
| SVVBN 102C-S-B1[3] | SVVBN | 1212K11-S | | |
| | SVVBN | 1616K11-S | | |
| SVVBN 082 | SVVBN | 1212F11 | C3-SVVBN-00040-11 | 5513 020-03 (M2.5) |
| SVVBN 082-B1[3] | SVVBN | 1616H11 | C4-SVVBN-00050-11 | |
| SVVBN 102 | SVVBN | 2020K11 | C3-SVVBN-00040-11-B1[3] | |
| SVVBN 102-B1[3] | SVVBN | 2525M11 | C4-SVVBN-00050-11-B1[3] | |
| SVVBN 122B | SVVBN | 1212F11-B1[3] | | |
| SVVBN 162C | SVVBN | 1616H11-B1[3] | | |
| SVVBN 162D | SVVBN | 2020K11-B1[3] | | |
| | SVVBN | 2525M11-B1[3] | | |
| SVVBN 123B | SVVBN | 2020K16 | C4-SVVBN-00050-16 | 5513 020-01 (M3.5) |
| SVVBN 163C | SVVBN | 2525M16 | C5-SVVBN-00060-16 | |
| SVVBN 203D | SVVBN | 3225P16 | C6-SVVBN-00065-16 | |

1) Piezas opcionales suministradas en pedido separado
2) Para plaquita VCGX 22 05 30-AL.
3) B1= para plaquitas con un espesor 2-1/8"

# Diseño de sujeción por tornillo CoroTurn® 107

| 2 | | 3 | 4 | 5 | 6[1] |
|---|---|---|---|---|---|
| Placa de apoyo (para plaquita de grosor mm/pulgadas) | Radio mm/pulgadas | Tornillo de la placa de apoyo | Llave (Torx Plus) | Llave (mm) | Destornillador (Torx Plus) |
| – | – | – | 5680 051-02 (7IP) | – | 5680 046-03 (7IP) |
| – | – | – | 5680 051-02 (7IP) | – | 5680 046-03 (7IP) |
| – | – | – | 5680 049-01 (15IP) | – | 5680 046-02 (15IP) |
| – | – | – | 5680 051-02 (7IP) | – | 5680 046-03 (7IP) |
| 5322 270-01 (4.76/.187)<br>5322 270-02 (4.76/.187)[1] | 0.4-0.8/.016-.031<br>1.2/.047 | 5512 090-01 | 5680 049-01 (15IP) | 5680 049-01 (3.5) | 5680 046-02 (15IP) |
| 5322 270-03 (4.76/.187)<br>5322 270-04 (4.76/.187)[1] | 2.0/.079<br>3.0/.118 | 5512 090-03 | 5680 049-02 (15IP) | – | 5680 046-02 (15IP) |
| – | – | – | 5680 051-02 (7IP) | | 5680 046-03 (7IP) |
| – | – | – | 5680 051-02 (7IP) | – | 5680 046-03 (7IP) |
| – | – | – | 5680 049-01 (15IP) | – | 5680 046-02 (15IP) |
| – | – | – | 5680 051-02 (7IP) | – | 5680 046-03 (7IP)<br>5680 046-03 (7IP) |
| 5322 270-01 (4.76/.187)<br>5322 270-02 (4.76/.187)[1] | 0.4-0.8/.016-.031<br>1.2/.047 | 5512 090-01 | 5680 049-01 (15IP) | 5680 049-01(3.5) | 5680 046-02(15IP) |
| – | – | – | 5680 051-02 (7IP) | – | 5680 046-03 (7IP) |
| – | – | – | 5680 051-02 (7IP) | – | 5680 046-03 (7IP) |
| 5322 270-01 (4.76/.187)<br>5322 270-02 (4.76/.187)[1] | 0.4-0.8/.016-.031<br>1.2/.047 | 5512 090-01 | 5680 049-01 (15IP) | 5680 049-01 (3.5) | 5680 046-02 (15IP) |

# CoroTurn® HP




## Diseño de sujeción por palanca

| Coromant Capto® | 1<br>Palanca | 2<br>Tornillo |
|---|---|---|
| <br>C4-PCLNR/L-27050-12HP<br>C5-PCLNR/L-35060-12HP<br>C6-PCLNR/L-45065-12HP<br>C6-PCLNR/L-45165-12HP<br>C8-PCLNR/L-55080-12HP<br>C6-PCMNN-00115-12HP<br>C8-PCMNN-00150-12HP | 174.3-841M | 174.3-821 |
| C5-PCLNR/L-35080-16HP<br>C6-PCLNR/L-35065-16HP<br>C8-PCLNR/L-55080-16HP<br>C8-PCLNR/L-35085-16HP | 438.3-840 | 438.4-831 |
| C6-PCLNR/L-45065-19HP<br>C8-PCLNR/L-55080-19HP<br>C6-PCRNR/L-35065-19HP | 174.3-842M | 174.3-822M |
| <br>C4-PDJNR/L-27055-15HP<br>C5-PDJNR/L-35060-15HP<br>C6-PDJNR/L-45165-15HP<br>C5-PDMNR/L-00130-15HP<br>C6-PDJNR/L-45065-15HP | 174.3-847M | 174.3-830 |
| C5-PDJNR/L-35080-1504HP | 174.3-847M | 174.3-830 |
| C8-PDJNR/L-45065-1504HP<br>C8-PDJNR/L-55080-1504HP | 174.3-847M | 174.3-830 |
| <br>C5-PSSNR/L-35052-12HP<br>C6-PSSNR/L-45156-12HP<br>C6-PSSNR/L-45056-12HP<br>C8-PSSNR/L-55080-12HP | 174.3-841M | 174.3-821 |
| C6-PSDNN-00065-15HP<br>C6-PSKNR/L-45065-15HP<br>C6-PSRNR/L-35065-15HP<br>C5-PSSNR/L-35050-15HP<br>C6-PSSNR/L-45054-15HP<br>C8-PSSNR/L-55080-15HP | 438.3-840 | 438.3-831 |
| C6-PSDNN-00065-19HP<br>C6-PSKNR/L-35065-19HP<br>C8-PSKNR/L-55080-19HP<br>C6-PSRNR/L-35065-19HP<br>C8-PSRNR/L-45080-19HP<br>C6-PSSNR/L-45052-19HP<br>C8-PSSNR/L-55080-19HP | 174.3-842M | 174.3-822M |

# CoroTurn® HP

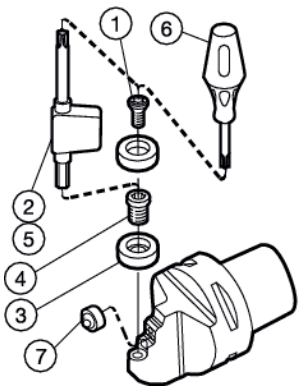
| 3 | 4 | | 5 | 6 | 7 |
|---|---|---|---|---|---|
| Llave (mm) | Placa de apoyo (para plaquita de grosor mm/pulgadas) | Radio mm/pulgadas | Pasador de placa de apoyo | Punzón de montaje | Boquilla (diámetro de agujero, mm)[2] |
| 174.1-864 (3.0) | 171.31-850M (4.76/.187) | 0.4-1.6/.016-.063 | 174.3-861 | 5681 002-01 | 5691 026-03 (1.0) |
| 174.1-864 (3.0) | 171.31-852 (6.35/.250) | 0.4-2.4/.016-.094 | 174.3-864 | 5681 002-02 | 5691 026-03 (1.0) |
| 3021 010-040 (4.0) | 171.35-851M (6.35/.250) | 0.4-2.4/.016-.094 | 174.3-861 | 5681 002-02 | 5691 026-03 (1.0) |
| 174.1-864 (3.0) | 171.35-851M (6.35/.250)<br>171.35-850M (6.35/.250)[1]<br>171.35-856 (4.76/.187)[1]<br>171.35-855 (4.76/.187)[1] | 0.4-0.8/.016-.031<br>1.2-1.6/.047-.063<br>0.4-0.8/.016-.031<br>1.2-1.6/.047-.063 | 174.3-861 | 5681 002-01 | 5691 026-03 (1.0) |
| 174.1-864 (3.0) | 171.35-856 (4.76/.187) | | 174.3-861 | 5681 002-01 | 5691 026-03 (1.0) |
| 174.1-864 (3.0) | 171.35-851M (6.35/.250) | | 174.3-861 | 5681 002-01 | 5691 026-03 (1.0) |
| 174.1-864 (3.0) | 174.3-851M (4.76/.187)<br>171.35-856 (4.76/.187)1) | 0.4-1.2/.016-.047<br>1.6-2.4/.063-.094 | 174.3-861 | 5681 002-01 | 5691 026-03 (1.0) |
| 174.1-864 (3.0) | 174.3-857 (6.35/.250) | 0.4-2.4/.016-.094 | 174.3-864 | 5681 002-02 | 5691 026-03 (1.0) |
| 3021 010-040 (4.0) | 174.3-852M (6.35/.250) | 0.8-2.4/.031-.094 | 174.3-862 | 5681 002-02 | 5691 026-03 (1.0) |

[1] Los accesorios deben pedirse por separado.

[2] Boquillas opcionales
Se debe pedir por separado

| Código de pedido | Diámetro de agujero, mm |
|---|---|
| 5691 026-01 | 0.6 |
| 5691 026-02 | 0.8 |
| 5691 026-04 | 1.2 |
| 5691 026-05 | 1.4 |

# CoroTurn® HP




## Diseño de sujeción por tornillo

| Coromant Capto® | 1<br>Tornillo de plaquita (Rosca) | 2<br>Llave (Torx Plus) |
|---|---|---|
| C5-SRSCR/L-35060-10HP<br>C6-SRSCR/L-45065-10HP | 5513 020-10 (M3.5) | 5680 049-01 (15IP) |
| C5-SRSCR/L-350060-12HP<br>C6-SRSCL-45065-12HP<br>C6-SRDCN-00065-12HP | 5513 020-01 (M3.5) | 5680 049-01 (15IP) |
| C5-SVJBR/L-35060-16HP<br>C6-SVJBR/L-45065-16HP<br>C8-SVJBR/L-55080-16HP<br>C6-SVMBR/L-00130-16HP | 5513 020-01 (M3.5) | 5680 049-01 (15IP) |

# CoroTurn® HP

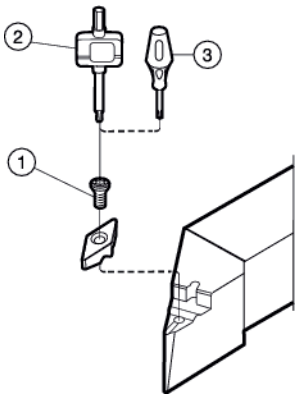
| 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|
| Placa de apoyo | Tornillo de la placa de apoyo | Llave (Torx Plus) | Llave dinamométrica | Boquilla (diámetro de agujero, mm)[1] |
| 5322 110-01 | 5512 090-01 | 5680 049-01 (15IP) | 5680 100-06 | 5691 026-03 (1.0) |
| 5322 110-02 | 5512 090-01 | 5680 049-01 (15IP) | 5680 100-06 | 5691 026-03 (1.0) |
| 5322 270-01 | 5512 090-01 | 5680 049-01 (15IP) | 5680 100-06 | 5691 026-13 (1.0) |

[1] Los accesorios deben pedirse por separado.

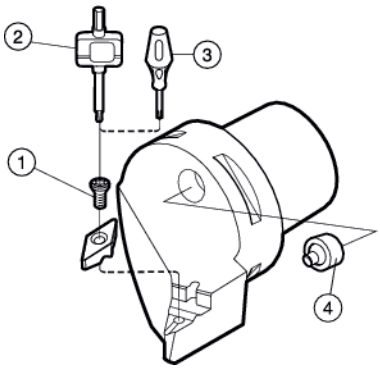
[2] Boquillas opcionales
Se debe pedir por separado

| Código de pedido | Diámetro de agujero, mm |
|---|---|
| 5691 026-01 | 0.6 |
| 5691 026-02 | 0.8 |
| 5691 026-04 | 1.2 |
| 5691 026-05 | 1.4 |

# Diseño de sujeción por tornillo CoroTurn® TR




| Portaplaquitas con mango | | | 1 |
|---|---|---|---|
| Pulgadas | Métrica | Coromant Capto® | Tornillo de plaquita |
| TR-D13JCR/L 12B<br>TR-D13JCR/L 16D<br>TR-D13JCR/L 10C-S<br>TR-D13NCN 12B<br>TR-D13NCN 16D<br>TR-D13NCN 10C-S | TR-D13NCN 2020K<br>TR-D13NCN 2525M<br>TR-D13NCN 3225M<br>TR-D13JCR/L 2020K<br>TR-D13JCR/L 2525M<br>TR-D13JCR/L 3225P<br>TR-D13NCN 1616K-S<br>TR-D13JCR/L 1616K-S | TR-C4-D13NCN-00050<br>TR-C5-D13NCN-00060<br>TR-C6-D13NCN-00065<br>TR-C4-D13JCR/L-27050<br>TR-C5-D13JCR/L-35060<br>TR-C6-D13JCR/L-45065<br>TR-C5-D13MCL-00115<br>TR-C6-D13MCL-00130 | 5513 020-01 |




| | | | |
|---|---|---|---|
| TR-V13JBR/L 12B<br>TR-V13JBR/L 16D<br>TR-V13JBR/L 10C-S<br>TR-V13VBN 12B<br>TR-V13VBN 16D<br>TR-V13VBN 10C-S | TR-V13VBN 2020K<br>TR-V13VBN 2525M<br>TR-V12VBN 3225P<br>TR-V13JBR/L 2020K<br>TR-V13JBR/L 2525M<br>TR-V13JBR/L 3225P<br>TR-V13VBN 1616K-S<br>TR-V13JBR/L 1616K-S | TR-C4-V13VBN-00050<br>TR-C5-V13VBN-00060<br>TR-C6-V13VBN-00065<br>TR-C4-V13JBR/L-27050<br>TR-C5-V13JBR/L-35060<br>TR-C6-V13JBR/L-45065<br>TR-C5-V13VMBL-00115<br>TR-C6-V13VMBL-00130 | 5513 020-64 |

# Diseño de sujeción por tornillo CoroTurn® TR

| 2 | 3[1] | 4 |
|---|---|---|
| Llave (Torx Plus) | Llave dinamométrica | Boquilla[2] |
| 5680 049-01 (15 IP) | 5680 100-06 | 5691 029-08<br>5691 029-09<br>5691 029-09<br>5691 029-08<br>5691 029-09<br>5691 029-09<br>5691 029-10<br>5691 029-10 |
| 5680 049-04 (10 IP) | 5680 100-05 | 5691 029-08<br>5691 029-09<br>5691 029-09<br>5691 029-08<br>5691 029-09<br>5691 029-09<br>5691 029-10<br>5691 029-10 |

[1] Los accesorios deben pedirse por separado.

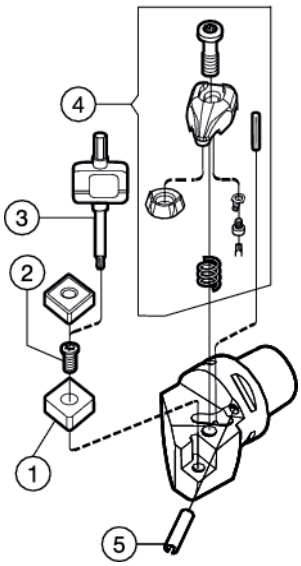
[2] Boquillas opcionales de metal para presión de refrigerante hasta 80 bar

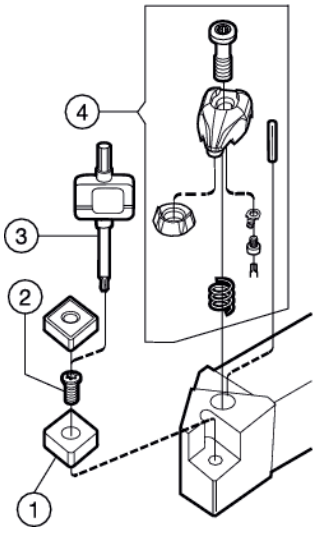
Se debe pedir por separado

| Boquilla estándar | Boquilla para una presión máxima de 80 bar |
|---|---|
| 5691 029-08 | 5691 034-01 |
| 5692 029-09 | 5692 034-02 |
| 5693 029-10 | 5693 034-03 |

# CoroTurn® RC diseño de sujeción rígida para plaquitas de cerámica

**Conjunto brida para plaquita sin orificio**




| Boquilla para unidades de corte Coromant Capto® | |
|---|---|
| Tamaño de unidad de corte | 5<br>Boquilla |
| C4–C6 | 5691 045-01 |

| Portaherramientas | | | 1 | 2 | 3 | 4[1)2)] |
|---|---|---|---|---|---|---|
| Pulgadas | Métrica | Coromant Capto® | Placa de apoyo (para plaquita de grosor mm/pulgadas) | Tornillo de la placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo |
| 80° | | | | | | |
| CCRNR/L 124BM1-4<br>CCRNR/L 164DM1-4<br>CCRNR/L 204DM1-4<br>CCRNR/L 854D-4 | CCBNR/L 2525M12-4<br>CCBNR/L 3225P12-4 | C4-CCRNR/L-22050-12-4<br>C5-CCRNR/L-27060-12-4<br>C6-CCRNR/L-35065-12-4 | 5322 234-02 (7.94/.313)<br>5322 234-01 (4.76/.187)[2)] | 5513 020-02 | 5680 049-01 (15IP) | 5412 034-021<br>5412 032-021[3)]<br>5412 028-021[4)] |
| | CCBNR/L 3225P16-4 | C5-CCRNR/L-27060-16-4<br>C6-CCRNR/L-35065-16-4 | 5322 234-04 (7.94/.313)<br>5322 234-03 (6.35/.250)[2)] | 5513 020-07 | 5680 043-14 (20IP) | 5412 034-031<br>5412 032-031[3)]<br>5412 028-031[4)] |
| CCLNR/L 124B-4<br>CCLNR/L 164C-4<br>CCLNR/L 164D-4<br>CCLNR/L 204D-4<br>CCLNR/L 244D-4<br>CCLNR/L 854D-4 | CCLNR/L 2525M12-4<br>CCLNR/L 3225P12-4 | C4-CCLNR/L-27050-12-4<br>C5-CCLNR/L-35060-12-4<br>C6-CCLNR/L-45065-12-4 | 5322 234-02 (7.94/.313)<br>5322 234-01 (4.76/.187)[2)] | 5513 020-02 | 5680 049-01 (15IP) | 5412 034-021<br>5412 032-021[3)]<br>5412 028-021[4)] |
| CCLNR/L 165C-4<br>CCLNR/L 164D-4<br>CCLNR/L 204D-4<br>CCLNR/L 244D-4 | CCLNR/L 2525M16-4<br>CCLNR/L 3225P16-4<br>CCLNR/L 3232P16-4 | C5-CCLNR/L-35060-16-4<br>C6-CCLNR/L-45065-16-4 | 5322 234-04 (7.94/.313)<br>5322 234-03 (6.35/.250)[2)] | 5513 020-07 | 5680 043-14 (20IP) | 5412 034-031<br>5412 032-031[3)]<br>5412 028-031[4)] |
| 55° | | | | | | |
| CDJNR/L 164C-4<br>CDJNR/L 164D-4<br>CDJNR/L 204D-4<br>CDJNR/L 244D-4<br>CDJNR/L 854D-4 | CDJNR/L 2525M15-4<br>CDJNR/L 3225P15-4<br>CDJNR/L 3232P15-4 | C5-CDJNR/L-35060-15-4<br>C6-CDJNR/L-45065-15-4 | 5322 266-01 (4.76/.187)[2)]<br>5322 266-02 (6.35/.250)[2)] | | | 5412 032-021[3)]<br>5412 028-021[4)] |
| CDNNR/L 854D-4 | CDNNR/L 3225P15-4 | | 5322 266-03 (7.94/.313)<br>5322 266-01 (4.76/.187)[2)]<br>5322 266-02 (6.35/.250)[2)] | 5513 020-02 | 5680 049-01 (15IP) | 5412 034-021<br>5412 032-021[3)]<br>5412 028-021[4)] |
| | CDNNN 5040T15-4 | | 5322 266-03 (7.94/.313)<br>5322 266-01 (4.76/.187)[2)]<br>5322 266-02 (6.35/.250)[2)] | 5513 020-02 | 5680 049-01 (15IP) | 5412 034-021<br>5412 032-021[3)]<br>5412 028-021[4)] |

# CoroTurn® RC diseño de sujeción rígida para plaquitas de cerámica

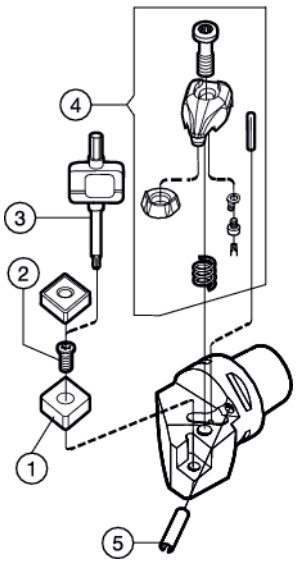
| Portaplaquitas con mango | | | 1 | 2 | 3 | 4[1)2)] |
|---|---|---|---|---|---|---|
| Pulgadas | Métrica | Coromant Capto® | Placa de apoyo (para plaquita de grosor mm/pulgadas) | Tornillo de la placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo |
| | | | | | | |
| | CSBNR/L 2525M12-4 | | 5322 425-02 (7.94/.313)<br>5322 425-01 (4.76/.187)[2)] | 5513 020-02 | 5680 049-01 (15IP) | 5412 034-021<br>5412 032-021[3)]<br>5412 028-021[4)] |
| CSDNN 164D-4<br>CSDNN 854D-4 | CSDNN 2525M12-4<br>CSDNN 3225P12-4 | C4-CSDNN-00050-12-4<br>C5-CSDNN-00060-12-4<br>C6-CSDNN-00065-12-4 | 5322 425-02 (7.94/.313)<br>5322 425-01 (4.76/.187)[2)] | 5513 020-02 | 5680 049-01 (15IP) | 5412 034-021<br>5412 032-021[3)]<br>5412 028-021[4)] |
| | | C5-CSDNN-00060-15-4<br>C6-CSDNN-00065-15-4 | 5322 425-05 (7.94/.313)<br>5322 425-03 (6.35/.250)[2)] | 5513 020-07 | 5680 043-14 (20IP) | 5412 034-031<br>5412 032-031[3)]<br>5412 028-031[4)] |
| CSKNR/L 164D-4 | CSKNR/L 2525M12-4 | C4-CSKNR/L-27050-12-4<br>C5-CSKNR/L-35060-12-4<br>C6-CSKNR/L-45065-12-4 | 5322 425-02 (7.94/.313)<br>5322 425-01 (4.76/.187)[2)] | 5513 020-02 | 5680 049-01 (15IP) | 5412 034-021<br>5412 032-021[3)]<br>5412 028-021[4)] |
| CSRNR/L 124BM1-4<br>CSRNR/L 164DM1-4<br>CSRNR/L 204DM1-4 | CSRNR/L 2525M12-4<br>CSRNR/L 3225P12-4 | C4-CSRNR/L-22050-12-4<br>C5-CSRNR/L-27060-12-4<br>C6-CSRNR/L-35065-12-4 | 5322 425-02 (7.94/.313)<br>5322 425-01 (4.76/.187)[2)] | 5513 020-02 | 5680 049-01 (15IP) | 5412 034-021<br>5412 032-021[3)]<br>5412 028-021[4)] |
| CSRNR/L 244DM1-4<br>CSRNR/L 854D-4 | | | | | | |
| CSRNR/L 165D-4<br>CSRNR/L 855D-4 | CSRNR/L 3225P15-4 | C5-CSRNR/L-27060-15-4<br>C6-CSRNR/L-35065-15-4 | 5322 425-05 (7.94/.313)<br>5322 425-03 (6.35/.250)[2)] | 5513 020-07 | 5680 043-14 (20IP) | 5412 034-031<br>5412 032-031[3)]<br>5412 028-031[4)] |
| CSSNR/L 164D-4<br>CSSNR/L 854D-4 | CSSNR/L 2525M12-4 | C4-CSSNR/L-27042-12-4 | 5322 425-02 (7.94/.313)<br>5322 425-01 (4.76/.187)[2)] | 5513 020-02 | 5680 049-01 (15IP) | 5412 034-021<br>5412 032-021[3)] |
| | CSRNR/L 3225P12-4 | C5-CSSNR/L-35052-12-4<br>C6-CSSNR/L-45056-12-4 | | | | 5412 028-021[4)] |
| | | C5-CSSNR/L-35050-15-4 | 5322 425-05 (7.94/.313)<br>5322 425-03 (6.35/.250)[2)] | 5513 020-07 | 5680 043-14 (20IP) | 5412 034-031<br>5412 032-031[3)] |
| | | C5-CSSNR/L-45054-15-4 | | | | 5412 028-031[4)] |
| | | | | | | |
| CTGNR/L 204D-4 | CTGNR/L 3232P22-4 | C4-CTGNR/L-27050-22-4<br>C5-CTGNR/L-35060-22-4<br>C6-CTGNR/L-45065-22-4 | 5322 315-04 (4.76/.187) | 5513 020-02 | 5680 049-01 (15IP) | 5412 034-021<br>5412 032-021[3)]<br>5412 028-021[4)] |

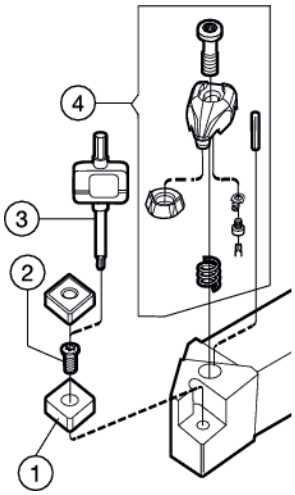
1) Para piezas para juego de sujeción, ver páginas A359.
2) Piezas opcionales suministradas en pedido separado
3) Juegos de sujeción para plaquitas cerámicas con agujero
4) Juego de sujeción para plaquitas de metal duro

| Boquilla para unidades de corte Coromant Capto® | |
|---|---|
| Tamaño de unidad de corte | 5<br>Boquilla |
| C4–C6 | 5691 045-01 |
| C5 | 5691 029-01 |

# CoroTurn® RC diseño de sujeción rígida para plaquitas de cerámica

**Diseño de sujeción para plaquitas con agujero**




| Boquilla para unidades de corte Coromant Capto® | |
|---|---|
| Tamaño de unidad de corte | 5<br>Boquilla |
| C4–C6 | 5691 045-01 |

| Portaplaquitas con mango | | | 1 | 2 | 3 | 4[1)2)] |
|---|---|---|---|---|---|---|
| Pulgadas | Métrica | Coromant Capto® | Placa de apoyo (para plaquita de grosor mm/pulgadas) | Tornillo de la placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo |
| 80° | | | | | | |
| DCRNR/L 124BM1-2<br>DCRNR/L 164DM1-2<br>DCRNR/L 204DM1-2<br>DCRNR/L 244DM1-2<br>DCRNR/L 854D-2 | DCBNR/L 2525M12-2<br>DCBNR/L 3225P12-2 | C4-DCRNR/L-22050-12-2<br>C5-DCRNR/L-27060-12-2<br>C6-DCRNR/L-35065-12-2 | 5322 234-02 (7.94/.313)<br>5322 234-01 (4.76/.187)[2)] | 5513 020-02 | 5680 049-01 (15IP) | 5412 032-021<br>5412 034-021[3)]<br>5412 028-021[4)] |
| DCRNR/L855D-2 | DCBNR/L 3225P16-2 | C5-DCRNR/L-27060-16-2<br>C6-DCRNR/L-35065-16-2 | 5322 234-04 (7.94/.313)<br>5322 234-03 (6.35/.250)[2)] | 5513 020-07 | 5680 043-14 (20IP) | 5412 032-031<br>5412 034-031[3)]<br>5412 028-031[4)] |
| DCLNR/L 124B-2<br>DCLNR/L 164C-2<br>DCLNR/L 164D-2<br>DCLNR/L 204D-2<br>DCLNR/L 244D-2<br>DCLNR/L 854D-2 | DCLNR/L 2525M12-2<br>DCLNR/L 3225P12-2 | C4-DCLNR/L-27050-12-2<br>C5-DCLNR/L-35060-12-2<br>C6-DCLNR/L-45065-12-2 | 5322 234-02 (7.94/.313)<br>5322 234-01 (4.76/.187)[2)] | 5513 020-02 | 5680 049-01 (15IP) | 5412 032-021<br>5412 034-021[3)]<br>5412 028-021[4)] |
| DCLNR/L 165D-2<br>DCLNR/L 205D-2<br>DCLNR/L 245D-2<br>DCLNR/L 855D-2 | DCLNR/L 2525M16-2<br>DCLNR/L 3225P16-2<br>DCLNR/L 3232P16-2 | C5-DCLNR/L-35060-16-2<br>C6-DCLNR/L-45065-16-2 | 5322 234-04 (7.94/.313)<br>5322 234-03 (6.35/.250)[2)] | 5513 020-07 | 5680 043-14 (20IP) | 5412 032-031<br>5412 034-031[3)]<br>5412 028-031[4)] |
| 55° | | | | | | |
| | DDNNN 5040T15-2 | | 5322 266-03 (7.94/.313)<br>5322 266-01 (4.76/.187)[2)]<br>5322 266-02 (6.35/.250)[2)] | 5513 020-02 | 5680 049-01 (15IP) | 5412 032-021<br>5412 034-021[3)]<br>5412 028-021[4)] |
| DDJNR/L 164C-2<br>DDJNR/L 164D-2<br>DDJNR/L 204D-2<br>DDJNR/L 244D-2<br>DDJNR/L 854D-2 | DDJNR/L 2525M15-2<br>DDJNR/L 3225P15-2<br>DDJNR/L 3232P15-2 | C5-DDJNR/L-35060-15-2<br>C6-DDJNR/L-45065-15-2 | 5322 266-03 (7.94/.313)<br>5322 266-01 (4.76/.187)[2)]<br>5322 266-02 (6.35/.250)[2)] | 5513 020-02 | 5680 049-01 (15IP) | 5412 032-021<br>5412 034-021[3)]<br>5412 028-021[4)] |
| DDNNR/L 854D-2 | DDNNR/L 3225P15-2 | | 5322 266-03 (7.94/.313)<br>5322 266-01 (4.76/.187)[2)]<br>5322 266-02 (6.35/.250)[2)] | 5513 020-02 | 5680 049-01 (15IP) | 5412 032-021<br>5412 034-021[3)]<br>5412 028-021[4)] |

# CoroTurn® RC diseño de sujeción rígida para plaquitas de cerámica

**Diseño de sujeción para plaquitas con agujero**

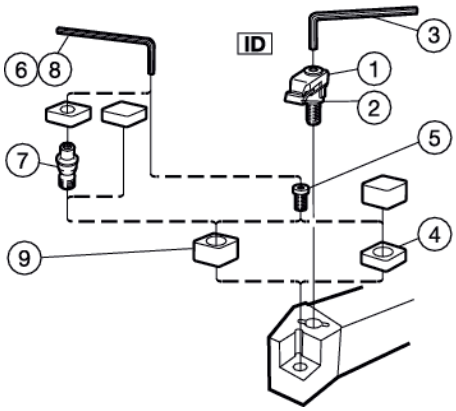
| Portaplaquitas con mango | | | 1 | 2 | 3 | 4[1)2)] |
|---|---|---|---|---|---|---|
| Pulgadas | Métrica | Coromant Capto® | Placa de apoyo (para plaquita de grosor mm/pulgadas) | Tornillo de la placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo |
| | | | | | | |
| | DSBNR/L 2525M12-2 | | 5322 425-02 (7.94/.313)<br>5322 425-01 (4.76/.187)[2)] | 5513 020-02 | 5680 049-01 (15IP) | 5412 032-021<br>5412 034-021[3)]<br>5412 028-021[4)] |
| DSDNN 164D-2<br>DSDNN 854D-2 | DSDNN 2525M12-2<br>DSDNN 3225P12-2 | C4-DSDNN-00050-12-2<br>C5-DSDNN-00060-12-2<br>C6-DSDNN-00065-12-2 | 5322 425-02 (7.94/.313)<br>5322 425-01 (4.76/.187)[2)] | 5513 020-02 | 5680 049-01 (15IP) | 5412 032-021<br>5412 034-021[3)]<br>5412 028-021[4)] |
| DSKNR/L 164D-2 | DSKNR/L 2525M12-2<br>DSKNR/L 3225P12-2 | C4-DSKNR/L-27050-12-2<br>C5-DSKNR/L-35060-12-2<br>C6-DSKNR/L-45065-12-2 | 5322 425-02 (7.94/.313)<br>5322 425-01 (4.76/.187)[2)] | 5513 020-02 | 5680 049-01 (15IP) | 5412 032-021<br>5412 034-021[3)]<br>5412 028-021[4)] |
| DSRNR/L 124BM1-2<br>DSRNR/L 164DM1-2<br>DSRNR/L 204DM1-2<br>DSRNR/L 244DM1-2<br>DSRNR/L 854D-2 | DSRNR/L 2525M12-2<br>DSKNR/L 3225P12-2 | C4-DSRNR/L-22050-12-2<br>C5-DSRNR/L-27060-12-2<br>C6-DSRNR/L-35065-12-2 | 5322 425-02 (7.94/.313)<br>5322 425-01 (4.76/.187)[2)] | 5513 020-02 | 5680 049-01 (15IP) | 5412 032-021<br>5412 034-021[3)]<br>5412 028-021[4)] |
| DSSNR/L 164D-2<br>DSSNR/L 854D-2 | DSSNR/L 2525M12-2 | C4-DSSNR/L-27042-12-2<br>C5-DSSNR/L-35052-12-2<br>C6-DSSNR/L-45056-12-2 | 5322 425-02 (7.94/.313)<br>5322 425-01 (4.76/.187)[2)] | 5513 020-02 | 5680 049-01 (15IP) | 5412 032-021<br>5412 034-021[3)]<br>5412 028-021[4)] |
| | | | | | | |
| DTGNR/L 204D-2 | DTGRN/L 3232P22-2<br>DTGRN/L 3232P22-2<br>DTGRN/L 3232P22-2 | C4-DTGNR/L-27050-22-2<br>C5-DTGNR/L-35060-22-2<br>C6-DTGNR/L-45065-22-2 | 5322 315-04 (4.76/.187) | 5513 020-02 | 5680 049-01 (15IP) | 5412 032-021<br>5412 034-021[3)]<br>5412 028-021[4)] |

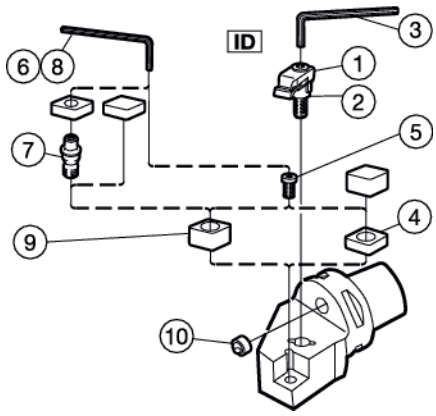
1) Para piezas para juego de sujeción, ver páginas A359.
2) Piezas opcionales suministradas en pedido separado
3) Juegos de sujeción para plaquitas cerámicas sin agujero
4) Juego de sujeción para plaquitas de metal duro

Boquilla para unidades de corte Coromant Capto®

| Tamaño de unidad de corte | 5<br>Boquilla |
|---|---|
| C4–C6 | 5691 045-01 |

# T-Max® sujeción por brida superior para plaquitas de cerámica



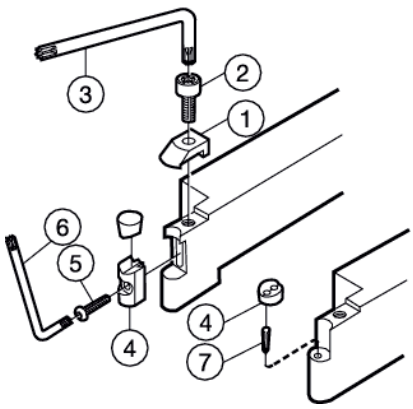

| Boquilla para unidades de corte Coromant Capto® | |
|---|---|
| Tamaño de unidad de corte | 10 Boquilla |
| C3–C4 | 5691 029-01 |
| C5–C6 | 5691 029-02 |
| C8 | 5691 029-03 |

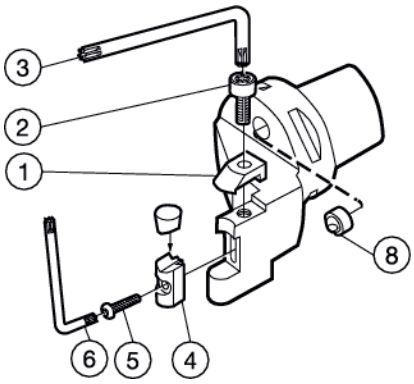
| Portaplaquitas con mango | Coromant Capto® | 1 Brida (ID) | 2 Placa de presión (ID) | 3 Llave (mm) | 4 Placa de apoyo (para plaquita de grosor mm/pulgadas) | 5 Tornillo de la placa de apoyo |
|---|---|---|---|---|---|---|
| CRDNN 2525M09-ID | | 5412 127-01 | – | 3021 010-040 (4.0) | 5321 215-01 (3.18/.125) | 3212 100-206 |
| CRDNN 2525M12-ID<br>CRDNN 3225P12-ID | | 5412 125-01 | 5192 020-01 | 3021 010-040 (4.0) | 5322 141-01 (7.97/.314) | 5513 013-02 |
| CRSNR/L 2525M09-ID | C3-CRSNR/L-22040-09ID | 5412 127-01 | – | 3021 010-040 (4.0) | 5321 215-01 (3.18/.125) | 3212 100-206 |
| CRSNR/L 2525M12-ID<br>CRSNR/L 3225P12-ID | C4-CRSNR/L-27050-12ID<br>C5-CRSNR/L-35060-12ID<br>C6-CRSNR/L-45065-12ID | 5412 125-01 | 5192 020-01 | 3021 010-040 (4.0) | 5322 141-01 (7.97/.314) | 5513 013-02 |
| CRSNR/L 3232P15-ID | | 5412 125-01 | 5192 020-01 | 3021 010-040 (4.0) | 5321 215-02 (7.97/.314) | 3212 100-206 |
| CRSNR/L 3232P19-ID | | 5412 125-01 | 5192 020-01 | 3021 010-040 (4.0) | 5321 215-03 (7.97/.314) | 3212 100-257 |
| CRSNR/L 5040T25-ID | | 5412 125-02 | 5192 020-01 | 3021 010-040 (4.0) | 5322 141-05 | 5513 013-03 |

| Portaplaquitas con mango | Coromant Capto® | 6 Llave (mm/Torx Plus) | 7[1] Pasador central (IP) | 8[1] Llave (mm) | 9[1] Placa de apoyo (para plaquita de grosor mm/pulgadas) |
|---|---|---|---|---|---|
| CRDNN 2525M09-ID | | 174.1-870 (2.0) | – | – | – |
| CRDNN 2525M12-ID<br>CRDNN 3225P12-ID | | 5680 043-14 (20IP) | 5313 032-02 | 174.1-863 (2.5) | 5322 141-02 (4.76/.187) |
| CRSNR/L 2525M09-ID | C3-CRSNR/L-22040-09ID | 174.1-870 (2.0) | – | – | – |
| CRSNR/L 2525M12-ID<br>CRSNR/L 3225P12-ID | C4-CRSNR/L-27050-12ID<br>C5-CRSNR/L-35060-12ID<br>C6-CRSNR/L-45065-12ID | 5680 043-14 (20IP) | 5313 032-02 | 174.1-863 (2.5) | 5322 141-02 (4.76/.187) |
| CRSNR/L 3232P15-ID | | 174.1-870 (2.0) | – | – | – |
| CRSNR/L 3232P19-ID | | 174.3-863 (2.5) | – | – | – |
| CRSNR/L 5040T25-ID | | 174.1-864 (3.0) | – | – | – |

1) Piezas opcionales suministradas en pedido separado

# T-Max® diseño de brida superior para plaquitas de cerámica RCGX/RPGX

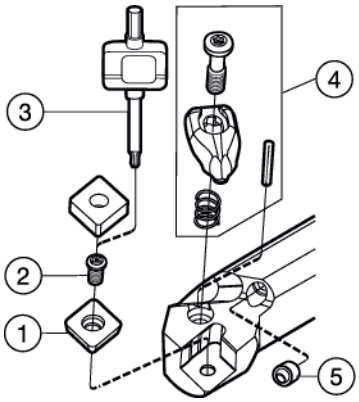



| Portaplaquitas con mango | Coromant Capto® | 1<br>Amarre | 2<br>Tornillo de sujeción | 3<br>Llave (Torx Plus/mm) | 4<br>Asiento | 5<br>Tornillo del asiento |
|---|---|---|---|---|---|---|
| CRDCN 3225P06-A | | 5412 105-01 | 3212 036-506 | 5680 043-17 (30IP) | 5321 066-01 | 3212 010-157 |
| CRDCN 3225P09-A | C5-CRDCN-00060-09AV | 5412 100-01 | 3212 035-452 | 5680 043-16 (27IP) | 5321 065-01 | 3212 106-352 |
| CRDCN 3225P12-A | C5-CRDCN-00060-12AV | 5412 100-02 | 3212 036-504 | 5680 043-17 (30IP) | 5321 065-02 | 3212 105-453 |
| CRDCN 5040T12-ID | | 5412 100-02 | 3212 036-504 | 5680 043-17 (30IP) | 5321 210-02 | – |
| CRDCN 5040T15-ID | | 5412 126-01 | – | 3021 010-040 (4.0) | 5321 210-03 | – |
| CRDCN 5040T19-ID | | 5412 126-02 | – | 3021 010-040 (4.0) | 5321 210-04 | – |
| CRDCN 5040T25-ID | | 5412 126-02 | – | 3021 010-040 (4.0) | 5321 210-05 | – |
| CRDCR/L 3225P09-A | | 5412 100-01 | 3212 035-452 | 5680 043-16 (27IP) | 5321 065-01 | 3212 106-352 |
| CRDCR/L 3225P12-A | | 5412 100-02 | 3212 036-504 | 5680 043-17 (30IP) | 5321 065-02 | 3212 105-453 |
| | C5-CRSCR/L-35060-09V | 5412 100-01 | 3212 035-452 | 5680 043-16 (27IP) | 5321 065-01 | 3212 106-352 |
| | C5-CRSCR/L-35060-12V | 5412 100-02 | 3212 036-504 | 5680 043-17 (30IP) | 5321 065-02 | 3212 105-453 |
| R 176.9-3236-06 | | 5412 110-02 | 3212 036-506 | 5680 043-17 (30IP) | 5321 066-01 | 3212 010-157 |
| L 176.9-3236-06 | | 5412 110-01 | 3212 036-506 | 5680 043-17 (30IP) | 5321 066-01 | 3212 010-157 |

| Portaplaquitas con mango | Coromant Capto® | 6<br>Llave (mm/Torx Plus) | 7<br>Pasador del asiento | 8<br>Boquilla |
|---|---|---|---|---|
| CRDCN 3225P06-A | | 174.1-870 (2.0) | – | – |
| CRDCN 3225P09-A | C5-CRDCN-00060-09AV | 5680 043-12 (10IP) | – | 5691 029-02 |
| CRDCN 3225P12-A | C5-CRDCN-00060-12AV | 5680 043-15 (25IP) | – | 5691 029-02 |
| CRDCN 5040T12-ID | | – | 3113 030-355 | – |
| CRDCN 5040T15-ID | | – | 3113 030-355 | – |
| CRDCN 5040T19-ID | | – | 3113 030-406 | – |
| CRDCN 5040T25-ID | | – | 3113 030-406 | – |
| CRDCR/L 3225P09-A | | 5680 043-12 (10IP) | – | – |
| CRDCR/L 3225P12-A | | 5680 043-15 (25IP) | – | – |
| | C5-CRSCR/L-35060-09V | 5680 043-12 (10IP) | – | 5691 029-02 |
| | C5-CRSCR/L-35060-12V | 5680 043-15 (25IP) | – | 5691 029-02 |
| R 176.9-3236-06 | | 174.1-870 (2.0) | – | – |
| L 176.9-3236-06 | | 174.1-870 (2.0) | – | – |

# CoroTurn® RC diseño de sujeción rígida

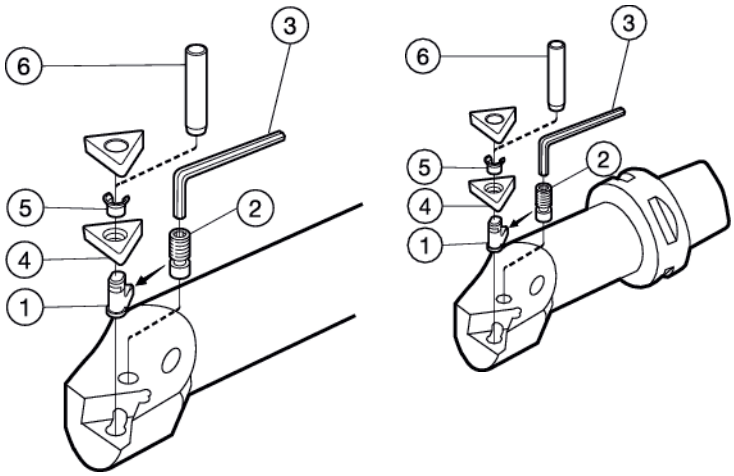



| Boquilla para unidades de corte Coromant Capto® | |
|---|---|
| Tamaño de unidad de corte | 10<br>Boquilla |
| C4–C6 | 5691 029-06 |

| **Portaplaquitas con** | | | 1 | 2 | 3 | 4[1)2)] |
|---|---|---|---|---|---|---|
| Pulgadas | Métrica | Coromant Capto | Placa de apoyo (para plaquita de grosor mm/pulgadas) | Tornillo de la placa de apoyo | Llave (Torx Plus) | Juego de sujeción completo |
| 80° | | | | | | |
| A12S-DCLNR/L 3<br>A16T-DCLNR/L 3<br>A20T-DCLNR/L 3 | A25T-DCLNR/L 09 | C4-DCLNR/L-13080-09<br>C5-DCLNR/L-13080-09 | 5322 236-04 (3.18/.125) | 5513 020-04 | 5680 051-03 (9IP) | 5412 028-011 |
| A16T-DCLNR/L 4<br>A20T-DCLNR/L 4<br>A24T-DCLNR/L 4 | A25T-DCLNR/L 12<br>A32U-DCLNR/L 12 | C4-DCLNR/L-17090-12<br>C5-DCLNR/L-17090-12<br>C6-DCLNR/L-17090-12 | 5322 236-03 (4.76/.187) | 5513 020-02 | 5680 049-01 (15IP) | 5412 028-021<br>5412 032-021[3)]<br>5412 034-021[4)] |
| | A40V-DCLNR/L 12 | | 5322 234-01 (4.76/.187)<br>5322 234-02 (7.94/.312)[2)] | 5513 020-02 | 5680 049-01 (15IP) | 5412 028-021<br>5412 032-021[3)]<br>5412 034-021[4)] |
| A24T-DCLNR/L 5<br>A32U-DCLNR/L 5<br>A40V-DCLNR/L 5 | A50W-DCLNR/L 16 | C6-DCLNR/L-27140-16 | 5322 234-03 (6.35/.250)<br>5322 234-04 (7.94/.312)[2)] | 5513 020-07 | 5680 043-14 (20IP) | 5412 028-031<br>5412 032-031[3)]<br>5412 034-031[4)] |
| 55° | | | | | | |
| A12S-DDUNR/L 3<br>A16T-DDUNR/L 3<br>A20U-DDUNR/L 3 | A25T-DDUNR/L 11<br>A32U-DDUNR/L 11 | C4-DDUNR/L-17090-11<br>C5-DDUNR/L-17090-11 | 5322 267-01 (4.76/.187) | 5513 020-04 | 5680 051-03 (9IP) | 5412 028-011[1)] |
| A16T-DDUNR/L 4<br>A20T-DDUNR/L 4<br>A24T-DDUNR/L 4<br>A32U-DDUNR/L 4<br>A40V-DDUNR/L 4 | A40V-DDUNR/L 15<br>A50U-DDUNR/L 15 | C4-DDUNR/L-27080-15<br>C5-DDUNR/L-27140-15<br>C6-DDUNR/L-27140-15 | 5322 266-02 (6.35/.250)<br>5322 266-01 (4.76/.187)[2) 5)]<br>5322 266-03 (7.94/.312)[2)] | 5513 020-02 | 5680 049-01 (15IP) | 5412 028-021<br>5412 032-021[3)]<br>5412 034-021[4)] |
| | A25T-DSKNR/L 09 | | 5322 426-01 (3.18/.125) | 5513 020-04 | 5680 051-03 (9IP) | 5412 028-011 |
| A16T-DSKNR/L 4<br>A20T-DSKNR/L 4 | A25T-DSKNR/L 12<br>A32U-DSKNR/L 12 | | 5322 426-02 (4.76/.187) | 5513 020-02 | 5680 049-01 (15IP) | 5412 028-021<br>5412 032-021[3)]<br>5412 034-021[4)] |
| A24T-DSKNR/L 4 | A40V-DSKNR/L 12 | | 5322 425-01 (4.76/.187)<br>5322 425-02 (7.94/.312)[2)] | 5513 020-02 | 5680 049-01 (15IP) | 5412 028-021<br>5412 032-021[3)]<br>5412 034-021[4)] |
| A12S-DTFNR/L 3<br>A16T-DTFNR/L 3<br>A20T-DTFNR/L 3<br>A24T-DTFNR/L 3 | A25T-DTFNR/L 16<br>A32U-DTFNR/L 16<br>A40T-DTFNR/L 16 | C4-DTFNR/L-17090-16<br>C5-DTFNR/L-17090-16 | 5322 316-01 (4.76/.187) | 5513 020-04 | 5680 051-03 (9IP) | 5412 028-011 |
| A24T-DTFNR/L 4<br>A32U-DTFNR/L 4 | A40V-DTFNR/L 22<br>A50W-DTFNR/L 22 | | 5322 315-04 (4.76/.187) | 5513 020-02 | 5680 049-01 (15IP) | 5412 028-021<br>5412 032-021[3)]<br>5412 034-021[4)] |
| 80° | | | | | | |
| A16T-DWLNR/L 3<br>A20T-DWLNR/L 3 | A25T-DWLNR/L 06<br>A32T-DWLNR/L 06<br>A40T-DWLNR/L 06 | C4-DWLNR/L-13075-06 | 5322 328-01 (4.76/.187) | 5513 020-04 | 5680 051-03(9IP) | 5412 028-011 |
| A16T-DWLNR/L 4<br>A20T-DWLNR/L 4<br>A24T-DWLNR/L 4 | A25T-DWLNR/L 08<br>A32T-DWLNR/L 08 | C4-DWLNR/L-17090-08<br>C5-DWLNR/L-17090-08 | 5322 328-02 (4.76/.187) | 5512 020-02 | 5680 049(15IP) | 5412 028-021 |
| A32U-DWLNR/L 4 | A40T-DWLNR/L 08<br>A50V-DWLNR/L 08 | | 5322 331-12 (4.76/.187) | 5513 020-02 | 5680 049-01(15IP) | 5412 028-021 |
| 35° | | | | | | |
| A24T-DVUNR/L 3 | A40T-DVUNR/L 16 | | 5322 269-01 (4.76/.187) | 5513 020-09 | 5680-049-01(15IP) | 5412 028-061 |

1) Para piezas para juego de sujeción, ver páginas A359.
2) Piezas opcionales suministradas en pedido separado
3) Juegos de sujeción para plaquitas cerámicas con agujero
4) Juegos de sujeción para plaquitas cerámicas sin agujero
5) Para plaquitas con radio de punta .016-.031

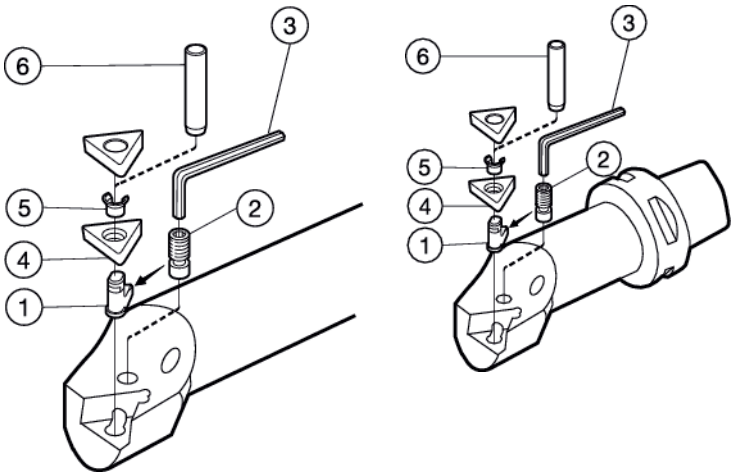
# Diseño de palanca T-Max P




| Portaplaquitas con mango | Coromant Capto® | 1 Palanca | 2 Tornillo | 3 Llave (mm) | 4 Placa de apoyo | Para espesor de plaquita | Radio mm/pulgadas | 5 Pasador de la placa de apoyo | 6 Punzón de montaje |
|---|---|---|---|---|---|---|---|---|---|
| 80° | | | | | | | | | |
| S16R-PCLNR/L 09<br>S20S-PCLNR/L 09<br>S25T-PCLNR/L 09 | C3-PCLNR/L- 13075-09<br>C3-PCLNR/L- 17090-09<br>C4-PCLNR/L- 13080-09<br>C4-PCLNR/L- 17090-09<br>C5-PCLNR/L- 13080-09<br>C5-PCLNR/L- 17090-09 | 174.3-845-1 | 174.3-829 | 170.3-864 (1.98) | – | – | – | – | |
| S25T-PCLNR/L 12 | C3-PCLNR/L- 17090-12<br>C4-PCLNR/L- 17090-12<br>C5-PCLNR/L- 17090-12<br>C6-PCLNR/L- 17100-12 | 438.3-841-1 | 438.3-832M | 174.1-863 (2.5) | – | – | – | – | |
| S32U-PCLNR/L 12 | | 174.3-848M | 174.3-858 | 174.1-864 (3.0) | 171.31-850M | 4.76/.187 | 0.4-1.6/.016–.063 | 174.3-861 | 174.3-871 |
| S40V-PCLNR/L 12 | C3-PCLNR/L- 22064-12<br>C3-PCLNR/L- 22096-12<br>C4-PCLNR/L- 22110-12<br>C4-PCLNR/L- 27080-12<br>C4-PCLNR/L- 27120-12<br>C5-PCLNR/L- 22110-12<br>C5-PCLNR/L- 27140-12<br>C5-PCLNR/L- 35100-12<br>C6-PCLNR/L- 22110-12 | 174.3-841M | 174.3-821 | 174.1-864 (3.0) | 171.31-850M | 4.76/.187 | 0.4-1.6/.016–.063 | 174.3-861 | 174.3-871 |
| S50W-PCLNR/L 16 | C5-PCLNR/L- 35150-16<br>C6-PCLNR/L- 27140-16<br>C6-PCLNR/L- 35175-16 | 438.3-840 | 438.3-831 | 174.1-864 (3.0) | 171.31-852 | 6.35/.250 | 0.4-2.4/.016–.094 | 174.3-864 | 174.3-873 |
| S50W-PCLNR/L 19 | | 174.3-849M | 174.3-822M | 3021 010-040 | 171.31-851M | 6.35/.250 | 0.4-2.4/.016–.094 | 174.3-868 | 174.3-872 |
| 55° | | | | | | | | | |
| S25T-PDUNR/L 11 | C3-PDUNR/L-17090-11<br>C4-PDUNR/L-17090-11<br>C5-PDUNR/L-17090-11<br>C6-PDUNR/L-17100-11 | 5432 015-021 | 438.3-830 | 174.1-870 (1.98) | – | – | – | – | |
| S32U-PDUNR/L 11 | C3-PDUNR/L-22064-11<br>C3-PDUNR/L-22096-11<br>C4-PDUNR/L-22110-11<br>C5-PDUNR/L-22110-11 | 5432 001-01 | 174.3-820M | 174.1-863 (2.5) | 5322 255-01<br>5322 255-02[1] | 4.76/.187<br>4.76/.187 | 0.4-0.8/.016–.031<br>1.2-1.6/.047–.063 | 174.3-860 | 174.3-870 |

1) Piezas opcionales suministradas en pedido separado

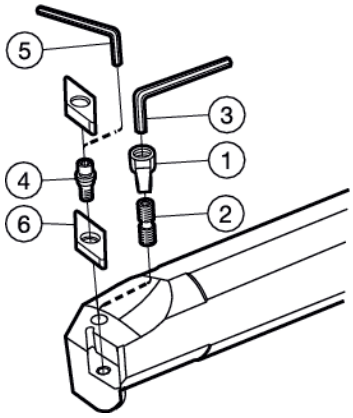
# Diseño de palanca T-Max P

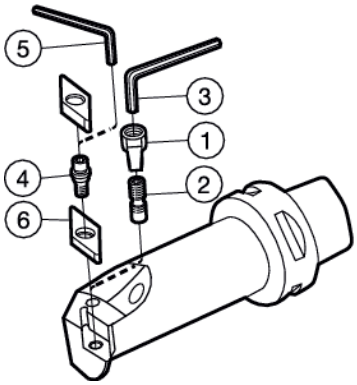



| | | 1 | 2 | 3 | 4 | | | 5 | 6 |
|---|---|---|---|---|---|---|---|---|---|
| Portaplaquitas con mango | Coromant Capto® | Palanca | Tornillo | Llave (mm) | Placa de apoyo | Para espesor de plaquita | Radio mm/pulgadas | Pasador de la placa de apoyo | Punzón de montaje |
| S40V-PDUNR/L 15<br>S50W-PDUNR/L 15 | | 174.3-847M | 174.3-830 | 174.1-864 (3.0) | 171.35-851M<br>171.35-850M[1)]<br>171.35-856[1)]<br>171.35-856[1)] | 6.35/.250<br>6.35/.250<br>4.76/.187<br>4.76/.187 | 0.4-0.8/.016–.031<br>1.2-1.6/.047–.063<br>0.4-0.8/.016–.031<br>1.2-1.6/.047–.063 | 174.3-861 | 174.3-871 |
| | C4-PDUNR/L-27080-15<br>C4-PDUNR/L-27120-15<br>C5-PDUNR/L-27140-15<br>C5-PDUNR/L-35100-15<br>C6-PDUNR/L-22110-15<br>C6-PDUNR/L-27140-15<br>C6-PDUNR/L-35175-15 | 174.3-847M | 174.3-830 | 174.1-864 (3.0) | 171.35-851M<br>171.35-850M[1)]<br>171.35-856[1)]<br>171.35-855[1)] | 6.35/.250<br>6.35/.250[1)]<br>4.76/.187[1)]<br>4.76/.187[1)] | 0.4-0.8/.016–.031<br>1.2-1.6/.047–.063<br>0.4-0.8/.016–.031<br>1.2-1.6/.047–.063 | 174.3-861 | 174.3-871 |
| S25T-PSKNR/L 12 | C3-PSKNR/L-17090-12<br>C4-PSKNR/L-17090-12<br>C5-PSKNR/L-17090-12 | 438.3-841-1 | 438.3-832M | 174.1-863 (2.5) | –<br>174.3-851M<br>174.3-856 | –<br>4.76/.187<br>4.76/.1871)<br>. | –<br>0.4-1.2/.016–.047<br>1.2-1.6/.047–.063<br>. | –<br>174.3-861 | <br>174.3-871 |
| S32U-PSKNR/L 12 | | 174.3-848M | 174.3-858 | 174.1-864 (3.0) | 174.3-851M<br>174.3-856 | 4.76/.187<br>4.76/.187 | 0.4-1.2/.016–.047<br>1.2-1.6/.047–.063 | 174.3-861 | 174.3-871 |
| S40V-PSKNR/L 12 | C3-PSKNR/L-22064-12<br>C3-PSKNR/L-22096-12<br>C4-PSKNR/L-22110-12<br>C4-PSKNR/L-27080-12<br>C4-PSKNR/L-27120-12<br>C5-PSKNR/L-22110-12<br>C5-PSKNR/L-27140-12<br>C6-PSKNR/L-22110-12 | 174.3-841M | 174.3-821 | 174.1-864 (3.0) | 174.3-851M<br>174.3-856 | 4.76/.187<br>4.76/.187 | 0.4-1.2/.016–.047<br>1.2-1.6/.047–.063 | 174.3-861 | 174.3-871 |
| | C5-PSKNR/L-35100-15<br>C5-PSKNR/L-35150-15<br>C6-PSKNR/L-27140-15<br>C6-PSKNR/L-35175-15 | 438.3-840 | 438.3-831 | 174.1-864 (3.0) | 174.3-857 | 6.35/.250 | 0.4-1.6/.016–.063 | 174.3-864 | 174.3-873 |
| S16R-PTFNR/L 11<br>S20S-PTFNR/L 11<br>S25T-PTFNR/L 11 | C3-PTFNR/L-13075-11<br>C4-PTFNR/L-13080-11<br>C5-PTFNR/L-13080-11 | 174.3-846-1 | 174.3-829 | 170.3-864 (1.98) | – | – | – | – | – |

1) Piezas opcionales suministradas en pedido separado

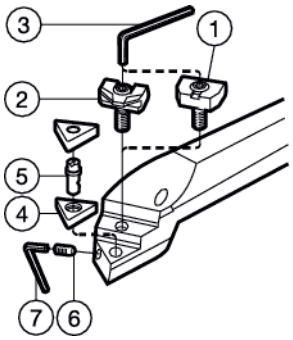
# Diseño de sujeción superior con excéntrica y brida superior T-Max P

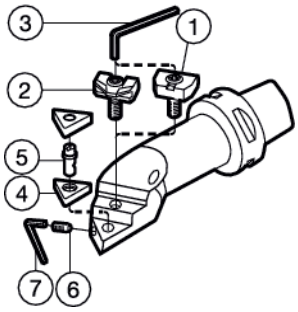


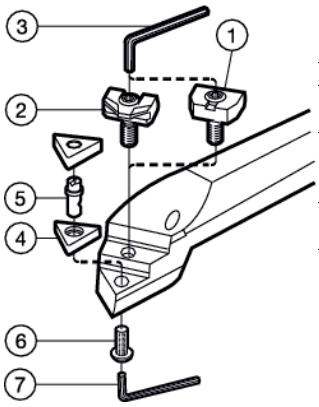




| Portaplaquitas con mango | Coromant Capto® | 1 Amarre | 2 Tornillo de sujeción | 3 Llave (mm) | 4 Pasador de blocaje | 5 Llave (mm) | 6 Placa de apoyo | Para espesor de plaquita | Radio mm/pulgadas |
|---|---|---|---|---|---|---|---|---|---|
| 35° | | | | | | | | | |
| S40V-MVUNR/L 16 | C4-MVUNR/L-27120-16<br>C5-MVUNR/L-27140-16<br>C5-MVUNR/L-35150-16<br>C6-MVUNL-22120-16<br>C6-MVUNR-35175-16 | MC-12 | MS-510 | 3021 011-532 (3.96) | MN-34L | 174.1-870 (1.98) | MVN-322 | 4.76/.187 | 0.4-1.2/.016-.047 |

# Diseño con cuña T-Max P



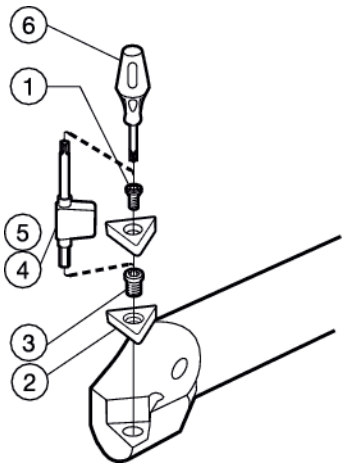

| Herramientas con | | | 1 | 2 | 3 |
|---|---|---|---|---|---|
| Pulgadas | Métrica | Coromant Capto® | Juego de cuña | Juego de brida-cuña | Llave (mm) |
| | | | | | |
| | S25T-PTFNR/L 16-W | C3-PTFNR/L-17090-16-W<br>C4-PTFNR/L-17090-16-W<br>C5-PTFNR/L-17090-16-W | 170.38-823-2 | – | 174.1-864 (3.0) |
| | S32U-PTFNR/L 16-W<br>S40V-PTFNR/L 16-W | C3-PTFNR/L-22096-16-W<br>C4-PTFNR/L-22110-16-W<br>C4-PTFNR/L-27120-16-W<br>C5-PTFNR/L-22110-16-W<br>C5-PTFNR/L-27140-16-W<br>C6-PTFNR/L-22110-16-W<br>C6-PTFNR/L-27140-16-W | 170.38-823-1<br>170.38-820-1[1)] | | 174.1-864 (3.0)<br>174.1-863 (2.5)[1)] |
| | | | 170.38-823-1<br>170.38-820-1[1)] | | 174.1-864 (3.0)<br>174.1-863 (2.5)[1)] |
| | S40V-PTFNR/L 22-W<br>S50W-PTFNR/L 22-W | C4-PTFNR/L-27120-22-W<br>C5-PTFNR/L-35150-22-W<br>C6-PTFNR/L-35175-22-W | 170.38-824-1<br>170.38-821-1[1)] | | 3021 010-040<br>174.1-864 (3.0)[1)] |
| | | C5-PTFNR/L-27140-22-W<br>C6-PTFNR/L-27140-22-W | 170.38-824-1 | – | 3021 010-040 |
| | | | | | |
| S16T-MWLNR/L 3 | A20S-MWLNR/L 06 | | – | 5431 125-011 | 170.3-860 (2.5) |
| S20U-MWLNR/L 3 | | | – | 5431 125-011 | 170.3-860 (2.5) |
| S24V-MWLNR/L 3 | A20S-MWLNR/L 06 | C3-MWLNR/L-13075-06<br>C3-MWLNR/L-17090-06M1<br>C4-MWLNR/L-13075-06M<br>C4-MWLNR/L-17090-06M1 | – | 5431 125-011 | 170.3-860 (2.5) |
| | A25T-MWLNR/L 06 | | – | 5431 125-011 | 170.3-860 (2.5) |
| S32W-MWLNR/L 3 | A32U-MWLNR/L 06 | | | 5431 125-011 | 170.3-860 (2.5) |
| S16T-MWLNR/L 4 | A25T-MWLNR/L 08<br>A25T-MWLNR/L 08 | C4-MWLNR/L-17090-08<br>C5-MWLNR/L-17090-08 | – | 5431 125-021 | 174.1-864 (3.0) |
| S20U-MWLNR/L 4 | A32U-MWLNR/L 08 | | – | 5431 125-021 | 174.1-864 (3.0) |
| S24V-MWLNR/L 4<br>S32W-MWLNR/L 4 | A40V-MWLNR/L 08<br>A50W-MWLNR/L 08 | C4-MWLNR/L-22110-08<br>C4-MWLNR/L-27120-08<br>C5-MWLNR/L-22110-08<br>C5-MWLNR/L-27140-08 | – | 5431 125-021 | 174.1-864 (3.0) |

[1)] Piezas opcionales suministradas en pedido separado

# Diseño con cuña T-Max P

| 4 | | | 5 | 6 | 7 |
|---|---|---|---|---|---|
| Placa de apoyo | Para espesor de plaquita | Radio mm/pulgadas | Pasador | Tornillo | Llave (mm/Torx Plus) |
| – | – | – | 5313 021-01 | 5512 031-01 | 5680 051-03 (9IP) |
| 170.3-852 | 4.76/.187 | 0.4-0.8/.016 - .031 | 5313 021-02 | 5512 031-01 | 5680 051-03 (9IP) |
| 170.3-852 | 4.76/.187 | 0.4-0.8/.016 - .031 | 5313 021-02 | 3212 100-206 | 174.1-870 (1.98) |
| 170.3-855 | 4.76/.187 | 1.2-1.6/.047 - .063 | 5313 021-03 | 5512 031-02 | 5680 049-02 (15IP) |
| 170.3-856[1)] | 4.76/.187 | 0.4-0.8/.016 - .031 | | | |
| 170.3-855 | 4.76/.187 | 1.2-1.6/.047 - .063 | 5313 021-03 | 5512 031-02 | 5680 051-03 (9IP) |
| – | – | – | 5313 022-02 | – | 170.3-864 (1.98) |
| 5322 331-06 | 4.76/.187 | 0.4-0.8/.016 - .031 | 5313 022-01 | 5512 030-03 | 170.3-864 (1.98) |
| 5322 331-11 | | | 5313 022-02 | – | 170.3-864 (1.98) |
| 5322 331-11 | 4.76/.187 | 0.4-0.8/.016 - .031 | 5313 022-02 | – | 170.3-864 (1.98) |
| 5322 331-06 | 4.76/.187 | 0.4-0.8/.016 - .031 | 5313 022-01 | 5512 030-03 | 170.3-864 (1.98) |
| 5322 331-09 | 4.76/.187 | 0.4-0.8/.016 - .031 | 5313 022-03 | – | – |
| 5322 331-10[1)] | 4.76/.187 | 1.2-1.6/.047 - .063 | | | |
| 5322 331-07 | 4.76/.187 | 0.4-0.8/.016 - .031 | 5313 022-03 | – | – |
| 5322 331-08[1)] | 4.76/.187 | 1.2-1.6/.047 - .063 | | | |
| 5322 331-07 | 4.76/.187 | 0.4-0.8/.016 - .031 | 5313 022-03 | 5512 030-04 | 174.1-863 (2.5) |
| 5322 331-08[1)] | 4.76/.187 | 1.2-1.6/.047 - .063 | | | |

# Diseño de sujeción por tornillo CoroTurn® 107



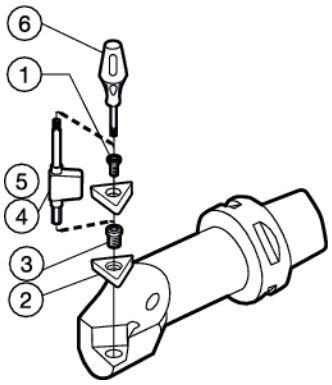

| Portaplaquitas con mango | | | 1 |
|---|---|---|---|
| Pulgadas | Métrica | Coromant Capto® | Tornillo de plaquita (rosca) |
| | | | |
| E05K-SCLCR/L 2-R | A08H-SCLCR/L 06<br>A10K-SCLCR/L 06<br>E08K-SCLCR/L 06-R<br>E10M-SCLCR/L 06-R | – | 5513 020-46 (M2.5) |
| E06M-SCLCR/L-2<br>E08R-SCLCR/L-2<br>E10R-SCLCR/L-2<br>A06M-SCLCR/L-2<br>A08M-SCLCR/L-2<br>A06M-SCLCR/L 2-R<br>A08M-SCLCR/L 2-R<br>A10R-SCLCR/L 2-R<br>A10R-SCLCR/L 2<br>E06M-SCLCR/L 2-R<br>E08R-SCLCR/L 2-R<br>E10R-SCLCR/L 2-R | E12Q-SCLCR/L 06-R<br>E16R-SCLCR/L 06-R<br>A12M-SCLCR/L 06<br>A16R-SCLCR/L 06<br>A08H-SCLCR/L 06-R<br>A10K-SCLCR/L 06-R<br>A12M-SCLCR/L 06-R<br>A16R-SCLCR/L 06-R | – | 5513 020-03 (M2.5) |
| A12S-SCLCR/L3<br>A10R-SCLCR/L-3<br>E12S-SCLCR/L-3<br>A10R-SCLCR/L 3-R<br>A12S-SCLCR/L 3-R | A16R-SCLCR/L 09<br>A20S-SCLCR/L 09<br>A16R-SCLCR/L 09-R<br>A20S-SCLCR/L 09-R<br>E16R-SCLCR/L 09-R | C3-SCLCR/L-11065-09<br>C4-SCLCR/L-11070-09<br>C5-SCLCR/L-11070-09<br>C3-SCLCR/L-13075-09<br>C4-SCLCR/L-13080-09<br>C5-SCLCR/L-13080-09 | 5513 020-09 (M3.5) |
| E16T-SCLCR/L-3<br>A16T-SCLCR/L-3<br>E10R-SCLCR/L 3-R | A25T-SCLCR/L 09 | C3-SCLCR/L-17090-09<br>C4-SCLCR/L-17090-09<br>C5-SCLCR/L-17090-09 | 5513 020-10 (M3.5) |
| | | C4-SCLCR/L-27080-09<br>C5-SCLCR/L-35100-09 | 5513 020-01 (M3.5) |
| A16T-SCLCR/L-4 | A25T-SCLCR/L 12 | C3-SCLCR/L-17090-12<br>C4-SCLCR/L-17090-12<br>C5-SCLCR/L-17090-12 | 5513 020-17 (M4x0.5) |
| A20U-SCLCR/L-4<br>A24V-SCLCR/L-4 | A32T-SCLCR/L 12<br>A40T-SCLCR/L 12 | C3-SCLCR/L-22064-12<br>C3-SCLCR/L-22096-12 | 5513 020-18 (M4x0.5) |

[1] Las piezas opcionales deben pedirse por separado.

## Diseño de sujeción por tornillo CoroTurn® 107

| 2 | | | 3 | 4/5 | 6[1)] |
|---|---|---|---|---|---|
| Placa de apoyo | Para espesor de plaquita | Radio mm/pulgadas | Tornillo de placa de apoyo (rosca) | Llave (Torx Plus/mm) | Destornillador (Torx Plus) |
| | | – | – | 5680 051-02 (7IP) | |
| – | – | | | 5680 051-02 (7IP) | 5680 046-03 (7IP) |
| – | – | – | – | 5680 049-01 (15IP/3.5) | 5680 046-02 (15IP) |
| – | – | – | – | 5680 049-01 (15IP/3.5) | 5680 046-02 (15IP) |
| 5322 232-01 | 3.97/.156 | 0.4-0.8/.016-.031 | 5512 090-01 (M5x0.5) | 5680 049-01 (15IP/3.5) | 5680 046-02 (15IP) |
| – | – | – | – | 5680 049-02 (15IP/4.0) | 5680 046-02 (15IP) |
| 5322 232-02 | 4.76/.187 | 0.4-1.2/.016-.047 | 5512 090-03 (M6x0.75) | 5680 049-02 (15IP/4.0) | 5680 046-02 (15IP) |

# Diseño de sujeción por tornillo CoroTurn® 107



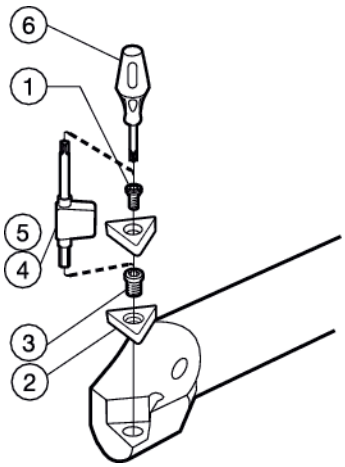

| Portaplaquitas con mango | | | 1 |
|---|---|---|---|
| Pulgadas | Métrica | Coromant Capto® | Tornillo de plaquita (rosca) |
| 55° | | | |
| E06M-SDUCR/L-2<br>E08R-SDUCR/L-2C<br>E10R-SDUCR/L-2C<br>A06M-SDUCR/L-2<br>A08M-SDUCR/L-2<br>A20T-SDUCR/L 3<br>A08M-SDXCR/L 2<br>A10R-SDXCR/L 2<br>A06M-SDQCR/L 2<br>A08M-SDQCR/L 2<br>A10R-SDQCR/L 2<br>A06M-SDUCR/L 2-R<br>A08M-SDUCR/L 2-R<br>A10R-SDUCR/L 2R<br>A12S-SDUCR/L 2-ERX<br>A08M-SDXCR/L 2-R<br>A10R-SDXCR/L 2R<br>A06M-SDQCR/L 2-R<br>A08M-SDQCR/L 2-R<br>A10R-SDQCR/L 2-R<br>A10K-SDXCR/L 2-R<br>A10R-SDUCR/L 2<br>A12S-SDUCR/L 2-EX<br>A16T-SDUCR/L 2-DX | A10K-SDUCR/L 07-ER<br>A12M-SDUCR/L 07-ER<br>E10M-SDUCR/L 07-ER<br>E12Q-SDUCR/L 07-ER<br>E16R-SDUCR/L 07-ER<br>F10M-SDUCR/L 07-ER<br>F12Q-SDUCR/L 07-ER<br>A10K-SDUCR/L 07<br>A12M-SDUCR/L 07<br>A16R-SDUCR/L 07<br>A16R-SDUCR/L 07-EX<br>A20S-SDUCR/L 07-EX<br>A25T-SDUCR/L 07-DX<br>A10K-SDQCR/L 07<br>A12M-SDQCR/L 07<br>A12M-SDXCR/L 07<br>A16R-SDUCR/L 07-ERX<br>A20S-SDUCR/L 07-ERX<br>A12M-SDXCR/L 07-R<br>A16R-SDXCR/L 07-R<br>A10K-SDQCR/L 07-R<br>A12M-SDQCR/L 07-R<br>A16R-SDQCR/L 07-R<br>A16R-SDQCR/L 07<br>A16R-SDXCR/L 07 | C3-SDUCR/L-11065-07<br>C4-SDUCR/L-11070-07<br>C5-SDUCR/L-11070-07<br>C3-SDUCR/L-13070-07X<br>C3-SDUCR/L-15080-07X<br>C4-SDUCR/L-13070-07X<br>C4-SDUCR/L-15080-07X<br>C4-SDUCR/L-18090-07X<br>C5-SDUCR/L-15080-07X<br>C5-SDUCR/L-18090-07X | 5513 020-03 (M2.5) |
| E12S-SDUCR/L-3<br>A12S-SDUCR/L-3R<br>A12S-SDXCR/L 3-R<br>A12S-SDQCR/L 3<br>A125-SDUCR/L 3<br>A12S-SDQCR/L 3R | A20S-SDUCR/L 11<br>A20S-SDQCR/L 11-R<br>A20S-SDQCR/L 11<br>A20S-SDXCR/L 11 | – | 5513 020-09 (M3.5) |
| E16T-SDUCR/L-3<br>A16T-SDUCR/L-3<br><br>A12S-SDXCR/L 3<br><br>A16T-SDXCR/L 3 | A25T-SDUCR/L 11<br>A25T-SDQCR/L 11<br>A25T-SDXCR/L 11 | C3-SDUCR/L-13075-11<br>C3-SDUCR/L-17090-11<br>C4-SDUCR/L-13080-11<br>C5-SDUCR/L-13080-11<br><br>C4-SDUCR/L-17090-11<br>C5-SDUCR/L-17090-11 | 5513 020-10 (M3.5) |
| A20T-SDUCR/L-3<br>A20T-SDUCR/L-3X | A32T-SDUCR/L 11-X | C3-SDUCR/L-22064-11<br>C3-SDUCR/L-22096-11<br>C4-SDUCR/L-22110-11<br>C4-SDUCR/L-27080-11<br>C5-SDUCR/L-22110-11<br>C5-SDUCR/L-35100-11 | 5513 020-01 (M3.5) |
| | A16R-SSKCR/L 09<br>A20S-SSKCR/L 09<br>A16R-SSKCR/L 09-R<br>A20S-SSKCR/L 09-R | C3-SSKCR/L-11065-09<br>C3-SSKCR/L-13075-09<br>C4-SSKCR/L-13080-09<br>C5-SSKCR/L-13080-09 | 5513 020-09 (M3.5) |
| | | C3-SSKCR/L-17090-09<br>C4-SSKCR/L-17090-09 | 5513 020-10 (M3.5) |
| | A25T-SSKCR/L 12 | C5-SSKCR/L-17090-12<br>C3-SSKCR/L-22064-12<br>C4-SSKCR/L-22110-12<br>C5-SSKCR/L-22110-12 | 5513 020-17 (M4x0.5) |
| | A32T-SSKCR/L 12 | C4-SSKCR/L-27080-12<br>C5-SSKCR/L-35100-12 | 5513 020-18 (M4x0.5) |

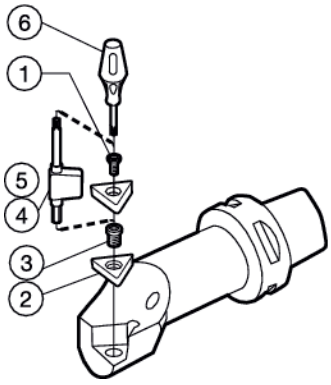
1) Las piezas opcionales deben pedirse por separado.
2) Piezas opcionales suministradas en pedido separado

# Diseño de sujeción por tornillo CoroTurn® 107

| 2 | | | 3 | 4/5 | 6[2] |
|---|---|---|---|---|---|
| Placa de apoyo | Para espesor de plaquita | Radio mm/pulgadas | Tornillo de placa de apoyo (rosca) | Llave (Torx Plus/mm) | Destornillador (Torx Plus) |
| – | – | – | – | 5680 051-02 (7IP) | 5680 046-03 (7IP) |
| – | – | – | – | 5680 049-01 (15IP/3.5) | 5680 046-02 (15IP) |
| – | – | – | – | 5680 049-01 (15IP/3.5) | 5680 046-02 (15IP) |
| 5322 263-01<br>5322 263-02[1] | 3.97/.156<br>3.97/.156 | 0.4-0.8/.016-.031<br>1.2/.047 | 5512 090-01 (M5x0.5/3.5) | 5680 049-01 (15IP/3.5) | 5680 046-02 (15IP) |
| – | – | – | – | 5680 049-01 (15IP/3.5) | 416.1-864 (T15) |
| – | – | – | – | 5680 049-01 (15IP/3.5) | 416.1-864 (T15) |
| – | – | – | – | 5680 049-02 (15IP/4.0) | 416.1-864 (T15) |
| 5322 420-02 | 4.76/.187 | 0.4-1.2/.016-.047 | 5512 090-03 (M6x0.75) | 5680 049-02 (15IP/4.0) | 416.1-864 (T15) |

# Diseño de sujeción por tornillo CoroTurn® 107




Manguito magnético, véase la página A371

Nota: barras de mandrinar CoroTurn® tipo SVQCR/L y SVUCR/L en la página A403.

1) Las piezas opcionales deben pedirse por

2) Piezas opcionales suministradas en pedido

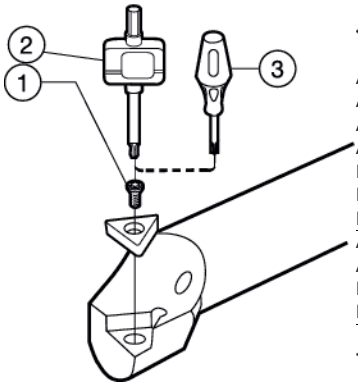
3) B1= para plaquitas con un espesor 2-1/8"

| Portaplaquitas con mango | | | 1 |
|---|---|---|---|
| Pulgadas | Métrica | Coromant Capto® | Tornillo de plaquita (rosca) |
| ▲ | | | |
| A04F-STFCR/L 1.2<br>A05H-STFCR/L 1.2 | A06F-STFCR/L 06-R<br>E06H-STFCR/L 06-R<br>A06F-STFCR/L 06 | – | 5513 020-28 (M2) |
| E04H-STFCR/L-1.2R<br>E05K-STFCR/L-1.2R<br>A04F-STFCR/L-1.2R<br>A05H-STFCR/L-1.2R | A08H-STFCR/L 06-R<br>E08K-STFCR/L 06-R<br>A08H-STFCR/L 06 | – | 5513 020-28 (M2) |
| E06M-STFCR/L-1.8<br>E08R-STFCR/L-1.8<br>A06M-STFCR/L-1.8R<br>A08M-STFCR/L-1.8R<br>A06M-STFCR/L 1.8<br>A08M-STFCR 1.8 | A10K-STFCR/L 09-R<br>A12M-STFCR/L 09-R<br>E10M-STFCR/L 09-R<br>E12Q-STFCR/L 09-R<br>F10M-STFCR/L 09-R<br>F12Q-STFCR/L 09-R<br>A10K-STFCR/L 09<br>A12M-STFCR/L 09 | – | 5513 020-05 (M2.2) |
| A06M-STFCR/L-2-B1[3]<br>A08M-STFCR/L-2-B1[3]<br>A10R-STFCR/L-2-B1[3]<br>A12S-STFCR/L-2-B1[3]<br>A06M-STFCR/L 2-RB1[3]<br>A08M-STFCR/L 2-RB1[3]<br>A10R-STFCR/L 2-RB1[3]<br>A12S-STFCR/L 2-RB1[3]<br>E06M-STFCR/L-2-B1[3]<br>E08R-STFCR/L-2-B1[3]<br>E10R-STFCR/L-2-B1[3]<br>E12S-STFCR/L-2-B1[3] | A12M-STFCR/L 11-B1[3]<br>A16R-STFCR/L 11-B1[3]<br>A20S-STFCR/L 11-B1[3]<br>E16R-STFCR/L 11-R<br>E16R-STFCR/L 11-RB1[3]<br>A16R-STFCR/L 11-RB13)<br>A12M-STFCR/L 11-RB13)<br>A20S-STFCR/L 11-RB13)<br><br><br>A25T-STFCR/L 11 - RB1[3] | C3-STFCR/L-11065-11-B1[3]<br>C3-STFCR/L-13075-11-B1[3]<br>C4-STFCR/L-11070-11-B1[3]<br>C4-STFCR/L-13080-11-B1[3]<br>C5-STFCR/L-11070-11-B1[3]<br>C5-STFCR/L-13080-11-B1[3] | 5513 020-03 (M2.5) |
| E16T-STFCR/L-3<br>A16T-STFCR/L-3 | A25T-STFCR/L 16-M | C3-STFCR/L-17090-16<br>C4-STFCR/L-17090-16<br>C5-STFCR/L-17090-16 | 5513 020-10 (M3.5) |
| A20T-STFCR/L-3<br>A24T-STFCR/L-3 | A32T-STFCR/L 16<br>A40T-STFCR/L 16 | C4-STFCR/L-22110-16<br>C5-STFCR/L-22110-16 | 5513 020-01 (M3.5) |
| 35° | | | |
| A10R-SVUBR/L 2-EB1[3]<br>A12S-SVUBR/L 2-EB1[3]<br>A16T-SVUBR/L 2-DB1[3]<br>A10R-SVQBR/L 2E<br>A10R-SVUBR/L 2-ERB13)<br>A12S-SVUBR/L 2-ERB13) | A16R-SVUBR/L 11-EB1[3]<br>A20S-SVUBR/L 11-EB1[3]<br>A25T-SVUBR/L 11-DB1[3]<br>A16R SVUBR/L 11-ERB13)<br>A20S SVUBR/L 11-ERB13)<br>A16R-SVQBR/L 11-ERB13)<br>A20S-SVQBR/L 11-ERB1[3] | – | 5513 020-20 (M2.5) |
| | A25T-SVUBR/L 16-D | – | 5513 020-10 (M3.5) |
| A20T-SVUBR/L 3<br>A24T-SVUBR/L 3<br>A32U-SVUBR/L 3 | A32T-SVUBR/L 16<br>A40T-SVUBR/L 16 | – | 5513 020-01 (M3.5) |
| | A16R-SVQBR/L 11-EB1[3]<br>A20S-SVQBR/L 11-EB1[3]<br>A25T-SVQBR/L 11-DB1[3] | C3-SVQBR/L-13070-11<br>C3-SVQBR/L-15080-11<br>C4-SVQBR/L-13070-11<br>C4-SVQBR/L-15080-11<br>C5-SVQBR/L-15080-11 | 5513 020-20 (M2.5) |
| A16T-SVQBR/L 3-D<br>A20T-SVQBR/L 3 | A25T-SVQBR/L 16-D | C3-SVQBR/L-18090-16<br>C4-SVQBR/L-18090-16<br>C5-SVQBR/L-18090-16 | 5513 020-10 (M3.5) |
| A24T-SVQBR 3<br>A16T-SVPBR/L 3<br>A20T-SVPBR/L 3<br>A24T-SVPBR/L | A32T-SVQBR/L 16<br>A40T-SVQBR/L 16<br>A25T-SVPR/L 16<br>A32T-SVPR/L 16<br>A40T-SVPR/L 16 | C3-SVQBR/L-22064-16<br>C3-SVQBR/L-22096-16<br>C4-SVQBR/L-22110-16<br>C4-SVQBR/L-27080-16<br>C4-SVQBR/L-27120-16<br>C5-SVQBR/L-22110-16<br>C5-SVQBR/L-27140-16<br>C5-SVQBR/L-35100-16<br>C5-SVQBR/L-35150-16<br>C6-SVQBR/L-22120-16<br>C6-SVQBR/L-27145-16<br>C6-SVQBR/L-35175-16 | 5513 020-01 (M3.5) |

# Diseño de sujeción por tornillo CoroTurn® 107

| 2 | | | 3 | 4/5 | 6[2)] |
|---|---|---|---|---|---|
| Placa de apoyo | Para espesor de plaquita | Radio mm/pulgadas | Tornillo de placa de apoyo (rosca) | Llave (Torx Plus/mm) | Destornillador (Torx Plus) |
| – | – | – | – | 5680 051-01 (6IP) | – |
| – | – | – | – | 5680 051-01 (6IP) | – |
| – | – | – | – | 5680 051-02 (7IP) | 5680 046-03 (7IP) |
| – | – | – | – | 5680 051-02 (7IP) | 5680 046-03 (7IP) |
| – | – | – | – | 5680 049-01 (15IP/3.5) | 5680 046-02 (15IP) |
| 5322 320-01 | 3.97/.156 | 0.4-1.2/.016-.047 | 5512 090-01 (M5x0.5) | 5680 049-01 (15IP/3.5) | 5680 046-02 (15IP) |
| – | – | – | – | 5680 051-02 (7IP) | 5680 046-03 (7IP) |
| – | – | – | – | 5680 049-01 (15IP/3.5) | 5680 046-02 (15IP) |
| 5322 270-01<br>5322 270-02[1)] | 4.76/.187<br>4.76/.187 | 0.4-0.8/.016-.031<br>1.2/.047 | 5512 090-01 (M5x0.5) | 5680 049-01 (15IP/3.5) | 5680 046-02 (15IP) |
| – | – | – | – | 5680 051-02 (7IP) | 5680 046-03 (7IP) |
| – | – | – | – | 5680 049-01 (15IP/3.5) | 5680 046-02 (15IP) |
| 5322 270-01<br>5322 270-02[1)] | 4.76/.187<br>4.76/.187 | 0.4-0.8/.016-.031<br>1.2/.047 | 5512 090-01 (M5x0.5) | 5680 049-01 (15IP/3.5) | 5680 046-02 (15IP) |

# Diseño de sujeción por tornillo CoroTurn® 111




| Barras de mandrinar | | 1 | 2 | 3[1] |
|---|---|---|---|---|
| Pulgadas | Métrica | Tornillo de plaquita (rosca) | Llave (Torx Plus/mm) | Destornillador (Torx Plus) |
| 80° | | | | |
| A05K-SCLPR/L 2<br>A06M-SCLPR/L 2<br>A05K-SCLPR/L 2-R<br>A06M-SCLPR/L 2-R<br>E05K-SCLPR/L 2<br>E06M-SCLPR/L 2<br>E06M-SCLPR/L 2-R | A08K-SCLPR/L 06<br>A10K-SCLPR/L 06<br>A08K-SCLPR/L 06-R<br>A10K-SCLPR/L 06-R<br>E08K-SCLPR/L 06-R<br>E10M-SCLPR/L 06-R | 5513 020-21 (M2.5) | 5680 051-02 (7IP) | 5680 046-03 (7IP) |
| A08M-SCLPR/L 2<br>A08M-SCLPR/L 2-R<br>E08R-SCLPR/L 2<br>E08R-SCLPR/L 2-R | A12M-SCLPR/L 06<br>A12M-SCLPR/L 06-R<br>E12Q-SCLPR/L 06-R | 5513 020-46 (M2.5) | 5680 051-02 (7IP) | 5680 046-03 (7IP) |
| 55° | | | | |
| A06M-SDUPR/L 2-E<br>A08M-SDUPR/L 2-E<br>A06M-SDUPR/L 2-ER<br>A08M-SDUPR/L 2-ER<br>E06M-SDUPR/L 2-E<br>E08R-SDUPR/L 2-E<br>E06M-SDUPR/L 2-ER<br>E08R-SDUPR/L 2-ER<br>F06M-SDUPR/L 2-ER<br>F08Q-SDUPR/L 2-ER | A10K-SDUPR/L 07-E<br>A10K-SDUPR/L 07-ER<br>E10M-SDUPR/L 07-ER<br>F10M-SDUPR/L 07-ER | 5513 020-48 (M2.5) | 5680 051-02 (7IP) | 5680 046-03 (7IP) |
| A10R-SDUPR/L 2<br>A10R-SDUPR/L 2-E<br>A10R-SDUPR/L 2-ER<br>A10R-SDUPR/L 2-ERX<br>E10R-SDUPR/L 2<br>E10R-SDUPR/L 2-R<br>E10R-SDUPR/L 2-ERX<br>E10R-SDUPR/L 2-EX | A12M-SDUPR/L 07-E<br>A12M-SDUPR/L 07-ER<br>A16R-SDUPR/L 07<br>A16R-SDUPR/L 07-R<br>A16R-SDUPR/L 07-ERX<br>A16R-SDUPR/L 07-EX<br>E12Q-SDUPR/L 07-ER<br>E16R-SDUPR/L 07-R<br>E16R-SDUPR/L 07-ERX<br>F12Q-SDUPR/L 07-ER | 5513 020-03 (M2.5) | 5680 051-02 (7IP) | 5680 046-03 (7IP) |
| A12S-SDUPR/L 3<br>A12S-SDUPR/L 3-R<br>A16T-SDUPR/L 3-ER | A20S-SDUPR/L 11<br>A20S-SDUPR/L 11-R<br>A25T-SDUPR/L 11 | 5513 020-09 (M3.5) | 5680 049-01 (15IP) | 5680 046-02 (15IP) |
| A10R-SDXPR/L 2-E<br>A10R-SDXPR/L 2-ER | A16R-SDXPR/L 07-E<br>A16R-SDXPR/L 07-ER | 5513 020-03 (M2.5) | 5680 051-02 (7IP) | 5680 046-03 (7IP) |
| | | | | |
| A04F-STFPR/L 1.2-R<br>A04F-STFPR/L 1.2<br>E04H-STFPR/L 1.2-R | A06H-STFPR/L 06<br>A06F-STFPR/L 06-R<br>E06H-STFPR/L 06-R | 5513 020-44 (M2.0) | 5680 051-01 (6IP) | – |
| A05H-STFPR/L 1.2<br>A05H-STFPR/L 1.2-R<br>E05K-STFPR/L 1.2-R | A08K-STFPR/L 06<br>A08H-STFPR/L 06-R<br>E08K-STFPR/L 06-R | 5513 020-28 (M2.0) | 5680 051-01 (6IP) | – |
| A06M-STFPR/L 1.8<br>A06M-STFPR/L 1.8-R<br>A08M-STFPR/L 1.8<br>A08M-STFPR/L 1.8-R<br>E06M-STFPR/L 1.8<br>E06M-STFPR/L 1.8-R<br>E08Q-STFPR/L 1.8-R<br>E08Q-STFPR/L 1.8<br>F06M-STFPR/L 1.8-R<br>F08Q-STFPR/L 1.8-R | A10K-STFPR/L 09<br>A10K-STFPR/L 09-R<br>A12M-STFPR/L 09<br>A12M-STFPR/L 09-R<br>E10M-STFPR/L 09-R<br>E12Q-STFPR/L 09-R<br>F10M-STFPR/L 09-R<br>F12Q-STFPR/L 09-R | 5513 020-47 (M2.5) | 5680 051-02 (7IP) | 5680 046-03 (7IP) |
| A08M-STFPR/L 2<br>A08M-STFPR/L 2-R<br>E08R-STFPR/L 2<br>E08R-STFPR/L 2-R | A12M-STFPR/L 11<br>A12M-STFPR/L 11-R<br>E12Q-STFPR/L 11-R | 5513 020-48 (M2.5) | 5680 051-02 (7IP) | 5680 046-03 (7IP) |
| A10R-STFPR/L 2<br>A10R-STFPR/L 2-R<br>E10R-STFPR/L 2<br>E10R-STFPR/L 2-R | A16R-STFPR/L 11<br>A16R-STFPR/L 11-R<br>E16R-STFPR/L 11-R | 5513 020-03 (M2.5) | 5680 051-02 (7IP) | 5680 046-03 (7IP) |
| A12S-STFPR/L 3<br>A12S-STFPR/L 3-R<br>A16T-STFPR/L 3 | A20S-STFPR/L 16<br>A20S-STFPR/L 16-R<br>A25S-STFPR/L 16 | 5513 020-09 (M3.5)<br><br>5513 020-10 (M3.5) | 5680 049-01 (15IP)<br><br>5680 049-01 (15IP) | 5680 046-02 (15IP)<br><br>5680 046-02 (15IP) |

[1] Piezas opcionales suministradas en pedido separado

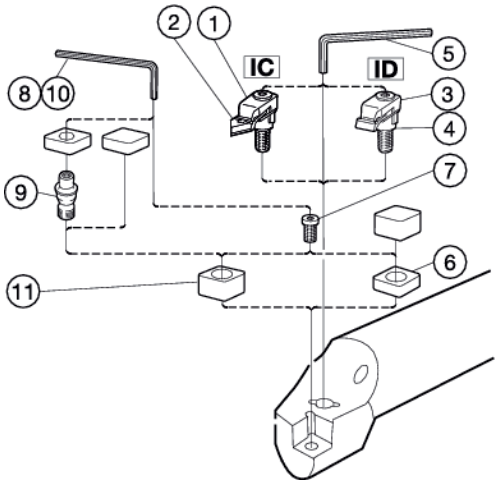
# CoroTurn® 111/107 sujeción por tornillo

| **Barras de mandrinar** | | 1 | 2 | 3[1] |
|---|---|---|---|---|
| Pulgadas | Métrica | Tornillo de plaquita (rosca) | Llave (Torx Plus/mm) | Destornillador (Torx Plus) |
| CoroTurn® 107 | | | | |
| A10R-SVUCR/L 2-E<br>A10R-SVUCR/L 2-ER<br>E10R-SVUCR/L 2-E<br>E10R-SVUCR/L 2-ER | A16R-SVUCR/L 11-E<br>A16R-SVUCR/L 11-ER<br>E16R-SVUCR/L 11-ER | 5513 020-03 (M2.5) | 5680 051-02 (7IP) | 5680 046-03 (7IP) |
| A10R-SVQCR/L 2-E<br>A10R-SVQCR/L 2-ER<br>E10R-SVQCR/L 2-ER | A16R-SVQCR/L 11-E<br>A16R-SVQCR/L 11-ER<br>E16R-SVQCR/L 11-ER | 5513 020-03 (M2.5) | 5680 051-02 (7IP) | 5680 046-03 (7IP) |
| CoroTurn® 111 | | | | |
| A03F-SWLPR/L 1.2-R<br>A03H-SWLPR/L 1.2-R | A05F-SWLPR/L 02-R<br>E05H-SWLPR/L 02-R | 5513 020-53 (M2.0) | 5680 051-01 (6IP) | – |
| A04F-SWLPR/L 1.2<br>A04F-SWLPR/L 1.2-R<br>A05H-SWLPR/L 1.2<br>A05H-SWLPR/L 1.2-R<br>E04H-SWLPR/L 1.2-R<br>E05K-SWLPR/L 1.2-R | A06F-SWLPR/L 02<br>A06F-SWLPR/L 02-R<br>A08H-SWLPR/L 02<br>A08H-SWLPR/L 02-R<br>E06H-SWLPR/L 02-R<br>E08K-SWLPR/L 02-R | 5513 020-44 (M2.0) | 5680 051-01 (6IP) | – |
| A06M-SWLPR/L 2<br>A06M-SWLPR/L 2-R<br>E06M-SWLPR/L 2-R | A10K-SWLPR/L 04<br>A10K-SWLPR/L 04-R<br>E10M-SWLPR/L 04-R | 5513 020-21 (M2.5) | 5680 051-02 (7IP) | 5680 046-03 (7IP) |
| A08M-SWLPR/L 2<br>A08M-SWLPR/L 2-R<br>E08R-SWLPR/L 2<br>E08R-SWLPR/L 2-R | A12M-SWLPR/L 04<br>A12M-SWLPR/L 04-R<br>E12Q-SWLPR/L 04-R | 5513 020-46 (M2.5) | 5680 051-02 (7IP) | 5680 046-03 (7IP) |

1) Piezas opcionales suministradas en pedido separado

Manguito magnético, véase la página A371

# T-Max® sujeción por brida superior para plaquitas de cerámica

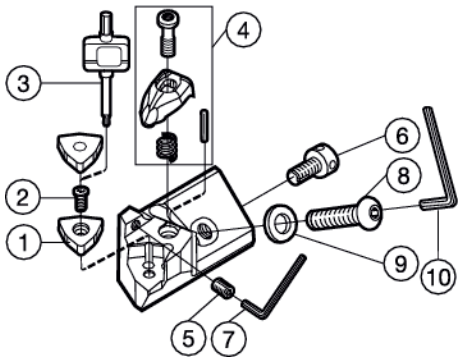



| Herramienta con mango redondo | 1<br>Brida (IC) | 2<br>Rompevirutas (IC)<br>A derecha | Neutro | A izquierda | 3<br>Brida (ID) | 4<br>Placa de presión (ID) | 5<br>Llave (mm) |
|---|---|---|---|---|---|---|---|
| S40T-CCLNR/L 12-IC<br>S50U-CCLNR/L 12-IC | 5412 125-02 | – | 5192 022-04 | – | 5412 125-02[1] | 5192 020-01[1] | 3021 010-040 (4.0) |
| S25T-CRSPR/L 09-ID | – | – | – | – | 5412 126-03 | – | 3021 010-040 (4.0) |
| S40T-CRSNR/L 12-ID | – | – | – | – | 5412 125-01 | 5192 020-01 | 3021 010-040 (4.0) |
| S40T-CSKNR/L 12-IC | 5412 125-02 | 5192 022-05 | – | 5192 022-05 | 5412 125-02[1] | 5192 020-01[1] | 3021 010-040 (4.0) |

| Herramienta con mango redondo | 6<br>Placa de apoyo (para espesor de plaquita) | 7<br>Tornillo de la placa de apoyo | 8<br>Llave (Torx Plus) | 9[1]<br>Pasador central (IP) | 11[1]<br>Placa de apoyo (para espesor de plaquita) | 10[1]<br>Llave (mm) |
|---|---|---|---|---|---|---|
| S40T-CCLNR/L 12-IC<br>S50U-CCLNR/L 12-IC | 5322 233-01 | 5513 013-02 (20IP) | 5680 043-14 (20IP) | 5313 032-02 | 5322 233-02 (.187) | 174.1-863 (2.5) |
| S25T-CRSPR/L 09-ID | – | – | – | – | – | – |
| S40T-CRSNR/L 12-ID | 5322 141-01 | 5513 013-02 | 5680 043-14 (20IP) | 5313 032-02 | 5322 141-02 (.187) | 174.1-863 (2.5) |
| S40T-CSKNR/L 12-IC | 5322 421-01 | 5513 013-02 | 5680 043-14 (20IP) | 5313 032-02 | 5322 421-02 (.187) | 174.1-863 (2.5) |

[1] Piezas opcionales suministradas en pedido separado

# CoroTurn® RC diseño de sujeción rígida




| Cartucho | 1<br>Tornillo de la placa de apoyo | 2<br>Placa de apoyo (para plaquita de grosor mm/pulgadas) | 3<br>Llave (Torx Plus) | 4<br>Juego de sujeción completo |
|---|---|---|---|---|
| | | | | |
| DCLNR/L 25CA-12 | 5513 020-02 | 5322 234-01 (.187)<br>5322 234-02 (.313)[4] | 5680 049-01 (15IP) | 5412 028-021[1]<br>5412 032-021[2]<br>5412 034-021[3] |
| DCLNR/L 25CA-16 | 5513 020-07 | 5322 234-03 (.187)<br>5322 234-04 (.313)[4] | 5680 043-14 (20IP) | 5412 028-031[1]<br>5412 032-031[2]<br>5412 034-031[3] |
| | | | | |
| DSKNR/L 25CA-12 | 5513 020-02 | 5322 425-01 (.187)<br>5322 425-02 (.313)[4] | 5680 049-01 (15IP) | 5412 028-021[1]<br>5412 032-021[2]<br>5412 034-021[3] |
| | | | | |
| DTFNR/L 16CA-16 | 5513 020-04 | 5322 316-01 (.187) | 5680 051-03 (9IP) | 5412 028-011[1] |
| | | | | |
| DWLNR/L 20CA-08 | 5513 020-02 | 5322 331-12 (.187) | 5680 049-01 (15IP) | 5412 028-021[1] |

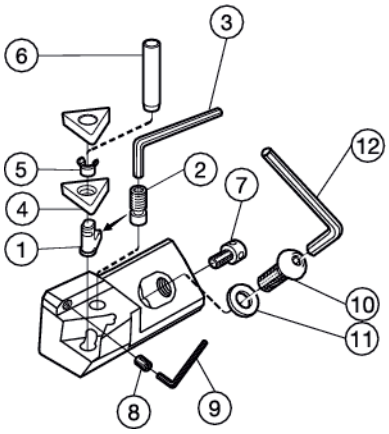
1) Para piezas para juego de sujeción, ver páginas A359.
2) Juegos de sujeción para plaquitas cerámicas con agujero
3) Juegos de sujeción para plaquitas cerámicas sin agujero
4) Piezas opcionales suministradas en pedido separado

## Reglaje y sujeción

| | 5<br>Tornillo de ajuste, axial | 6<br>Tornillo de ajuste, radial | 7<br>Llave (mm) | 8<br>Tornillo de montaje | 9<br>Arandela | 10[1]<br>Llave (mm) |
|---|---|---|---|---|---|---|
| DCLNR/L 25CA-12 | 3214 010-305 | 5519 095-03 | 174.1-863 (2.5) | 434.9-822 | 3411 010-105 | 3021 010-060 (6.0) |
| DCLNR/L 25CA-16 | 3214 010-305 | 5519 095-03 | 174.1-863 (2.5) | 434.9-822 | 3411 010-105 | 3021 010-060 (6.0) |
| DSKNR/L 25CA-12 | 3214 010-305 | 5519 095-03 | 174.1-863 (2.5) | 434.9-822 | 3411 010-105 | 3021 010-060 (6.0) |
| DTFNR/L 16CA-16 | 438.3-820 | 5519 095-02 | 174.1-870 (1.98) | 434.9-830 | 3411 011-084 | 3021 010-050 (5.0) |
| DWLNR/L 20CA-08 | 3214 010-305 | 5519 095-01 | 174.1-863 (2.5) | 434.9-830 | 3411 011-084 | 3021 010-050 (5.0) |

1) Piezas opcionales suministradas en pedido separado

# Diseño de palanca T-Max P



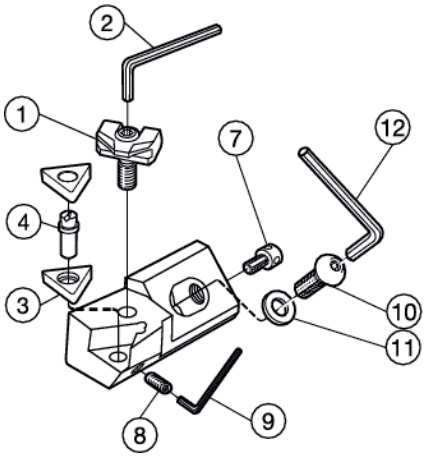

| Cartucho | 1<br>Palanca | 2<br>Tornillo | 3<br>Llave (mm) | 4<br>Placa de apoyo | Para espesor de plaquita (Radio) | 5<br>Pasador de la placa de apoyo | 6<br>Punzón de montaje |
|---|---|---|---|---|---|---|---|
| 80° | | | | | | | |
| PCLNR/L 16CA-12 | 174.3-848M | 174.3-858 | 174.1-864 (3.0 ) | 171.31-850M | 4.76/.187 (0.4-1.6/.016–.063) | 174.3-861 | 174.3-871 |
| PCLNR/L 25CA-19 | 174.3-849M | 174.3-835 | 3021 010-040 (4.0) | 171.31-851M | 6.35/.250 (0.4-2.4/.016–.094) | 174.3-868 | 174.3-872 |
| PCFNR/L 16CA-12 | 174.3-848M | 174.3-858 | 174.1-864 (3.0) | 171.31-850M | 4.76/.187 (0.4-1.6/.016–.063) | 174.3-861 | 174.3-871 |
| PCGNR/L 16CA-12 | 174.3-848M | 174.3-858 | 174.1-864 (3.0) | 171.31-850M | 4.76/.187 (0.4-1.6/.016–.063) | 174.3-861 | 174.3-871 |
| | | | | | | | |
| PSKNR/L 12CA-12 | 438.3-841-1 | 438.3-832M | 174.1-863 (2.5) | – | – | – | – |
| PSKNR/L 16CA-12 | 174.3-848M | 174.3-858 | 174.1-864 (3.0) | 174.3-851M<br>174.3-856[1)] | 4.76/.187 (0.4-1.2/.016–.047)<br>4.76/.187 (1.6-2.4/.063–.094) | 174.3-861 | 174.3-871 |
| PSKNR/L 20CA-15 | 438.3-840 | 438.3-831 | 174.1-864 (3.0) | 174.3-857 | 6.35/.250 (0.4-2.4/.016–.094) | 174.3-864 | 174.3-873 |
| PSSNR/L 12CA-12 | 438.3-841-1 | 438.3-832M | 174.1-863 (2.5) | – | – | — | – |
| PSSNR/L 16CA-12 | 174.3-848M | 174.3-858 | 174.1-864 (3.0) | 174.3-851M<br>174.3-856[1)] | 4.76/.187 (0.4-1.2/.016–.047)<br>4.76/.187 (1.6-2.4/.063–.094) | 174.3-861 | 174.3-871 |
| PSSNR/L 20CA-15 | 438.3-840 | 438.3-831 | 174.1-864 (3.0) | 174.3-857 | 6.35/.250 (1.6-2.4/.063–.094) | 174.3-864 | 174.3-873 |
| PSRNR/L 16CA-12 | 174.3-848M | 174.3-858 | 174.1-864 (3.0) | 174.3-851M<br>174.3-856[1)] | 4.76/.187 (0.4-1.2/.016–.047)<br>4.76/.187 (1.6-2.4/.063–.094) | 174.3-861 | 174.3-871 |
| PSRNR/L 20CA-15 | 438.3-840 | 438.3-831 | 174.1-864 (3.0) | 174.3-857 | 6.35/.250 (0.4-2.4/.016–.094) | 174.3-864 | 174.3-873 |
| | | | | | | | |
| PTFNR/L 12CA-16 | 5432 015-011 | 438.3-830 | 174.1-870 (1.98) | – | – | – | – |
| PTFNR/L 16CA-16 | 174.3-840M | 174.3-820M | 170.3-860 (2.5) | 179.3-850M<br>179.3-858[1)] | 4.76/.187 (0.4-0.8/.016–.031)<br>4.76/.187 (1.2-1.6/.047–.063) | 174.3-860 | 174.3-870 |
| PTFNR/L 20CA-22 | 174.3-841M | 174.3-821 | 174.1-864 (3.0) | 179.3-852M<br>179.3-853M[1)] | 4.76/.187 (1.2-1.6/.047–.063)<br>4.76/.187 (0.4-0.8/.016–.031) | 174.3-861 | 174.3-871 |
| PTWNR/L 12CA-16 | 5432 015-011 | 438.3-830 | 174.1-870 (1.98) | – | – | – | – |
| PTSNR/L 12CA-16 | 5432 015-011 | 438.3-830 | 174.1-870 (1.98) | – | – | – | – |
| PTSNR/L 16CA-16 | 174.3-840M | 174.3-820M | 170.3-860 (2.5) | 179.3-850M<br>179.3-858[1)] | 4.76/.187 (0.4-0.8/.016–.031)<br>4.76/.187 (1.2-1.6/.047–.063) | 174.3-860 | 174.3-870 |
| PTSNR/L 20CA-22 | 174.3-841M | 174.3-821 | 174.1-864 (3.0) | 179.3-852M<br>179.3-853M[1)] | 4.76/.187 (1.2-1.6/.047–.063)<br>4.76/.187 (0.4-0.8/.016–.031) | 174.3-861 | 174.3-871 |
| PTTNR/L 12CA-16 | 5432 015-011 | 438.3-830 | 174.1-870 (1.98) | – | – | – | – |
| PTGNR/L 12CA-16 | 5432 015-011 | 438.3-830 | 174.1-870 (1.98) | – | – | – | – |
| PTGNR/L 16CA-16 | 174.3-840M | 174.3-820M | 170.3-860 (2.5) | 179.3-850M<br>179.3-858[1)] | 4.76/.187 (0.4-0.8/.016–.031)<br>4.76/.187 (1.2-1.6/.047–.063) | 174.3-860 | 174.3-870 |
| PTGNR/L 20CA-22 | 174.3-841M | 174.3-821 | 174.1-864 (3.0) | 179.3-852M<br>179.3-853M[1)] | 4.76/.187 (1.2-1.6/.047–.063)<br>4.76/.187 (0.4-0.8/.016–.031) | 174.3-861 | 174.3-871 |

## Reglaje y sujeción

| | 7<br>Tornillo de ajuste, axial | 8<br>Tornillo de ajuste, radial | 9<br>Llave (mm) | 10<br>Tornillo de montaje | 11<br>Arandela | 12[1)]<br>Llave (mm) |
|---|---|---|---|---|---|---|
| 12CA | 438.3-824 | 438.3-820 | 174.1-870 (1.98) | 434.9-824 | 3411 011-064 | 3021 010-040 (4.0) |
| 16CA | 438.3-828 | 438.3.821 | 174.1-863 (2.5) | 434.9-830 | 3411-011-084 | 3021 010-050 (5.0) |
| 20CA | 438.3-839 | 438.3-821 | 174.1-863 (2.5) | 434.9-830 | 3411 011-084 | 3021 010-050 (5.0) |
| 25CA | 438.3-825 | 438.3-822 | 174.1-864 (3.0) | 434.9-822 | 3411 010-105 | 3021 010-060 (6.0) |

[1)] Piezas opcionales suministradas en pedido separado

# Diseño de sujeción con cuña T-Max P




| | 1 | 2 | 3 | | 4 |
|---|---|---|---|---|---|
| Cartucho | Juego de brida-cuña | Llave (mm) | Placa de apoyo | Para espesor de plaquita (Radio) | Pasador |
| | | | | | |
| MWLNR/L 16CA-06 | 5431 125-011 | 170.3-860 (2.5) | 5322 331-06 | - | 5313 022-01 |
| MWLNR/L 25CA-08 | 5431 125-021 | 174.1-864 (3.0) | 5322 331-09<br>5322 331-10[1)] | 4.76/.187 (0.4-0.8/.016–.031)<br>4.76/.187 (1.2-1.6/.047–.063) | 5313 022-03 |

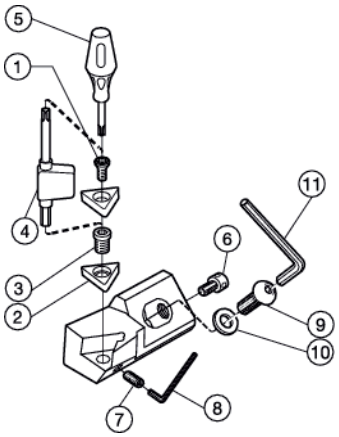
Ejemplo de pedido: 10 piezas 5431 125-011

## Reglaje y sujeción

| | 7 | 8 | 9 | 10 | 11 | 12[1)] |
|---|---|---|---|---|---|---|
| | Tornillo de ajuste, axial | Tornillo de ajuste, radial | Llave (mm) | Tornillo de montaje | Arandela | Llave (mm) |
| MWLNR/L 16CA-06 | 438.3-828 | 434.9-836 | 174.1-870 (1.98) | 434.9-830 | 3411-011-084 | 3021 010-050 (5.0) |
| MWLNR/L 25CA-08 | 438.3-825 | 434.9-838 | 174.1-864 (3.0) | 434.9-822 | 3411 010-105 | 3021 010-060 (6.0) |

1) Piezas opcionales suministradas en pedido separado

# Diseño de sujeción por tornillo CoroTurn® 107




| Cartucho | 1<br>Tornillo de plaquita (Rosca) | 2<br>Placa de apoyo (para plaquita de grosor mm/pulgadas) | Radio mm/pulgadas | 3<br>Tornillo de la placa de apoyo | 4<br>Llave (Torx Plus) | 5[1]<br>Destornillador (Torx Plus) |
|---|---|---|---|---|---|---|
| 80° | | | | | | |
| SCFCR/L 08CA-06 | 5513 020-03 | – | – | – | 5680 051-02 (7IP) | 5680 043-09 (IP) |
| SCFCR/L 10CA-09 | 5513 020-09 | – | – | – | 5680 049-01 (15IP) | 3021 010-040 (4.0) |
| SCFCR/L 12CA-09 | 5513 020-09 | – | – | – | 5680 049-01 (15IP) | |
| ● | | | | | | |
| SRSCR/L 06CA-06 | 5513 020-03 (M2.5) | – | – | – | 5680 051-02 (7IP) | 5680 046-03 (7IP) |
| SRSCR/L 08CA-08 | 5513 020-04 (M3.0) | – | – | – | 5680 051-03 (9IP) | 5680 046-04 (9IP) |
| SRSCR/L 10CA-10 | 5513 020-09 (M3.5) | 5322 110-01 (3.97/.156) | – | 5512 090-01 | 5680 049-01 (15IP) | 5680 046-02 (15IP) |
| ■ | | | | | | |
| SSKCR/L 10CA-09-M | 5513 020-09 (M3.5) | – | – | – | 5680 049-01 (15IP) | 5680 046-02 (15IP) |
| SSKCR/L 12CA-12 | 5513 020-17 (M4x0.5) | – | – | – | 5680 049-02 (15IP) | 5680 046-02 (15IP) |
| SSKCR/L 16CA-12 | 5513 020-18 (M4x0.5) | 5322 420-02 (4.76/.187) | 0.4-1.2/.016 – .047 | 5512 090-03 | 5680 049-02 (15IP) | 5680 046-02 (15IP) |
| SSSCR/L 10CA-09-M | 5513 020-09 (M3.5) | – | – | – | 5680 049-01 (15IP) | 5680 046-02 (15IP) |
| SSSCR/L 12CA-12 | 5513 020-17 (M4x0.5) | – | – | – | 5680 049-02 (15IP) | 5680 046-02 (15IP) |
| ▲ | | | | | | |
| STFCR/L 06CA-06 | 5513 020-27 (M2) | – | – | – | 5680 051-01 (6IP) | – |
| STFCR/L 08CA-09 | 5513 020-05 (M2.2) | – | – | – | 5680 051-02 (7IP) | 5680 046-03 (7IP) |
| STFCR/L 10CA-11-B1 | 5513 020-03 (M2.5) | – | – | – | 5680 051-02 (7IP) | 5680 046-03 (7IP) |
| STFCR/L 12CA-16-M | 5513 020-10 (M3.5) | – | – | – | 5680 049-01 (15IP) | 5680 046-02 (15IP) |
| STFCR/L 16CA-16 | 5513 020-01 (M3.5) | 5322 320-01 (3.97/.156) | 0.4-1.2/.016 – .047 | 5512 090-01 | 5680 049-01 (15IP) | 5680 046-02 (15IP) |
| STGCR/L 06CA-06 | 5513 020-27 (M2) | – | – | – | 5680 051-01 (6IP) | – |
| STGCR/L 08CA-09 | 5513 020-05 (M2.2) | – | – | – | 5680 051-02 (7IP) | 5680 046-03 (7IP) |
| STGCR/L 10CA-11 | 5513 020-03 (M2.5) | – | – | – | 5680 051-02 (7IP) | 5680 046-03 (7IP) |
| STGCR/L 12CA-16-M | 5513 020-10 (M3.5) | – | | – | 5680 049-01 (15IP) | 5680 046-02 (15IP) |
| STGCR/L 16CA-16 | 5513 020-01 (M3.5) | 5322 320-01 (3.97/.156) | 0.4-1.2/.016 – .047 | 5512 090-01 | 5680 049-01 (15IP) | 5680 046-02 (15IP) |
| STWCR/L 06CA-06 | 5513 020-27 (M2) | – | – | – | 5680 051-01 (6IP) | – |
| STWCR/L 08CA-09 | 5513 020-05 (M2.2) | – | – | – | 5680 051-02 (7IP) | 5680 046-03 (7IP) |
| STWCR/L 10CA-11-B1 | 5513 020-03 (M2.5) | – | – | – | 5680 051-02 (7IP) | 5680 046-03 (7IP) |
| STWCR/L 12CA-16-M | 5513 020-10 (M3.5) | – | – | – | 5680 049-01 (15IP) | 5680 046-02 (15IP) |
| STSCR/L 06CA-06 | 5513 020-27 (M2) | – | – | – | 5680 051-01 (6IP) | – |
| STSCR/L 08CA-09 | 5513 020-05 (M2.2) | – | – | – | 5680 051-02 (7IP) | 5680 046-03 (7IP) |
| STSCR/L 10CA-11-B1 | 5513 020-03 (M2.5) | – | – | – | 5680 051-02 (7IP) | 5680 046-03 (7IP) |
| STSCR/L 12CA-16-M | 5513 020-10 (M3.5) | – | – | – | 5680 049-01 (15IP) | 5680 046-02 (15IP) |
| STSCR/L 16CA-16 | 5513 020-01 (M3.5) | 5322 320-01 (3.97/.156) | 0.4-1.2/.016 – .047 | 5512 090-01 | 5680 049-01 (15IP) | 5680 046-02 (15IP) |
| STTCR/L 06CA-06 | 5513 020-27 (M2) | – | – | – | 5680 051-01 (6IP) | – |
| STTCR/L 08CA-09 | 5513 020-05 (M2.2) | – | – | – | 5680 051-02 (7IP) | 5680 046-03 (7IP) |
| STTCR/L 10CA-11-B1 | 5513 020-03 (M2.5) | – | – | – | 5680 051-02 (7IP) | 5680 046-03 (7IP) |
| STTCR/L 12CA-16-M | 5513 020-10 (M3.5) | – | – | – | 5680 049-01 (15IP) | 5680 046-02 (15IP) |
| STTCR/L 16CA-16 | 5513 020-01 (M3.5) | 5322 320-01 (3.97/.156) | 0.4-1.2/.016 – .047 | 5512 090-01 | 5680 049-01 (15IP) | 5680 046-02 (15IP) |

1) Piezas opcionales suministradas en pedido separado

Manguito magnético, véase la página A370

# Diseño de sujeción por tornillo CoroTurn® 107

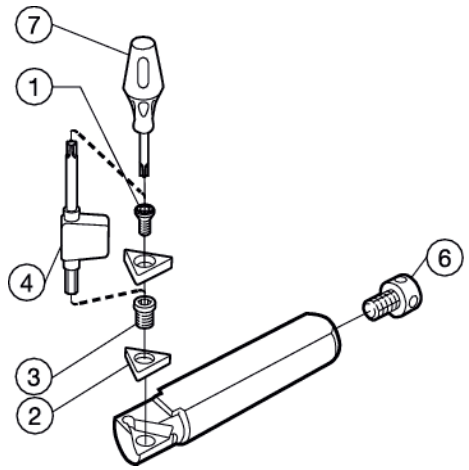
## Reglaje y sujeción

### Cartuchos CoroTurn 107, ISO

| CoroTurn® 107 | 6<br>Tornillo de ajuste, axial | 7<br>Tornillo de ajuste, radial | 8<br>Llave (mm) | 9<br>Tornillo de montaje | 10<br>Arandela | 11<br>Llave (Torx Plus) | 11[1]<br>Llave (mm) |
|---|---|---|---|---|---|---|---|
| 06 CA | 5512 050-01 | 3214 010-203 | 3021 010-015 (1.5) | 5512 031-04 | – | 5680 043-08 (T8) | – |
| 08 CA | 5512 050-02 | 3214 010-203 | 3021 010-015 (1.5) | 5512 031-03 | – | 5680 043-09 (T15) | – |
| 10 CA | 438.3-824 | 434.9-835 | 174.1-870 (1.98) | 434.9-826 | 170.38-834 | – | 3021 010-040 (4.0) |
| 12 CA | 438.3-824 | 434.9-836 | 174.1-870 (1.98) | 434.9-824 | 3411 011-064 | – | 3021 010-040 (4.0) |
| 16 CA | 438.3-828 | 434.9-836 | 174.1-870 (1.98) | 434.9-830 | 3411 011-084 | – | 3021 010-050 (5.0) |

1) Piezas opcionales suministradas en pedido separado

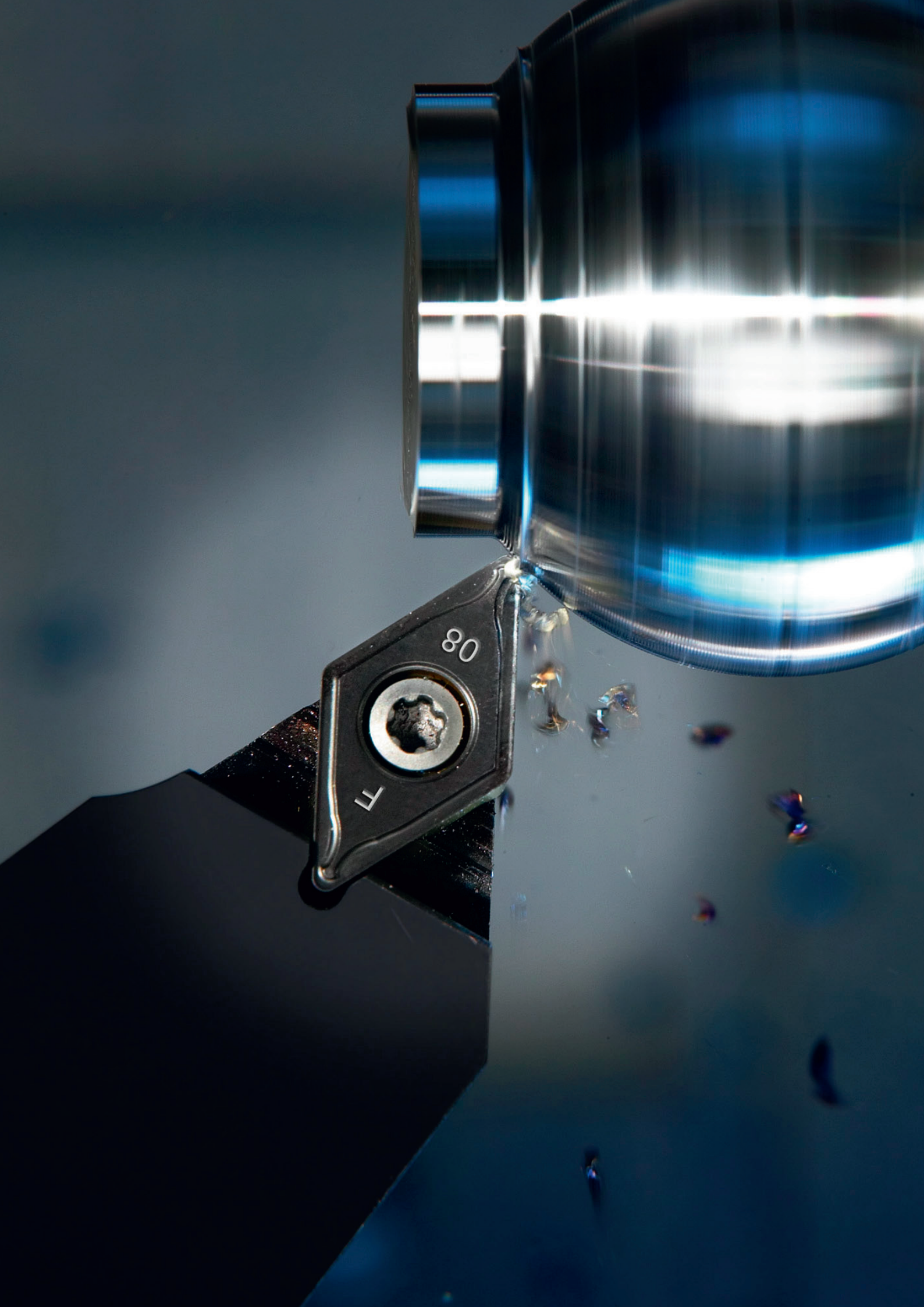
# CoroTurn® 107 herramientas para mandrinar con mango redondo




| Herramienta con mango redondo | 1<br>Tornillo de plaquita (Rosca) | 2<br>Placa de apoyo | Para espesor de plaquita | Radio mm/pulgadas | 3<br>Tornillo de la placa de apoyo | 4<br>Llave (Torx Plus) | 6<br>Tornillo de ajuste de la longitud | 7[1]<br>Destornillador (Tor Plus) |
|---|---|---|---|---|---|---|---|---|
| ▲ | | | | | | | | |
| R/L 140.0-8-06 | 5513 020-27 (M2) | – | – | – | – | 5680 051-01 (6IP) | – | – |
| R/L 140.0-10-09 | 5513 020-05 (M2.2) | – | – | – | – | 5680 051-02 (7IP) | – | 5680 046-03 (7IP) |
| R/L 140.0-12-11 | 5513 020-03 (M2.5) | – | – | – | – | 5680 051-02 (7IP) | 438.3-824 | 5680 046-03 (7IP) |
| R/L 140.0-16-11 | 5513 020-03 (M2.5) | – | – | – | – | 5680 051-02 (7IP) | 438.3-824 | 5680 046-03 (7IP) |
| R/L 140.0-20-16 | 5513 020-01 (M3.5) | 5322 320-01 | 3.97/.156 | 0.4-1.2/.016 – .047 | 5512 090-01 | 5680 049-01 (15IP) | 434.9-825 | 5680 046-02 (15IP) |
| R/L 141.0-8-06 | 5513 020-27 (M2) | – | – | – | – | 5680 051-01 (6IP) | – | – |
| R/L 141.0-10-09 | 5513 020-05 (M2.2) | – | – | – | – | 5680 051-02 (7IP) | – | 5680 046-03 (7IP) |
| R/L 141.0-12-11 | 5513 020-03 (M2.5) | – | – | – | – | 5680 051-02 (7IP) | 438.3-824 | 5680 046-03 (7IP) |
| R/L 141.0-16-11 | 5513 020-03 (M2.5) | – | – | – | – | 5680 051-02 (7IP) | 438.3-824 | 5680 046-03 (7IP) |
| R/L 141.0-20-16 | 5513 020-01 (M3.5) | 5322 320-01 | 3.97/.156 | 0.4-1.2/.016 – .047 | 5512 090-01 | 5680 049-01 (15IP) | 434.9-825 | 5680 046-02 (15IP) |
| R/L 142.0-8-06 | 5513 020-27 (M2) | – | – | – | – | 5680 051-01 (6IP) | – | – |
| R/L 142.0-10-09 | 5513 020-05 (M2.2) | – | – | – | – | 5680 051-02 (7IP) | – | 5680 046-03 (7IP) |
| R/L 142.0-12-11 | 5513 020-03 (M2.5) | – | – | – | – | 5680 051-02 (7IP) | 438.3-824 | 5680 046-03 (7IP) |
| R/L 142.0-16-11 | 5513 020-03 (M2.5) | – | – | – | – | 5680 051-02 (7IP) | 438.3-824 | 5680 046-03 (7IP) |
| R/L 142.0-20-16 | 5513 020-01 (M3.5) | 5322 320-01 | 3.97/.156 | 0.4-1.2/.016 – .047 | 5512 090-01 | 5680 049-01 (15IP) | 434.9-825 | 5680 046-02 (15IP) |

1) Piezas opcionales suministradas en pedido separado

Manguito magnético, véase la página A370


80
F

# Recomendaciones de datos de corte para CoroTurn® XS

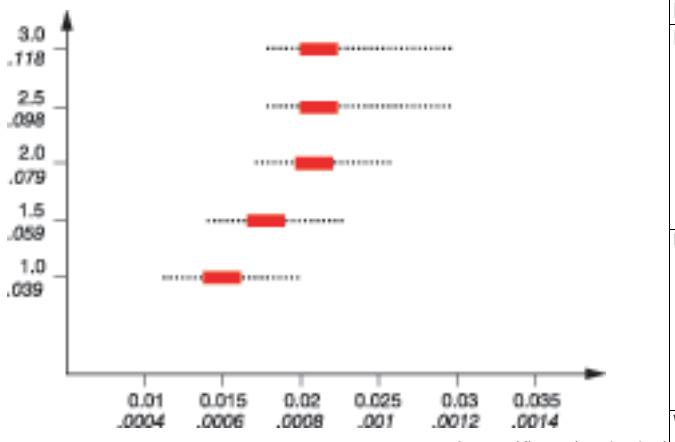
## Plaquitas para tornear

| Tamaño de plaquita | Dimensiones, mm, pulgadas | | | | Área de aplicación Torneado general/Mandrinado a tracción Profundidad recomendada | | | | Avance recomendado | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $dm_m$ | $b_{21}$ mm | $b_{21}$ pulgadas | $r_\varepsilon$ mm | $r_\varepsilon$ pulgadas | $a_p$ mm | Mín. – Máx. | $a_p$ pulgadas | Mín. – Máx. | $f_n$ mm/r | Mín. – Máx. | $f_n$ pulgadas/r | Mín. – Máx. |
| 04 | 0.18 | .007 | – | – | 0.05 | (0.01 – 0.08) | .0020 | (.0004 – .0031) | 0.007 | (0.050 – 0.015) | .00028 | (.00020 – .00059) |
| 04 | 0.28 | .011 | – | – | 0.06 | (0.01 – 0.10) | .0024 | (.0004 – .0041) | 0.010 | (0.050 – 0.014) | .00039 | (.00020 – .00059) |
| 04 | 0.38 | .015 | – | – | 0.08 | (0.01 – 0.15) | .0031 | (.0004 – .0059) | 0.012 | (0.008 – 0.017) | .00047 | (.00032 – .00067) |
| 04 | 0.46 | .018 | – | – | 0.09 | ( 0.01 – 0.20) | .0035 | (.0004 – .0071) | 0.015 | (0.010 – 0.020) | .00059 | (.00039 – .00079) |
| 04 | 0.56 | .022 | – | – | 0.12 | (0.01 – 0.22) | .0047 | (.0004 – .0087) | 0.018 | (0.010 – 0.025) | .00071 | (.00039 – .00098) |
| 04 | 0.63 | .025 | – | – | 0.15 | (0.01 – 0.25) | .0059 | (.0004 – .0098) | 0.020 | (0.012 – 0.025) | .00079 | (.00047 – .00098) |
| 04 | 0.66 | .026 | 0.05 | .002 | 0.15 | (0.05 – 0.30) | .0059 | (.0020 – .0118) | 0.020 | (0.012 – 0.030) | .00079 | (.00047 – .00118) |
| 04 | 0.66 | .026 | 0.10 | .004 | 0.15 | (0.09 – 0.30) | .0059 | (.0039 – .0118) | 0.020 | (0.015 – 0.080) | .00079 | (.00059 – .00315) |
| 04 | 0.74 | .029 | – | – | 0.15 | (0.01 – 0.25) | .0059 | (.0004 – .0098) | 0.020 | (0.012 – 0.025) | .00079 | (.00047 – .00098) |
| 04 | 1.04 | .041 | 0.05 | .002 | 0.18 | (0.05 – 0.30) | .0071 | (.0020 – .0118) | 0.020 | (0.012 – 0.030) | .00079 | (.00047 – .00118) |
| 04 | 1.04 | .041 | 0.10 | .004 | 0.18 | (0.01 – 0.30) | .0071 | (.0004 – .0118) | 0.020 | (0.015 – 0.080) | .00079 | (.00059 – .00315) |
| 04 | 1.55 | .061 | 0.05 | .002 | 0.20 | (0.05 – 0.40) | .0079 | (.0020 – .0158) | 0.020 | (0.012 – 0.030) | .00079 | (.00047 – .00118) |
| 04 | 1.55 | .061 | 0.10 | .004 | 0.20 | (0.09 – 0.40) | .0079 | (.0039 – .0158) | 0.020 | (0.015 – 0.080) | .00079 | (.00059 – .00315) |
| 04 | 2.06 | .081 | 0.05 | .002 | 0.25 | (0.05 – 0.51) | .0098 | (.0020 – .0200) | 0.020 | (0.012 – 0.030) | .00079 | (.00047 – .00118) |
| 04 | 2.06 | .081 | 0.15 | .006 | 0.25 | (0.15 – 0.51) | .0098 | (.0059 – .0200) | 0.025 | (0.015 – 0.050) | .00098 | (.00059 – .00197) |
| 04 | 2.54 | .100 | 0.05 | .002 | 0.30 | (0.05 – 0.51) | .0118 | (.0020 – .0200) | 0.020 | (0.015 – 0.030) | .00079 | (.00059 – .00118) |
| 04 | 2.06/2.59 | .100/.102 | 0.15 | .006 | 0.30 | (0.15 – 0.51) | .0118 | (.0059 – .0200) | 0.025 | (0.015 – 0.050) | .00098 | (.00059 – .00197) |
| 04 | 2.95 | .116 | 0.15 | .006 | 0.30 | (0.15 – 0.51) | .0118 | (.0059 – .0200) | 0.025 | (0.015 – 0.050) | .00098 | (.00059 – .00197) |
| 04 | 3.45 | .136 | 0.05 | .002 | 0.30 | (0.05 – 0.51) | .0118 | (.0020 – .0200) | 0.020 | (0.015 – 0.030) | .00079 | (.00059 – .00118) |
| 04 | 3.45 | .136 | 0.15 | .006 | 0.30 | (0.15 – 0.51) | .0118 | (.0059 – .0200) | 0.025 | (0.015 – 0.050) | .00098 | (.00059 – .00197) |
| 05 | 3.76 | .148 | 0.15 | .006 | 0.35 | (0.15 – 0.60) | .0138 | (.0059 – .0236) | 0.040 | (0.020 – 0.060) | .00157 | (.00079 – .00236) |
| 05 | 3.75/3.81 | .148/.150 | 0.20 | .008 | 0.35 | (0.20 – 0.60) | .0138 | (.0079 – .0236) | 0.040 | (0.020 – 0.060) | .00157 | (.00079 – .00236) |
| 05 | 4.19 | .165 | 0.20 | .008 | 0.35 | (0.20 – 0.60) | .0138 | (.0079 – .0236) | 0.040 | (0.020 – 0.070) | .00157 | (.00079 – .00276) |
| 05 | 4.24 | .167 | 0.05 | .002 | 0.25 | (0.05 – 0.60) | .0098 | (.0020 – .0236) | 0.030 | (0.020 – 0.040) | .00118 | (.00079 – .00157) |
| 05 | 4.24 | .167 | 0.20 | .008 | 0.35 | (0.20 – 0.60) | .0138 | (.0079 – .0236) | 0.040 | (0.020 – 0.070) | .00157 | (.00079 – .00276) |
| 06 | 3.96/3.99 | .156/.157 | 0.15 | .006 | 0.35 | (0.15 – 0.60) | .0138 | (.0059 – .0236) | 0.045 | (0.020 – 0.070) | .00177 | (.00079 – .00276) |
| 06 | 3.96 | .156 | 0.20 | .008 | 0.35 | (0.20 – 0.60) | .0138 | (.0079 – .0236) | 0.045 | (0.020 – 0.070) | .00177 | (.00079 – .00276) |
| 06 | 5.26 | .207 | 0.20 | .008 | 0.40 | (0.20 – 0.70) | .0157 | (.0079 – .0276) | 0.045 | (0.020 – 0.080) | .00177 | (.00079 – .00315) |
| 07 | 4.29 | .169 | 0.20 | .008 | 0.35 | (0.20 – 0.60) | .0138 | (.0079 – .0236) | 0.040 | (0.020 – 0.070) | .00157 | (.00079 – .00276) |
| 07 | 6.25 | .246 | 0.20 | .008 | 0.50 | (0.20 – 0.80) | .0197 | (.0079 – .0315) | 0.050 | (0.030 – 0.080 | .00197 | (.00118 – .00315) |

Cuando se utiliza la calidad CB7015 de CBN debe reducirse el avance y la profundidad de corte un 50%, respecto a las calidades de metal duro.

## Ranurado y ranurado frontal

Anchura de plaquita ($l_a$), mm, pulgadas




■ = Valor de partida recomendado.

### Recomendaciones de velocidad de corte

Velocidad de corte ($v_c$), m/min (p/min)

| | P | M | N | S |
|---|---|---|---|---|
| Calidad 1025 | 60-200 (185-655) | 60-180 (195-590) | 90-400 (295-1310) | 20-50 (65-165) |
| Calidad CB7015 | H 60-200 (200-600) | | | |

## Roscado, (profundidades de pasada recomendadas)

| Rosca | Paso mm | Paso H.P.P. | $a_p$ mm | $a_p$ pulgadas | *nap* |
|---|---|---|---|---|---|
| Métrica 60° (MM) | 0.50 | | 0.26 | .0106 | 7 |
| | 0.70 | | 0.38 | .0150 | 8 |
| | 0.75 | | 0.40 | .0161 | 8 |
| | 0.80 | | 0.43 | .0169 | 8 |
| | 1.00 | | 0.55 | .0217 | 11 |
| | 1.25 | | 0.68 | .0268 | 11 |
| | 1.50 | | 0.81 | .0319 | 13 |
| | 1.75 | | 0.95 | .0374 | 14 |
| | 2.00 | | 1.08 | .0425 | 18 |
| UN 60° | | 48 | 0.29 | .0114 | 7 |
| | | 36 | 0.38 | .0150 | 8 |
| | | 32 | 0.43 | .0169 | 8 |
| | | 28 | 0.49 | .0193 | 9 |
| | | 24 | 0.56 | .0224 | 11 |
| | | 20 | 0.69 | .0272 | 11 |
| | | 18 | 0.76 | .0299 | 12 |
| | | 16 | 0.86 | .0339 | 13 |
| Whitworth 55° (WH) | | 28 | 0.60 | .0236 | 10 |
| | | 26 | 0.65 | .0256 | 11 |
| | | 24 | 0.68 | .0268 | 11 |
| | | 22 | 0.74 | .0291 | 12 |
| | | 20 | 0.82 | .0323 | 14 |
| | | 19 | 0.87 | .0343 | 14 |
| NPT 60° (NT) | | 27 | 0.71 | .0280 | 12 |
| | | 18 | 1.06 | .0417 | 18 |
| ISO Trapezoidal 30° | 1.50 | | 0.86 | .0340 | 6 |
| | 2.00 | | 1.17 | .0460 | 8 |
| | 3.00 | | 1.70 | .0670 | 12 |

$a_p$ = profundidad total de la rosca
*nap* = número de pasadas

# Recomendaciones de profundidad y avances, valores métricos

## Plaquitas negativas T-MAX P

| Plaquita | Profundidad recomendada $a_p$ = mm | | | Avance recomendado $f_n$ = mm/r | | |
|---|---|---|---|---|---|---|
| | | Min | Máx. | | Min | Máx. |
| CNMG090304-WF | 0.50 | 0.30 | 1.50 | 0.15 | 0.05 | 0.25 |
| CNMG090308-WF | 1.00 | 0.30 | 2.00 | 0.30 | 0.10 | 0.50 |
| CNMG120404-WF | 0.40 | 0.25 | 3.00 | 0.15 | 0.05 | 0.25 |
| CNMG120408-WF | 1.00 | 0.25 | 4.00 | 0.30 | 0.10 | 0.50 |
| CNMG120412-WF | 1.50 | 0.40 | 4.00 | 0.50 | 0.20 | 0.60 |
| DNMX110404-WF | 1.00 | 0.20 | 1.50 | 0.20 | 0.08 | 0.30 |
| DNMX110408-WF | 1.00 | 0.20 | 3.00 | 0.30 | 0.10 | 0.40 |
| DNMX150404-WF | 0.80 | 0.20 | 3.00 | 0.20 | 0.08 | 0.30 |
| DNMX150408-WF | 1.50 | 0.20 | 3.00 | 0.30 | 0.10 | 0.40 |
| DNMX150412-WF | 1.50 | 0.40 | 3.50 | 0.40 | 0.15 | 0.55 |
| DNMX150604-WF | 0.80 | 0.20 | 3.00 | 0.20 | 0.08 | 0.30 |
| DNMX150608-WF | 1.50 | 0.20 | 3.00 | 0.30 | 0.10 | 0.40 |
| DNMX150612-WF | 1.50 | 0.40 | 3.50 | 0.40 | 0.15 | 0.55 |
| TNMX160404-WF | 1.00 | 0.20 | 3.00 | 0.20 | 0.08 | 0.30 |
| TNMX160408-WF | 1.50 | 0.20 | 3.00 | 0.30 | 0.10 | 0.40 |
| WNMG060404-WF | 0.40 | 0.25 | 2.00 | 0.15 | 0.05 | 0.25 |
| WNMG060408-WF | 1.00 | 0.25 | 3.00 | 0.30 | 0.10 | 0.50 |
| WNMG080404-WF | 0.40 | 0.25 | 3.00 | 0.15 | 0.05 | 0.25 |
| WNMG080408-WF | 1.00 | 0.25 | 4.00 | 0.30 | 0.10 | 0.50 |
| WNMG080412-WF | 1.50 | 0.40 | 4.00 | 0.50 | 0.20 | 0.60 |
| CNMG090304-PF | 0.40 | 0.25 | 1.50 | 0.15 | 0.07 | 0.30 |
| CNMG090308-PF | 0.40 | 0.30 | 1.50 | 0.15 | 0.10 | 0.30 |
| CNMG120404-PF | 0.40 | 0.25 | 1.50 | 0.15 | 0.07 | 0.30 |
| CNMG120408-PF | 0.40 | 0.30 | 1.50 | 0.20 | 0.10 | 0.40 |
| CNMG120412-PF | 0.80 | 0.35 | 1.50 | 0.25 | 0.15 | 0.50 |
| DNMG110404-PF | 0.40 | 0.25 | 1.50 | 0.15 | 0.07 | 0.30 |
| DNMG110408-PF | 0.40 | 0.30 | 1.50 | 0.20 | 0.10 | 0.40 |
| DNMG110412-PF | 0.80 | 0.35 | 1.50 | 0.25 | 0.15 | 0.50 |
| DNMG150404-PF | 0.40 | 0.25 | 1.50 | 0.15 | 0.07 | 0.30 |
| DNMG150408-PF | 0.40 | 0.30 | 1.50 | 0.20 | 0.10 | 0.40 |
| DNMG150412-PF | 0.80 | 0.35 | 1.50 | 0.25 | 0.15 | 0.50 |
| DNMG150604-PF | 0.40 | 0.25 | 1.50 | 0.15 | 0.07 | 0.30 |
| DNMG150608-PF | 0.40 | 0.30 | 1.50 | 0.20 | 0.10 | 0.40 |
| DNMG150612-PF | 0.80 | 0.35 | 1.50 | 0.25 | 0.15 | 0.50 |
| SNMG120408-PF | 0.40 | 0.30 | 1.50 | 0.20 | 0.10 | 0.40 |
| SNMG120412-PF | 0.80 | 0.35 | 1.50 | 0.25 | 0.15 | 0.50 |
| TNMG160404-PF | 0.40 | 0.25 | 1.50 | 0.15 | 0.07 | 0.3 |
| TNMG160408-PF | 0.40 | 0.30 | 1.50 | 0.20 | 0.10 | 0.40 |
| TNMG160412-PF | 0.80 | 0.35 | 1.50 | 0.25 | 0.15 | 0.50 |
| TNMG220408-PF | 0.40 | 0.30 | 1.50 | 0.20 | 0.10 | 0.40 |
| TNMG220412-PF | 0.80 | 0.35 | 1.50 | 0.25 | 0.15 | 0.50 |
| VNMG160404-PF | 0.40 | 0.25 | 1.50 | 0.15 | 0.07 | 0.30 |
| VNMG160408-PF | 0.40 | 0.30 | 1.50 | 0.20 | 0.10 | 0.40 |
| WNMG060404-PF | 0.40 | 0.25 | 1.50 | 0.15 | 0.07 | 0.30 |
| WNMG060408-PF | 0.40 | 0.30 | 1.50 | 0.20 | 0.10 | 0.40 |
| WNMG060412-PF | 0.80 | 0.40 | 1.50 | 0.25 | 0.15 | 0.50 |
| WNMG080404-PF | 0.40 | 0.25 | 1.50 | 0.15 | 0.07 | 0.30 |
| WNMG080408-PF | 0.40 | 0.30 | 1.50 | 0.20 | 0.10 | 0.40 |
| WNMG080412-PF | 0.80 | 0.40 | 1.50 | 0.25 | 0.15 | 0.50 |
| CNMG120404-MF | 0.40 | 0.10 | 1.50 | 0.15 | 0.05 | 0.30 |
| CNMG120408-MF | 0.40 | 0.10 | 1.50 | 0.20 | 0.10 | 0.40 |
| CNMG120412-MF | 0.80 | 0.20 | 2.50 | 0.25 | 0.15 | 0.50 |
| DNMG 11 04 04-MF | 0.40 | 0.10 | 1.50 | 0.15 | 0.05 | 0.30 |
| DNMG110408-MF | 0.40 | 0.10 | 1.50 | 0.20 | 0.10 | 0.40 |
| DNMG150404-MF | 0.40 | 0.10 | 1.50 | 0.15 | 0.05 | 0.30 |
| DNMG150408-MF | 0.40 | 0.10 | 1.50 | 0.20 | 0.10 | 0.40 |
| DNMG150412-MF | 0.80 | 0.20 | 2.50 | 0.25 | 0.15 | 0.50 |
| DNMG150604-MF | 0.40 | 0.10 | 1.50 | 0.15 | 0.05 | 0.30 |
| DNMG150608-MF | 0.40 | 0.10 | 1.50 | 0.2 | 0.10 | 0.40 |
| DNMG150612-MF | 0.80 | 0.20 | 2.50 | 0.25 | 0.15 | 0.50 |
| SNMG120404-MF | 0.40 | 0.10 | 1.50 | 0.15 | 0.05 | 0.30 |
| SNMG120408-MF | 0.40 | 0.10 | 1.50 | 0.20 | 0.10 | 0.40 |
| TNMG160404-MF | 0.40 | 0.10 | 1.50 | 0.15 | 0.05 | 0.30 |
| TNMG160408-MF | 0.40 | 0.10 | 1.50 | 0.20 | 0.10 | 0.40 |
| TNMG160412-MF | 0.80 | 0.20 | 2.50 | 0.25 | 0.15 | 0.50 |
| VNMG160404-MF | 0.40 | 0.10 | 1.50 | 0.15 | 0.05 | 0.30 |
| VNMG160408-MF | 0.80 | 0.20 | 2.50 | 0.15 | 0.08 | 0.30 |
| WNMG060404-MF | 0.40 | 0.10 | 1.50 | 0.15 | 0.05 | 0.30 |
| WNMG060408-MF | 0.40 | 0.10 | 1.50 | 0.20 | 0.10 | 0.40 |
| WNMG080404-MF | 0.40 | 0.10 | 1.50 | 0.15 | 0.05 | 0.30 |
| WNMG080408-MF | 0.40 | 0.10 | 1.50 | 0.20 | 0.10 | 0.40 |
| CNMG120404-KF | 0.50 | 0.15 | 2.00 | 0.15 | 0.08 | 0.25 |
| CNMG120408-KF | 0.50 | 0.15 | 2.00 | 0.20 | 0.10 | 0.30 |

| Plaquita | Profundidad recomendada $a_p$ = mm | | | Avance recomendado $f_n$ = mm/r | | |
|---|---|---|---|---|---|---|
| | | Min | Máx. | | Min | Máx. |
| CNMG120412-KF | 1.00 | 0.20 | 2.50 | 0.25 | 0.10 | 0.35 |
| DNMG110404-KF | 0.50 | 0.15 | 2.00 | 0.15 | 0.08 | 0.25 |
| DNMG110408-KF | 0.50 | 0.15 | 2.00 | 0.20 | 0.10 | 0.30 |
| DNMG150404-KF | 0.50 | 0.15 | 2.00 | 0.15 | 0.08 | 0.25 |
| DNMG150408-KF | 0.50 | 0.15 | 2.00 | 0.20 | 0.10 | 0.30 |
| DNMG150412-KF | 1.00 | 0.20 | 2.50 | 0.25 | 0.10 | 0.35 |
| DNMG150604-KF | 0.50 | 0.15 | 2.00 | 0.15 | 0.08 | 0.25 |
| DNMG150608-KF | 0.50 | 0.15 | 2.00 | 0.20 | 0.10 | 0.30 |
| DNMG150612-KF | 1.00 | 0.20 | 2.50 | 0.25 | 0.10 | 0.35 |
| TNMG160404-KF | 0.50 | 0.15 | 2.00 | 0.15 | 0.08 | 0.25 |
| TNMG160408-KF | 0.50 | 0.15 | 2.00 | 0.20 | 0.10 | 0.30 |
| WNMG060404-KF | 0.50 | 0.15 | 2.00 | 0.15 | 0.08 | 0.25 |
| WNMG060408-KF | 0.50 | 0.15 | 2.00 | 0.20 | 0.10 | 0.30 |
| WNMG080404-KF | 0.50 | 0.15 | 2.00 | 0.15 | 0.08 | 0.25 |
| WNMG080408-KF | 0.50 | 0.15 | 2.00 | 0.20 | 0.10 | 0.30 |
| WNMG080412-KF | 1.00 | 0.20 | 2.50 | 0.25 | 0.10 | 0.35 |
| CNMG120408-WMX | 3.00 | 0.50 | 5.00 | 0.45 | 0.15 | 0.70 |
| CNMG120412-WMX | 3.50 | 0.80 | 6.00 | 0.50 | 0.20 | 0.75 |
| CNMG160608-WMX | 3.00 | 0.50 | 5.00 | 0.45 | 0.15 | 0.70 |
| CNMG160612-WMX | 3.50 | 0.50 | 6.00 | 0.50 | 0.20 | 0.75 |
| DNMX150408-WMX | 3.00 | 0.50 | 5.00 | 0.45 | 0.15 | 0.70 |
| DNMX150412-WMX | 3.50 | 0.80 | 6.00 | 0.50 | 0.20 | 0.75 |
| DNMX150416-WMX | 3.50 | 0.50 | 6.00 | 0.50 | 0.20 | 0.80 |
| DNMX150608-WMX | 3.00 | 0.50 | 5.00 | 0.45 | 0.15 | 0.70 |
| DNMX150612-WMX | 3.50 | 0.80 | 6.00 | 0.50 | 0.20 | 0.75 |
| DNMX150616-WMX | 3.50 | 0.50 | 6.00 | 0.50 | 0.20 | 0.80 |
| TNMX160408-WMX | 3.00 | 0.50 | 5.00 | 0.45 | 0.15 | 0.70 |
| TNMX160412-WMX | 3.50 | 0.80 | 6.00 | 0.50 | 0.20 | 0.75 |
| WNMG060408-WMX | 3.00 | 0.50 | 5.00 | 0.45 | 0.15 | 0.70 |
| WNMG060412-WMX | 3.50 | 0.80 | 6.00 | 0.50 | 0.20 | 0.75 |
| WNMG080408-WMX | 3.00 | 0.50 | 5.00 | 0.45 | 0.15 | 0.70 |
| WNMG080412-WMX | 3.50 | 0.80 | 6.00 | 0.50 | 0.20 | 0.75 |
| CNMG090304-PM | 2.00 | 0.40 | 4.00 | 0.20 | 0.10 | 0.30 |
| CNMG090308-PM | 2.00 | 0.50 | 4.00 | 0.30 | 0.15 | 0.50 |
| CNMG120404-PM | 3.00 | 0.40 | 5.50 | 0.20 | 0.10 | 0.30 |
| CNMG120408-PM | 3.00 | 0.50 | 5.50 | 0.30 | 0.15 | 0.50 |
| CNMG120412-PM | 3.00 | 0.80 | 5.50 | 0.35 | 0.18 | 0.60 |
| CNMG120416-PM | 3.00 | 1.00 | 5.50 | 0.40 | 0.23 | 0.65 |
| CNMG160608-PM | 4.00 | 0.50 | 7.20 | 0.30 | 0.15 | 0.50 |
| CNMG160612-PM | 4.00 | 0.8 | 7.20 | 0.35 | 0.18 | 0.60 |
| CNMG160616-PM | 4.00 | 1.00 | 7.20 | 0.40 | 0.23 | 0.65 |
| CNMG190608-PM | 4.00 | 0.50 | 8.60 | 0.30 | 0.15 | 0.50 |
| CNMG190612-PM | 4.00 | 0.80 | 8.60 | 0.35 | 0.18 | 0.60 |
| CNMG190616-PM | 4.00 | 1.00 | 8.60 | 0.40 | 0.23 | 0.65 |
| DNMG110404-PM | 2.00 | 0.40 | 5.00 | 0.20 | 0.10 | 0.30 |
| DNMG110408-PM | 2.00 | 0.50 | 5.00 | 0.30 | 0.15 | 0.50 |
| DNMG110412-PM | 2.00 | 0.80 | 5.00 | 0.35 | 0.18 | 0.50 |
| DNMG150404-PM | 3.00 | 0.40 | 6.00 | 0.20 | 0.10 | 0.30 |
| DNMG150408-PM | 3.00 | 0.50 | 6.00 | 0.30 | 0.15 | 0.50 |
| DNMG150412-PM | 3.00 | 0.80 | 6.00 | 0.35 | 0.18 | 0.60 |
| DNMG150604-PM | 3.00 | 0.40 | 6.00 | 0.20 | 0.10 | 0.30 |
| DNMG150608-PM | 3.00 | 0.50 | 6.00 | 0.30 | 0.15 | 0.50 |
| DNMG150612-PM | 3.00 | 0.80 | 6.00 | 0.35 | 0.18 | 0.60 |
| DNMG150616-PM | 3.00 | 1.00 | 6.00 | 0.40 | 0.23 | 0.65 |
| SNMG090304-PM | 2.00 | 0.40 | 4.50 | 0.20 | 0.10 | 0.30 |
| SNMG090308-PM | 2.00 | 0.50 | 4.50 | 0.30 | 0.15 | 0.50 |
| SNMG120404-PM | 3.00 | 0.40 | 6.00 | 0.20 | 0.10 | 0.30 |
| SNMG120408-PM | 3.00 | 0.50 | 6.00 | 0.30 | 0.15 | 0.50 |
| SNMG120412-PM | 3.00 | 0.80 | 6.00 | 0.35 | 0.18 | 0.60 |
| SNMG120416-PM | 3.00 | 1.00 | 6.00 | 0.40 | 0.23 | 0.65 |
| SNMG150612-PM | 4.00 | 0.80 | 7.50 | 0.35 | 0.18 | 0.60 |
| SNMG150616-PM | 4.00 | 1.00 | 7.50 | 0.40 | 0.23 | 0.65 |
| TNMG160404-PM | 3.00 | 0.40 | 5.00 | 0.20 | 0.10 | 0.30 |
| TNMG160408-PM | 3.00 | 0.50 | 5.00 | 0.30 | 0.15 | 0.50 |
| TNMG160412-PM | 3.00 | 0.80 | 5.00 | 0.35 | 0.18 | 0.60 |
| TNMG220404-PM | 4.00 | 0.40 | 6.60 | 0.20 | 0.10 | 0.30 |
| TNMG220408-PM | 4.00 | 0.50 | 6.60 | 0.30 | 0.15 | 0.50 |
| TNMG220412-PM | 4.00 | 0.80 | 6.60 | 0.35 | 0.18 | 0.60 |
| TNMG220416-PM | 4.00 | 1.00 | 6.60 | 0.40 | 0.23 | 0.65 |
| VNMG160408-PM | 2.00 | 0.50 | 4.00 | 0.30 | 0.15 | 0.50 |
| VNMG160412-PM | 2.00 | 0.80 | 4.00 | 0.35 | 0.18 | 0.60 |
| WNMG060408-PM | 2.00 | 0.50 | 3.00 | 0.30 | 0.15 | 0.50 |
| WNMG060412-PM | 2.00 | 0.80 | 3.00 | 0.35 | 0.18 | 0.60 |

# Recomendaciones de profundidad y avances, valores métricos

## Plaquitas negativas T-MAX P

| Plaquita | Profundidad recomendada $a_p$ = mm | | | Avance recomendado $f_n$ = mm/r | | |
|---|---|---|---|---|---|---|
| | | Min | Máx. | | Min | Máx. |
| WNMG080408-PM | 2.50 | 0.50 | 4.00 | 0.30 | 0.15 | 0.50 |
| WNMG080412-PM | 2.50 | 0.80 | 4.00 | 0.35 | 0.18 | 0.60 |
| WNMG080416-PM | 3.00 | 1.00 | 4.00 | 0.40 | 0.23 | 0.65 |
| CNMG120408-MM | 3.00 | 0.50 | 5.70 | 0.25 | 0.10 | 0.45 |
| CNMG120412-MM | 3.00 | 0.50 | 5.70 | 0.30 | 0.10 | 0.60 |
| CNMG120416-MM | 3.00 | 0.50 | 5.70 | 0.37 | 0.10 | 0.65 |
| CNMG160608-MM | 4.00 | 0.50 | 7.20 | 0.25 | 0.10 | 0.45 |
| CNMG160612-MM | 4.00 | 0.50 | 7.20 | 0.30 | 0.10 | 0.60 |
| CNMG160616-MM | 4.00 | 0.50 | 7.20 | 0.37 | 0.10 | 0.65 |
| CNMG190608-MM | 4.00 | 0.50 | 8.50 | 0.25 | 0.10 | 0.45 |
| CNMG190612-MM | 4.00 | 0.50 | 8.50 | 0.30 | 0.10 | 0.60 |
| CNMG190616-MM | 4.00 | 0.50 | 8.50 | 0.37 | 0.10 | 0.65 |
| DNMG110408-MM | 2.00 | 0.50 | 4.40 | 0.25 | 0.10 | 0.45 |
| DNMG110412-MM | 2.00 | 0.50 | 4.40 | 0.30 | 0.10 | 0.60 |
| DNMG150408-MM | 3.00 | 0.50 | 6.40 | 0.25 | 0.10 | 0.45 |
| DNMG150412-MM | 3.00 | 0.50 | 6.40 | 0.30 | 0.10 | 0.60 |
| DNMG150608-MM | 3.00 | 0.50 | 6.40 | 0.25 | 0.10 | 0.45 |
| DNMG150612-MM | 3.00 | 0.50 | 6.40 | 0.30 | 0.10 | 0.60 |
| SNMG120408-MM | 3.00 | 0.50 | 6.35 | 0.25 | 0.10 | 0.45 |
| SNMG120412-MM | 3.00 | 0.50 | 6.35 | 0.30 | 0.10 | 0.60 |
| SNMG120416-MM | 3.00 | 0.50 | 6.35 | 0.37 | 0.10 | 0.65 |
| SNMG150612-MM | 4.00 | 0.50 | 8.00 | 0.30 | 0.10 | 0.60 |
| SNMG150616-MM | 4.00 | 0.50 | 8.00 | 0.37 | 0.10 | 0.65 |
| SNMG190612-MM | 4.00 | 0.50 | 9.50 | 0.30 | 0.10 | 0.60 |
| SNMG190616-MM | 4.00 | 0.50 | 9.50 | 0.37 | 0.10 | 0.65 |
| TNMG160408-MM | 3.00 | 0.50 | 4.80 | 0.25 | 0.10 | 0.45 |
| TNMG160412-MM | 3.00 | 0.50 | 4.80 | 0.30 | 0.10 | 0.60 |
| TNMG220408-MM | 4.00 | 0.50 | 6.60 | 0.25 | 0.10 | 0.45 |
| TNMG220412-MM | 4.00 | 0.50 | 6.60 | 0.30 | 0.10 | 0.60 |
| TNMG220416-MM | 4.00 | 0.50 | 6.60 | 0.37 | 0.10 | 0.65 |
| VNMG160408-MM | 2.00 | 0.50 | 4.00 | 0.25 | 0.10 | 0.45 |
| WNMG060408-MM | 2.00 | 0.50 | 3.00 | 0.25 | 0.10 | 0.45 |
| WNMG060412-MM | 2.00 | 0.50 | 3.00 | 0.30 | 0.10 | 0.60 |
| WNMG080408-MM | 2.50 | 0.50 | 4.00 | 0.25 | 0.10 | 0.45 |
| WNMG080412-MM | 2.50 | 0.50 | 4.00 | 0.30 | 0.10 | 0.60 |
| CNMG120408-KM | 3.00 | 0.20 | 6.00 | 0.35 | 0.15 | 0.50 |
| CNMG120412-KM | 3.00 | 0.30 | 6.00 | 0.40 | 0.15 | 0.60 |
| CNMG120416-KM | 3.00 | 0.30 | 6.00 | 0.45 | 0.20 | 0.70 |
| CNMG160608-KM | 4.00 | 0.20 | 8.00 | 0.35 | 0.15 | 0.50 |
| CNMG160612-KM | 4.00 | 0.30 | 8.00 | 0.40 | 0.15 | 0.60 |
| CNMG160616-KM | 4.00 | 0.30 | 8.00 | 0.45 | 0.20 | 0.70 |
| CNMG190612-KM | 4.50 | 0.30 | 9.00 | 0.40 | 0.15 | 0.60 |
| CNMG190616-KM | 4.50 | 0.30 | 9.00 | 0.45 | 0.20 | 0.70 |
| DNMG110408-KM | 2.00 | 0.20 | 3.50 | 0.35 | 0.15 | 0.50 |
| DNMG110412-KM | 2.00 | 0.30 | 3.50 | 0.40 | 0.15 | 0.60 |
| DNMG150408-KM | 2.50 | 0.20 | 5.00 | 0.35 | 0.15 | 0.50 |
| DNMG150412-KM | 2.50 | 0.30 | 5.00 | 0.40 | 0.15 | 0.60 |
| DNMG150608-KM | 2.50 | 0.20 | 5.00 | 0.35 | 0.15 | 0.50 |
| DNMG150612-KM | 2.50 | 0.30 | 5.00 | 0.40 | 0.15 | 0.60 |
| SNMG090308-KM | 2.50 | 0.20 | 4.50 | 0.35 | 0.15 | 0.50 |
| SNMG120408-KM | 3.00 | 0.20 | 6.00 | 0.35 | 0.15 | 0.50 |
| SNMG120412-KM | 3.00 | 0.30 | 6.00 | 0.40 | 0.15 | 0.60 |
| SNMG120416-KM | 3.00 | 0.30 | 6.00 | 0.45 | 0.20 | 0.70 |
| SNMG150612-KM | 4.00 | 0.30 | 8.00 | 0.40 | 0.15 | 0.60 |
| SNMG150616-KM | 4.00 | 0.30 | 8.00 | 0.45 | 0.20 | 0.70 |
| SNMG190612-KM | 4.50 | 0.30 | 9.00 | 0.40 | 0.15 | 0.60 |
| SNMG190616-KM | 4.50 | 0.30 | 9.00 | 0.45 | 0.20 | 0.70 |
| TNMG160408-KM | 3.00 | 0.20 | 5.50 | 0.35 | 0.15 | 0.50 |
| TNMG160412-KM | 3.00 | 0.30 | 5.50 | 0.40 | 0.15 | 0.60 |
| TNMG220408-KM | 4.00 | 0.20 | 8.00 | 0.35 | 0.15 | 0.50 |
| TNMG220412-KM | 4.00 | 0.30 | 8.00 | 0.40 | 0.15 | 0.60 |
| TNMG220416-KM | 4.00 | 0.30 | 8.00 | 0.45 | 0.20 | 0.70 |
| VNMG160408-KM | 2.00 | 0.20 | 3.50 | 0.30 | 0.15 | 0.40 |
| VNMG160412-KM | 2.00 | 0.30 | 3.50 | 0.35 | 0.15 | 0.50 |
| WNMG060408-KM | 2.00 | 0.20 | 4.00 | 0.35 | 0.15 | 0.50 |
| WNMG060412-KM | 2.00 | 0.30 | 4.00 | 0.40 | 0.15 | 0.60 |
| WNMG080408-KM | 2.50 | 0.20 | 5.00 | 0.35 | 0.15 | 0.50 |
| WNMG080412-KM | 2.50 | 0.30 | 5.00 | 0.40 | 0.15 | 0.60 |
| WNMG080416-KM | 2.50 | 0.30 | 5.00 | 0.45 | 0.20 | 0.70 |
| CNMG160612-HM | 4.00 | 1.00 | 8.00 | 0.50 | 0.25 | 0.80 |
| CNMG160616-HM | 4.00 | 1.50 | 8.00 | 0.60 | 0.30 | 0.90 |
| CNMG190612-HM | 4.00 | 1.00 | 10.00 | 0.50 | 0.25 | 0.80 |
| CNMG190616-HM | 4.00 | 1.50 | 10.00 | 0.60 | 0.30 | 0.90 |

| Plaquita | Profundidad recomendada $a_p$ = mm | | | Avance recomendado $f_n$ = mm/r | | |
|---|---|---|---|---|---|---|
| | | Min | Máx. | | Min | Máx. |
| CNMG190624-HM | 5.00 | 2.00 | 10.00 | 0.60 | 0.30 | 1.20 |
| SNMG150612-HM | 4.00 | 1.00 | 8.00 | 0.50 | 0.25 | 0.80 |
| SNMG150616-HM | 4.00 | 1.50 | 8.00 | 0.60 | 0.30 | 0.90 |
| SNMG190612-HM | 4.00 | 1.00 | 10.00 | 0.50 | 0.25 | 0.80 |
| SNMG190616-HM | 4.00 | 1.50 | 10.00 | 0.60 | 0.30 | 0.90 |
| SNMG190624-HM | 5.00 | 2.00 | 10.00 | 0.60 | 0.30 | 1.20 |
| SNMG250924-HM | 6.00 | 2.00 | 15.00 | 0.80 | 0.40 | 1.20 |
| TNMG270612-HM | 6.00 | 2.00 | 12.00 | 0.60 | 0.35 | 0.75 |
| TNMG270616-HM | 6.00 | 2.00 | 12.00 | 0.60 | 0.35 | 0.75 |
| TNMG330924-HM | 7.00 | 3.00 | 15.00 | 0.60 | 0.45 | 0.90 |
| CNMM120408-WR | 2.50 | 0.80 | 5.00 | 0.60 | 0.30 | 0.80 |
| CNMM120412-WR | 2.50 | 1.00 | 5.00 | 0.80 | 0.40 | 1.10 |
| CNMM120416-WR | 2.50 | 1.20 | 5.00 | 0.80 | 0.44 | 1.20 |
| CNMM160612-WR | 3.00 | 1.20 | 6.00 | 0.80 | 0.42 | 1.20 |
| CNMM160616-WR | 3.00 | 1.40 | 6.00 | 0.90 | 0.46 | 1.30 |
| CNMM190616-WR | 3.30 | 1.60 | 6.70 | 1.00 | 0.48 | 1.30 |
| TNMX220412-WR | 2.50 | 1.00 | 5.00 | 0.80 | 0.40 | 1.10 |
| TNMX220416-WR | 2.50 | 1.20 | 5.00 | 0.90 | 0.44 | 1.20 |
| CNMM120408-PR | 5.00 | 0.70 | 7.50 | 0.40 | 0.20 | 0.55 |
| CNMM120412-PR | 5.00 | 1.00 | 7.50 | 0.50 | 0.25 | 0.70 |
| CNMM120416-PR | 5.00 | 1.50 | 7.50 | 0.55 | 0.32 | 0.90 |
| CNMM160608-PR | 6.00 | 0.70 | 9.50 | 0.40 | 0.20 | 0.55 |
| CNMM160612-PR | 6.00 | 1.00 | 9.50 | 0.50 | 0.25 | 0.70 |
| CNMM160616-PR | 6.00 | 1.50 | 9.50 | 0.55 | 0.32 | 0.90 |
| CNMM190612-PR | 6.00 | 1.00 | 12.00 | 0.50 | 0.25 | 0.70 |
| CNMM190616-PR | 6.00 | 1.50 | 12.00 | 0.55 | 0.32 | 0.90 |
| CNMM190624-PR | 6.00 | 2.00 | 12.00 | 0.55 | 0.35 | 1.20 |
| DNMM150608-PR | 5.00 | 0.70 | 6.00 | 0.40 | 0.20 | 0.55 |
| DNMM150612-PR | 5.00 | 1.00 | 6.00 | 0.50 | 0.25 | 0.70 |
| DNMM150616-PR | 5.00 | 1.50 | 6.00 | 0.55 | 0.32 | 0.90 |
| SNMM120408-PR | 5.00 | 0.70 | 7.50 | 0.40 | 0.20 | 0.55 |
| SNMM120412-PR | 5.00 | 1.00 | 7.50 | 0.50 | 0.25 | 0.70 |
| SNMM150612-PR | 6.00 | 1.00 | 9.00 | 0.50 | 0.25 | 0.70 |
| SNMM150616-PR | 6.00 | 1.50 | 9.00 | 0.55 | 0.32 | 0.90 |
| SNMM190612-PR | 6.00 | 1.00 | 12.00 | 0.50 | 0.25 | 0.70 |
| SNMM190616-PR | 6.00 | 1.50 | 12.00 | 0.55 | 0.32 | 0.90 |
| SNMM190624-PR | 6.00 | 2.00 | 12.00 | 0.55 | 0.35 | 1.20 |
| TNMM160408-PR | 4.00 | 0.70 | 6.00 | 0.40 | 0.20 | 0.55 |
| TNMM160412-PR | 4.00 | 1.00 | 6.00 | 0.50 | 0.25 | 0.70 |
| TNMM220408-PR | 5.00 | 0.70 | 8.00 | 0.40 | 0.20 | 0.55 |
| TNMM220412-PR | 5.00 | 1.00 | 8.00 | 0.50 | 0.25 | 0.70 |
| TNMM220416-PR | 5.00 | 1.50 | 8.00 | 0.55 | 0.32 | 0.90 |
| CNMG120408-PR | 4.00 | 0.70 | 7.00 | 0.35 | 0.20 | 0.50 |
| CNMG120412-PR | 4.00 | 1.00 | 7.00 | 0.40 | 0.25 | 0.70 |
| CNMG120416-PR | 4.00 | 1.50 | 7.00 | 0.50 | 0.32 | 0.75 |
| CNMG160608-PR | 5.00 | 0.70 | 8.00 | 0.35 | 0.20 | 0.50 |
| CNMG160612-PR | 5.00 | 1.00 | 8.00 | 0.40 | 0.25 | 0.70 |
| CNMG160616-PR | 5.00 | 1.50 | 8.00 | 0.50 | 0.30 | 0.80 |
| CNMG160624-PR | 5.00 | 2.00 | 8.00 | 0.50 | 0.32 | 0.90 |
| CNMG190608-PR | 5.00 | 0.70 | 10.00 | 0.35 | 0.20 | 0.50 |
| CNMG190612-PR | 5.00 | 1.00 | 10.00 | 0.40 | 0.25 | 0.70 |
| CNMG190616-PR | 5.00 | 1.50 | 10.00 | 0.50 | 0.30 | 0.80 |
| CNMG190624-PR | 5.00 | 2.00 | 10.00 | 0.50 | 0.32 | 0.90 |
| CNMG250924-PR | 6.00 | 2.00 | 15.00 | 0.60 | 0.40 | 1.00 |
| DNMG150408-PR | 4.00 | 0.70 | 6.00 | 0.35 | 0.20 | 0.50 |
| DNMG150412-PR | 4.00 | 1.00 | 6.00 | 0.40 | 0.25 | 0.70 |
| DNMG150416-PR | 4.00 | 1.50 | 6.00 | 0.50 | 0.30 | 0.75 |
| DNMG150608-PR | 4.00 | 0.70 | 6.00 | 0.35 | 0.20 | 0.50 |
| DNMG150612-PR | 4.00 | 1.00 | 6.00 | 0.40 | 0.25 | 0.70 |
| DNMG150616-PR | 4.00 | 1.50 | 6.00 | 0.50 | 0.32 | 0.75 |
| SNMG120408-PR | 4.00 | 0.70 | 7.00 | 0.35 | 0.20 | 0.50 |
| SNMG120412-PR | 4.00 | 1.00 | 7.00 | 0.40 | 0.25 | 0.70 |
| SNMG120416-PR | 4.00 | 1.50 | 7.00 | 0.50 | 0.32 | 0.75 |
| SNMG150608-PR | 5.00 | 1.50 | 8.00 | 0.35 | 0.20 | 0.50 |
| SNMG150612-PR | 5.00 | 1.00 | 8.00 | 0.40 | 0.25 | 0.70 |
| SNMG150616-PR | 5.00 | 1.50 | 8.00 | 0.50 | 0.30 | 0.80 |
| SNMG150624-PR | 5.00 | 2.00 | 8.00 | 0.50 | 0.32 | 0.90 |
| SNMG190608-PR | 5.00 | 0.70 | 10.00 | 0.35 | 0.20 | 0.50 |
| SNMG190612-PR | 5.00 | 1.00 | 10.00 | 0.40 | 0.25 | 0.70 |
| SNMG190616-PR | 5.00 | 1.50 | 10.00 | 0.50 | 0.30 | 0.80 |
| SNMG190624-PR | 5.00 | 2.00 | 10.00 | 0.50 | 0.32 | 0.90 |
| SNMG250716-PR | 6.00 | 2.00 | 15.00 | 0.80 | 0.40 | 1.00 |
| SNMG250724-PR | 6.00 | 2.00 | 15.00 | 1.00 | 0.40 | 1.20 |

# Recomendaciones de profundidad y avances, valores métricos

## Plaquitas negativas T-MAX P

| Plaquita | Profundidad recomendada $a_p$ = mm | | | Avance recomendado $f_n$ = mm/r | | |
|---|---|---|---|---|---|---|
| | | Min | Máx. | | Min | Máx. |
| SNMG250924-PR | 6.00 | 2.00 | 15.00 | 1.00 | 0.40 | 1.20 |
| TNMG160408-PR | 3.00 | 0.70 | 6.00 | 0.35 | 0.20 | 0.55 |
| TNMG160412-PR | 3.00 | 1.00 | 6.00 | 0.40 | 0.25 | 0.65 |
| TNMG220408-PR | 4.00 | 0.70 | 5.00 | 0.35 | 0.20 | 0.55 |
| TNMG220412-PR | 4.00 | 1.00 | 7.00 | 0.40 | 0.25 | 0.65 |
| TNMG220416-PR | 4.00 | 1.50 | 7.00 | 0.50 | 0.32 | 0.75 |
| TNMG270608-PR | 6.00 | 1.50 | 12.00 | 0.50 | 0.35 | 0.55 |
| TNMG270612-PR | 6.00 | 2.00 | 12.00 | 0.60 | 0.35 | 0.75 |
| TNMG270616-PR | 6.00 | 2.00 | 12.00 | 0.60 | 0.35 | 0.70 |
| TNMG330716-PR | 3.00 | 1.50 | 8.00 | 0.60 | 0.40 | 0.75 |
| TNMG330924-PR | 7.00 | 3.00 | 15.00 | 0.60 | 0.45 | 0.90 |
| WNMG060408-PR | 3.00 | 0.70 | 3.50 | 0.30 | 0.20 | 0.45 |
| WNMG060412-PR | 3.00 | 0.80 | 3.50 | 0.35 | 0.25 | 0.55 |
| WNMG080408-PR | 4.00 | 0.70 | 5.00 | 0.35 | 0.20 | 0.55 |
| WNMG080412-PR | 4.00 | 1.00 | 5.00 | 0.40 | 0.25 | 0.70 |
| WNMG080416-PR | 4.00 | 1.50 | 5.00 | 0.50 | 0.32 | 0.75 |
| CNMG120408-MR | 3.00 | 2.00 | 7.60 | 0.30 | 0.15 | 0.55 |
| CNMG120412-MR | 3.00 | 2.00 | 7.60 | 0.35 | 0.15 | 0.60 |
| CNMG120416-MR | 3.00 | 2.00 | 7.60 | 0.40 | 0.15 | 0.70 |
| CNMG160612-MR | 4.00 | 2.00 | 10.00 | 0.35 | 0.15 | 0.60 |
| CNMG160616-MR | 4.00 | 2.00 | 10.00 | 0.40 | 0.15 | 0.70 |
| CNMG190612-MR | 4.00 | 2.00 | 11.40 | 0.35 | 0.15 | 0.60 |
| CNMG190616-MR | 4.00 | 2.00 | 11.40 | 0.40 | 0.15 | 0.70 |
| CNMG190624-MR | 4.00 | 2.00 | 11.40 | 0.50 | 0.15 | 1.00 |
| DNMG150408-MR | 3.00 | 2.00 | 6.00 | 0.30 | 0.15 | 0.55 |
| DNMG150412-MR | 3.00 | 2.00 | 6.00 | 0.35 | 0.15 | 0.60 |
| DNMG150416-MR | 3.00 | 2.00 | 6.00 | 0.40 | 0.15 | 0.70 |
| DNMG150608-MR | 3.00 | 2.00 | 6.00 | 0.30 | 0.15 | 0.55 |
| DNMG150612-MR | 3.00 | 2.00 | 6.00 | 0.35 | 0.15 | 0.60 |
| DNMG150616-MR | 3.00 | 2.00 | 6.00 | 0.40 | 0.15 | 0.70 |
| SNMG120408-MR | 3.00 | 2.00 | 7.60 | 0.30 | 0.15 | 0.55 |
| SNMG120412-MR | 3.00 | 2.00 | 7.60 | 0.35 | 0.15 | 0.60 |
| SNMG150612-MR | 4.00 | 2.00 | 9.60 | 0.35 | 0.15 | 0.60 |
| SNMG150616-MR | 4.00 | 2.00 | 9.60 | 0.40 | 0.15 | 0.70 |
| SNMG190612-MR | 4.00 | 2.00 | 11.40 | 0.35 | 0.15 | 0.60 |
| SNMG190616-MR | 4.00 | 2.00 | 11.40 | 0.40 | 0.15 | 0.70 |
| SNMG190624-MR | 4.00 | 2.00 | 11.40 | 0.50 | 0.15 | 1.00 |
| TNMG160408-MR | 3.00 | 2.00 | 5.60 | 0.30 | 0.15 | 0.55 |
| TNMG160412-MR | 3.00 | 2.00 | 5.60 | 0.35 | 0.15 | 0.60 |
| TNMG220408-MR | 4.00 | 2.00 | 7.70 | 0.30 | 0.15 | 0.55 |
| TNMG220412-MR | 4.00 | 2.00 | 7.70 | 0.35 | 0.15 | 0.60 |
| TNMG220416-MR | 4.00 | 2.00 | 7.70 | 0.40 | 0.15 | 0.70 |
| WNMG060408-MR | 2.00 | 1.50 | 3.00 | 0.30 | 0.15 | 0.55 |
| WNMG060412-MR | 2.00 | 1.50 | 3.00 | 0.35 | 0.15 | 0.60 |
| WNMG080408-MR | 2.50 | 2.00 | 4.00 | 0.30 | 0.15 | 0.55 |
| WNMG080412-MR | 2.50 | 2.00 | 4.00 | 0.35 | 0.15 | 0.60 |
| CNMM120408-MR | 3.00 | 0.70 | 7.50 | 0.35 | 0.20 | 0.55 |
| CNMM120412-MR | 3.00 | 1.00 | 7.50 | 0.40 | 0.25 | 0.70 |
| CNMM120416-MR | 3.00 | 1.50 | 7.50 | 0.50 | 0.32 | 0.90 |
| CNMM160612-MR | 6.00 | 1.20 | 9.50 | 0.45 | 0.32 | 0.65 |
| CNMM160616-MR | 6.00 | 1.50 | 9.50 | 0.50 | 0.35 | 0.80 |
| CNMM190612-MR | 7.00 | 1.50 | 12.00 | 0.50 | 0.32 | 0.70 |
| CNMM190616-MR | 7.00 | 1.80 | 12.00 | 0.55 | 0.35 | 0.90 |
| CNMM190624-MR | 7.00 | 2.50 | 12.00 | 0.60 | 0.40 | 1.20 |
| CNMM250924-MR | 9.00 | 2.50 | 15.00 | 0.65 | 0.45 | 1.40 |
| CNMM250932-MR | 9.00 | 3.50 | 15.00 | 0.65 | 0.45 | 1.40 |
| DNMM150608-MR | 3.00 | 0.70 | 6.00 | 0.35 | 0.20 | 0.55 |
| DNMM150612-MR | 3.00 | 1.00 | 6.00 | 0.40 | 0.25 | 0.70 |
| SNMM120408-MR | 3.00 | 0.70 | 7.50 | 0.35 | 0.20 | 0.55 |
| SNMM120412-MR | 3.00 | 1.00 | 7.50 | 0.40 | 0.25 | 0.70 |
| SNMM120416-MR | 3.00 | 1.50 | 7.50 | 0.50 | 0.32 | 0.90 |
| SNMM150612-MR | 4.00 | 1.00 | 9.00 | 0.40 | 0.25 | 0.70 |
| SNMM150616-MR | 4.00 | 1.50 | 9.00 | 0.50 | 0.32 | 0.90 |
| SNMM190612-MR | 7.00 | 1.50 | 12.00 | 0.50 | 0.32 | 0.70 |
| SNMM190616-MR | 7.00 | 1.80 | 12.00 | 0.55 | 0.35 | 0.90 |
| SNMM190624-MR | 7.00 | 2.50 | 12.00 | 0.60 | 0.40 | 1.20 |
| SNMM190632-MR | 4.00 | 3.50 | 12.00 | 0.50 | 0.40 | 1.20 |
| SNMM250724-MR | 9.00 | 2.80 | 18.00 | 0.70 | 0.45 | 1.40 |
| SNMM250732-MR | 6.00 | 2.00 | 15.00 | 0.50 | 0.32 | 1.40 |
| SNMM250924-MR | 9.00 | 2.80 | 18.00 | 0.70 | 0.45 | 1.40 |
| SNMM250932-MR | 6.00 | 2.00 | 15.00 | 0.50 | 0.32 | 1.40 |
| TNMM160408-MR | 3.00 | 0.70 | 7.50 | 0.35 | 0.20 | 0.55 |
| TNMM220408-MR | 3.00 | 0.70 | 8.00 | 0.35 | 0.20 | 0.55 |

| Plaquita | Profundidad recomendada $a_p$ = mm | | | Avance recomendado $f_n$ = mm/r | | |
|---|---|---|---|---|---|---|
| | | Min | Máx. | | Min | Máx. |
| TNMM220412-MR | 3.00 | 1.00 | 8.00 | 0.40 | 0.25 | 0.70 |
| TNMM220416-MR | 3.00 | 1.50 | 8.00 | 0.50 | 0.32 | 0.90 |
| TNMM270616-MR | 4.00 | 1.50 | 9.00 | 0.50 | 0.32 | 0.90 |
| TNMM270624-MR | 4.00 | 2.00 | 9.00 | 0.50 | 0.35 | 1.00 |
| CNMA120404-KR | 2.50 | 0.20 | 5.00 | 0.20 | 0.10 | 0.30 |
| CNMA120408-KR | 4.00 | 0.20 | 8.00 | 0.35 | 0.15 | 0.60 |
| CNMA120412-KR | 4.00 | 0.30 | 8.00 | 0.45 | 0.20 | 0.80 |
| CNMA120416-KR | 4.00 | 0.30 | 8.00 | 0.55 | 0.20 | 1.00 |
| CNMA160612-KR | 5.00 | 0.30 | 10.00 | 0.45 | 0.20 | 0.80 |
| CNMA160616-KR | 5.00 | 0.30 | 10.00 | 0.55 | 0.20 | 1.00 |
| CNMA190608-KR | 6.00 | 0.20 | 12.00 | 0.35 | 0.15 | 0.60 |
| CNMA190612-KR | 6.00 | 0.30 | 12.00 | 0.45 | 0.20 | 0.80 |
| CNMA190616-KR | 6.00 | 0.30 | 12.00 | 0.55 | 0.20 | 1.00 |
| CNMA190624-KR | 6.00 | 0.40 | 12.00 | 0.60 | 0.20 | 1.40 |
| DNMA150408-KR | 3.00 | 0.20 | 6.00 | 0.35 | 0.15 | 0.60 |
| DNMA150412-KR | 3.00 | 0.30 | 6.00 | 0.45 | 0.2 | 0.80 |
| DNMA150608-KR | 3.00 | 0.20 | 6.00 | 0.35 | 0.15 | 0.60 |
| DNMA150612-KR | 3.00 | 0.30 | 6.00 | 0.45 | 0.20 | 0.80 |
| DNMA150616-KR | 3.00 | 0.30 | 6.00 | 0.55 | 0.20 | 1.00 |
| SNMA090308-KR | 2.50 | 0.38 | 4.50 | 0.38 | 0.19 | 0.53 |
| SNMA120408-KR | 4.00 | 0.20 | 8.00 | 0.35 | 0.15 | 0.60 |
| SNMA120412-KR | 4.00 | 0.30 | 8.00 | 0.45 | 0.20 | 0.80 |
| SNMA120416-KR | 4.00 | 0.30 | 8.00 | 0.55 | 0.20 | 1.00 |
| SNMA150612-KR | 5.00 | 0.30 | 10.00 | 0.45 | 0.20 | 0.80 |
| SNMA150616-KR | 5.00 | 0.30 | 10.00 | 0.55 | 0.20 | 1.00 |
| SNMA190608-KR | 6.00 | 0.20 | 12.00 | 0.35 | 0.15 | 0.60 |
| SNMA190612-KR | 6.00 | 0.30 | 12.00 | 0.45 | 0.20 | 0.80 |
| SNMA190616-KR | 6.00 | 0.30 | 12.00 | 0.55 | 0.20 | 1.00 |
| SNMA250724-KR | 6.00 | 0.40 | 12.00 | 0.60 | 0.20 | 1.40 |
| TNMA160404-KR | 2.50 | 0.20 | 5.00 | 0.20 | 0.10 | 0.30 |
| TNMA160408-KR | 3.50 | 0.20 | 7.00 | 0.35 | 0.15 | 0.60 |
| TNMA160412-KR | 3.50 | 0.30 | 7.00 | 0.45 | 0.20 | 0.80 |
| TNMA160416-KR | 3.50 | 0.30 | 7.00 | 0.55 | 0.20 | 1.00 |
| TNMA220408-KR | 5.00 | 0.20 | 10.00 | 0.35 | 0.15 | 0.60 |
| TNMA220412-KR | 5.00 | 0.30 | 10.00 | 0.45 | 0.20 | 0.80 |
| TNMA220416-KR | 5.00 | 0.30 | 10.00 | 0.55 | 0.20 | 1.00 |
| TNMA220432-KR | 5.00 | 0.50 | 10.00 | 0.60 | 0.50 | 1.20 |
| TNMA270616-KR | 5.00 | 0.30 | 12.00 | 0.50 | 0.20 | 1.00 |
| WNMA060408-KR | 2.50 | 0.20 | 4.00 | 0.35 | 0.15 | 0.60 |
| WNMA060412-KR | 2.50 | 0.30 | 4.00 | 0.45 | 0.20 | 0.80 |
| WNMA080408-KR | 3.00 | 0.20 | 5.00 | 0.35 | 0.15 | 0.60 |
| WNMA080412-KR | 3.00 | 0.30 | 5.00 | 0.45 | 0.20 | 0.80 |
| WNMA080416-KR | 3.00 | 0.30 | 5.00 | 0.55 | 0.20 | 1.00 |
| CNMG120408-KR | 3.50 | 0.38 | 7.00 | 0.38 | 0.19 | 0.53 |
| CNMG120412-KR | 3.50 | 0.50 | 7.00 | 0.50 | 0.25 | 0.70 |
| CNMG120416-KR | 3.50 | 0.75 | 7.00 | 0.61 | 0.28 | 0.85 |
| CNMG160612-KR | 4.70 | 0.80 | 9.30 | 0.55 | 0.28 | 0.77 |
| CNMG160616-KR | 4.70 | 1.00 | 9.30 | 0.61 | 0.30 | 0.85 |
| CNMG190612-KR | 7.00 | 1.00 | 14.00 | 0.55 | 0.28 | 0.77 |
| CNMG190616-KR | 7.00 | 1.50 | 14.00 | 0.61 | 0.30 | 0.85 |
| DNMG150408-KR | 3.50 | 0.38 | 7.00 | 0.34 | 0.17 | 0.47 |
| DNMG150412-KR | 3.50 | 0.50 | 7.00 | 0.45 | 0.23 | 0.63 |
| DNMG150608-KR | 3.50 | 0.38 | 7.00 | 0.34 | 0.17 | 0.47 |
| DNMG150612-KR | 3.50 | 0.50 | 7.00 | 0.45 | 0.23 | 0.63 |
| DNMG150616-KR | 3.50 | 0.75 | 7.00 | 0.50 | 0.25 | 0.69 |
| SNMG120408-KR | 3.50 | 0.38 | 7.00 | 0.38 | 0.19 | 0.53 |
| SNMG120412-KR | 3.50 | 0.50 | 7.00 | 0.50 | 0.28 | 0.70 |
| SNMG120416-KR | 3.50 | 0.75 | 7.00 | 0.55 | 0.28 | 0.77 |
| SNMG150612-KR | 4.40 | 0.63 | 8.80 | 0.55 | 0.28 | 0.77 |
| SNMG150616-KR | 4.40 | 0.94 | 8.80 | 0.61 | 0.30 | 0.85 |
| SNMG190616-KR | 6.10 | 1.31 | 12.30 | 0.61 | 0.30 | 0.85 |
| SNMG250724-KR | 7.00 | 2.00 | 14.00 | 0.86 | 0.43 | 1.21 |
| TNMG160408-KR | 3.20 | 0.34 | 6.20 | 0.30 | 0.17 | 0.42 |
| TNMG160412-KR | 3.20 | 0.45 | 6.30 | 0.40 | 0.20 | 0.56 |
| TNMG160416-KR | 3.20 | 0.68 | 6.20 | 0.44 | 0.22 | 0.62 |
| TNMG220408-KR | 3.50 | 0.38 | 7.00 | 0.38 | 0.19 | 0.53 |
| TNMG220412-KR | 3.50 | 0.50 | 7.00 | 0.50 | 0.25 | 0.70 |
| TNMG270616-KR | 4.40 | 0.94 | 8.80 | 0.66 | 0.33 | 0.92 |
| WNMG060408-KR | 2.20 | 0.24 | 4.50 | 0.30 | 0.17 | 0.42 |
| WNMG060412-KR | 2.20 | 0.32 | 4.50 | 0.40 | 0.20 | 0.56 |
| WNMG080408-KR | 2.70 | 0.29 | 5.50 | 0.34 | 0.17 | 0.47 |
| WNMG080412-KR | 2.70 | 0.39 | 5.50 | 0.45 | 0.23 | 0.63 |

# Recomendaciones de profundidad y avances, valores métricos

## CoroTurn® 107, plaquitas de forma básica positiva

| Plaquita | Profundidad recomendada $a_p$ = mm | | | Avance recomendado $f_n$ = mm/r | | |
|---|---|---|---|---|---|---|
| | | Min | Máx. | | Min | Máx. |
| CCMT060204-WF | 0.80 | 0.30 | 2.00 | 0.12 | 0.05 | 0.30 |
| CCMT060208-WF | 0.80 | 0.30 | 2.00 | 0.15 | 0.09 | 0.35 |
| CCMT09T302-WF | 0.30 | 0.10 | 1.50 | 0.10 | 0.03 | 0.15 |
| CCMT09T304-WF | 1.00 | 0.30 | 3.00 | 0.20 | 0.07 | 0.30 |
| CCMT09T308-WF | 1.00 | 0.30 | 3.00 | 0.25 | 0.12 | 0.50 |
| DCMX070202-WF | 0.30 | 0.10 | 1.50 | 0.10 | 0.03 | 0.15 |
| DCMX070204-WF | 0.70 | 0.30 | 2.00 | 0.12 | 0.05 | 0.25 |
| DCMX070208-WF | 0.70 | 0.30 | 2.00 | 0.15 | 0.09 | 0.35 |
| DCMX11T302-WF | 0.30 | 0.10 | 1.50 | 0.10 | 0.03 | 0.15 |
| DCMX11T304-WF | 1.00 | 0.30 | 3.00 | 0.20 | 0.07 | 0.30 |
| DCMX11T308-WF | 1.00 | 0.30 | 3.00 | 0.25 | 0.12 | 0.40 |
| TCMX090202-WF | 0.30 | 0.10 | 1.50 | 0.10 | 0.03 | 0.15 |
| TCMX090204-WF | 0.70 | 0.30 | 2.00 | 0.12 | 0.05 | 0.30 |
| TCMX090208-WF | 0.70 | 0.30 | 2.00 | 0.25 | 0.10 | 0.35 |
| TCMX110302-WF | 0.30 | 0.10 | 1.50 | 0.10 | 0.03 | 0.15 |
| TCMX110304-WF | 1.00 | 0.30 | 2.50 | 0.20 | 0.07 | 0.30 |
| TCMX110308-WF | 1.00 | 0.30 | 2.50 | 0.25 | 0.12 | 0.40 |
| TCMX16T304-WF | 1.20 | 0.30 | 3.50 | 0.20 | 0.07 | 0.35 |
| TCMX16T308-WF | 1.20 | 0.30 | 3.50 | 0.25 | 0.12 | 0.50 |
| CCMT060202-PF | 0.30 | 0.06 | 1.70 | 0.06 | 0.03 | 0.11 |
| CCMT060204-PF | 0.30 | 0.10 | 1.70 | 0.08 | 0.05 | 0.17 |
| CCMT09T302-PF | 0.35 | 0.08 | 2.00 | 0.08 | 0.04 | 0.15 |
| CCMT09T304-PF | 0.35 | 0.11 | 2.00 | 0.11 | 0.06 | 0.23 |
| CCMT09T308-PF | 0.35 | 0.15 | 2.00 | 0.15 | 0.08 | 0.30 |
| CCMT120404-PF | 0.42 | 0.14 | 2.40 | 0.14 | 0.07 | 0.27 |
| DCMT070202-PF | 0.26 | 0.06 | 1.50 | 0.06 | 0.03 | 0.11 |
| DCMT070204-PF | 0.26 | 0.08 | 1.50 | 0.08 | 0.05 | 0.17 |
| DCMT11T302-PF | 0.35 | 0.08 | 2.00 | 0.08 | 0.04 | 0.15 |
| DCMT11T304-PF | 0.35 | 0.11 | 2.00 | 0.11 | 0.06 | 0.23 |
| DCMT11T308-PF | 0.35 | 0.15 | 2.00 | 0.15 | 0.08 | 0.30 |
| SCMT09T304-PF | 0.35 | 0.11 | 2.00 | 0.11 | 0.06 | 0.23 |
| SCMT09T308-PF | 0.35 | 0.15 | 2.00 | 0.15 | 0.08 | 0.30 |
| TCMT06T102-PF | 0.26 | 0.06 | 1.50 | 0.06 | 0.03 | 0.11 |
| TCMT06T104-PF | 0.26 | 0.08 | 1.50 | 0.08 | 0.05 | 0.17 |
| TCMT06T108-PF | 0.26 | 0.11 | 1.50 | 0.11 | 0.06 | 0.23 |
| TCMT090202-PF | 0.30 | 0.06 | 1.70 | 0.06 | 0.03 | 0.13 |
| TCMT090204-PF | 0.30 | 0.10 | 1.70 | 0.10 | 0.05 | 0.19 |
| TCMT110302-PF | 0.30 | 0.06 | 1.70 | 0.06 | 0.03 | 0.13 |
| TCMT110304-PF | 0.30 | 0.10 | 1.70 | 0.10 | 0.05 | 0.19 |
| TCMT110308-PF | 0.30 | 0.13 | 1.70 | 0.13 | 0.07 | 0.26 |
| TCMT16T304-PF | 0.35 | 0.11 | 2.00 | 0.11 | 0.06 | 0.23 |
| VBMT110302-PF | 0.30 | 0.06 | 1.70 | 0.06 | 0.03 | 0.13 |
| VBMT110304-PF | 0.30 | 0.10 | 1.70 | 0.10 | 0.05 | 0.19 |
| VBMT110308-PF | 0.30 | 0.13 | 1.70 | 0.13 | 0.07 | 0.26 |
| VBMT110312-PF | 0.30 | 0.13 | 1.70 | 0.15 | 0.08 | 0.31 |
| VBMT160402-PF | 0.32 | 0.07 | 1.80 | 0.07 | 0.04 | 0.14 |
| VBMT160404-PF | 0.32 | 0.10 | 1.80 | 0.10 | 0.05 | 0.20 |
| VBMT160408-PF | 0.32 | 0.14 | 1.80 | 0.14 | 0.07 | 0.27 |
| VBMT160412-PF | 0.32 | 0.14 | 1.80 | 0.16 | 0.09 | 0.32 |
| CCMT060202-MF | 0.30 | 0.06 | 1.70 | 0.06 | 0.03 | 0.11 |
| CCMT060204-MF | 0.30 | 0.10 | 1.70 | 0.08 | 0.05 | 0.17 |
| CCMT09T302-MF | 0.35 | 0.08 | 2.00 | 0.08 | 0.04 | 0.15 |
| CCMT09T304-MF | 0.35 | 0.11 | 2.00 | 0.11 | 0.06 | 0.23 |
| CCMT09T308-MF | 0.35 | 0.15 | 2.00 | 0.15 | 0.08 | 0.30 |
| CCMT120404-MF | 0.42 | 0.14 | 2.40 | 0.14 | 0.07 | 0.27 |
| DCMT070202-MF | 0.26 | 0.06 | 1.50 | 0.06 | 0.03 | 0.11 |
| DCMT070204-MF | 0.26 | 0.08 | 1.50 | 0.08 | 0.05 | 0.17 |
| DCMT11T302-MF | 0.35 | 0.08 | 2.00 | 0.08 | 0.04 | 0.15 |
| DCMT11T304-MF | 0.35 | 0.11 | 2.00 | 0.11 | 0.06 | 0.23 |
| DCMT11T308-MF | 0.35 | 0.15 | 2.00 | 0.15 | 0.08 | 0.30 |
| SCMT09T304-MF | 0.35 | 0.11 | 2.00 | 0.11 | 0.06 | 0.23 |
| SCMT09T308-MF | 0.35 | 0.15 | 2.00 | 0.15 | 0.08 | 0.30 |
| TCMT06T102-MF | 0.26 | 0.06 | 1.50 | 0.06 | 0.03 | 0.11 |
| TCMT06T104-MF | 0.26 | 0.08 | 1.50 | 0.08 | 0.05 | 0.17 |
| TCMT06T108-MF | 0.26 | 0.11 | 1.50 | 0.11 | 0.06 | 0.23 |
| TCMT090202-MF | 0.30 | 0.06 | 1.70 | 0.06 | 0.03 | 0.13 |
| TCMT090204-MF | 0.30 | 0.10 | 1.70 | 0.10 | 0.05 | 0.19 |
| TCMT110302-MF | 0.30 | 0.06 | 1.70 | 0.06 | 0.03 | 0.13 |
| TCMT110304-MF | 0.30 | 0.10 | 1.70 | 0.10 | 0.05 | 0.19 |
| TCMT110308-MF | 0.30 | 0.13 | 1.70 | 0.13 | 0.07 | 0.26 |
| TCMT16T304-MF | 0.35 | 0.11 | 2.00 | 0.11 | 0.06 | 0.23 |
| VBMT110302-MF | 0.30 | 0.06 | 1.70 | 0.06 | 0.03 | 0.13 |
| VBMT110304-MF | 0.30 | 0.10 | 1.70 | 0.10 | 0.05 | 0.19 |

| Plaquita | Profundidad recomendada $a_p$ = mm | | | Avance recomendado $f_n$ = mm/r | | |
|---|---|---|---|---|---|---|
| | | Min | Máx. | | Min | Máx. |
| VBMT110308-MF | 0.30 | 0.13 | 1.70 | 0.13 | 0.07 | 0.26 |
| VBMT160402-MF | 0.32 | 0.07 | 1.80 | 0.07 | 0.04 | 0.14 |
| VBMT160404-MF | 0.32 | 0.10 | 1.80 | 0.10 | 0.05 | 0.20 |
| VBMT160408-MF | 0.32 | 0.14 | 1.80 | 0.14 | 0.07 | 0.27 |
| VBMT160412-MF | 0.32 | 0.14 | 1.80 | 0.16 | 0.09 | 0.32 |
| CCMT060202-KF | 0.30 | 0.06 | 1.70 | 0.06 | 0.03 | 0.11 |
| CCMT060202-WF | 0.30 | 0.10 | 1.50 | 0.10 | 0.03 | 0.15 |
| CCMT060204-KF | 0.30 | 0.10 | 1.70 | 0.08 | 0.05 | 0.17 |
| CCMT09T302-KF | 0.35 | 0.08 | 2.00 | 0.08 | 0.04 | 0.15 |
| CCMT09T304-KF | 0.35 | 0.11 | 2.00 | 0.11 | 0.06 | 0.23 |
| CCMT120404-KF | 0.42 | 0.14 | 2.40 | 0.14 | 0.07 | 0.27 |
| DCMT070202-KF | 0.26 | 0.06 | 1.50 | 0.06 | 0.03 | 0.11 |
| DCMT070204-KF | 0.26 | 0.08 | 1.50 | 0.08 | 0.05 | 0.17 |
| DCMT11T302-KF | 0.35 | 0.08 | 2.00 | 0.08 | 0.04 | 0.15 |
| DCMT11T304-KF | 0.35 | 0.11 | 2.00 | 0.11 | 0.06 | 0.23 |
| SCMT09T304-KF | 0.35 | 0.11 | 2.00 | 0.11 | 0.06 | 0.23 |
| SCMT09T308-KF | 0.35 | 0.15 | 2.00 | 0.15 | 0.08 | 0.30 |
| TCMT06T102-KF | 0.26 | 0.06 | 1.50 | 0.06 | 0.03 | 0.11 |
| TCMT06T104-KF | 0.26 | 0.08 | 1.50 | 0.08 | 0.05 | 0.17 |
| TCMT06T108-KF | 0.26 | 0.11 | 1.50 | 0.11 | 0.06 | 0.23 |
| TCMT090202-KF | 0.30 | 0.06 | 1.70 | 0.06 | 0.03 | 0.13 |
| TCMT090204-KF | 0.30 | 0.10 | 1.70 | 0.10 | 0.05 | 0.19 |
| TCMT110302-KF | 0.30 | 0.06 | 1.70 | 0.06 | 0.03 | 0.13 |
| TCMT110304-KF | 0.30 | 0.10 | 1.70 | 0.10 | 0.05 | 0.19 |
| TCMT16T304-KF | 0.35 | 0.11 | 2.00 | 0.11 | 0.06 | 0.23 |
| VBMT110302-KF | 0.30 | 0.06 | 1.70 | 0.06 | 0.03 | 0.13 |
| VBMT110304-KF | 0.30 | 0.10 | 1.70 | 0.10 | 0.05 | 0.19 |
| VBMT110308-KF | 0.30 | 0.13 | 1.70 | 0.13 | 0.07 | 0.26 |
| VBMT160402-KF | 0.32 | 0.07 | 1.80 | 0.07 | 0.04 | 0.14 |
| VBMT160404-KF | 0.32 | 0.10 | 1.80 | 0.10 | 0.05 | 0.20 |
| VBMT160408-KF | 0.32 | 0.14 | 1.80 | 0.14 | 0.07 | 0.27 |
| TCEX050100L-F | 0.15 | 0.05 | 1.80 | 0.06 | 0.02 | 0.10 |
| TCEX050100R-F | 0.15 | 0.05 | 0.80 | 0.06 | 0.02 | 0.10 |
| TCEX050101L-F | 0.15 | 0.05 | 0.80 | 0.06 | 0.02 | 0.10 |
| TCEX050101R-F | | | | | | |
| TCEX050101R-F | 0.15 | 0.05 | 0.80 | 0.06 | 0.02 | 0.10 |
| TCEX06T100L-F | | | | | | |
| TCEX06T100L-F | 0.20 | 0.05 | 1.50 | 0.08 | 0.02 | 0.12 |
| TCEX06T100R-F | | | | | | |
| TCEX06T100R-F | 0.20 | 0.05 | 1.50 | 0.08 | 0.02 | 0.12 |
| TCEX06T101L-F | | | | | | |
| TCEX06T101L-F | 0.20 | 0.05 | 1.50 | 0.08 | 0.02 | 0.12 |
| TCEX06T101R-F | | | | | | |
| TCEX06T101R-F | 0.20 | 0.05 | 1.50 | 0.08 | 0.02 | 0.12 |
| TCEX06T102L-F | | | | | | |
| TCEX06T102L-F | 0.20 | 0.05 | 0.50 | 0.08 | 0.02 | 0.12 |
| TCEX090200L-F | | | | | | |
| TCEX090200L-F | 0.30 | 0.05 | 3.00 | 0.10 | 0.02 | 0.15 |
| TCEX090200R-F | | | | | | |
| TCEX090200R-F | 0.30 | 0.05 | 3.00 | 0.10 | 0.02 | 0.15 |
| TCEX090201L-F | 0.30 | 0.05 | 3.00 | 0.10 | 0.02 | 0.15 |
| TCEX090201R-F | 0.30 | 0.05 | 3.00 | 0.10 | 0.02 | 0.15 |
| TCEX090202L-F | 0.20 | 0.05 | 0.50 | 0.10 | 0.02 | 0.15 |
| TCEX110300L-F | 0.40 | 0.05 | 4.00 | 0.10 | 0.02 | 0.15 |
| TCEX110300R-F | 0.40 | 0.05 | 4.00 | 0.10 | 0.02 | 0.15 |
| TCEX110301L-F | 0.40 | 0.05 | 4.00 | 0.10 | 0.02 | 0.15 |
| TCEX110301R-F | 0.40 | 0.05 | 4.00 | 0.10 | 0.02 | 0.15 |
| TCEX110302L-F | 0.20 | 0.05 | 0.50 | 0.10 | 0.02 | 0.20 |
| VCEX110300L-F | 1.00 | 0.03 | 4.00 | 0.05 | 0.01 | 0.20 |
| VCEX110300R-F | 1.00 | 0.03 | 4.00 | 0.05 | 0.01 | 0.20 |
| VCEX110301L-F | 1.00 | 0.05 | 4.00 | 0.10 | 0.01 | 0.30 |
| VCEX110301R-F | 1.00 | 0.05 | 4.00 | 0.10 | 0.01 | 0.30 |
| TCGX06T104L-WK | 0.50 | 0.15 | 1.00 | 0.15 | 0.03 | 0.25 |
| TCGX06T104R-WK | 0.50 | 0.15 | 1.00 | 0.15 | 0.03 | 0.25 |
| TCGX090204L-WK | 0.50 | 0.15 | 1.20 | 0.20 | 0.04 | 0.28 |
| TCGX090204R-WK | 0.50 | 0.15 | 1.20 | 0.20 | 0.04 | 0.28 |
| TCGX110204L-WK | 0.50 | 0.15 | 1.50 | 0.20 | 0.05 | 0.30 |
| TCGX110204R-WK | 0.50 | 0.15 | 1.50 | 0.20 | 0.05 | 0.30 |
| TCGX110304L-WK | 0.50 | 0.15 | 1.50 | 0.20 | 0.05 | 0.30 |
| TCGX110304R-WK | 0.50 | 0.15 | 1.50 | 0.20 | 0.05 | 0.30 |
| CCMT060208-WM | 1.20 | 0.50 | 2.50 | 0.20 | 0.10 | 0.40 |
| CCMT09T304-WM | 1.50 | 0.50 | 4.00 | 0.25 | 0.12 | 0.40 |
| CCMT09T308-WM | 1.50 | 0.70 | 4.00 | 0.30 | 0.15 | 0.50 |

# Recomendaciones de profundidad y avances, valores métricos

## CoroTurn® 107, plaquitas de forma básica positiva

| Plaquita | Profundidad recomendada $a_p$ = mm | | | Avance recomendado $f_n$ = mm/r | | |
|---|---|---|---|---|---|---|
| | | Min | Máx. | | Min | Máx. |
| CCMT120404-WM | 2.00 | 0.50 | 4.00 | 0.25 | 0.15 | 0.40 |
| CCMT120408-WM | 2.00 | 0.70 | 4.00 | 0.30 | 0.15 | 0.50 |
| DCMX11T304-WM | 1.50 | 0.50 | 4.00 | 0.25 | 0.12 | 0.40 |
| DCMX11T308-WM | 1.50 | 0.50 | 4.00 | 0.30 | 0.15 | 0.50 |
| TCMX110304-WM | 1.20 | 0.50 | 3.00 | 0.25 | 0.12 | 0.35 |
| TCMX110308-WM | 1.20 | 0.50 | 3.00 | 0.30 | 0.15 | 0.50 |
| TCMX16T308-WM | 1.50 | 0.50 | 4.00 | 0.30 | 0.15 | 0.50 |
| CCMT060204-PM | 0.64 | 0.20 | 2.40 | 0.11 | 0.06 | 0.17 |
| CCMT060208-PM | 0.64 | 0.40 | 2.40 | 0.15 | 0.08 | 0.23 |
| CCMT09T304-PM | 0.64 | 0.25 | 3.00 | 0.15 | 0.08 | 0.23 |
| CCMT09T308-PM | 0.80 | 0.50 | 3.00 | 0.20 | 0.10 | 0.30 |
| CCMT120404-PM | 0.96 | 0.30 | 3.60 | 0.18 | 0.09 | 0.27 |
| CCMT120408-PM | 0.96 | 0.60 | 3.60 | 0.24 | 0.12 | 0.36 |
| CCMT120412-PM | 0.96 | 0.72 | 3.60 | 0.29 | 0.14 | 0.43 |
| DCMT070204-PM | 0.60 | 0.19 | 2.25 | 0.11 | 0.06 | 0.17 |
| DCMT070208-PM | 0.60 | 0.38 | 2.25 | 0.15 | 0.08 | 0.23 |
| DCMT11T304-PM | 0.80 | 0.25 | 3.00 | 0.15 | 0.08 | 0.23 |
| DCMT11T308-PM | 0.80 | 0.50 | 3.00 | 0.20 | 0.10 | 0.30 |
| DCMT11T312-PM | 0.80 | 0.60 | 3.00 | 0.24 | 0.12 | 0.36 |
| SCMT09T304-PM | 0.80 | 0.25 | 3.00 | 0.15 | 0.08 | 0.23 |
| SCMT09T308-PM | 0.80 | 0.50 | 3.00 | 0.20 | 0.10 | 0.30 |
| SCMT120404-PM | 0.96 | 0.30 | 3.60 | 0.18 | 0.09 | 0.27 |
| SCMT120408-PM | 0.96 | 0.60 | 3.60 | 0.24 | 0.12 | 0.36 |
| SCMT120412-PM | 0.96 | 0.72 | 3.60 | 0.29 | 0.14 | 0.43 |
| TCMT090204-PM | 0.60 | 0.19 | 2.25 | 0.11 | 0.06 | 0.17 |
| TCMT090208-PM | 0.60 | 0.38 | 2.25 | 0.15 | 0.08 | 0.23 |
| TCMT110304-PM | 0.67 | 0.21 | 2.50 | 0.13 | 0.06 | 0.19 |
| TCMT110308-PM | 0.67 | 0.42 | 2.50 | 0.17 | 0.09 | 0.26 |
| TCMT110312-PM | 0.67 | 0.50 | 2.50 | 0.20 | 0.10 | 0.31 |
| TCMT16T304-PM | 0.80 | 0.25 | 3.00 | 0.15 | 0.08 | 0.23 |
| TCMT16T308-PM | 0.80 | 0.50 | 3.00 | 0.20 | 0.10 | 0.30 |
| TCMT16T312-PM | 0.80 | 0.60 | 3.00 | 0.24 | 0.12 | 0.36 |
| TCMT220408-PM | 0.96 | 0.60 | 3.60 | 0.24 | 0.12 | 0.36 |
| VBMT160404-PM | 0.72 | 0.23 | 2.70 | 0.14 | 0.07 | 0.20 |
| VBMT160408-PM | 0.72 | 0.45 | 2.70 | 0.18 | 0.09 | 0.27 |
| VBMT160412-PM | 0.72 | 0.54 | 2.70 | 0.22 | 0.11 | 0.32 |
| CCMT060204-MM | 0.64 | 0.20 | 2.40 | 0.11 | 0.06 | 0.17 |
| CCMT060208-MM | 0.64 | 0.40 | 2.40 | 0.15 | 0.08 | 0.23 |
| CCMT09T304-MM | 0.64 | 0.25 | 3.00 | 0.15 | 0.08 | 0.23 |
| CCMT09T308-MM | 0.80 | 0.50 | 3.00 | 0.20 | 0.10 | 0.30 |
| CCMT120404-MM | 0.96 | 0.30 | 3.60 | 0.18 | 0.09 | 0.27 |
| CCMT120408-MM | 0.96 | 0.60 | 3.60 | 0.24 | 0.12 | 0.36 |
| CCMT120412-MM | 0.96 | 0.72 | 3.60 | 0.29 | 0.14 | 0.43 |
| DCMT070204-MM | 0.60 | 0.19 | 2.25 | 0.11 | 0.06 | 0.17 |
| DCMT070208-MM | 0.60 | 0.38 | 2.25 | 0.15 | 0.08 | 0.23 |
| DCMT11T304-MM | 0.80 | 0.25 | 3.00 | 0.15 | 0.08 | 0.23 |
| DCMT11T308-MM | 0.80 | 0.50 | 3.00 | 0.20 | 0.10 | 0.30 |
| DCMT11T312-MM | 0.80 | 0.60 | 3.00 | 0.24 | 0.12 | 0.36 |
| SCMT09T304-MM | 0.80 | 0.25 | 3.00 | 0.15 | 0.08 | 0.23 |
| SCMT09T308-MM | 0.80 | 0.50 | 3.00 | 0.20 | 0.10 | 0.30 |
| SCMT120404-MM | 0.96 | 0.30 | 3.60 | 0.18 | 0.09 | 0.27 |
| SCMT120408-MM | 0.96 | 0.60 | 3.60 | 0.24 | 0.12 | 0.36 |
| SCMT120412-MM | 0.96 | 0.72 | 3.60 | 0.29 | 0.14 | 0.43 |
| TCMT090204-MM | 0.60 | 0.19 | 2.25 | 0.11 | 0.06 | 0.17 |
| TCMT090208-MM | 0.60 | 0.38 | 2.25 | 0.15 | 0.08 | 0.23 |
| TCMT110304-MM | 0.67 | 0.21 | 2.50 | 0.13 | 0.06 | 0.19 |
| TCMT110308-MM | 0.67 | 0.42 | 2.50 | 0.17 | 0.09 | 0.26 |
| TCMT16T304-MM | 0.80 | 0.25 | 3.00 | 0.15 | 0.08 | 0.23 |
| TCMT16T308-MM | 0.80 | 0.50 | 3.00 | 0.20 | 0.10 | 0.30 |
| TCMT16T312-MM | 0.80 | 0.60 | 3.00 | 0.24 | 0.12 | 0.36 |
| TCMT220408-MM | 0.96 | 0.60 | 3.60 | 0.24 | 0.12 | 0.36 |
| VBMT160404-MM | 0.72 | 0.23 | 2.70 | 0.14 | 0.07 | 0.20 |
| VBMT160408-MM | 0.72 | 0.45 | 2.70 | 0.18 | 0.09 | 0.27 |
| VBMT160412-MM | 0.72 | 0.54 | 2.70 | 0.22 | 0.11 | 0.32 |
| CCMT060204-KM | 0.64 | 0.20 | 2.40 | 0.11 | 0.06 | 0.17 |
| CCMT060208-KM | 0.64 | 0.40 | 2.40 | 0.15 | 0.08 | 0.23 |
| CCMT09T304-KM | 0.64 | 0.25 | 3.00 | 0.15 | 0.08 | 0.23 |
| CCMT09T308-KM | 0.80 | 0.50 | 3.00 | 0.20 | 0.10 | 0.30 |
| CCMT120404-KM | 0.96 | 0.30 | 3.60 | 0.18 | 0.09 | 0.27 |
| CCMT120408-KM | 0.96 | 0.60 | 3.60 | 0.24 | 0.12 | 0.36 |
| DCMT070204-KM | 0.60 | 0.19 | 2.25 | 0.11 | 0.06 | 0.17 |
| DCMT070208-KM | 0.60 | 0.38 | 2.25 | 0.15 | 0.08 | 0.23 |
| DCMT11T304-KM | 0.80 | 0.25 | 3.00 | 0.15 | 0.08 | 0.23 |

| Plaquita | Profundidad recomendada $a_p$ = mm | | | Avance recomendado $f_n$ = mm/r | | |
|---|---|---|---|---|---|---|
| | | Min | Máx. | | Min | Máx. |
| DCMT11T308-KM | 0.80 | 0.50 | 3.00 | 0.20 | 0.10 | 0.30 |
| SCMT09T304-KM | 0.80 | 0.25 | 3.00 | 0.15 | 0.08 | 0.23 |
| SCMT09T308-KM | 0.80 | 0.50 | 3.00 | 0.20 | 0.10 | 0.30 |
| SCMT120408-KM | 0.96 | 0.60 | 3.60 | 0.24 | 0.12 | 0.36 |
| TCMT090204-KM | 0.60 | 0.19 | 2.25 | 0.11 | 0.06 | 0.17 |
| TCMT090208-KM | 0.60 | 0.38 | 2.25 | 0.15 | 0.08 | 0.23 |
| TCMT110304-KM | 0.67 | 0.21 | 2.50 | 0.13 | 0.06 | 0.19 |
| TCMT110308-KM | 0.67 | 0.42 | 2.50 | 0.17 | 0.09 | 0.26 |
| TCMT16T304-KM | 0.80 | 0.25 | 3.00 | 0.15 | 0.08 | 0.23 |
| TCMT16T308-KM | 0.80 | 0.50 | 3.00 | 0.20 | 0.10 | 0.30 |
| TCMT16T312-KM | 0.80 | 0.60 | 3.00 | 0.24 | 0.12 | 0.36 |
| TCMT220408-KM | 0.96 | 0.60 | 3.60 | 0.24 | 0.12 | 0.36 |
| VBMT160404-KM | 0.72 | 0.23 | 2.70 | 0.14 | 0.07 | 0.20 |
| VBMT160408-KM | 0.72 | 0.45 | 2.70 | 0.18 | 0.09 | 0.27 |
| VBMT160412-KM | 0.72 | 0.54 | 2.70 | 0.22 | 0.11 | 0.32 |
| CCET060201-UM | 0.30 | 0.10 | 4.00 | 0.03 | 0.01 | 0.06 |
| CCET060201-UM | 0.30 | 0.10 | 4.00 | 0.03 | 0.01 | 0.08 |
| CCET060202-UM | 0.50 | 0.20 | 4.00 | 0.03 | 0.01 | 0.06 |
| CCET060202-UM | 0.50 | 0.20 | 4.00 | 0.03 | 0.01 | 0.08 |
| CCET060204-UM | 1.00 | 0.50 | 4.00 | 0.03 | 0.01 | 0.06 |
| CCET060204-UM | 1.00 | 0.50 | 4.00 | 0.03 | 0.01 | 0.08 |
| DCET070200-UM | 0.30 | 0.10 | 4.00 | 0.03 | 0.01 | 0.06 |
| DCET070201-UM | 0.30 | 0.10 | 4.00 | 0.03 | 0.01 | 0.06 |
| DCET070201-UM | 0.50 | 0.10 | 4.00 | 0.03 | 0.01 | 0.06 |
| DCET11T301-UM | 0.30 | 0.10 | 4.00 | 0.03 | 0.01 | 0.06 |
| DCET11T302-UM | 0.30 | 0.20 | 4.00 | 0.03 | 0.01 | 0.06 |
| DCET11T304-UM | 1.25 | 0.50 | 4.00 | 0.05 | 0.02 | 0.10 |
| VCET110301-UM | 0.30 | 0.10 | 4.00 | 0.03 | 0.01 | 0.06 |
| VCET110302-UM | 0.50 | 0.20 | 4.00 | 0.03 | 0.02 | 0.08 |
| RCMT0502M0 | 1.00 | 0.50 | 2.00 | 0.112 | 0.032 | 0.158 |
| RCMT0602M0 | 1.50 | 0.50 | 2.40 | 0.15 | 0.038 | 0.173 |
| RCMT0803M0 | 2.00 | 0.80 | 3.20 | 0.20 | 0.051 | 0.253 |
| RCMT10T3M0 | 2.50 | 1.00 | 4.00 | 0.25 | 0.063 | 0.316 |
| RCMT1204M0 | 3.00 | 1.20 | 4.80 | 0.30 | 0.076 | 0.379 |
| RCMT1606M0 | 3.50 | 1.60 | 6.40 | 0.374 | 0.101 | 0.506 |
| RCMT2006M0 | 4.00 | 2.00 | 8.00 | 0.447 | 0.126 | 0.632 |
| RCMT2507M0 | 5.00 | 2.50 | 10.00 | 0.559 | 0.158 | 0.791 |
| RCMT3209M0 | 6.00 | 3.20 | 12.80 | 0.693 | 0.202 | 1.012 |
| RCGX0602M0-AL | 1.00 | 0.60 | 2.40 | 0.245 | 0.126 | 0.379 |
| RCGX1204M0-AL | 2.50 | 1.20 | 4.80 | 0.455 | 0.19 | 0.79 |
| SCGX09T308-AL | 1.50 | 0.50 | 5.00 | 0.30 | 0.15 | 0.60 |
| TCGX06T104-AL | 1.00 | 0.50 | 2.00 | 0.20 | 0.10 | 0.30 |
| TCGX110208-AL | 1.50 | 0.50 | 5.00 | 0.30 | 0.15 | 0.60 |
| TCGX110302-AL | 1.00 | 0.30 | 5.00 | 0.12 | 0.05 | 0.15 |
| TCGX110304-AL | 1.50 | 0.50 | 5.00 | 0.20 | 0.10 | 0.30 |
| TCGX110308-AL | 1.50 | 0.50 | 5.00 | 0.30 | 0.15 | 0.60 |
| VCGX110302-AL | 1.00 | 0.30 | 3.00 | 0.12 | 0.05 | 0.15 |
| VCGX110304-AL | 1.50 | 0.50 | 3.00 | 0.20 | 0.10 | 0.30 |
| VCGX220520-AL | 1.50 | 0.50 | 7.00 | 0.60 | 0.25 | 1.00 |
| VCGX220530-AL | 1.50 | 0.50 | 7.00 | 0.60 | 0.25 | 1.00 |
| CCMT060208-PR | 1.60 | 0.80 | 3.20 | 0.19 | 0.09 | 0.26 |
| CCMT09T308-PR | 2.00 | 1.00 | 4.00 | 0.25 | 0.12 | 0.35 |
| CCMT09T312-PR | 2.00 | 1.20 | 4.00 | 0.30 | 0.14 | 0.42 |
| CCMT120408-PR | 2.40 | 1.20 | 4.80 | 0.30 | 0.14 | 0.42 |
| CCMT120412-PR | 2.40 | 1.44 | 4.80 | 0.36 | 0.17 | 0.50 |
| DCMT11T308-PR | 2.00 | 1.00 | 4.00 | 0.25 | 0.12 | 0.35 |
| DCMT11T312-PR | 2.00 | 1.20 | 4.00 | 0.30 | 0.14 | 0.42 |
| SCMT09T308-PR | 2.00 | 1.00 | 4.00 | 0.25 | 0.12 | 0.35 |
| SCMT09T312-PR | 2.00 | 1.20 | 4.00 | 0.30 | 0.14 | 0.42 |
| SCMT120408-PR | 2.40 | 1.20 | 4.80 | 0.30 | 0.14 | 0.42 |
| SCMT120412-PR | 2.40 | 1.44 | 4.80 | 0.36 | 0.17 | 0.50 |
| TCMT110308-PR | 1.50 | 0.75 | 3.00 | 0.21 | 0.10 | 0.30 |
| TCMT110312-PR | 1.50 | 0.90 | 3.00 | 0.26 | 0.12 | 0.36 |
| TCMT16T308-PR | 2.00 | 1.00 | 4.00 | 0.25 | 0.12 | 0.35 |
| TCMT16T312-PR | 2.00 | 1.20 | 4.00 | 0.30 | 0.14 | 0.42 |
| TCMT220408-PR | 2.40 | 1.20 | 4.80 | 0.30 | 0.14 | 0.42 |
| TCMT220412-PR | 2.40 | 1.44 | 4.80 | 0.36 | 0.17 | 0.50 |
| VBMT160408-PR | 1.80 | 0.90 | 3.60 | 0.23 | 0.11 | 0.32 |
| VBMT160412-PR | 1.80 | 1.08 | 3.60 | 0.27 | 0.13 | 0.38 |
| CCMT060208-MR | 1.60 | 0.80 | 3.20 | 0.19 | 0.09 | 0.26 |
| CCMT09T308-MR | 2.00 | 1.00 | 4.00 | 0.25 | 0.12 | 0.35 |
| CCMT09T312-MR | 2.00 | 1.20 | 4.00 | 0.30 | 0.14 | 0.42 |
| CCMT120408-MR | 2.40 | 1.20 | 4.80 | 0.30 | 0.14 | 0.42 |

# Recomendaciones de profundidad y avances, valores métricos

## CoroTurn® 107, plaquitas de forma básica positiva

| Plaquita | Profundidad recomendada $a_p$ = mm | | | Avance recomendado $f_n$ = mm/r | | |
|---|---|---|---|---|---|---|
| | | Min | Máx. | | Min | Máx. |
| CCMT120412-MR | 2.40 | 1.44 | 4.80 | 0.36 | 0.17 | 0.50 |
| DCMT11T308-MR | 2.00 | 1.00 | 4.00 | 0.25 | 0.12 | 0.35 |
| DCMT11T312-MR | 2.00 | 1.20 | 4.00 | 0.30 | 0.14 | 0.42 |
| SCMT09T308-MR | 2.00 | 1.00 | 4.00 | 0.25 | 0.12 | 0.35 |
| SCMT09T312-MR | 2.00 | 1.20 | 4.00 | 0.30 | 0.14 | 0.42 |
| SCMT120408-MR | 2.40 | 1.20 | 4.80 | 0.30 | 0.14 | 0.42 |
| SCMT120412-MR | 2.40 | 1.44 | 4.80 | 0.36 | 0.17 | 0.50 |
| TCMT110308-MR | 1.50 | 0.75 | 3.00 | 0.21 | 0.10 | 0.30 |
| TCMT16T308-MR | 2.00 | 1.00 | 4.00 | 0.25 | 0.12 | 0.35 |
| TCMT16T312-MR | 2.00 | 1.20 | 4.00 | 0.30 | 0.14 | 0.42 |
| TCMT220408-MR | 2.40 | 1.20 | 4.80 | 0.30 | 0.14 | 0.42 |
| TCMT220412-MR | 2.40 | 1.44 | 4.80 | 0.36 | 0.17 | 0.50 |
| VBMT160408-MR | 1.80 | 0.90 | 3.60 | 0.23 | 0.11 | 0.32 |
| VBMT160412-MR | 1.80 | 1.00 | 3.60 | 0.27 | 0.13 | 0.38 |
| CCMT060208-KR | 1.60 | 0.80 | 3.20 | 0.19 | 0.09 | 0.26 |
| CCMT09T308-KR | 2.00 | 1.00 | 4.00 | 0.25 | 0.12 | 0.35 |
| CCMT09T312-KR | 2.00 | 1.20 | 4.00 | 0.30 | 0.14 | 0.42 |
| CCMT120408-KR | 2.40 | 1.20 | 4.80 | 0.30 | 0.14 | 0.42 |
| CCMT120412-KR | 2.40 | 1.44 | 4.80 | 0.36 | 0.17 | 0.50 |
| DCMT11T308-KR | 2.00 | 1.00 | 4.00 | 0.25 | 0.12 | 0.35 |
| DCMT11T312-KR | 2.00 | 1.20 | 4.00 | 0.30 | 0.14 | 0.42 |
| SCMT09T308-KR | 2.00 | 1.00 | 4.00 | 0.25 | 0.12 | 0.35 |
| SCMT09T312-KR | 2.00 | 1.20 | 4.00 | 0.30 | 0.14 | 0.42 |
| SCMT120408-KR | 2.40 | 1.20 | 4.80 | 0.30 | 0.14 | 0.42 |
| SCMT120412-KR | 2.40 | 1.44 | 4.80 | 0.36 | 0.17 | 0.50 |
| TCMT110308-KR | 1.50 | 0.75 | 3.00 | 0.21 | 0.10 | 0.30 |
| TCMT110312-KR | 1.50 | 0.90 | 3.00 | 0.26 | 0.12 | 0.36 |
| TCMT16T308-KR | 2.00 | 1.00 | 4.00 | 0.25 | 0.12 | 0.35 |
| TCMT16T312-KR | 2.00 | 1.20 | 4.00 | 0.30 | 0.14 | 0.42 |
| TCMT220408-KR | 2.40 | 1.20 | 4.80 | 0.30 | 0.14 | 0.42 |
| TCMT220412-KR | 2.40 | 1.44 | 4.80 | 0.36 | 0.17 | 0.50 |
| VBMT160408-KR | 1.80 | 0.90 | 3.60 | 0.23 | 0.11 | 0.32 |
| VBMT160412-KR | 1.80 | 1.08 | 3.60 | 0.27 | 0.13 | 0.38 |

# Recomendaciones de profundidad y avances, valores métricos

## CoroTurn® 111, plaquitas de forma básica positiva

| Plaquita | Profundidad recomendada $a_p$ = mm | | | Avance recomendado $f_n$ = mm/r | | |
|---|---|---|---|---|---|---|
| | | Min | Máx. | | Min | Máx. |
| CPMT060202-PF | 0.30 | 0.07 | 1.50 | 0.06 | 0.03 | 0.12 |
| CPMT060204-PF | 0.30 | 0.10 | 1.50 | 0.09 | 0.04 | 0.18 |
| CPMT09T302-PF | 0.35 | 0.11 | 2.00 | 0.11 | 0.06 | 0.23 |
| CPMT09T304-PF | 0.35 | 0.11 | 2.00 | 0.11 | 0.06 | 0.23 |
| CPMT09T308-PF | 0.35 | 0.15 | 2.00 | 0.15 | 0.08 | 0.30 |
| DPMT070202-PF | 0.26 | 0.06 | 1.32 | 0.06 | 0.03 | 0.12 |
| DPMT070204-PF | 0.26 | 0.09 | 1.32 | 0.09 | 0.04 | 0.18 |
| TPMT06T102-PF | 0.26 | 0.06 | 1.32 | 0.06 | 0.03 | 0.12 |
| TPMT06T104-PF | 0.26 | 0.09 | 1.32 | 0.09 | 0.04 | 0.18 |
| TPMT090202-PF | 0.30 | 0.07 | 1.50 | 0.07 | 0.03 | 0.13 |
| TPMT090204-PF | 0.30 | 0.10 | 1.50 | 0.10 | 0.05 | 0.20 |
| TPMT110302-PF | 0.30 | 0.07 | 1.50 | 0.07 | 0.03 | 0.13 |
| TPMT110304-PF | 0.30 | 0.10 | 1.50 | 0.10 | 0.05 | 0.20 |
| TPMT16T304-PF | 0.35 | 0.12 | 1.77 | 0.12 | 0.06 | 0.24 |
| VCMT110302-PF | 0.30 | 0.07 | 1.50 | 0.07 | 0.03 | 0.13 |
| VCMT110304-PF | 0.30 | 0.10 | 1.50 | 0.10 | 0.05 | 0.20 |
| WPMT020102-PF | 0.18 | 0.04 | 0.89 | 0.03 | 0.02 | 0.07 |
| WPMT020104-PF | 0.18 | 0.06 | 0.89 | 0.05 | 0.03 | 0.10 |
| WPMT040202-PF | 0.26 | 0.06 | 1.32 | 0.05 | 0.02 | 0.10 |
| WPMT040204-PF | 0.26 | 0.09 | 1.32 | 0.08 | 0.04 | 0.15 |
| CPMT060202-MF | 0.30 | 0.07 | 1.50 | 0.06 | 0.03 | 0.12 |
| CPMT060204-MF | 0.30 | 0.10 | 1.50 | 0.09 | 0.04 | 0.18 |
| CPMT09T302-MF | 0.35 | 0.08 | 2.00 | 0.08 | 0.04 | 0.15 |
| CPMT09T304-MF | 0.35 | 0.12 | 1.77 | 0.12 | 0.06 | 0.24 |
| CPMT09T308-MF | 0.35 | 0.12 | 1.77 | 0.18 | 0.09 | 0.36 |
| DPMT070202-MF | 0.26 | 0.06 | 1.32 | 0.06 | 0.03 | 0.12 |
| DPMT070204-MF | 0.26 | 0.09 | 1.32 | 0.09 | 0.04 | 0.18 |
| TPMT06T102-MF | 0.26 | 0.06 | 1.32 | 0.06 | 0.03 | 0.12 |
| TPMT06T104-MF | 0.26 | 0.09 | 1.32 | 0.09 | 0.04 | 0.18 |
| TPMT090202-MF | 0.30 | 0.07 | 1.50 | 0.07 | 0.03 | 0.13 |
| TPMT090204-MF | 0.30 | 0.10 | 1.50 | 0.10 | 0.05 | 0.20 |
| TPMT110302-MF | 0.30 | 0.07 | 1.50 | 0.07 | 0.03 | 0.13 |
| TPMT110304-MF | 0.30 | 0.10 | 1.50 | 0.10 | 0.05 | 0.20 |
| TPMT16T304-MF | 0.35 | 0.12 | 1.77 | 0.12 | 0.06 | 0.24 |
| VCMT110302-MF | 0.30 | 0.07 | 1.50 | 0.07 | 0.03 | 0.13 |
| VCMT110304-MF | 0.30 | 0.10 | 1.50 | 0.10 | 0.05 | 0.20 |
| WPMT020102-MF | 0.18 | 0.04 | 0.89 | 0.03 | 0.02 | 0.07 |
| WPMT020104-MF | 0.18 | 0.06 | 0.89 | 0.05 | 0.03 | 0.10 |
| WPMT040202-MF | 0.26 | 0.06 | 1.32 | 0.05 | 0.02 | 0.10 |
| WPMT040204-MF | 0.26 | 0.09 | 1.32 | 0.08 | 0.04 | 0.15 |
| CPMT060204-KF | 0.30 | 0.10 | 1.50 | 0.09 | 0.04 | 0.18 |
| DPMT070204-KF | 0.26 | 0.09 | 1.32 | 0.09 | 0.04 | 0.18 |
| TPMT06T104-KF | 0.26 | 0.09 | 1.32 | 0.09 | 0.04 | 0.18 |
| TPMT090204-KF | 0.30 | 0.10 | 1.50 | 0.10 | 0.05 | 0.20 |
| TPMT110304-KF | 0.30 | 0.10 | 1.50 | 0.10 | 0.05 | 0.20 |
| TPMT16T304-KF | 0.35 | 0.12 | 1.77 | 0.12 | 0.06 | 0.24 |
| VCMT110304-KF | 0.30 | 0.10 | 1.50 | 0.10 | 0.05 | 0.20 |
| WPMT040204-KF | 0.26 | 0.09 | 1.32 | 0.08 | 0.04 | 0.15 |
| CPMT060204-PM | 0.72 | 0.29 | 2.40 | 0.13 | 0.09 | 0.22 |
| CPMT060208-PM | 0.72 | 0.58 | 2.40 | 0.18 | 0.12 | 0.29 |
| CPMT09T304-PM | 0.64 | 0.25 | 3.00 | 0.15 | 0.08 | 0.23 |
| CPMT09T308-PM | 0.80 | 0.50 | 3.00 | 0.20 | 0.10 | 0.30 |
| DPMT070204-PM | 0.68 | 0.27 | 2.25 | 0.13 | 0.09 | 0.22 |
| DPMT070208-PM | 0.68 | 0.54 | 2.25 | 0.18 | 0.12 | 0.29 |
| DPMT11T304-PM | 0.90 | 0.36 | 3.00 | 0.18 | 0.12 | 0.30 |
| DPMT11T308-PM | 0.90 | 0.72 | 3.00 | 0.24 | 0.16 | 0.39 |
| TPMT090204-PM | 0.68 | 0.27 | 2.25 | 0.13 | 0.09 | 0.22 |
| TPMT090208-PM | 0.68 | 0.54 | 2.25 | 0.18 | 0.12 | 0.29 |
| TPMT110304-PM | 0.75 | 0.30 | 2.50 | 0.15 | 0.10 | 0.25 |
| TPMT110308-PM | 0.75 | 0.60 | 2.50 | 0.20 | 0.13 | 0.33 |
| TPMT16T304-PM | 0.90 | 0.36 | 3.00 | 0.18 | 0.12 | 0.30 |
| TPMT16T308-PM | 0.90 | 0.72 | 3.00 | 0.24 | 0.16 | 0.39 |
| VCMT110304-PM | 0.77 | 0.31 | 2.55 | 0.15 | 0.10 | 0.25 |
| VCMT110308-PM | 0.77 | 0.61 | 2.55 | 0.20 | 0.13 | 0.33 |
| WPMT040204-PM | 0.68 | 0.27 | 2.25 | 0.13 | 0.09 | 0.22 |
| WPMT040208-PM | 0.68 | 0.54 | 2.25 | 0.18 | 0.12 | 0.29 |
| CPMT060204-MM | 0.72 | 0.29 | 2.40 | 0.13 | 0.09 | 0.22 |
| CPMT060208-MM | 0.72 | 0.58 | 2.40 | 0.18 | 0.12 | 0.29 |
| CPMT09T304-MM | 0.90 | 0.36 | 3.00 | 0.18 | 0.12 | 0.30 |
| CPMT09T308-MM | 0.90 | 0.72 | 3.00 | 0.24 | 0.16 | 0.39 |
| DPMT070204-MM | 0.68 | 0.27 | 2.25 | 0.13 | 0.09 | 0.22 |
| DPMT070208-MM | 0.68 | 0.54 | 2.25 | 0.18 | 0.12 | 0.29 |
| DPMT11T304-MM | 0.90 | 0.36 | 3.00 | 0.18 | 0.12 | 0.30 |

| Plaquita | Profundidad recomendada $a_p$ = mm | | | Avance recomendado $f_n$ = mm/r | | |
|---|---|---|---|---|---|---|
| | | Min | Máx. | | Min | Máx. |
| DPMT11T308-MM | 0.90 | 0.72 | 3.00 | 0.24 | 0.16 | 0.39 |
| TPMT090204-MM | 0.68 | 0.27 | 2.25 | 0.13 | 0.09 | 0.22 |
| TPMT110304-MM | 0.75 | 0.30 | 2.50 | 0.15 | 0.10 | 0.25 |
| TPMT110308-MM | 0.75 | 0.60 | 2.50 | 0.20 | 0.13 | 0.33 |
| TPMT16T304-MM | 0.90 | 0.36 | 3.00 | 0.18 | 0.12 | 0.30 |
| TPMT16T308-MM | 0.90 | 0.72 | 3.00 | 0.24 | 0.16 | 0.39 |
| VCMT110304-MM | 0.77 | 0.31 | 2.55 | 0.15 | 0.10 | 0.25 |
| VCMT110308-MM | 0.77 | 0.61 | 2.55 | 0.20 | 0.13 | 0.33 |
| WPMT040204-MM | 0.68 | 0.27 | 2.25 | 0.13 | 0.09 | 0.22 |
| WPMT040208-MM | 0.68 | 0.54 | 2.25 | 0.18 | 0.12 | 0.29 |
| CPMT060204-KM | 0.72 | 0.29 | 2.40 | 0.13 | 0.09 | 0.22 |
| CPMT060208-KM | 0.72 | 0.58 | 2.40 | 0.18 | 0.12 | 0.29 |
| DPMT070204-KM | 0.68 | 0.27 | 2.25 | 0.13 | 0.09 | 0.22 |
| DPMT070208-KM | 0.68 | 0.54 | 2.25 | 0.18 | 0.12 | 0.29 |
| DPMT11T304-KM | 0.90 | 0.36 | 3.00 | 0.18 | 0.12 | 0.30 |
| DPMT11T308-KM | 0.90 | 0.72 | 3.00 | 0.24 | 0.16 | 0.39 |
| TPMT090204-KM | 0.68 | 0.27 | 2.25 | 0.13 | 0.09 | 0.22 |
| TPMT090208-KM | 0.68 | 0.54 | 2.25 | 0.18 | 0.12 | 0.29 |
| TPMT110308-KM | 0.75 | 0.60 | 2.50 | 0.20 | 0.13 | 0.33 |
| TPMT16T308-KM | 0.90 | 0.72 | 3.00 | 0.24 | 0.16 | 0.39 |
| TPMT16T312-KM | 0.90 | 0.86 | 3.00 | 0.28 | 0.19 | 0.47 |
| VCMT110308-KM | 0.77 | 0.61 | 2.55 | 0.20 | 0.13 | 0.33 |
| | | | | | | |
| **CoroTurn® TR** | | | | | | |
| TR-DC1304-F | 1.00 | 0.15 | 3.00 | 0.20 | 0.08 | 0.30 |
| TR-DC1308-F | 1.00 | 0.15 | 3.00 | 0.24 | 0.10 | 0.40 |
| TR-DC1308-M | 2.00 | 0.50 | 5.00 | 0.25 | 0.10 | 0.40 |
| TR-DC1312-M | 2.00 | 0.50 | 5.00 | 0.30 | 0.15 | 0.50 |
| TR-VB1302-F | 0.30 | 0.05 | 1.00 | 0.07 | 0.03 | 0.13 |
| TR-VB1304-F | 0.80 | 0.10 | 2.00 | 0.15 | 0.06 | 0.35 |
| TR-VB1308-F | 0.80 | 0.10 | 2.00 | 0.20 | 0.09 | 0.40 |
| TR-VB1312-F | 0.80 | 0.10 | 2.00 | 0.20 | 0.09 | 0.40 |

# Recomendaciones de profundidad y avances, valores métricos

## T-Max® P, plaquitas de forma básica negativa

| Plaquita | Profundidad recomendada $a_p$ = pulgadas | | | Avance recomendado $f_n$ = pulgadas/r | | |
|---|---|---|---|---|---|---|
| | | Min | Máx. | | Min | Máx. |
| CNMG321-WF | .02 | .012 | .059 | .006 | .002 | .01 |
| CNMG322-WF | .039 | .012 | .079 | .012 | .004 | .02 |
| CNMG431-WF | .016 | .01 | .118 | .006 | .002 | .01 |
| CNMG432-WF | .039 | .01 | .157 | .012 | .004 | .02 |
| CNMG433-WF | .059 | .016 | .157 | .02 | .008 | .024 |
| DNMX331-WF | .039 | .008 | .059 | .008 | .003 | .012 |
| DNMX332-WF | .039 | .008 | .118 | .012 | .004 | .016 |
| DNMX431-WF | .031 | .008 | .118 | .008 | .003 | .012 |
| DNMX432-WF | .059 | .008 | .118 | .012 | .004 | .016 |
| DNMX433-WF | .059 | .016 | .138 | .016 | .006 | .022 |
| DNMX441-WF | .031 | .008 | .118 | .008 | .003 | .012 |
| DNMX442-WF | .059 | .008 | .118 | .012 | .004 | .016 |
| DNMX443-WF | .059 | .016 | .138 | .016 | .006 | .022 |
| TNMX331-WF | .039 | .008 | .118 | .008 | .003 | .012 |
| TNMX332-WF | .059 | .008 | .118 | .012 | .004 | .016 |
| WNMG331-WF | .016 | .01 | .079 | .006 | .002 | .01 |
| WNMG332-WF | .039 | .01 | .118 | .012 | .004 | .02 |
| WNMG431-WF | .016 | .01 | .118 | .006 | .002 | .01 |
| WNMG432-WF | .039 | .01 | .157 | .012 | .004 | .02 |
| WNMG433-WF | .059 | .016 | .157 | .02 | .008 | .024 |
| CNMG321-PF | .016 | .01 | .059 | .006 | .003 | .012 |
| CNMG322-PF | .016 | .012 | .059 | .006 | .004 | .012 |
| CNMG431-PF | .016 | .01 | .059 | .006 | .003 | .012 |
| CNMG432-PF | .016 | .012 | .059 | .008 | .004 | .016 |
| CNMG433-PF | .031 | .014 | .059 | .01 | .006 | .02 |
| DNMG331-PF | .016 | .01 | .059 | .006 | .003 | .012 |
| DNMG332-PF | .016 | .012 | .059 | .008 | .004 | .016 |
| DNMG333-PF | .031 | .014 | .059 | .01 | .006 | .02 |
| DNMG431-PF | .016 | .01 | .059 | .006 | .003 | .012 |
| DNMG432-PF | .016 | .012 | .059 | .008 | .004 | .016 |
| DNMG433-PF | .031 | .014 | .059 | .01 | .006 | .02 |
| DNMG441-PF | .016 | .01 | .059 | .006 | .003 | .012 |
| DNMG442-PF | .016 | .012 | .059 | .008 | .004 | .016 |
| DNMG443-PF | .031 | .014 | .059 | .01 | .006 | .02 |
| SNMG432-PF | .016 | .012 | .059 | .008 | .004 | .016 |
| SNMG433-PF | .031 | .014 | .059 | .01 | .006 | .02 |
| TNMG331-PF | .016 | .01 | .059 | .006 | .003 | .012 |
| TNMG332-PF | .016 | .012 | .059 | .008 | .004 | .016 |
| TNMG333-PF | .031 | .014 | .059 | .01 | .006 | .02 |
| TNMG432-PF | .016 | .012 | .059 | .008 | .004 | .016 |
| TNMG433-PF | .031 | .014 | .059 | .01 | .006 | .02 |
| VNMG331-PF | .016 | .01 | .059 | .006 | .003 | .012 |
| VNMG332-PF | .016 | .012 | .059 | .008 | .004 | .016 |
| WNMG331-PF | .016 | .01 | .059 | .006 | .003 | .012 |
| WNMG332-PF | .016 | .012 | .059 | .008 | .004 | .016 |
| WNMG333-PF | .031 | .016 | .059 | .01 | .006 | .02 |
| WNMG431-PF | .016 | .01 | .059 | .006 | .003 | .012 |
| WNMG432-PF | .016 | .012 | .059 | .008 | .004 | .016 |
| WNMG433-PF | .031 | .016 | .059 | .01 | .006 | .02 |
| CNMG431-MF | .016 | .004 | .059 | .006 | .002 | .012 |
| CNMG432-MF | .016 | .004 | .059 | .008 | .004 | .016 |
| CNMG433-MF | .031 | .008 | .098 | .01 | .006 | .02 |
| DNMG331-MF | .016 | .004 | .059 | .006 | .002 | .012 |
| DNMG332-MF | .016 | .004 | .059 | .008 | .004 | .016 |
| DNMG431-MF | .016 | .004 | .059 | .006 | .002 | .012 |
| DNMG432-MF | .016 | .004 | .059 | .008 | .004 | .016 |
| DNMG433-MF | .031 | .008 | .098 | .01 | .006 | .02 |
| DNMG441-MF | .016 | .004 | .059 | .006 | .002 | .012 |
| DNMG442-MF | .016 | .004 | .059 | .008 | .004 | .016 |
| DNMG443-MF | .031 | .008 | .098 | .01 | .006 | .02 |
| SNMG431-MF | .016 | .004 | .059 | .006 | .002 | .012 |
| SNMG432-MF | .016 | .004 | .059 | .008 | .004 | .016 |
| TNMG331-MF | .016 | .004 | .059 | .006 | .002 | .012 |
| TNMG332-MF | .016 | .004 | .059 | .008 | .004 | .016 |
| TNMG333-MF | .031 | .008 | .098 | .01 | .006 | .02 |
| VNMG331-MF | .016 | .004 | .059 | .006 | .002 | .012 |
| VNMG332-MF | .031 | .008 | .098 | .006 | .003 | .012 |
| WNMG331-MF | .016 | .004 | .059 | .006 | .002 | .012 |
| WNMG332-MF | .016 | .004 | .059 | .008 | .004 | .016 |
| WNMG431-MF | .016 | .004 | .059 | .006 | .002 | .012 |
| WNMG432-MF | .016 | .004 | .059 | .008 | .004 | .016 |
| CNMG431-KF | .02 | .006 | .079 | .006 | .003 | .01 |
| CNMG432-KF | .02 | .006 | .079 | .008 | .004 | .012 |

| Plaquita | Profundidad recomendada $a_p$ = pulgadas | | | Avance recomendado $f_n$ = pulgadas/r | | |
|---|---|---|---|---|---|---|
| | | Min | Máx. | | Min | Máx. |
| CNMG433-KF | .039 | .008 | .098 | .01 | .004 | .014 |
| DNMG331-KF | .02 | .006 | .079 | .006 | .003 | .01 |
| DNMG332-KF | .02 | .006 | .079 | .008 | .004 | .012 |
| DNMG431-KF | .02 | .006 | .079 | .006 | .003 | .01 |
| DNMG432-KF | .02 | .006 | .079 | .008 | .004 | .012 |
| DNMG433-KF | .039 | .008 | .098 | .01 | .004 | .014 |
| DNMG441-KF | .02 | .006 | .079 | .006 | .003 | .01 |
| DNMG442-KF | .02 | .006 | .079 | .008 | .004 | .012 |
| DNMG443-KF | .039 | .008 | .098 | .01 | .004 | .014 |
| TNMG331-KF | .02 | .006 | .079 | .006 | .003 | .01 |
| TNMG332-KF | .02 | .006 | .079 | .008 | .004 | .012 |
| WNMG331-KF | .02 | .006 | .079 | .006 | .003 | .01 |
| WNMG332-KF | .02 | .006 | .079 | .008 | .004 | .012 |
| WNMG431-KF | .02 | .006 | .079 | .006 | .003 | .01 |
| WNMG432-KF | .02 | .006 | .079 | .008 | .004 | .012 |
| WNMG433-KF | .039 | .008 | .098 | .01 | .004 | .014 |
| CNMG432-WMX | .118 | .02 | .197 | .018 | .006 | .028 |
| CNMG433-WMX | .138 | .031 | .236 | .02 | .008 | .03 |
| CNMG542-WMX | .118 | .02 | .197 | .018 | .006 | .028 |
| CNMG543-WMX | .138 | .031 | .236 | .02 | .008 | .03 |
| DNMX432-WMX | .118 | .02 | .197 | .018 | .006 | .028 |
| DNMX433-WMX | .138 | .031 | .236 | .02 | .008 | .03 |
| DNMX434-WMX | .138 | .02 | .236 | .02 | .008 | .031 |
| DNMX442-WMX | .118 | .02 | .197 | .018 | .006 | .028 |
| DNMX443-WMX | .138 | .031 | .236 | .02 | .008 | .03 |
| DNMX444-WMX | .138 | .02 | .236 | .02 | .008 | .031 |
| TNMX332-WMX | .118 | .02 | .197 | .018 | .006 | .028 |
| TNMX333-WMX | .138 | .031 | .236 | .02 | .008 | .03 |
| WNMG332-WMX | .118 | .02 | .197 | .018 | .006 | .028 |
| WNMG333-WMX | .138 | .031 | .236 | .02 | .008 | .03 |
| WNMG432-WMX | .118 | .02 | .197 | .018 | .006 | .028 |
| WNMG433-WMX | .138 | .031 | .236 | .02 | .008 | .03 |
| CNMG321-PM | .079 | .016 | .157 | .008 | .004 | .012 |
| CNMG322-PM | .079 | .02 | .157 | .012 | .006 | .02 |
| CNMG431-PM | .118 | .016 | .217 | .008 | .004 | .012 |
| CNMG432-PM | .118 | .02 | .217 | .012 | .006 | .02 |
| CNMG433-PM | .118 | .031 | .217 | .014 | .007 | .024 |
| CNMG434-PM | .118 | .039 | .217 | .016 | .009 | .026 |
| CNMG542-PM | .157 | .02 | .283 | .012 | .006 | .02 |
| CNMG543-PM | .157 | .031 | .283 | .014 | .007 | .024 |
| CNMG544-PM | .157 | .039 | .283 | .016 | .009 | .026 |
| CNMG642-PM | .157 | .02 | .339 | .012 | .006 | .02 |
| CNMG643-PM | .157 | .031 | .339 | .014 | .007 | .024 |
| CNMG644-PM | .157 | .039 | .339 | .016 | .009 | .026 |
| DNMG331-PM | .079 | .016 | .197 | .008 | .004 | .012 |
| DNMG332-PM | .079 | .02 | .197 | .012 | .006 | .02 |
| DNMG333-PM | .079 | .031 | .197 | .014 | .007 | .02 |
| DNMG431-PM | .118 | .016 | .236 | .008 | .004 | .012 |
| DNMG432-PM | .118 | .02 | .236 | .012 | .006 | .02 |
| DNMG433-PM | .118 | .031 | .236 | .014 | .007 | .024 |
| DNMG441-PM | .118 | .016 | .236 | .008 | .004 | .012 |
| DNMG442-PM | .118 | .02 | .236 | .012 | .006 | .02 |
| DNMG443-PM | .118 | .031 | .236 | .014 | .007 | .024 |
| DNMG444-PM | .118 | .039 | .236 | .016 | .009 | .026 |
| SNMG321-PM | .079 | .016 | .177 | .008 | .004 | .012 |
| SNMG322-PM | .079 | .02 | .177 | .012 | .006 | .02 |
| SNMG431-PM | .118 | .016 | .236 | .008 | .004 | .012 |
| SNMG432-PM | .118 | .02 | .236 | .012 | .006 | .02 |
| SNMG433-PM | .118 | .031 | .236 | .014 | .007 | .024 |
| SNMG434-PM | .118 | .039 | .236 | .016 | .009 | .026 |
| SNMG543-PM | .157 | .031 | .295 | .014 | .007 | .024 |
| SNMG544-PM | .157 | .039 | .295 | .016 | .009 | .026 |
| TNMG331-PM | .118 | .016 | .197 | .008 | .004 | .012 |
| TNMG332-PM | .118 | .02 | .197 | .012 | .006 | .02 |
| TNMG333-PM | .118 | .031 | .197 | .014 | .007 | .024 |
| TNMG431-PM | .157 | .016 | .26 | .008 | .004 | .012 |
| TNMG432-PM | .157 | .02 | .26 | .012 | .006 | .02 |
| TNMG433-PM | .157 | .031 | .26 | .014 | .007 | .024 |
| TNMG434-PM | .157 | .039 | .26 | .016 | .009 | .026 |
| VNMG332-PM | .079 | .02 | .157 | .012 | .006 | .02 |
| VNMG333-PM | .079 | .031 | .157 | .014 | .007 | .024 |
| WNMG332-PM | .079 | .02 | .118 | .012 | .006 | .02 |
| WNMG333-PM | .079 | .031 | .118 | .014 | .007 | .024 |

# Recomendaciones de profundidad y avances, valores métricos

## T-Max® P, plaquitas de forma básica negativa

| Plaquita | Profundidad recomendada $a_p$ = pulgadas | | | Avance recomendado $f_n$ = pulgadas/r | | |
|---|---|---|---|---|---|---|
| | | Min | Máx. | | Min | Máx. |
| WNMG333-PM | .079 | .031 | .118 | .014 | .007 | .024 |
| WNMG432-PM | .098 | .02 | .157 | .012 | .006 | .02 |
| WNMG433-PM | .098 | .031 | .157 | .014 | .007 | .024 |
| WNMG434-PM | .118 | .039 | .157 | .016 | .009 | .026 |
| CNMG432-MM | .118 | .02 | .224 | .01 | .004 | .018 |
| CNMG433-MM | .118 | .02 | .224 | .012 | .004 | .024 |
| CNMG434-MM | .118 | .02 | .224 | .015 | .004 | .026 |
| CNMG542-MM | .157 | .02 | .283 | .01 | .004 | .018 |
| CNMG543-MM | .157 | .02 | .283 | .012 | .004 | .024 |
| CNMG544-MM | .157 | .02 | .283 | .015 | .004 | .026 |
| CNMG642-MM | .157 | .02 | .335 | .01 | .004 | .018 |
| CNMG643-MM | .157 | .02 | .335 | .012 | .004 | .024 |
| CNMG644-MM | .157 | .02 | .335 | .015 | .004 | .026 |
| DNMG332-MM | .079 | .02 | .173 | .01 | .004 | .018 |
| DNMG333-MM | .079 | .02 | .173 | .012 | .004 | .024 |
| DNMG432-MM | .118 | .02 | .252 | .01 | .004 | .018 |
| DNMG433-MM | .118 | .02 | .252 | .012 | .004 | .024 |
| DNMG442-MM | .118 | .02 | .252 | .01 | .004 | .018 |
| DNMG443-MM | .118 | .02 | .252 | .012 | .004 | .024 |
| SNMG432-MM | .118 | .02 | .25 | .01 | .004 | .018 |
| SNMG433-MM | .118 | .02 | .25 | .012 | .004 | .024 |
| SNMG434-MM | .118 | .02 | .25 | .015 | .004 | .026 |
| SNMG543-MM | .157 | .02 | .315 | .012 | .004 | .024 |
| SNMG544-MM | .157 | .02 | .315 | .015 | .004 | .026 |
| SNMG643-MM | .157 | .02 | .374 | .012 | .004 | .024 |
| SNMG644-MM | .157 | .02 | .374 | .015 | .004 | .026 |
| TNMG332-MM | .118 | .02 | .189 | .01 | .004 | .018 |
| TNMG333-MM | .118 | .02 | .189 | .012 | .004 | .024 |
| TNMG432-MM | .157 | .02 | .26 | .01 | .004 | .018 |
| TNMG433-MM | .157 | .02 | .26 | .012 | .004 | .024 |
| TNMG434-MM | .157 | .02 | .26 | .015 | .004 | .026 |
| VNMG332-MM | .079 | .02 | .157 | .01 | .004 | .018 |
| WNMG332-MM | .079 | .02 | .118 | .01 | .004 | .018 |
| WNMG333-MM | .079 | .02 | .118 | .012 | .004 | .024 |
| WNMG432-MM | .098 | .02 | .157 | .01 | .004 | .018 |
| WNMG433-MM | .098 | .02 | .157 | .012 | .004 | .024 |
| CNMG432-KM | .118 | .008 | .236 | .014 | .006 | .02 |
| CNMG433-KM | .118 | .012 | .236 | .016 | .006 | .024 |
| CNMG434-KM | .118 | .012 | .236 | .018 | .008 | .028 |
| CNMG542-KM | .157 | .008 | .315 | .014 | .006 | .02 |
| CNMG543-KM | .157 | .012 | .315 | .016 | .006 | .024 |
| CNMG544-KM | .157 | .012 | .315 | .018 | .008 | .028 |
| CNMG643-KM | .177 | .012 | .354 | .016 | .006 | .024 |
| CNMG644-KM | .177 | .012 | .354 | .018 | .008 | .028 |
| DNMG332-KM | .079 | .008 | .138 | .014 | .006 | .02 |
| DNMG333-KM | .079 | .012 | .138 | .016 | .006 | .024 |
| DNMG432-KM | .098 | .008 | .197 | .014 | .006 | .02 |
| DNMG433-KM | .098 | .012 | .197 | .016 | .006 | .024 |
| DNMG442-KM | .098 | .008 | .197 | .014 | .006 | .02 |
| DNMG443-KM | .098 | .012 | .197 | .016 | .006 | .024 |
| SNMG322-KM | .098 | .008 | .177 | .014 | .006 | .02 |
| SNMG432-KM | .118 | .008 | .236 | .014 | .006 | .02 |
| SNMG433-KM | .118 | .012 | .236 | .016 | .006 | .024 |
| SNMG434-KM | .118 | .012 | .236 | .018 | .008 | .028 |
| SNMG543-KM | .157 | .012 | .315 | .016 | .006 | .024 |
| SNMG544-KM | .157 | .012 | .315 | .018 | .008 | .028 |
| SNMG643-KM | .177 | .012 | .354 | .016 | .006 | .024 |
| SNMG644-KM | .177 | .012 | .354 | .018 | .008 | .028 |
| TNMG332-KM | .118 | .008 | .217 | .014 | .006 | .02 |
| TNMG333-KM | .118 | .012 | .217 | .016 | .006 | .024 |
| TNMG432-KM | .157 | .008 | .315 | .014 | .006 | .02 |
| TNMG433-KM | .157 | .012 | .315 | .016 | .006 | .024 |
| TNMG434-KM | .157 | .012 | .315 | .018 | .008 | .028 |
| VNMG332-KM | .079 | .008 | .138 | .012 | .006 | .016 |
| VNMG333-KM | .079 | .012 | .138 | .014 | .006 | .02 |
| WNMG332-KM | .079 | .008 | .157 | .014 | .006 | .02 |
| WNMG333-KM | .079 | .012 | .157 | .016 | .006 | .024 |
| WNMG432-KM | .098 | .008 | .197 | .014 | .006 | .02 |
| WNMG433-KM | .098 | .012 | .197 | .016 | .006 | .024 |
| WNMG434-KM | .098 | .012 | .197 | .018 | .008 | .028 |
| CNMG543-HM | .157 | .039 | .315 | .02 | .01 | .031 |
| CNMG544-HM | .157 | .059 | .315 | .024 | .012 | .035 |
| CNMG643-HM | .157 | .039 | .394 | .02 | .01 | .031 |

| Plaquita | Profundidad recomendada $a_p$ = pulgadas | | | Avance recomendado $f_n$ = pulgadas/r | | |
|---|---|---|---|---|---|---|
| | | Min | Máx. | | Min | Máx. |
| CNMG644-HM | .157 | .059 | .394 | .024 | .012 | .035 |
| CNMG646-HM | .197 | .079 | .394 | .024 | .012 | .047 |
| SNMG543-HM | .157 | .039 | .315 | .02 | .01 | .031 |
| SNMG544-HM | .157 | .059 | .315 | .024 | .012 | .035 |
| SNMG643-HM | .157 | .039 | .394 | .02 | .01 | .031 |
| SNMG644-HM | .157 | .059 | .394 | .024 | .012 | .035 |
| SNMG656-HM | .197 | .079 | .394 | .024 | .012 | .047 |
| SNMG866-HM | .236 | .079 | .591 | .031 | .016 | .047 |
| TNMG543-HM | .236 | .079 | .472 | .024 | .014 | .03 |
| TNMG544-HM | .236 | .079 | .472 | .024 | .014 | .03 |
| TNMG666-HM | .276 | .118 | .591 | .024 | .018 | .035 |
| CNMM432-WR | .098 | .031 | .197 | .024 | .012 | .031 |
| CNMM433-WR | .098 | .039 | .197 | .031 | .016 | .043 |
| CNMM434-WR | .098 | .047 | .197 | .031 | .017 | .047 |
| CNMM543-WR | .118 | .047 | .236 | .031 | .017 | .047 |
| CNMM544-WR | .118 | .055 | .236 | .035 | .018 | .051 |
| CNMM644-WR | .13 | .063 | .264 | .039 | .019 | .051 |
| TNMX433-WR | .098 | .039 | .197 | .031 | .016 | .043 |
| TNMX434-WR | .098 | .047 | .197 | .035 | .017 | .047 |
| CNMM432-PR | .197 | .028 | .295 | .016 | .008 | .022 |
| CNMM433-PR | .197 | .039 | .295 | .02 | .01 | .028 |
| CNMM434-PR | .197 | .059 | .295 | .022 | .013 | .035 |
| CNMM542-PR | .236 | .028 | .374 | .016 | .008 | .022 |
| CNMM543-PR | .236 | .039 | .374 | .02 | .01 | .028 |
| CNMM544-PR | .236 | .059 | .374 | .022 | .013 | .035 |
| CNMM643-PR | .236 | .039 | .472 | .02 | .01 | .028 |
| CNMM644-PR | .236 | .059 | .472 | .022 | .013 | .035 |
| CNMM646-PR | .236 | .079 | .472 | .022 | .014 | .047 |
| DNMM442-PR | .197 | .028 | .236 | .016 | .008 | .022 |
| DNMM443-PR | .197 | .039 | .236 | .02 | .01 | .028 |
| DNMM444-PR | .197 | .059 | .236 | .022 | .013 | .035 |
| SNMM432-PR | .197 | .028 | .295 | .016 | .008 | .022 |
| SNMM433-PR | .197 | .039 | .295 | .02 | .01 | .028 |
| SNMM543-PR | .236 | .039 | .354 | .02 | .01 | .028 |
| SNMM544-PR | .236 | .059 | .354 | .022 | .013 | .035 |
| SNMM643-PR | .236 | .039 | .472 | .02 | .01 | .028 |
| SNMM644-PR | .236 | .059 | .472 | .022 | .013 | .035 |
| SNMM646-PR | .236 | .079 | .472 | .022 | .014 | .047 |
| TNMM332-PR | .157 | .028 | .236 | .016 | .008 | .022 |
| TNMM333-PR | .157 | .039 | .236 | .02 | .01 | .028 |
| TNMM432-PR | .197 | .028 | .315 | .016 | .008 | .022 |
| TNMM433-PR | .197 | .039 | .315 | .02 | .01 | .028 |
| TNMM434-PR | .197 | .059 | .315 | .022 | .013 | .035 |
| CNMG432-PR | .157 | .028 | .276 | .014 | .008 | .02 |
| CNMG433-PR | .157 | .039 | .276 | .016 | .01 | .028 |
| CNMG434-PR | .157 | .059 | .276 | .02 | .013 | .03 |
| CNMG542-PR | .197 | .028 | .315 | .014 | .008 | .02 |
| CNMG543-PR | .197 | .039 | .315 | .016 | .01 | .028 |
| CNMG544-PR | .197 | .059 | .315 | .02 | .012 | .031 |
| CNMG546-PR | .197 | .079 | .315 | .02 | .013 | .035 |
| CNMG642-PR | .197 | .028 | .394 | .014 | .008 | .02 |
| CNMG643-PR | .197 | .039 | .394 | .016 | .01 | .028 |
| CNMG644-PR | .197 | .059 | .394 | .02 | .012 | .031 |
| CNMG646-PR | .197 | .079 | .394 | .02 | .013 | .035 |
| CNMG866-PR | .236 | .079 | .591 | .024 | .016 | .039 |
| DNMG432-PR | .157 | .028 | .236 | .014 | .008 | .02 |
| DNMG433-PR | .157 | .039 | .236 | .016 | .01 | .028 |
| DNMG434-PR | .157 | .059 | .236 | .02 | .012 | .03 |
| DNMG442-PR | .157 | .028 | .236 | .014 | .008 | .02 |
| DNMG443-PR | .157 | .039 | .236 | .016 | .01 | .028 |
| DNMG444-PR | .157 | .059 | .236 | .02 | .013 | .03 |
| SNMG432-PR | .157 | .028 | .276 | .014 | .008 | .02 |
| SNMG433-PR | .157 | .039 | .276 | .016 | .01 | .028 |
| SNMG434-PR | .157 | .059 | .276 | .02 | .013 | .03 |
| SNMG542-PR | .197 | .059 | .315 | .014 | .008 | .02 |
| SNMG543-PR | .197 | .039 | .315 | .016 | .01 | .028 |
| SNMG544-PR | .197 | .059 | .315 | .02 | .012 | .031 |
| SNMG546-PR | .197 | .079 | .315 | .02 | .013 | .035 |
| SNMG642-PR | .197 | .028 | .394 | .014 | .008 | .02 |
| SNMG643-PR | .197 | .039 | .394 | .016 | .01 | .028 |
| SNMG644-PR | .197 | .059 | .394 | .02 | .012 | .031 |
| SNMG646-PR | .197 | .079 | .394 | .02 | .013 | .035 |
| SNMG854-PR | .236 | .079 | .591 | .031 | .016 | .039 |

# Recomendaciones de profundidad y avances, valores métricos

## T-Max® P, plaquitas de forma básica negativa

| Plaquita | Profundidad recomendada $a_p$ = pulgadas | | | Avance recomendado $f_n$ = pulgadas/r | | |
|---|---|---|---|---|---|---|
| | | Min | Máx. | | Min | Máx. |
| SNMG856-PR | .236 | .079 | .591 | .039 | .016 | .047 |
| SNMG866-PR | .236 | .079 | .591 | .039 | .016 | .047 |
| TNMG332-PR | .118 | .028 | .236 | .014 | .008 | .022 |
| TNMG333-PR | .118 | .039 | .236 | .016 | .01 | .026 |
| TNMG432-PR | .157 | .028 | .276 | .014 | .008 | .022 |
| TNMG433-PR | .157 | .039 | .276 | .016 | .01 | .026 |
| TNMG434-PR | .157 | .059 | .276 | .02 | .013 | .03 |
| TNMG542-PR | .236 | .059 | .472 | .02 | .014 | .022 |
| TNMG543-PR | .236 | .079 | .472 | .024 | .014 | .03 |
| TNMG544-PR | .236 | .079 | .472 | .024 | .014 | .028 |
| TNMG654-PR | .118 | .059 | .315 | .024 | .016 | .03 |
| TNMG666-PR | .276 | .118 | .591 | .024 | .018 | .035 |
| WNMG332-PR | .118 | .028 | .138 | .012 | .008 | .018 |
| WNMG333-PR | .118 | .031 | .138 | .014 | .01 | .022 |
| WNMG432-PR | .157 | .028 | .197 | .014 | .008 | .022 |
| WNMG433-PR | .157 | .039 | .197 | .016 | .01 | .028 |
| WNMG434-PR | .157 | .059 | .197 | .02 | .013 | .03 |
| CNMG432-MR | .118 | .079 | .299 | .012 | .006 | .022 |
| CNMG433-MR | .118 | .079 | .299 | .014 | .006 | .024 |
| CNMG434-MR | .118 | .079 | .299 | .016 | .006 | .028 |
| CNMG543-MR | .157 | .079 | .394 | .014 | .006 | .024 |
| CNMG544-MR | .157 | .079 | .394 | .016 | .006 | .028 |
| CNMG643-MR | .157 | .079 | .449 | .014 | .006 | .024 |
| CNMG644-MR | .157 | .079 | .449 | .016 | .006 | .028 |
| CNMG646-MR | .157 | .079 | .449 | .02 | .006 | .039 |
| DNMG432-MR | .118 | .079 | .236 | .012 | .006 | .022 |
| DNMG433-MR | .118 | .079 | .236 | .014 | .006 | .024 |
| DNMG434-MR | .118 | .079 | .236 | .016 | .006 | .028 |
| DNMG442-MR | .118 | .079 | .236 | .012 | .006 | .022 |
| DNMG443-MR | .118 | .079 | .236 | .014 | .006 | .024 |
| DNMG444-MR | .118 | .079 | .236 | .016 | .006 | .028 |
| SNMG432-MR | .118 | .079 | .299 | .012 | .006 | .022 |
| SNMG433-MR | .118 | .079 | .299 | .014 | .006 | .024 |
| SNMG543-MR | .157 | .079 | .378 | .014 | .006 | .024 |
| SNMG544-MR | .157 | .079 | .378 | .016 | .006 | .028 |
| SNMG643-MR | .157 | .079 | .449 | .014 | .006 | .024 |
| SNMG644-MR | .157 | .079 | .449 | .016 | .006 | .028 |
| SNMG646-MR | .157 | .079 | .449 | .02 | .006 | .039 |
| TNMG332-MR | .118 | .079 | .22 | .012 | .006 | .022 |
| TNMG333-MR | .118 | .079 | .22 | .014 | .006 | .024 |
| TNMG432-MR | .157 | .079 | .303 | .012 | .006 | .022 |
| TNMG433-MR | .157 | .079 | .303 | .014 | .006 | .024 |
| TNMG434-MR | .157 | .079 | .303 | .016 | .006 | .028 |
| WNMG332-MR | .079 | .059 | .118 | .012 | .006 | .022 |
| WNMG333-MR | .079 | .059 | .118 | .014 | .006 | .024 |
| WNMG432-MR | .098 | .079 | .157 | .012 | .006 | .022 |
| WNMG433-MR | .098 | .079 | .157 | .014 | .006 | .024 |
| CNMM432-MR | .118 | .028 | .295 | .014 | .008 | .022 |
| CNMM433-MR | .118 | .039 | .295 | .016 | .01 | .028 |
| CNMM434-MR | .118 | .059 | .295 | .02 | .013 | .035 |
| CNMM543-MR | .236 | .047 | .374 | .018 | .013 | .026 |
| CNMM544-MR | .236 | .059 | .374 | .02 | .014 | .031 |
| CNMM643-MR | .276 | .059 | .472 | .02 | .013 | .028 |
| CNMM644-MR | .276 | .071 | .472 | .022 | .014 | .035 |
| CNMM646-MR | .276 | .098 | .472 | .024 | .016 | .047 |
| CNMM866-MR | .354 | .098 | .591 | .026 | .018 | .055 |
| CNMM868-MR | .354 | .138 | .591 | .026 | .018 | .055 |
| DNMM442-MR | .118 | .028 | .236 | .014 | .008 | .022 |
| DNMM443-MR | .118 | .039 | .236 | .016 | .01 | .028 |
| SNMM432-MR | .118 | .028 | .295 | .014 | .008 | .022 |
| SNMM433-MR | .118 | .039 | .295 | .016 | .01 | .028 |
| SNMM434-MR | .118 | .059 | .295 | .02 | .013 | .035 |
| SNMM543-MR | .157 | .039 | .354 | .016 | .01 | .028 |
| SNMM544-MR | .157 | .059 | .354 | .02 | .013 | .035 |
| SNMM643-MR | .276 | .059 | .472 | .02 | .013 | .028 |
| SNMM644-MR | .276 | .071 | .472 | .022 | .014 | .035 |
| SNMM646-MR | .276 | .098 | .472 | .024 | .016 | .047 |
| SNMM648-MR | .157 | .138 | .472 | .02 | .016 | .047 |
| SNMM856-MR | .354 | .11 | .709 | .028 | .018 | .055 |
| SNMM858-MR | .236 | .079 | .591 | .02 | .013 | .055 |
| SNMM866-MR | .354 | .11 | .709 | .028 | .018 | .055 |
| SNMM868-MR | .236 | .079 | .591 | .02 | .013 | .055 |
| TNMM332-MR | .118 | .028 | .295 | .014 | .008 | .022 |

| Plaquita | Profundidad recomendada $a_p$ = pulgadas | | | Avance recomendado $f_n$ = pulgadas/r | | |
|---|---|---|---|---|---|---|
| | | Min | Máx. | | Min | Máx. |
| TNMM432-MR | .118 | .028 | .315 | .014 | .008 | .022 |
| TNMM433-MR | .118 | .039 | .315 | .016 | .01 | .028 |
| TNMM434-MR | .118 | .059 | .315 | .02 | .013 | .035 |
| TNMM544-MR | .157 | .059 | .354 | .02 | .013 | .035 |
| TNMM546-MR | .157 | .079 | .354 | .02 | .014 | .039 |
| CNMA431-KR | .098 | .008 | .197 | .008 | .004 | .012 |
| CNMA432-KR | .157 | .008 | .315 | .014 | .006 | .024 |
| CNMA433-KR | .157 | .012 | .315 | .018 | .008 | .031 |
| CNMA434-KR | .157 | .012 | .315 | .022 | .008 | .039 |
| CNMA543-KR | .197 | .012 | .394 | .018 | .008 | .031 |
| CNMA544-KR | .197 | .012 | .394 | .022 | .008 | .039 |
| CNMA642-KR | .236 | .008 | .472 | .014 | .006 | .024 |
| CNMA643-KR | .236 | .012 | .472 | .018 | .008 | .031 |
| CNMA644-KR | .236 | .012 | .472 | .022 | .008 | .039 |
| CNMA646-KR | .236 | .016 | .472 | .024 | .008 | .055 |
| DNMA432-KR | .118 | .008 | .236 | .014 | .006 | .024 |
| DNMA433-KR | .118 | .012 | .236 | .018 | .008 | .031 |
| DNMA442-KR | .118 | .008 | .236 | .014 | .006 | .024 |
| DNMA443-KR | .118 | .012 | .236 | .018 | .008 | .031 |
| DNMA444-KR | .118 | .012 | .236 | .022 | .008 | .039 |
| SNMA322-KR | .098 | .015 | .177 | .015 | .007 | .021 |
| SNMA432-KR | .157 | .008 | .315 | .014 | .006 | .024 |
| SNMA433-KR | .157 | .012 | .315 | .018 | .008 | .031 |
| SNMA434-KR | .157 | .012 | .315 | .022 | .008 | .039 |
| SNMA543-KR | .197 | .012 | .394 | .018 | .008 | .031 |
| SNMA544-KR | .197 | .012 | .394 | .022 | .008 | .039 |
| SNMA642-KR | .236 | .008 | .472 | .014 | .006 | .024 |
| SNMA643-KR | .236 | .012 | .472 | .018 | .008 | .031 |
| SNMA644-KR | .236 | .012 | .472 | .022 | .008 | .039 |
| SNMA856-KR | .236 | .016 | .472 | .024 | .008 | .055 |
| TNMA331-KR | .098 | .008 | .197 | .008 | .004 | .012 |
| TNMA332-KR | .138 | .008 | .276 | .014 | .006 | .024 |
| TNMA333-KR | .138 | .012 | .276 | .018 | .008 | .031 |
| TNMA334-KR | .138 | .012 | .276 | .022 | .008 | .039 |
| TNMA432-KR | .197 | .008 | .394 | .014 | .006 | .024 |
| TNMA433-KR | .197 | .012 | .394 | .018 | .008 | .031 |
| TNMA434-KR | .197 | .012 | .394 | .022 | .008 | .039 |
| TNMA438-KR | .197 | .02 | .394 | .024 | .02 | .047 |
| TNMA544-KR | .197 | .012 | .472 | .02 | .008 | .039 |
| WNMA332-KR | .098 | .008 | .157 | .014 | .006 | .024 |
| WNMA333-KR | .098 | .012 | .157 | .018 | .008 | .031 |
| WNMA432-KR | .118 | .008 | .197 | .014 | .006 | .024 |
| WNMA433-KR | .118 | .012 | .197 | .018 | .008 | .031 |
| WNMA434-KR | .118 | .012 | .197 | .022 | .008 | .039 |
| CNMG432-KR | .138 | .015 | .276 | .015 | .007 | .021 |
| CNMG433-KR | .138 | .02 | .276 | .02 | .01 | .028 |
| CNMG434-KR | .138 | .03 | .276 | .024 | .011 | .033 |
| CNMG543-KR | .185 | .031 | .366 | .022 | .011 | .03 |
| CNMG544-KR | .185 | .039 | .366 | .024 | .012 | .033 |
| CNMG643-KR | .276 | .039 | .551 | .022 | .011 | .03 |
| CNMG644-KR | .276 | .059 | .551 | .024 | .012 | .033 |
| DNMG432-KR | .138 | .015 | .276 | .013 | .007 | .019 |
| DNMG433-KR | .138 | .02 | .276 | .018 | .009 | .025 |
| DNMG442-KR | .138 | .015 | .276 | .013 | .007 | .019 |
| DNMG443-KR | .138 | .02 | .276 | .018 | .009 | .025 |
| DNMG444-KR | .138 | .03 | .276 | .02 | .01 | .027 |
| SNMG432-KR | .138 | .015 | .276 | .015 | .007 | .021 |
| SNMG433-KR | .138 | .02 | .276 | .02 | .011 | .028 |
| SNMG434-KR | .138 | .03 | .276 | .022 | .011 | .03 |
| SNMG543-KR | .173 | .025 | .346 | .022 | .011 | .03 |
| SNMG544-KR | .173 | .037 | .346 | .024 | .012 | .033 |
| SNMG644-KR | .24 | .052 | .484 | .024 | .012 | .033 |
| SNMG856-KR | .276 | .079 | .551 | .034 | .017 | .048 |
| TNMG332-KR | .126 | .013 | .244 | .012 | .007 | .017 |
| TNMG333-KR | .126 | .018 | .248 | .016 | .008 | .022 |
| TNMG334-KR | .126 | .027 | .244 | .017 | .009 | .024 |
| TNMG432-KR | .138 | .015 | .276 | .015 | .007 | .021 |
| TNMG433-KR | .138 | .02 | .276 | .02 | .01 | .028 |
| TNMG544-KR | .173 | .037 | .346 | .026 | .013 | .036 |
| WNMG332-KR | .087 | .009 | .177 | .012 | .007 | .017 |
| WNMG333-KR | .087 | .013 | .177 | .016 | .008 | .022 |
| WNMG432-KR | .106 | .011 | .217 | .013 | .007 | .019 |
| WNMG433-KR | .106 | .015 | .217 | .018 | .009 | .025 |

# Recomendaciones de profundidad y avances, valores métricos

## CoroTurn® 107, plaquitas de forma básica positiva

| Plaquita | Profundidad recomendada $a_p$ = pulgadas | | | Avance recomendado $f_n$ = pulgadas/r | | |
|---|---|---|---|---|---|---|
| | | Min | Máx. | | Min | Máx. |
| CCMT2(1.5)1-WF | .031 | .012 | .079 | .005 | .002 | .012 |
| CCMT2(1.5)2-WF | .031 | .012 | .079 | .006 | .004 | .014 |
| CCMT3(2.5)0-WF | .012 | .004 | .059 | .004 | .001 | .006 |
| CCMT3(2.5)1-WF | .039 | .012 | .118 | .008 | .003 | .012 |
| CCMT3(2.5)2-WF | .039 | .012 | .118 | .01 | .005 | .02 |
| DCMX2(1.5)0-WF | .012 | .004 | .059 | .004 | .001 | .006 |
| DCMX2(1.5)1-WF | .028 | .012 | .079 | .005 | .002 | .01 |
| DCMX2(1.5)2-WF | .028 | .012 | .079 | .006 | .004 | .014 |
| DCMX3(2.5)0-WF | .012 | .004 | .059 | .004 | .001 | .006 |
| DCMX3(2.5)1-WF | .039 | .012 | .118 | .008 | .003 | .012 |
| DCMX3(2.5)2-WF | .039 | .012 | .118 | .01 | .005 | .016 |
| TCMX1.8(1.5)0-WF | .012 | .004 | .059 | .004 | .001 | .006 |
| TCMX1.8(1.5)1-WF | .028 | .012 | .079 | .005 | .002 | .012 |
| TCMX1.8(1.5)2-WF | .028 | .012 | .079 | .01 | .004 | .014 |
| TCMX220-WF | .012 | .004 | .059 | .004 | .001 | .006 |
| TCMX221-WF | .039 | .012 | .098 | .008 | .003 | .012 |
| TCMX222-WF | .039 | .012 | .098 | .01 | .005 | .016 |
| TCMX3(2.5)1-WF | .047 | .012 | .138 | .008 | .003 | .014 |
| TCMX3(2.5)2-WF | .047 | .012 | .138 | .01 | .005 | .02 |
| CCMT2(1.5)0-PF | .012 | .002 | .067 | .002 | .001 | .004 |
| CCMT2(1.5)1-PF | .012 | .004 | .067 | .003 | .002 | .007 |
| CCMT3(2.5)0-PF | .014 | .003 | .079 | .003 | .002 | .006 |
| CCMT3(2.5)1-PF | .014 | .004 | .079 | .004 | .002 | .009 |
| CCMT3(2.5)2-PF | .014 | .006 | .079 | .006 | .003 | .012 |
| CCMT431-PF | .017 | .006 | .094 | .006 | .003 | .011 |
| DCMT2(1.5)0-PF | .01 | .002 | .059 | .002 | .001 | .004 |
| DCMT2(1.5)1-PF | .01 | .003 | .059 | .003 | .002 | .007 |
| DCMT3(2.5)0-PF | .014 | .003 | .079 | .003 | .002 | .006 |
| DCMT3(2.5)1-PF | .014 | .004 | .079 | .004 | .002 | .009 |
| DCMT3(2.5)2-PF | .014 | .006 | .079 | .006 | .003 | .012 |
| SCMT3(2.5)1-PF | .014 | .004 | .079 | .004 | .002 | .009 |
| SCMT3(2.5)2-PF | .014 | .006 | .079 | .006 | .003 | .012 |
| TCMT1.2(1.2)0-PF | .01 | .002 | .059 | .002 | .001 | .004 |
| TCMT1.2(1.2)1-PF | .01 | .003 | .059 | .003 | .002 | .007 |
| TCMT1.2(1.2)2-PF | .01 | .004 | .059 | .004 | .002 | .009 |
| TCMT1.8(1.5)0-PF | .012 | .002 | .067 | .002 | .001 | .005 |
| TCMT1.8(1.5)1-PF | .012 | .004 | .067 | .004 | .002 | .007 |
| TCMT220-PF | .012 | .002 | .067 | .002 | .001 | .005 |
| TCMT221-PF | .012 | .004 | .067 | .004 | .002 | .007 |
| TCMT222-PF | .012 | .005 | .067 | .005 | .003 | .01 |
| TCMT3(2.5)1-PF | .014 | .004 | .079 | .004 | .002 | .009 |
| VBMT220-PF | .012 | .002 | .067 | .002 | .001 | .005 |
| VBMT221-PF | .012 | .004 | .067 | .004 | .002 | .007 |
| VBMT222-PF | .012 | .005 | .067 | .005 | .003 | .01 |
| VBMT223-PF | .012 | .005 | .067 | .006 | .003 | .012 |
| VBMT330-PF | .013 | .003 | .071 | .003 | .002 | .006 |
| VBMT331-PF | .013 | .004 | .071 | .004 | .002 | .008 |
| VBMT332-PF | .013 | .006 | .071 | .006 | .003 | .011 |
| VBMT333-PF | .013 | .006 | .071 | .006 | .004 | .013 |
| CCMT2(1.5)0-MF | .012 | .002 | .067 | .002 | .001 | .004 |
| CCMT2(1.5)1-MF | .012 | .004 | .067 | .003 | .002 | .007 |
| CCMT3(2.5)0-MF | .014 | .003 | .079 | .003 | .002 | .006 |
| CCMT3(2.5)1-MF | .014 | .004 | .079 | .004 | .002 | .009 |
| CCMT3(2.5)2-MF | .014 | .006 | .079 | .006 | .003 | .012 |
| CCMT431-MF | .017 | .006 | .094 | .006 | .003 | .011 |
| DCMT2(1.5)0-MF | .01 | .002 | .059 | .002 | .001 | .004 |
| DCMT2(1.5)1-MF | .01 | .003 | .059 | .003 | .002 | .007 |
| DCMT3(2.5)0-MF | .014 | .003 | .079 | .003 | .002 | .006 |
| DCMT3(2.5)1-MF | .014 | .004 | .079 | .004 | .002 | .009 |
| DCMT3(2.5)2-MF | .014 | .006 | .079 | .006 | .003 | .012 |
| SCMT3(2.5)1-MF | .014 | .004 | .079 | .004 | .002 | .009 |
| SCMT3(2.5)2-MF | .014 | .006 | .079 | .006 | .003 | .012 |
| TCMT1.2(1.2)0-MF | .01 | .002 | .059 | .002 | .001 | .004 |
| TCMT1.2(1.2)1-MF | .01 | .003 | .059 | .003 | .002 | .007 |
| TCMT1.2(1.2)2-MF | .01 | .004 | .059 | .004 | .002 | .009 |
| TCMT1.8(1.5)0-MF | .012 | .002 | .067 | .002 | .001 | .005 |
| TCMT1.8(1.5)1-MF | .012 | .004 | .067 | .004 | .002 | .007 |
| TCMT220-MF | .012 | .002 | .067 | .002 | .001 | .005 |
| TCMT221-MF | .012 | .004 | .067 | .004 | .002 | .007 |
| TCMT222-MF | .012 | .005 | .067 | .005 | .003 | .01 |
| TCMT3(2.5)1-MF | .014 | .004 | .079 | .004 | .002 | .009 |
| VBMT220-MF | .012 | .002 | .067 | .002 | .001 | .005 |
| VBMT221-MF | .012 | .004 | .067 | .004 | .002 | .007 |

| Plaquita | Profundidad recomendada $a_p$ = pulgadas | | | Avance recomendado $f_n$ = pulgadas/r | | |
|---|---|---|---|---|---|---|
| | | Min | Máx. | | Min | Máx. |
| VBMT222-MF | .012 | .005 | .067 | .005 | .003 | .01 |
| VBMT330-MF | .013 | .003 | .071 | .003 | .002 | .006 |
| VBMT331-MF | .013 | .004 | .071 | .004 | .002 | .008 |
| VBMT332-MF | .013 | .006 | .071 | .006 | .003 | .011 |
| VBMT333-MF | .013 | .006 | .071 | .006 | .004 | .013 |
| CCMT2(1.5)0-KF | .012 | .002 | .067 | .002 | .001 | .004 |
| CCMT2(1.5)0-WF | .012 | .004 | .059 | .004 | .001 | .006 |
| CCMT2(1.5)1-KF | .012 | .004 | .067 | .003 | .002 | .007 |
| CCMT3(2.5)0-KF | .014 | .003 | .079 | .003 | .002 | .006 |
| CCMT3(2.5)1-KF | .014 | .004 | .079 | .004 | .002 | .009 |
| CCMT431-KF | .017 | .006 | .094 | .006 | .003 | .011 |
| DCMT2(1.5)0-KF | .01 | .002 | .059 | .002 | .001 | .004 |
| DCMT2(1.5)1-KF | .01 | .003 | .059 | .003 | .002 | .007 |
| DCMT3(2.5)0-KF | .014 | .003 | .079 | .003 | .002 | .006 |
| DCMT3(2.5)1-KF | .014 | .004 | .079 | .004 | .002 | .009 |
| SCMT3(2.5)1-KF | .014 | .004 | .079 | .004 | .002 | .009 |
| SCMT3(2.5)2-KF | .014 | .006 | .079 | .006 | .003 | .012 |
| TCMT1.2(1.2)0-KF | .01 | .002 | .059 | .002 | .001 | .004 |
| TCMT1.2(1.2)1-KF | .01 | .003 | .059 | .003 | .002 | .007 |
| TCMT1.2(1.2)2-KF | .01 | .004 | .059 | .004 | .002 | .009 |
| TCMT1.8(1.5)0-KF | .012 | .002 | .067 | .002 | .001 | .005 |
| TCMT1.8(1.5)1-KF | .012 | .004 | .067 | .004 | .002 | .007 |
| TCMT220-KF | .012 | .002 | .067 | .002 | .001 | .005 |
| TCMT221-KF | .012 | .004 | .067 | .004 | .002 | .007 |
| TCMT3(2.5)1-KF | .014 | .004 | .079 | .004 | .002 | .009 |
| VBMT220-KF | .012 | .002 | .067 | .002 | .001 | .005 |
| VBMT221-KF | .012 | .004 | .067 | .004 | .002 | .007 |
| VBMT222-KF | .012 | .005 | .067 | .005 | .003 | .01 |
| VBMT330-KF | .013 | .003 | .071 | .003 | .002 | .006 |
| VBMT331-KF | .013 | .004 | .071 | .004 | .002 | .008 |
| VBMT332-KF | .013 | .006 | .071 | .006 | .003 | .011 |
| TCEX1(1)00L-F | .006 | .002 | .031 | .002 | .001 | .004 |
| TCEX1(1)00R-F | .006 | .002 | .031 | .002 | .001 | .004 |
| TCEX1(1)03L-F | .006 | .002 | .031 | .002 | .001 | .004 |
| TCEX1(1)03R-F | | | | | | |
| TCEX1(1)03R-F | .006 | .002 | .031 | .002 | .001 | .004 |
| TCEX1.2(1.2)00L-F | | | | | | |
| TCEX1.2(1.2)00L-F | .008 | .002 | .059 | .003 | .001 | .005 |
| TCEX1.2(1.2)00R-F | | | | | | |
| TCEX1.2(1.2)00R-F | .008 | .002 | .059 | .003 | .001 | .005 |
| TCEX1.2(1.2)03L-F | | | | | | |
| TCEX1.2(1.2)03L-F | .008 | .002 | .059 | .003 | .001 | .005 |
| TCEX1.2(1.2)03R-F | | | | | | |
| TCEX1.2(1.2)03R-F | .008 | .002 | .059 | .003 | .001 | .005 |
| TCEX1.2(1.2)0L-F | | | | | | |
| TCEX1.2(1.2)0L-F | .008 | .002 | .02 | .003 | .001 | .005 |
| TCEX1.8(1.5)00L-F | | | | | | |
| TCEX1.8(1.5)00L-F | .012 | .002 | .118 | .004 | .001 | .006 |
| TCEX1.8(1.5)00R-F | | | | | | |
| TCEX1.8(1.5)00R-F | .012 | .002 | .118 | .004 | .001 | .006 |
| TCEX1.8(1.5)03L-F | .012 | .002 | .118 | .004 | .001 | .006 |
| TCEX1.8(1.5)03R-F | .012 | .002 | .118 | .004 | .001 | .006 |
| TCEX1.8(1.5)0L-F | .008 | .002 | .02 | .004 | .001 | .006 |
| TCEX22(00)L-F | .016 | .002 | .157 | .004 | .001 | .006 |
| TCEX22(00)R-F | .016 | .002 | .157 | .004 | .001 | .006 |
| TCEX22(03)L-F | .016 | .002 | .157 | .004 | .001 | .006 |
| TCEX22(03)R-F | .016 | .002 | .157 | .004 | .001 | .006 |
| TCEX220L-F | .008 | .002 | .02 | .004 | .001 | .008 |
| VCEX22(00)L-F | .039 | .001 | .157 | .002 | 0 | .008 |
| VCEX22(00)R-F | .039 | .001 | .157 | .002 | 0 | .008 |
| VCEX22(03)L-F | .039 | .002 | .157 | .004 | 0 | .012 |
| VCEX22(03)R-F | .039 | .002 | .157 | .004 | 0 | .012 |
| TCGX1.2(1.2)1L-WK | .02 | .006 | .039 | .006 | .001 | .01 |
| TCGX1.2(1.2)1R-WK | .02 | .006 | .039 | .006 | .001 | .01 |
| TCGX1.8(1.5)1L-WK | .02 | .006 | .047 | .008 | .002 | .011 |
| TCGX1.8(1.5)1R-WK | .02 | .006 | .047 | .008 | .002 | .011 |
| TCGX2(1.5)1L-WK | .02 | .006 | .059 | .008 | .002 | .012 |
| TCGX2(1.5)1R-WK | .02 | .006 | .059 | .008 | .002 | .012 |
| TCGX221L-WK | .02 | .006 | .059 | .008 | .002 | .012 |
| TCGX221R-WK | .02 | .006 | .059 | .008 | .002 | .012 |
| CCMT2(1.5)2-WM | .047 | .02 | .098 | .008 | .004 | .016 |
| CCMT3(2.5)1-WM | .059 | .02 | .157 | .01 | .005 | .016 |
| CCMT3(2.5)2-WM | .059 | .028 | .157 | .012 | .006 | .02 |

# Recomendaciones de profundidad y avances, valores métricos

## CoroTurn® 107, plaquitas de forma básica positiva

| Plaquita | Profundidad recomendada $a_p$ = pulgadas | | | Avance recomendado $f_n$ = pulgadas/r | | |
|---|---|---|---|---|---|---|
| | | Min | Máx. | | Min | Máx. |
| CCMT431-WM | .079 | .02 | .157 | .01 | .006 | .016 |
| CCMT432-WM | .079 | .028 | .157 | .012 | .006 | .02 |
| DCMX3(2.5)1-WM | .059 | .02 | .157 | .01 | .005 | .016 |
| DCMX3(2.5)2-WM | .059 | .02 | .157 | .012 | .006 | .02 |
| TCMX221-WM | .047 | .02 | .118 | .01 | .005 | .014 |
| TCMX222-WM | .047 | .02 | .118 | .012 | .006 | .02 |
| TCMX3(2.5)2-WM | .059 | .02 | .157 | .012 | .006 | .02 |
| CCMT2(1.5)1-PM | .025 | .008 | .094 | .004 | .002 | .007 |
| CCMT2(1.5)2-PM | .025 | .016 | .094 | .006 | .003 | .009 |
| CCMT3(2.5)1-PM | .025 | .01 | .118 | .006 | .003 | .009 |
| CCMT3(2.5)2-PM | .031 | .02 | .118 | .008 | .004 | .012 |
| CCMT431-PM | .038 | .012 | .142 | .007 | .004 | .011 |
| CCMT432-PM | .038 | .024 | .142 | .009 | .005 | .014 |
| CCMT433-PM | .038 | .028 | .142 | .011 | .006 | .017 |
| DCMT2(1.5)1-PM | .024 | .007 | .089 | .004 | .002 | .007 |
| DCMT2(1.5)2-PM | .024 | .015 | .089 | .006 | .003 | .009 |
| DCMT3(2.5)1-PM | .031 | .01 | .118 | .006 | .003 | .009 |
| DCMT3(2.5)2-PM | .031 | .02 | .118 | .008 | .004 | .012 |
| DCMT3(2.5)3-PM | .031 | .024 | .118 | .009 | .005 | .014 |
| SCMT3(2.5)1-PM | .031 | .01 | .118 | .006 | .003 | .009 |
| SCMT3(2.5)2-PM | .031 | .02 | .118 | .008 | .004 | .012 |
| SCMT431-PM | .038 | .012 | .142 | .007 | .004 | .011 |
| SCMT432-PM | .038 | .024 | .142 | .009 | .005 | .014 |
| SCMT433-PM | .038 | .028 | .142 | .011 | .006 | .017 |
| TCMT1.8(1.5)1-PM | .024 | .007 | .089 | .004 | .002 | .007 |
| TCMT1.8(1.5)2-PM | .024 | .015 | .089 | .006 | .003 | .009 |
| TCMT221-PM | .026 | .008 | .098 | .005 | .002 | .007 |
| TCMT222-PM | .026 | .017 | .098 | .007 | .004 | .01 |
| TCMT223-PM | .026 | .02 | .098 | .008 | .004 | .012 |
| TCMT3(2.5)1-PM | .031 | .01 | .118 | .006 | .003 | .009 |
| TCMT3(2.5)2-PM | .031 | .02 | .118 | .008 | .004 | .012 |
| TCMT3(2.5)3-PM | .031 | .024 | .118 | .009 | .005 | .014 |
| TCMT432-PM | .038 | .024 | .142 | .009 | .005 | .014 |
| VBMT331-PM | .028 | .009 | .106 | .006 | .003 | .008 |
| VBMT332-PM | .028 | .018 | .106 | .007 | .004 | .011 |
| VBMT333-PM | .028 | .021 | .106 | .009 | .004 | .013 |
| CCMT2(1.5)1-MM | .025 | .008 | .094 | .004 | .002 | .007 |
| CCMT2(1.5)2-MM | .025 | .016 | .094 | .006 | .003 | .009 |
| CCMT3(2.5)1-MM | .025 | .01 | .118 | .006 | .003 | .009 |
| CCMT3(2.5)2-MM | .031 | .02 | .118 | .008 | .004 | .012 |
| CCMT431-MM | .038 | .012 | .142 | .007 | .004 | .011 |
| CCMT432-MM | .038 | .024 | .142 | .009 | .005 | .014 |
| CCMT433-MM | .038 | .028 | .142 | .011 | .006 | .017 |
| DCMT2(1.5)1-MM | .024 | .007 | .089 | .004 | .002 | .007 |
| DCMT2(1.5)2-MM | .024 | .015 | .089 | .006 | .003 | .009 |
| DCMT3(2.5)1-MM | .031 | .01 | .118 | .006 | .003 | .009 |
| DCMT3(2.5)2-MM | .031 | .02 | .118 | .008 | .004 | .012 |
| DCMT3(2.5)3-MM | .031 | .024 | .118 | .009 | .005 | .014 |
| SCMT3(2.5)1-MM | .031 | .01 | .118 | .006 | .003 | .009 |
| SCMT3(2.5)2-MM | .031 | .02 | .118 | .008 | .004 | .012 |
| SCMT431-MM | .038 | .012 | .142 | .007 | .004 | .011 |
| SCMT432-MM | .038 | .024 | .142 | .009 | .005 | .014 |
| SCMT433-MM | .038 | .028 | .142 | .011 | .006 | .017 |
| TCMT1.8(1.5)1-MM | .024 | .007 | .089 | .004 | .002 | .007 |
| TCMT1.8(1.5)2-MM | .024 | .015 | .089 | .006 | .003 | .009 |
| TCMT221-MM | .026 | .008 | .098 | .005 | .002 | .007 |
| TCMT222-MM | .026 | .017 | .098 | .007 | .004 | .01 |
| TCMT3(2.5)1-MM | .031 | .01 | .118 | .006 | .003 | .009 |
| TCMT3(2.5)2-MM | .031 | .02 | .118 | .008 | .004 | .012 |
| TCMT3(2.5)3-MM | .031 | .024 | .118 | .009 | .005 | .014 |
| TCMT432-MM | .038 | .024 | .142 | .009 | .005 | .014 |
| VBMT331-MM | .028 | .009 | .106 | .006 | .003 | .008 |
| VBMT332-MM | .028 | .018 | .106 | .007 | .004 | .011 |
| VBMT333-MM | .028 | .021 | .106 | .009 | .004 | .013 |
| CCMT2(1.5)1-KM | .025 | .008 | .094 | .004 | .002 | .007 |
| CCMT2(1.5)2-KM | .025 | .016 | .094 | .006 | .003 | .009 |
| CCMT3(2.5)1-KM | .025 | .01 | .118 | .006 | .003 | .009 |
| CCMT3(2.5)2-KM | .031 | .02 | .118 | .008 | .004 | .012 |
| CCMT431-KM | .038 | .012 | .142 | .007 | .004 | .011 |
| CCMT432-KM | .038 | .024 | .142 | .009 | .005 | .014 |
| DCMT2(1.5)1-KM | .024 | .007 | .089 | .004 | .002 | .007 |
| DCMT2(1.5)2-KM | .024 | .015 | .089 | .006 | .003 | .009 |
| DCMT3(2.5)1-KM | .031 | .01 | .118 | .006 | .003 | .009 |

| Plaquita | Profundidad recomendada $a_p$ = pulgadas | | | Avance recomendado $f_n$ = pulgadas/r | | |
|---|---|---|---|---|---|---|
| | | Min | Máx. | | Min | Máx. |
| DCMT3(2.5)2-KM | .031 | .02 | .118 | .008 | .004 | .012 |
| SCMT3(2.5)1-KM | .031 | .01 | .118 | .006 | .003 | .009 |
| SCMT3(2.5)2-KM | .031 | .02 | .118 | .008 | .004 | .012 |
| SCMT432-KM | .038 | .024 | .142 | .009 | .005 | .014 |
| TCMT1.8(1.5)1-KM | .024 | .007 | .089 | .004 | .002 | .007 |
| TCMT1.8(1.5)2-KM | .024 | .015 | .089 | .006 | .003 | .009 |
| TCMT221-KM | .026 | .008 | .098 | .005 | .002 | .007 |
| TCMT222-KM | .026 | .017 | .098 | .007 | .004 | .01 |
| TCMT3(2.5)1-KM | .031 | .01 | .118 | .006 | .003 | .009 |
| TCMT3(2.5)2-KM | .031 | .02 | .118 | .008 | .004 | .012 |
| TCMT3(2.5)3-KM | .031 | .024 | .118 | .009 | .005 | .014 |
| TCMT432-KM | .038 | .024 | .142 | .009 | .005 | .014 |
| VBMT331-KM | .028 | .009 | .106 | .006 | .003 | .008 |
| VBMT332-KM | .028 | .018 | .106 | .007 | .004 | .011 |
| VBMT333-KM | .028 | .021 | .106 | .009 | .004 | .013 |
| CCET2(1.5)03-UM | .012 | .004 | .157 | .001 | 0 | .002 |
| CCET2(1.5)03-UM | .012 | .004 | .157 | .001 | 0 | .003 |
| CCET2(1.5)0-UM | .02 | .008 | .157 | .001 | 0 | .002 |
| CCET2(1.5)0-UM | .02 | .008 | .157 | .001 | 0 | .003 |
| CCET2(1.5)1-UM | .039 | .02 | .157 | .001 | 0 | .002 |
| CCET2(1.5)1-UM | .039 | .02 | .157 | .001 | 0 | .003 |
| DCET2(1.5)00-UM | .012 | .004 | .157 | .001 | 0 | .002 |
| DCET2(1.5)03-UM | .012 | .004 | .157 | .001 | 0 | .002 |
| DCET2(1.5)03-UM | .02 | .004 | .157 | .001 | 0 | .002 |
| DCET3(2.5)03-UM | .012 | .004 | .157 | .001 | 0 | .002 |
| DCET3(2.5)0-UM | .012 | .008 | .157 | .001 | 0 | .002 |
| DCET3(2.5)1-UM | .049 | .02 | .157 | .002 | .001 | .004 |
| VCET22(03)-UM | .012 | .004 | .157 | .001 | 0 | .002 |
| VCET220-UM | .02 | .008 | .157 | .001 | .001 | .003 |
| | .039 | .02 | .079 | .004 | .001 | .006 |
| | .059 | .02 | .094 | .006 | .001 | .007 |
| | .079 | .031 | .126 | .008 | .002 | .01 |
| | .098 | .039 | .157 | .01 | .002 | .012 |
| | .118 | .047 | .189 | .012 | .003 | .015 |
| | .138 | .063 | .252 | .015 | .004 | .02 |
| | .157 | .079 | .315 | .018 | .005 | .025 |
| | .197 | .098 | .394 | .022 | .006 | .031 |
| | .236 | .126 | .504 | .027 | .008 | .04 |
| | .039 | .024 | .094 | .01 | .005 | .015 |
| | .098 | .047 | .189 | .018 | .007 | .031 |
| SCGX3(2.5)2-AL | .059 | .02 | .197 | .012 | .006 | .024 |
| TCGX1.2(1.2)1-AL | .039 | .02 | .079 | .008 | .004 | .012 |
| TCGX2(1.5)2-AL | .059 | .02 | .197 | .012 | .006 | .024 |
| TCGX220-AL | .039 | .012 | .197 | .005 | .002 | .006 |
| TCGX221-AL | .059 | .02 | .197 | .008 | .004 | .012 |
| TCGX222-AL | .059 | .02 | .197 | .012 | .006 | .024 |
| VCGX220-AL | .039 | .012 | .118 | .005 | .002 | .006 |
| VCGX221-AL | .059 | .02 | .118 | .008 | .004 | .012 |
| | .059 | .02 | .276 | .024 | .01 | .039 |
| | .059 | .02 | .276 | .024 | .01 | .039 |
| CCMT2(1.5)2-PR | .063 | .031 | .126 | .007 | .004 | .01 |
| CCMT3(2.5)2-PR | .079 | .039 | .157 | .01 | .005 | .014 |
| CCMT3(2.5)3-PR | .079 | .047 | .157 | .012 | .006 | .017 |
| CCMT432-PR | .094 | .047 | .189 | .012 | .006 | .017 |
| CCMT433-PR | .094 | .057 | .189 | .014 | .007 | .02 |
| DCMT3(2.5)2-PR | .079 | .039 | .157 | .01 | .005 | .014 |
| DCMT3(2.5)3-PR | .079 | .047 | .157 | .012 | .006 | .017 |
| SCMT3(2.5)2-PR | .079 | .039 | .157 | .01 | .005 | .014 |
| SCMT3(2.5)3-PR | .079 | .047 | .157 | .012 | .006 | .017 |
| SCMT432-PR | .094 | .047 | .189 | .012 | .006 | .017 |
| SCMT433-PR | .094 | .057 | .189 | .014 | .007 | .02 |
| TCMT222-PR | .059 | .03 | .118 | .008 | .004 | .012 |
| TCMT223-PR | .059 | .035 | .118 | .01 | .005 | .014 |
| TCMT3(2.5)2-PR | .079 | .039 | .157 | .01 | .005 | .014 |
| TCMT3(2.5)3-PR | .079 | .047 | .157 | .012 | .006 | .017 |
| TCMT432-PR | .094 | .047 | .189 | .012 | .006 | .017 |
| TCMT433-PR | .094 | .057 | .189 | .014 | .007 | .02 |
| VBMT332-PR | .071 | .035 | .142 | .009 | .004 | .013 |
| VBMT333-PR | .071 | .043 | .142 | .011 | .005 | .015 |
| CCMT2(1.5)2-MR | .063 | .031 | .126 | .007 | .004 | .01 |
| CCMT3(2.5)2-MR | .079 | .039 | .157 | .01 | .005 | .014 |
| CCMT3(2.5)3-MR | .079 | .047 | .157 | .012 | .006 | .017 |
| CCMT432-MR | .094 | .047 | .189 | .012 | .006 | .017 |

# Recomendaciones de profundidad y avances, valores métricos

## CoroTurn® 107, plaquitas de forma básica positiva

| Plaquita | Profundidad recomendada $a_p$ = pulgadas | | | Avance recomendado $f_n$ = pulgadas/r | | |
|---|---|---|---|---|---|---|
| | | Min | Máx. | | Min | Máx. |
| CCMT433-MR | .094 | .057 | .189 | .014 | .007 | .02 |
| DCMT3(2.5)2-MR | .079 | .039 | .157 | .01 | .005 | .014 |
| DCMT3(2.5)3-MR | .079 | .047 | .157 | .012 | .006 | .017 |
| SCMT3(2.5)2-MR | .079 | .039 | .157 | .01 | .005 | .014 |
| SCMT3(2.5)3-MR | .079 | .047 | .157 | .012 | .006 | .017 |
| SCMT432-MR | .094 | .047 | .189 | .012 | .006 | .017 |
| SCMT433-MR | .094 | .057 | .189 | .014 | .007 | .02 |
| TCMT222-MR | .059 | .03 | .118 | .008 | .004 | .012 |
| TCMT3(2.5)2-MR | .079 | .039 | .157 | .01 | .005 | .014 |
| TCMT3(2.5)3-MR | .079 | .047 | .157 | .012 | .006 | .017 |
| TCMT432-MR | .094 | .047 | .189 | .012 | .006 | .017 |
| TCMT433-MR | .094 | .057 | .189 | .014 | .007 | .02 |
| VBMT332-MR | .071 | .035 | .142 | .009 | .004 | .013 |
| VBMT333-MR | .071 | .043 | .142 | .011 | .005 | .015 |
| CCMT2(1.5)2-KR | .063 | .031 | .126 | .007 | .004 | .01 |
| CCMT3(2.5)2-KR | .079 | .039 | .157 | .01 | .005 | .014 |
| CCMT3(2.5)3-KR | .079 | .047 | .157 | .012 | .006 | .017 |
| CCMT432-KR | .094 | .047 | .189 | .012 | .006 | .017 |
| CCMT433-KR | .094 | .057 | .189 | .014 | .007 | .02 |
| DCMT3(2.5)2-KR | .079 | .039 | .157 | .01 | .005 | .014 |
| DCMT3(2.5)3-KR | .079 | .047 | .157 | .012 | .006 | .017 |
| SCMT3(2.5)2-KR | .079 | .039 | .157 | .01 | .005 | .014 |
| SCMT3(2.5)3-KR | .079 | .047 | .157 | .012 | .006 | .017 |
| SCMT432-KR | .094 | .047 | .189 | .012 | .006 | .017 |
| SCMT433-KR | .094 | .057 | .189 | .014 | .007 | .02 |
| TCMT222-KR | .059 | .03 | .118 | .008 | .004 | .012 |
| TCMT223-KR | .059 | .035 | .118 | .01 | .005 | .014 |
| TCMT3(2.5)2-KR | .079 | .039 | .157 | .01 | .005 | .014 |
| TCMT3(2.5)3-KR | .079 | .047 | .157 | .012 | .006 | .017 |
| TCMT432-KR | .094 | .047 | .189 | .012 | .006 | .017 |
| TCMT433-KR | .094 | .057 | .189 | .014 | .007 | .02 |
| VBMT332-KR | .071 | .035 | .142 | .009 | .004 | .013 |



SANDVIK Coromant

# Recomendaciones de profundidad y avances, valores métricos

## CoroTurn® 111, plaquitas de forma básica positiva

| Plaquita | Profundidad recomendada $a_p$ = pulgadas | | | Avance recomendado $f_n$ = pulgadas/r | | |
|---|---|---|---|---|---|---|
| | | Min | Máx. | | Min | Máx. |
| CPMT2(1.5)0-PF | .012 | .003 | .059 | .002 | .001 | .005 |
| CPMT2(1.5)1-PF | .012 | .004 | .059 | .004 | .002 | .007 |
| CPMT3(2.5)0-PF | .014 | .004 | .079 | .004 | .002 | .009 |
| CPMT3(2.5)1-PF | .014 | .004 | .079 | .004 | .002 | .009 |
| CPMT3(2.5)2-PF | .014 | .006 | .079 | .006 | .003 | .012 |
| DPMT2(1.5)0-PF | .01 | .002 | .052 | .002 | .001 | .005 |
| DPMT2(1.5)1-PF | .01 | .004 | .052 | .004 | .002 | .007 |
| TPMT1.2(1.2)0-PF | .01 | .002 | .052 | .002 | .001 | .005 |
| TPMT1.2(1.2)1-PF | .01 | .004 | .052 | .004 | .002 | .007 |
| TPMT1.8(1.5)0-PF | .012 | .003 | .059 | .003 | .001 | .005 |
| TPMT1.8(1.5)1-PF | .012 | .004 | .059 | .004 | .002 | .008 |
| TPMT220-PF | .012 | .003 | .059 | .003 | .001 | .005 |
| TPMT221-PF | .012 | .004 | .059 | .004 | .002 | .008 |
| TPMT3(2.5)1-PF | .014 | .005 | .07 | .005 | .002 | .009 |
| VCMT220-PF | .012 | .003 | .059 | .003 | .001 | .005 |
| VCMT221-PF | .012 | .004 | .059 | .004 | .002 | .008 |
| WPMT1.2(1)0-PF | .007 | .002 | .035 | .001 | .001 | .003 |
| WPMT1.2(1)1-PF | .007 | .002 | .035 | .002 | .001 | .004 |
| WPMT2(1.5)0-PF | .01 | .002 | .052 | .002 | .001 | .004 |
| WPMT2(1.5)1-PF | .01 | .004 | .052 | .003 | .002 | .006 |
| CPMT2(1.5)0-MF | .012 | .003 | .059 | .002 | .001 | .005 |
| CPMT2(1.5)1-MF | .012 | .004 | .059 | .004 | .002 | .007 |
| CPMT3(2.5)0-MF | .014 | .003 | .079 | .003 | .002 | .006 |
| CPMT3(2.5)1-MF | .014 | .005 | .07 | .005 | .002 | .009 |
| CPMT3(2.5)2-MF | .014 | .005 | .07 | .007 | .004 | .014 |
| DPMT2(1.5)0-MF | .01 | .002 | .052 | .002 | .001 | .005 |
| DPMT2(1.5)1-MF | .01 | .004 | .052 | .004 | .002 | .007 |
| TPMT1.2(1.2)0-MF | .01 | .002 | .052 | .002 | .001 | .005 |
| TPMT1.2(1.2)1-MF | .01 | .004 | .052 | .004 | .002 | .007 |
| TPMT1.8(1.5)0-MF | .012 | .003 | .059 | .003 | .001 | .005 |
| TPMT1.8(1.5)1-MF | .012 | .004 | .059 | .004 | .002 | .008 |
| TPMT220-MF | .012 | .003 | .059 | .003 | .001 | .005 |
| TPMT221-MF | .012 | .004 | .059 | .004 | .002 | .008 |
| TPMT3(2.5)1-MF | .014 | .005 | .07 | .005 | .002 | .009 |
| VCMT220-MF | .012 | .003 | .059 | .003 | .001 | .005 |
| VCMT221-MF | .012 | .004 | .059 | .004 | .002 | .008 |
| WPMT1.2(1)0-MF | .007 | .002 | .035 | .001 | .001 | .003 |
| WPMT1.2(1)1-MF | .007 | .002 | .035 | .002 | .001 | .004 |
| WPMT2(1.5)0-MF | .01 | .002 | .052 | .002 | .001 | .004 |
| WPMT2(1.5)1-MF | .01 | .004 | .052 | .003 | .002 | .006 |
| CPMT2(1.5)1-KF | .012 | .004 | .059 | .004 | .002 | .007 |
| DPMT2(1.5)1-KF | .01 | .004 | .052 | .004 | .002 | .007 |
| TPMT1.2(1.2)1-KF | .01 | .004 | .052 | .004 | .002 | .007 |
| TPMT1.8(1.5)1-KF | .012 | .004 | .059 | .004 | .002 | .008 |
| TPMT221-KF | .012 | .004 | .059 | .004 | .002 | .008 |
| TPMT3(2.5)1-KF | .014 | .005 | .07 | .005 | .002 | .009 |
| VCMT221-KF | .012 | .004 | .059 | .004 | .002 | .008 |
| WPMT2(1.5)1-KF | .01 | .004 | .052 | .003 | .002 | .006 |
| CPMT2(1.5)1-PM | .028 | .011 | .094 | .005 | .004 | .009 |
| CPMT2(1.5)2-PM | .028 | .023 | .094 | .007 | .005 | .011 |
| CPMT3(2.5)1-PM | .025 | .01 | .118 | .006 | .003 | .009 |
| CPMT3(2.5)2-PM | .031 | .02 | .118 | .008 | .004 | .012 |
| DPMT2(1.5)1-PM | .027 | .011 | .089 | .005 | .004 | .009 |
| DPMT2(1.5)2-PM | .027 | .021 | .089 | .007 | .005 | .011 |
| DPMT3(2.5)1-PM | .035 | .014 | .118 | .007 | .005 | .012 |
| DPMT3(2.5)2-PM | .035 | .028 | .118 | .009 | .006 | .015 |
| TPMT1.8(1.5)1-PM | .027 | .011 | .089 | .005 | .004 | .009 |
| TPMT1.8(1.5)2-PM | .027 | .021 | .089 | .007 | .005 | .011 |
| TPMT221-PM | .03 | .012 | .098 | .006 | .004 | .01 |
| TPMT222-PM | .03 | .024 | .098 | .008 | .005 | .013 |
| TPMT3(2.5)1-PM | .035 | .014 | .118 | .007 | .005 | .012 |
| TPMT3(2.5)2-PM | .035 | .028 | .118 | .009 | .006 | .015 |
| VCMT221-PM | .03 | .012 | .1 | .006 | .004 | .01 |
| VCMT222-PM | .03 | .024 | .1 | .008 | .005 | .013 |
| WPMT2(1.5)1-PM | .027 | .011 | .089 | .005 | .004 | .009 |
| WPMT2(1.5)2-PM | .027 | .021 | .089 | .007 | .005 | .011 |
| CPMT2(1.5)1-MM | .028 | .011 | .094 | .005 | .004 | .009 |
| CPMT2(1.5)2-MM | .028 | .023 | .094 | .007 | .005 | .011 |
| CPMT3(2.5)1-MM | .035 | .014 | .118 | .007 | .005 | .012 |
| CPMT3(2.5)2-MM | .035 | .028 | .118 | .009 | .006 | .015 |
| DPMT2(1.5)1-MM | .027 | .011 | .089 | .005 | .004 | .009 |
| DPMT2(1.5)2-MM | .027 | .021 | .089 | .007 | .005 | .011 |
| DPMT3(2.5)1-MM | .035 | .014 | .118 | .007 | .005 | .012 |

| Plaquita | Profundidad recomendada $a_p$ = pulgadas | | | Avance recomendado $f_n$ = pulgadas/r | | |
|---|---|---|---|---|---|---|
| | | Min | Máx. | | Min | Máx. |
| DPMT3(2.5)2-MM | .035 | .028 | .118 | .009 | .006 | .015 |
| TPMT1.8(1.5)1-MM | .027 | .011 | .089 | .005 | .004 | .009 |
| TPMT221-MM | .03 | .012 | .098 | .006 | .004 | .01 |
| TPMT222-MM | .03 | .024 | .098 | .008 | .005 | .013 |
| TPMT3(2.5)1-MM | .035 | .014 | .118 | .007 | .005 | .012 |
| TPMT3(2.5)2-MM | .035 | .028 | .118 | .009 | .006 | .015 |
| VCMT221-MM | .03 | .012 | .1 | .006 | .004 | .01 |
| VCMT222-MM | .03 | .024 | .1 | .008 | .005 | .013 |
| WPMT2(1.5)1-MM | .027 | .011 | .089 | .005 | .004 | .009 |
| WPMT2(1.5)2-MM | .027 | .021 | .089 | .007 | .005 | .011 |
| CPMT2(1.5)1-KM | .028 | .011 | .094 | .005 | .004 | .009 |
| CPMT2(1.5)2-KM | .028 | .023 | .094 | .007 | .005 | .011 |
| DPMT2(1.5)1-KM | .027 | .011 | .089 | .005 | .004 | .009 |
| DPMT2(1.5)2-KM | .027 | .021 | .089 | .007 | .005 | .011 |
| DPMT3(2.5)1-KM | .035 | .014 | .118 | .007 | .005 | .012 |
| DPMT3(2.5)2-KM | .035 | .028 | .118 | .009 | .006 | .015 |
| TPMT1.8(1.5)1-KM | .027 | .011 | .089 | .005 | .004 | .009 |
| TPMT1.8(1.5)2-KM | .027 | .021 | .089 | .007 | .005 | .011 |
| TPMT222-KM | .03 | .024 | .098 | .008 | .005 | .013 |
| TPMT3(2.5)2-KM | .035 | .028 | .118 | .009 | .006 | .015 |
| TPMT3(2.5)3-KM | .035 | .034 | .118 | .011 | .007 | .019 |
| VCMT222-KM | .03 | .024 | .1 | .008 | .005 | .013 |
| | | | | | | |
| **CoroTurn ® TR** | | | | | | |
| TR-DC1304-F | .039 | .006 | .118 | .008 | .003 | .012 |
| TR-DC1308-F | .039 | .006 | .118 | .009 | .004 | .016 |
| TR-DC1308-M | .079 | .020 | .197 | .010 | .004 | .016 |
| TR-DC1312-M | .079 | .020 | .197 | .012 | .006 | .020 |
| TR-VB1302-F | .012 | .002 | .039 | .003 | .001 | .005 |
| TR-VB1304-F | .031 | .004 | .079 | .006 | .002 | .014 |
| TR-VB1308-F | .031 | .004 | .079 | .008 | .004 | .016 |
| TR-VB1312-F | .031 | .004 | .079 | .008 | .004 | .016 |

# Recomendaciones de velocidad de corte, valores métricos

**Las recomendaciones son válidas si se utiliza refrigerante.**

| ISO P | | Acero | Fuerza de corte específica $k_c$ 0.4 | Dureza Brinell | <<<< RESISTENCIA AL DESGASTE | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | CT5005 | CT5015 | GC1525 | GC1515 |
| | | | | | $h_{ex}$, mm ≈ avance $f_n$, mm/r | | | |
| | N.º | | | | 0.05-0.1-0.2 | 0.05-0.1-0.2 | 0.05-0.1-0.2 | 0.1-0.2-0.3 |
| Núm. MC | CMC | Material | N/mm² | HB | Velocidad de corte ($V_c$), m/min | | | |
| | | **Acero no aleado** | | | | | | |
| P1.1.Z.AN | 01.1 | C = 0,1–0,25% | 2000 | 125 | 730-590-485 | 650-540-440 | 560-465-380 | 310-290-255 |
| P1.2.Z.AN | 01.2 | C = 0,25–0,55% | 2100 | 150 | 650-530-420 | 570-480-385 | 495-415-335 | 280-255-245 |
| P1.3.Z.AN | 01.3 | C = 0,55–0,80% | 2200 | 170 | - | 510-425-340 | 430-365-295 | 285-260-230 |
| | | **Acero de baja aleación** (elementos de aleación ≤5%) | | | | | | |
| P2.1.Z.AN | 02.1 | No templado | 2150 | 180 | 530-450-360 | 480-400-320 | 375-320-255 | 295-200-125 |
| P2.1.Z.AN | 02.12 | Acero para rodamientos de bola | 2300 | 210 | - | - | - | - |
| P2.5.Z.HT | 02.2 | Endurecido y templado | 2550 | 275 | 395-325-250 | 285-235-190 | 200-165-135 | 195-100-40 |
| P2.5.Z.HT | 02.2 | Endurecido y templado | 2850 | 350 | 320-260-200 | 230-190-150 | 160-135-110 | 160-80-34 |
| | | **Acero de alta aleación** (elementos de aleación >5%) | | | | | | |
| P3.0.Z.AN | 03.11 | Recocido | 2500 | 200 | - | 395-330-250 | 260-215-175 | - |
| P3.0.Z.HT | 03.21 | Acero de herram. templado | 3900 | 325 | - | 195-165-130 | 145-115-90 | - |
| | | **Acero fundido** | | | | | | |
| P1.5.C.UT | 06.1 | No aleado | 2000 | 180 | - | 260-215-175 | 225-185-145 | - |
| P2.6.C.UT | 06.2 | De baja aleación (elementos de aleación ≤5%) | 2100 | 200 | - | 270-225-170 | 175-145-105 | - |
| P3.0.C.UT | 06.3 | Alta aleación (elementos de aleación >5%) | 2650 | 225 | - | 200-165-125 | 140-115-85 | - |

| ISO M | | Acero inoxidable | Fuerza de corte específica $k_c$ 0.4 | Dureza Brinell | <<<< RESISTENCIA AL DESGASTE | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | GC1525 | GC1005 | GC1105 | GC1115 |
| | | | | | $h_{ex}$, mm ≈ avance $f_n$, mm/r | | | |
| | N.º | | | | 0.1-0.2 | 0.1-0.2-0.3 | 0.1-0.2-0.3 | 0.1-0.2-0.3 |
| Núm. MC | CMC | Material | N/mm² | HB | Velocidad de corte ($V_c$), m/min | | | |
| | | **Ferrítico/martensítico** | | | | | | |
| | | **Barras/forjadas** | | | | | | |
| P5.0.Z.AN | 05.11 | No templado | 2300 | 200 | 290-240 | 380-305-245 | 380-305-245 | 335-255-200 |
| P5.0.Z.PH | 05.12 | Templado PH | 3550 | 330 | 170-150 | 350-280-225 | 350-280-225 | 185-150-120 |
| P5.0.Z.HT | 05.13 | Templado | 2850 | 330 | 170-150 | 245-195-160 | 245-195-160 | 200-160-140 |
| | | **Austenítico** | | | | | | |
| | | **Barras/forjadas** | | | | | | |
| M1.0.Z.AQ | 05.21 | Austenítico | 2300 | 180 | 220-195 | 410-330-265 | 410-330-265 | 265-215-165 |
| M1.0.Z.PH | 05.22 | Templado PH | 3550 | 330 | 195-170 | 220-175-145 | 220-175-145 | 185-150-120 |
| M2.0.Z.AQ | 05.23 | Super austenítico | 2950 | 200 | 145-130 | 245-200-160 | 245-200-160 | 220-190-155 |
| | | **Austenítico-ferrítico (Dúplex)** | | | | | | |
| | | **Barras/forjadas** | | | | | | |
| M3.1.Z.AQ | 05.51 | No soldable ≥ 0,05% C | 2550 | 230 | - | 315-255-205 | 315-255-205 | 250-205-155 |
| M3.2.Z.AQ | 05.52 | Soldable < 0,05% C | 3050 | 260 | - | 280-225-185 | 280-225-185 | 230-170-130 |
| | | **Ferrítico/martensítico** | | | | | | |
| | | **Fundición** | | | | | | |
| P5.0.C.UT | 15.11 | No templado | 2100 | 200 | - | - | 320-265-205 | 320-265-205 |
| | 15.12 | Templado PH | 3150 | 330 | - | - | 160-130-95 | 160-130-95 |
| P5.0.C.HT | 15.13 | Templado | 2650 | 330 | - | - | 175-145-110 | 175-145-110 |
| | | **Austenítico** | | | | | | |
| | | **Fundición** | | | | | | |
| M1.0.C.UT | 15.21 | Austenítico | 2200 | 180 | - | - | 280-225-170 | 280-225-170 |
| | 15.22 | Templado PH | 3150 | 330 | - | - | 160-130-95 | 160-130-95 |
| M2.0.C.AQ | 15.23 | Super austenítico | 2700 | 200 | - | - | 210-180-150 | 210-180-150 |
| | | **Austenítico-ferrítico (Dúplex)** | | | | | | |
| | | **Fundición** | | | | | | |
| M3.1.C.AQ | 15.51 | No soldable ≥ 0,05% C | 2250 | 230 | - | - | 230-170-120 | 230-170-120 |
| M3.2.C.AQ | 15.52 | Soldable < 0,05% C | 2750 | 260 | - | - | 205-155-110 | 205-155-110 |

| ISO K | | | Fuerza de corte específica $k_c$ 0.4 | Dureza Brinell | <<<< RESISTENCIA AL DESGASTE | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | CB50 | CB7525 | CB7925 | CC620 |
| | | | | | $h_{ex}$, mm ≈ avance $f_n$, mm/r | | | |
| | N.º | | | | 0.1-0.25-0.4 | 0.1-0.25-0.4 | 0.1-0.25-0.4 | 0.1-0.25-0.4 |
| Núm. MC | CMC | Material | N/mm² | HB | Velocidad de corte ($V_c$), m/min | | | |
| | | **Fundición maleable** | | | | | | |
| | 07.1 | Ferrítica (viruta corta) | 940 | 130 | - | - | - | 800-700-600 |
| K1.1.C.NS | 07.2 | Perlítica (viruta larga) | 1100 | 230 | - | - | - | 700-590-500 |
| | | **Fundición gris** | | | | | | |
| K2.1.C.UT | 08.1 | Baja resistencia a la tracción | 1100 | 180 | 1700-1450-1200 | 1700-1450-1200 | 1450-1200-1050 | 800-700-600 |
| K2.2.C.UT | 08.2 | Alta resistencia a la tracción | 1150 | 220 | 1450-1250-1050 | 1450-1250-1050 | 1250-1050-890 | 760-650-540 |
| | | **Hierro SG nodular** | | | | | | |
| K3.1.C.UT | 09.1 | Ferrítica | 1050 | 160 | - | - | - | - |
| K3.3.C.UT | 09.2 | Perlítica | 1750 | 250 | - | - | - | - |
| K3.4.C.UT | 09.3 | Martensítica | 2700 | 380 | - | - | - | - |



SANDVIK Coromant

# Recomendaciones de velocidad de corte, valores métricos

| TENACIDAD >>>> | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **GC1025** | **GC1125** | **GC3005** | **GC4205** | **GC4215** | **GC4225** | **GC2015** | **GC4235** | **GC2025** | **GC235** | |
| 0.1-0.2-0.3 | 0.1-0.2-0.3 | 0.1-0.3-0.5 | 0.1-0.4-0.8 | 0.1-0.4-0.8 | 0.1-0.4-0.8 | 0.1-0.4-0.8 | 0.1-0.4-0.8 | 0.1-0.4-0.8 | 0.1-0.4-0.8 | |
| 310-290-255 | 310-290-255 | 520-415-340 | 620-450-330 | 570-405-300 | 510-345-245 | 440-300-210 | 425-275-200 | 295-200-145 | 185-135-95 | |
| 280-255-225 | 280-255-225 | 470-370-305 | 560-405-295 | 510-365-265 | 455-305-215 | 400-270-190 | 380-245-180 | 265-180-130 | 165-120-85 | |
| 260-235-210 | 260-235-210 | 445-355-290 | 530-385-275 | 460-330-240 | 425-290-205 | 370-250-175 | 365-235-170 | 250-170-120 | 155-115-80 | |
| - | - | 500-375-300 | 610-410-285 | 560-370-260 | 460-305-215 | 395-265-190 | 300-185-135 | 220-145-100 | 155-110-70 | |
| - | - | - | 530-350-250 | 460-305-215 | 395-265-190 | 350-230-160 | 250-155-110 | 195-125-85 | - | |
| - | - | 275-215-175 | 330-230-175 | 300-210-155 | 255-180-140 | 260-180-140 | 185-120-85 | 145-95-65 | 110-70-50 | |
| - | - | 225-170-140 | 265-185-140 | 240-170-125 | 205-145-110 | 210-145-115 | 150-95-70 | 115-75-50 | 85-55-39 | |
| - | - | 370-275-225 | 445-295-215 | 405-270-200 | 300-205-150 | 260-180-130 | 240-155-105 | 185-125-85 | 145-100-65 | |
| - | - | 180-130-105 | 220-140-105 | 200-130-95 | 135-95-75 | 115-85-65 | 110-70-50 | 85-55-38 | 65-45-30 | |
| - | - | 275-220-185 | 335-235-185 | 300-215-170 | 240-180-130 | 210-155-110 | 185-140-100 | 140-105-80 | 100-80-60 | |
| - | - | 270-200-170 | 290-205-155 | 260-185-140 | 210-140-100 | 180-120-85 | 165-100-70 | 125-80-55 | 95-65-45 | |
| - | - | 205-155-130 | 225-150-115 | 205-135-105 | 185-125-90 | 160-110-75 | 145-95-65 | 110-75-50 | 80-60-39 | |

| TENACIDAD >>>> | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **GC1515** | **GC1025** | **GC1125** | **GC4225** | **GC2015** | **GC4235** | **GC2025** | **GC2035** | **GC235** | | |
| 0.1-0.2-0.3 | 0.1-0.2-0.3 | 0.1-0.2-0.3 | 0.2-0.4-0.6 | 0.2-0.4-0.6 | 0.2-0.4-0.6 | 0.2-0.4-0.6 | 0.2-0.4-0.6 | 0.2-0.4-0.6 | | |
| 305-235-185 | 280-215-170 | 280-215-170 | 280-235-210 | 260-220-200 | 235-200-180 | 230-175-135 | 180-160-130 | 130-110-90 | | |
| 170-135-110 | 155-125-100 | 155-125-100 | 130-105-80 | 125-100-80 | 90-65-55 | 110-70-50 | 85-65-45 | 70-55-45 | | |
| 180-150-130 | 165-135-120 | 165-135-120 | 160-130-95 | 145-120-85 | 105-75-50 | 120-80-55 | 95-70-50 | 75-60-50 | | |
| 245-195-150 | 220-180-135 | 220-180-135 | 295-235-200 | 290-240-190 | 205-160-125 | 240-175-130 | 170-145-115 | 115-100-85 | | |
| 170-135-110 | 155-125-100 | 155-125-100 | 130-100-85 | 130-100-80 | 100-75-60 | 100-70-55 | 85-65-45 | 70-55-45 | | |
| 205-175-145 | 185-160-130 | 185-160-130 | 180-160-115 | 160-135-100 | 140-110-85 | 130-100-75 | 100-90-70 | 85-70-60 | | |
| 230-185-145 | 210-170-130 | 210-170-130 | 250-215-170 | 220-185-145 | 190-145-115 | 190-150-110 | 160-135-105 | 105-95-80 | | |
| 210-155-120 | 190-140-110 | 190-140-110 | 210-175-135 | 190-150-120 | 135-120-110 | 150-120-90 | 130-110-85 | 95-80-70 | | |
| 290-240-185 | 265-220-170 | 265-220-170 | 270-225-185 | 250-210-170 | 205-170-155 | 220-160-120 | 170-145-115 | 115-100-85 | | |
| 150-120-90 | 135-110-80 | 135-110-80 | 110-80-65 | 100-70-55 | 75-55-45 | 85-55-40 | 70-50-40 | 60-45-35 | | |
| 160-130-100 | 145-120-90 | 145-120-90 | 120-100-70 | 110-90-60 | 90-65-50 | 120-80-55 | 75-60-50 | 65-50-40 | | |
| 255-205-160 | 230-185-145 | 230-185-145 | 220-180-150 | 220-180-140 | 165-125-100 | 200-155-115 | 150-120-95 | 100-90-75 | | |
| 150-120-90 | 135-110-80 | 135-110-80 | 110-80-65 | 105-80-60 | 75-55-45 | 85-55-40 | 70-50-40 | 65-45-33 | | |
| 195-165-135 | 175-150-125 | 175-150-125 | 170-130-110 | 145-115-95 | 120-90-75 | 130-90-65 | 100-80-60 | 80-65-55 | | |
| 210-155-110 | 190-140-100 | 190-140-100 | 215-175-150 | 185-150-135 | 170-130-105 | 150-120-90 | 130-110-85 | 95-80-70 | | |
| 185-145-100 | 170-130-90 | 170-130-90 | 185-165-120 | 160-140-105 | 120-105-100 | 125-105-80 | 105-95-75 | 90-75-65 | | |

| TENACIDAD >>>> | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **CC650** | **CC6190** | **CC1690** | **CT5015** | **GC3205** | **GC3210** | **GC3215** | **GC3005** | **H13A** | | |
| 0.1-0.25-0.4 | 0.2-0.4-0.6 | 0.2-0.4-0.6 | 0.1-0.2-0.3 | 0.2-0.4-0.6 | 0.2-0.4-0.6 | 0.2-0.4-0.6 | 0.2-0.4-0.6 | 0.1-0.3-0.5 | | |
| 800-700-600 | 810-660-550 | 740-600-500 | 200-165-135 | 460-380-325 | 385-315-265 | 260-215-185 | 250-210-185 | 140-125-110 | | |
| 700-600-500 | 700-550-440 | 640-500-400 | 140-115-95 | 375-310-265 | 315-255-215 | 210-175-150 | 235-190-150 | 125-110-90 | | |
| 800-700-600 | 890-720-600 | 740-600-500 | 320-260-220 | 530-435-375 | 445-360-305 | 300-250-210 | 275-245-225 | 180-145-110 | | |
| 760-650-540 | 790-620-500 | 690-540-435 | 280-235-205 | 425-350-300 | 355-290-245 | 240-200-170 | 260-225-200 | 140-115-95 | | |
| 610-550-450 | - | 580-450-345 | 255-200-160 | 390-330-275 | 360-305-250 | 240-195-165 | 265-215-180 | 135-125-95 | | |
| 510-450-350 | - | 480-350-250 | 230-195-170 | 350-300-250 | 325-275-225 | 215-175-150 | 240-195-160 | 125-115-90 | | |
| 350-305-260 | - | 325-260-220 | 115-95-85 | 265-225-190 | 245-210-170 | 165-135-115 | 185-140-110 | 100-85-65 | | |

# Recomendaciones de velocidad de corte, valores métricos

**Las recomendaciones son válidas si se utiliza refrigerante.**

| ISO N | | Metales no-férreos | Fuerza de corte específica $k_c$ 0.4 | Dureza Brinell | <<<< RESISTENCIA AL DESGASTE | | |
|---|---|---|---|---|---|---|---|
| | | | | | CD10 | CD1810 | H10 |
| | | | | | $h_{ex}$, mm ≈ feed $f_n$, mm/r | | |
| | | | | | 0.05-0.4 | 0.15-0.8 | 0.15-0.8 |
| Núm. MC | N.º CMC | Material | N/mm² | HB | Velocidad de corte ($V_c$), m/min | | |
| | | **Aleaciones de aluminio** | | | | | |
| N1.2.Z.UT | 30.11 | Forjadas o forjadas y trabajadas en frío, sin envejecimiento | 500 | 60 | 2 000 (2500-250)[1] | 2 000 (2500-250)[1] | 2 000 (2500-250)[1] |
| N1.2.Z.AG | 30.12 | Forjadas o forjadas y envejecidas | 800 | 100 | 2 000 (2500-250)[1] | 2 000 (2500-250)[1] | 2 000 (2500-250)[1] |
| | | **Aleaciones de aluminio** | | | | | |
| N1.3.C.UT | 30.21 | Fundida, no envejecida | 750 | 75 | 2 000 (2500-250)[1] | 2 000 (2500-250)[1] | 2 000 (2500-250)[1] |
| N1.3.C.AG | 30.22 | Fundición, o fundición y envejecidas | 900 | 90 | 2 000 (2500-250)[1] | 2 000 (2500-250)[1] | 2 000 (2500-250)[1] |
| | | **Aleaciones de aluminio** | | | | | |
| | 30.41 | Fundidas, 13–15% Si | 950 | 130 | 1 550 (1950-195)[1] | 770 (960-95)[1] | 450 (560-55)[1] |
| N1.4.C.NS | 30.42 | Fundidas, 16–22% Si | 950 | 130 | 770 (960-95)[1] | 510 (640-65)[1] | 300 (375-38)[1] |
| | | **Cobre y aleaciones de cobre** | | | | | |
| N3.3.U.UT | 33.1 | Aleaciones de fácil mecanización, ≥1% Pb | 700 | 110 | 500 (630-65)[1] | 500 (630-65)[1] | 500 (630-65)[1] |
| N3.2.C.UT | 33.2 | Latón, bronces con plomo, ≤1% Pb | 700 | 90 | 500 (630-65)[1] | 500 (630-65)[1] | 500 (630-65)[1] |
| N3.1.U.UT | 33.3 | Bronce y cobre sin plomo, incl. cobre electrolítico | 1750 | 100 | 300 (375-38)[1] | 300 (375-38)[1] | 300 (375-38)[1] |

| ISO S | | Material termo-resistente | Fuerza de corte específica $k_c$ 0.4 | Dureza Brinell | <<<< RESISTENCIA AL DESGASTE | | |
|---|---|---|---|---|---|---|---|
| | | | | | CC650 | CC6060 | CC6065 |
| | | | | | $h_{ex}$, mm ≈ feed $f_n$, mm/r | | |
| | | | | | 0.1 - 0.2 | 0.1-0.2-0.3 | 0.1-0.2-0.3 |
| Núm. MC | N.º CMC | Material | N/mm² | HB | Velocidad de corte ($V_c$), m/min | | |
| | | **Superaleaciones termorresistentes Base de hierro** | | | | | |
| S1.0.U.AN | 20.11 | Recocidas o tratadas en solución | 3000 | 200 | - | - | - |
| S1.0.U.AG | 20.12 | Envejecidas o tratadas en solución y envejecidas | 3050 | 280 | - | - | - |
| | | **Base de níquel** | | | | | |
| S2.0.Z.AN | 20.21 | Recocidas o tratadas en solución | 3300 | 250 | 400-320 | 400-325-270 | 330-255-200 |
| S2.0.Z.AG | 20.22 | Envejecidas o tratadas en solución y envejecidas | 3600 | 350 | 340-265 | 300-235-190 | 240-175-130 |
| S2.0.C.NS | 20.24 | Fundición, o fundición y envejecido | 3700 | 320 | 220-160 | 240-205-175 | 215-180-150 |
| | | **Base de cobalto** | | | | | |
| S3.0.Z.AN | 20.31 | Recocidas o tratadas en solución | 3300 | 200 | 345-260 | - | - |
| S3.0.Z.AG | 20.32 | Tratadas en solución y envejecidas | 3700 | 300 | 300-225 | - | - |
| S3.0.C.NS | 20.33 | Fundición, o fundición y envejecido | 3800 | 320 | 285-225 | - | - |
| | | | | | **H10** | **GC1105** | **H10A** |
| | | **Aleaciones de titanio2)** | | **Rm[3]** | 0.1-0.2-0.3 | 0.1-0.2-0.3 | 0.1-0.3-0.5 |
| S4.1.Z.UT | 23.1 | Comercial puro (99.5% Ti) | 1550 | 400 | 205-170-145 | 205-170-145 | 195-160-135 |
| S4.2.Z.AN | 23.21 | Aleaciones α, cerca de α y α + β, aleaciones | 1700 | 950 | 85-70-55 | 85-70-55 | 80-65-55 |
| S4.3.Z.AG | 23.22 | α + β envejecidas, aleaciones β recocidas o envejecidas | 1700 | 1050 | 80-60-50 | 80-60-50 | 80-60-50 |

| ISO H | | Material templado | Fuerza de corte específica $k_c$ 0.4 | Dureza Brinell | <<<< RESISTENCIA AL DESGASTE | | |
|---|---|---|---|---|---|---|---|
| | | | | | CB7015 | CB7025 | CB20 |
| | | | | | $h_{ex}$, mm ≈ feed $f_n$, mm/r | | |
| | | | | | 0.05-0.15-0.25 | 0.05-0.15-0.25 | 0.05-0.15-0.25 |
| Núm. MC | N.º CMC | Material | N/mm² | HB | Velocidad de corte ($V_c$), m/min | | |
| | | **Acero duro** | | | | | |
| H1.1.Z.HA | 04.1 | Endurecido y templado | 3250 | *45HRC* | - | - | - |
| H1.1.Z.HA | 04.1 | | 3950 | *50HRC* | 350-265-225 | 250-210-185 | 260-230-205 |
| H1.2.Z.HA | 04.1 | | 4700 | *55HRC* | 295-225-185 | 210-175-155 | 215-195-170 |
| | | **Acero extraduro** | | | | | |
| H1.3.Z.HA | 04.1 | Endurecido y templado | 5550 | *60HRC* | 250-190-160 | 180-150-135 | 185-165-145 |
| H1.4.Z.HA | 04.1 | | 6450 | *65HRC* | 215-165-135 | 155-130-115 | 160-140-125 |
| | | **Fundición en coquilla** | | | | | |
| H2.0.C.UT | 10.1 | Fundidas o fundidas y envejecidas | 2800 | 400 | - | - | - |

1) Las velocidades de corte indicadas en la tabla son válidas para todos los avances comprendidos en la gama de avances.

2) Se debe utilizar un ángulo de posición de 45-60°, geometría de corte positiva y refrigerante.

3) Rm = resistencia a la tracción última, medida en MPa.



SANDVIK Coromant

# Recomendaciones de velocidad de corte, valores métricos

| TENACIDAD >>>> | | | | | | | |
|---|---|---|---|---|---|---|---|
| **H13A** | **GC1115** | **GC1025** | **GC1125** | | | | |
| 0.15-0.8 | 0.15-0.8 | 0.15-0.8 | 0.15-0.8 | | | | |
| 1 900 (2400-240)[1)] | 810 (1000-100)[1)] | 770 (960-95)[1)] | 770 (960-95)[1)] | | | | |
| 1 900 (2400-240)[1)] | 315 (395-39)[1)] | 300 (375-38)[1)] | 300 (375-38)[1)] | | | | |
| 1 900 (2400-240)[1)] | 810 (1000-100)[1)] | 770 (960-95)[1)] | 770 (960-95)[1)] | | | | |
| 1 900 (2400-240)[1)] | 540 (680-70)[1)] | 510 (640-65)[1)] | 510 (640-65)[1)] | | | | |
| 400 (500-50)[1)] | 315 (395-39)[1)] | 300 (375-38)[1)] | 300 (375-38)[1)] | | | | |
| 250 (315-31)[1)] | 220 (275-28)[1)] | 210 (265-26)[1)] | 210 (265-26)[1)] | | | | |
| 450 (560-55)[1)] | 210 (265-26)[1)] | 200 (250-25)[1)] | 200 (250-25)[1)] | | | | |
| 450 (560-55)[1)] | 125 (155-16)[1)] | 120 (150-15)[1)] | 120 (150-15)[1)] | | | | |
| 270 (340-34)[1)] | 90 (115-11)[1)] | 85 (105-11)[1)] | 85 (105-11)[1)] | | | | |

| TENACIDAD >>>> | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **CC670** | **S05F** | **GC1105** | **GC1115** | **GC1005** | **H10A** | **H13A** | **GC1025** | **GC1125** | **H10F** |
| 0.1-0.2-0.3 | 0.1-0.2-0.3 | 0.1-0.3-0.5 | 0.1-0.3-0.5 | 0.1-0.3-0.5 | 0.1-0.3-0.5 | 0.1-0.3-0.5 | 0.1-0.3-0.5 | 0.1-0.2-0.5 | 0.1-0.3-0.5 |
| - | 160-135-110 | 150-100-70 | 120-80-55 | 150-100-70 | 85-70-55 | 80-65-50 | 75-60-45 | 75-60-45 | 70-55-40 |
| - | 125-105-85 | 120-80-60 | 95-65-50 | 120-80-60 | 65-55-40 | 60-50-40 | 55-45-35 | 55-45-35 | 50-40-30 |
| 385-315-270 | 100-85-70 | 90-55-30 | 70-45-24 | 90-55-30 | 55-40-32 | 50-40-30 | 45-35-25 | 45-35-25 | 40-30-20 |
| 325-270-230 | 90-75-60 | 80-50-27 | 65-40-22 | 80-50-27 | 40-32-21 | 40-30-20 | 35-25-15 | 35-25-15 | 30-20-10 |
| 295-245-210 | 80-65-55 | 70-45-24 | 60-37-19 | 70-45-24 | 26-21-16 | 25-20-15 | 23-17-12 | 23-17-12 | 20-15-10 |
| 345-255-205 | 100-85-70 | 90-60-30 | 70-45-24 | 90-60-30 | 55-40-32 | 50-40-30 | 45-35-25 | 45-35-25 | 40-30-20 |
| 300-225-175 | 90-75-60 | 80-50-27 | 65-40-21 | 80-50-27 | 40-32-21 | 40-30-20 | 35-25-15 | 35-25-15 | 30-20-10 |
| 285-225-170 | 80-65-55 | 70-45-24 | 60-37-19 | 70-45-24 | 26-21-16 | 25-20-15 | 23-17-12 | 23-17-12 | 20-15-10 |

| **H13A** | **H10F** | **GC1115** | **GC1025** |
|---|---|---|---|
| 0.1-0.3-0.5 | 0.1-0.3-0.5 | 0.1-0.3-0.5 | 0.1-0.3-0.5 |
| 180-150-125 | 160-135-115 | 185-155-130 | 160-135-115 |
| 75-60-50 | 65-55-45 | 80-65-50 | 65-55-45 |
| 70-55-45 | 65-50-40 | 75-55-45 | 65-50-40 |

| TENACIDAD >>>> | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **CB7035** | **CB7525/CB50** | **CB7925** | **CC6050** | **CC650** | **CC670** | **GC4205** | **GC4215** | **H13A** |
| 0.1-0.25-0.4 | 0.1-0.25-0.4 | 0.1-0.25-0.4 | 0.05-0.15-0.25 | 0.1-0.25-0.4 | 0.1-0.25-0.4 | 0.1-0.3-0.6 | 0.1-0.3-0.6 | 0.1-0.3-0.6 |
| - | - | - | 290-235-175 | 205-155-100 | 205-170-135 | 70-45-29 | 65-40-26 | 45-25-16 |
| 215-175-155 | 205-165-135 | - | 240-195-145 | 170-125-85 | 165-140-110 | - | - | - |
| 180-150-130 | 175-140-110 | - | 200-165-120 | 140-105-70 | 140-115-95 | - | - | - |
| 155-125-110 | 145-120-95 | - | 170-140-105 | 120-90-60 | 120-100-80 | - | - | - |
| 135-110-95 | 125-100-80 | - | 145-120-90 | 105-80-50 | 105-85-70 | - | - | - |
| - | 180-150-120 | 180-150-120 | - | 120-90-60 | 120-90-60 | 50-29-17 | 45-26-15 | 35-20-11 |

# Recomendaciones de velocidad de corte, valores en pulgadas

**Las recomendaciones son válidas si se utiliza refrigerante.**

| ISO P | | Acero | Fuerza de corte específica kc 0,016 | Dureza Brinell | <<<< RESISTENCIA AL DESGASTE | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | CT5005 | CT5015 | GC1525 | GC1515 | GC1025 |
| | | | | | $h_{ex}$, pulgadas ≈ avance, $f_n$ pulgadas/rev. a 0° a -5° avance | | | | |
| | N.º | | | | .002-.004-.008 | .002-.004-.008 | .002-.004-.008 | .004-.008-.012 | .004-.008-.012 |
| Núm. MC | CMC | Material | lbs/pulg.² | HB | Velocidad de corte $v_c$, p/min | | | | |
| | | **Acero no aleado** | | | | | | | |
| P1.1.Z.AN | 01.1 | C = 0.1–0.25% | 288,500 | 125 | 2400-1950-1600 | 2150-1800-1450 | 1850-1500-1250 | 1000-950-830 | 1000-950-830 |
| P1.2.Z.AN | 01.2 | C = 0.25–0.55% | 306,000 | 150 | 2150-1750-1350 | 1900-1550-1250 | 1600-1350-1100 | 1000-910-810 | 920-830-730 |
| P1.3.Z.AN | 01.3 | C = 0.55–0.80% | 317,000 | 170 | - | 1650-1400-1100 | 1400-1200-960 | 940-850-750 | 850-770-690 |
| | | **Acero de baja aleación** (elementos de aleación ≤5%) | | | | | | | |
| P2.1.Z.AN | 02.1 | No templado | 308,000 | 180 | 1750-1450-1150 | 1550-1300-1050 | 1250-1050-830 | 960-650-405 | - |
| P2.1.Z.AN | 02.12 | Acero para rodamientos de bola | 336,500 | 210 | - | - | - | - | - |
| P2.5.Z.HT | 02.2 | Endurecido y templado | 371,500 | 275 | 1300-1050-810 | 920-770-610 | 650-540-435 | 640-320-130 | - |
| P2.5.Z.HT | 02.2 | Endurecido y templado | 413,500 | 350 | 1050-850-650 | 740-620-495 | 520-435-350 | 520-255-105 | - |
| | | **Acero de alta aleación** (elementos de aleación >5%) | | | | | | | |
| P3.0.Z.AN | 03.11 | Recocido | 361,500 | 200 | - | 1300-1050-820 | 840-710-570 | - | - |
| P3.0.Z.HT | 03.21 | Acero de herram. templado | 563,500 | 325 | - | 640-530-420 | 465-370-290 | - | - |
| | | **Acero fundido** | | | | | | | |
| P1.5.C.UT | 06.1 | No aleado | 289,000 | 180 | - | 850-700-570 | 740-600-470 | - | - |
| P2.6.C.UT | 06.2 | De baja aleación (elementos de aleación ≤5%) | 302,500 | 200 | - | 880-730-550 | 580-470-345 | - | - |
| P3.0.C.UT | 06.3 | Alta aleación (elementos de aleación >5%) | 385,000 | 225 | - | 660-550-410 | 460-365-280 | - | - |

| ISO M | | Acero inoxidable | Fuerza de corte específica kc 0,016 | Dureza Brinell | <<<< RESISTENCIA AL DESGASTE | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | GC1525 | GC1005 | GC1105 | GC1115 | GC1515 |
| | | | | | $h_{ex}$, pulgadas ≈ avance, $f_n$ pulgadas/rev. a 0° a -5° avance | | | | |
| | N.º | | | | .004-.008 | .004-.008-.012 | .004-.008-.012 | .004-.008-.012 | .004-.008-.012 |
| Núm. MC | CMC | Material | lbs/pulg.² | HB | Velocidad de corte $v_c$, p/min | | | | |
| | | **Ferrítico/martensítico Barras/forjadas** | | | | | | | |
| P5.0.Z.AN | 05.11 | No templado | 334,500 | 200 | 950-790 | 1250-990-800 | 1250-990-800 | 1100-840-650 | 1000-770-600 |
| P5.0.Z.PH | 05.12 | Templado PH | 514,500 | 330 | 560-490 | 1150-910-740 | 1150-910-740 | 610-490-390 | 560-445-355 |
| P5.0.Z.HT | 05.13 | Templado | 414,000 | 330 | 560-490 | 790-630-510 | 790-630-510 | 650-530-460 | 590-485-425 |
| | | **Austenítico Barras/forjadas** | | | | | | | |
| M1.0.Z.AQ | 05.21 | Austenítico | 337,000 | 180 | 720-640 | 1350-1050-870 | 1350-1050-870 | 870-700-530 | 800-640-490 |
| M1.0.Z.PH | 05.22 | Templado PH | 517,500 | 330 | 630-560 | 720-580-470 | 720-580-470 | 610-490-390 | 560-445-355 |
| M2.0.Z.AQ | 05.23 | Super austenítico | 428,000 | 200 | 485-430 | 810-640-520 | 810-640-520 | 730-630-510 | 670-570-465 |
| | | **Austenítico-ferrítico (Dúplex) Barras/forjadas** | | | | | | | |
| M3.1.Z.AQ | 05.51 | No soldable ≥ 0,05% C | 372,500 | 230 | - | 1050-820-670 | 1050-820-670 | 830-660-510 | 760-610-465 |
| M3.2.Z.AQ | 05.52 | Soldable < 0,05% C | 445,500 | 260 | - | 920-740-600 | 920-740-600 | 740-550-430 | 680-500-390 |
| | | **Ferrítico/martensítico Fundición** | | | | | | | |
| P5.0.C.UT | 15.11 | No templado | 304,500 | 200 | - | - | - | 1050-860-660 | 960-790-610 |
| | 15.12 | Templado PH | 453,500 | 330 | - | - | - | 530-430-310 | 490-395-285 |
| P5.0.C.HT | 15.13 | Templado | 385,000 | 330 | - | - | - | 570-470-350 | 520-430-320 |
| | | **Austenítico Fundición** | | | | | | | |
| M1.0.C.UT | 15.21 | Austenítico | 316,500 | 180 | - | - | - | 910-730-560 | 830-670-510 |
| | 15.22 | Templado PH | 456,000 | 330 | - | - | - | 530-430-310 | 485-395-285 |
| M2.0.C.AQ | 15.23 | Super austenítico | 390,000 | 200 | - | - | - | 690-590-490 | 630-540-445 |
| | | **Austenítico-ferrítico (Dúplex) Fundición** | | | | | | | |
| M3.1.C.AQ | 15.51 | No soldable ≥ 0,05% C | 329,500 | 230 | - | - | - | 750-550-390 | 680-500-355 |
| M3.2.C.AQ | 15.52 | Soldable < 0,05% C | 401,000 | 260 | - | - | - | 670-510-350 | 610-465-320 |

| ISO K | | Fundición | Fuerza de corte específica kc 0,016 | Dureza Brinell | <<<< RESISTENCIA AL DESGASTE | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | CB50 | CB7525 | CB7925 | CC620 | CC650 |
| | | | | | $h_{ex}$, pulgadas ≈ avance, $f_n$ pulgadas/rev. a 0° a -5° avance | | | | |
| | N.º | | | | .004-.010-.016 | .004-.010-.016 | **.004-.010-.016** | .004-.010-.016 | .004-.010-.016 |
| Núm. MC | CMC | Material | lbs/pulg.² | HB | Velocidad de corte $v_c$, p/min | | | | |
| | | **Fundición maleable** | | | | | | | |
| | 07.1 | Ferrítica (viruta corta) | 136,500 | 130 | - | - | - | 2600-2300-1950 | 2600-2300-1950 |
| K1.1.C.NS | 07.2 | Perlítica (viruta larga) | 160,000 | 230 | - | - | - | 2300-1950-1650 | 2300-1950-1600 |
| | | **Fundición gris** | | | | | | | |
| K2.1.C.UT | 08.1 | Baja resistencia a la tracción | 158,500 | 180 | 5600-4650-3950 | 5600-4650-3950 | 4750-3950-3400 | 2650-2300-1950 | 2650-2300-1950 |
| K2.2.C.UT | 08.2 | Alta resistencia a la tracción | 164,500 | 220 | 4800-4000-3450 | 4800-4000-3450 | 4100-3400-2900 | 2500-2100-1750 | 2500-2100-1750 |
| | | **Hierro SG nodular** | | | | | | | |
| K3.1.C.UT | 09.1 | Ferrítica | 152,000 | 160 | - | - | - | - | 2000-1800-1450 |
| K3.3.C.UT | 09.2 | Perlítica | 252,000 | 250 | - | - | - | - | 1650-1450-1150 |
| K3.4.C.UT | 09.3 | Martensítica | 390,500 | 380 | - | - | - | - | 1150-1000-860 |



SANDVIK Coromant

# Recomendaciones de velocidad de corte, valores en pulgadas

| TENACIDAD >>>> | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **GC1125** | **GC3005** | **GC4205** | **GC4215** | **GC4225** | **GC2015** | **GC4235** | **GC2025** | **GC235** |
| .004-.008-.012 | .004-.012-.020 | .004-.016-.031 | .004-.016-.031 | .004-.016-.031 | .004-.016-.031 | .004-.016-.031 | .004-.016-.031 | .004-.016-.031 |
| 1000-950-830 | 1700-1350-1100 | 2050-1450-1100 | 1850-1350-990 | 1650-1150-810 | 1450-980-700 | 1400-890-660 | 970-650-480 | 600-435-315 |
| 920-830-730 | 1550-1200-1000 | 1850-1300-970 | 1650-1200-880 | 1500-990-710 | 1300-880-630 | 1250-800-590 | 870-590-430 | 540-390-285 |
| 850-770-690 | 1450-1150-950 | 1750-1250-920 | 1500-1100-790 | 1400-940-680 | 1200-810-580 | 1200-760-560 | 820-550-395 | 510-370-270 |
| - | 1650-1250-980 | 2000-1350-940 | 1800-1200-860 | 1500-1000-710 | 1300-860-630 | 980-600-445 | 720-470-330 | 510-350-235 |
| - | - | 1750-1150-820 | 1500-990-710 | 1300-870-620 | 1150-750-530 | 820-500-365 | 640-405-280 | - |
| - | 910-700-580 | 1050-750-570 | 980-680-510 | 830-590-455 | 850-590-460 | 600-385-280 | 475-310-215 | 355-230-160 |
| - | 730-560-465 | 870-610-460 | 790-550-415 | 670-475-365 | 690-475-375 | 485-310-225 | 380-250-175 | 285-185-130 |
| - | 1200-900-740 | 1450-970-720 | 1350-880-650 | 980-670-500 | 850-590-430 | 780-500-345 | 610-405-280 | 475-325-210 |
| - | 590-425-350 | 710-460-345 | 650-415-315 | 445-310-240 | 375-275-215 | 360-225-165 | 280-180-125 | 215-155-100 |
| - | 910-710-610 | 1100-770-610 | 990-700-550 | 790-580-430 | 690-510-365 | 600-450-335 | 460-345-265 | 335-255-190 |
| - | 880-660-560 | 950-670-510 | 860-610-470 | 690-460-330 | 590-390-280 | 540-320-235 | 410-260-180 | 305-220-155 |
| - | 670-500-420 | 730-490-380 | 660-450-345 | 600-410-295 | 520-360-250 | 470-305-220 | 360-245-165 | 270-190-130 |

| TENACIDAD >>>> | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **GC1025** | **GC1125** | **GC4225** | **GC2015** | **GC4235** | **GC2025** | **GC2035** | **GC235** | |
| .004-.008-.012 | .004-.008-.012 | .004-.016-.024 | .008-.016-.024 | .008-.016-.024 | .008-.016-.024 | .008-.016-.024 | .008-.016-.024 | |
| 910-700-550 | 910-700-550 | 910-770-690 | 850-720-650 | 770-650-580 | 750-570-440 | 590-520-420 | 425-360-295 | |
| 510-405-325 | 510-405-325 | 430-340-255 | 410-325-260 | 290-220-170 | 360-225-160 | 280-210-145 | 230-180-145 | |
| 540-440-385 | 540-440-385 | 520-425-305 | 475-390-275 | 345-245-160 | 390-260-175 | 310-225-160 | 245-195-165 | |
| 730-580-445 | 730-580-445 | 960-770-650 | 950-780-620 | 670-520-400 | 790-570-425 | 560-470-375 | 375-325-275 | |
| 510-405-325 | 510-405-325 | 430-330-275 | 425-325-260 | 330-245-195 | 330-235-175 | 280-210-145 | 230-180-145 | |
| 610-520-420 | 610-520-420 | 590-510-375 | 520-440-325 | 455-350-270 | 425-325-245 | 330-295-225 | 280-230-195 | |
| 690-550-420 | 690-550-420 | 830-700-550 | 720-600-470 | 620-480-365 | 620-485-355 | 520-440-340 | 345-310-260 | |
| 620-455-355 | 620-455-355 | 690-560-445 | 620-490-390 | 440-395-365 | 490-390-290 | 425-360-275 | 310-260-230 | |
| 870-720-550 | 870-720-550 | 880-740-600 | 820-680-550 | 680-560-510 | 720-520-390 | 560-470-375 | 375-325-275 | |
| 445-360-260 | 445-360-260 | 360-255-205 | 325-225-180 | 250-180-145 | 275-180-130 | 230-165-130 | 195-145-115 | |
| 475-390-290 | 475-390-290 | 395-325-220 | 360-290-195 | 300-210-160 | 390-260-175 | 240-190-160 | 215-165-130 | |
| 760-610-465 | 760-610-465 | 720-590-490 | 720-590-455 | 530-410-325 | 660-500-370 | 490-390-310 | 330-295-245 | |
| 445-360-260 | 445-360-260 | 360-255-205 | 345-260-195 | 250-180-145 | 275-180-130 | 230-165-130 | 205-145-110 | |
| 570-490-405 | 570-490-405 | 550-430-360 | 475-375-310 | 400-300-240 | 425-290-210 | 330-260-195 | 260-210-180 | |
| 620-455-325 | 620-455-325 | 700-570-495 | 600-490-440 | 560-425-335 | 490-390-290 | 425-360-275 | 310-260-230 | |
| 560-420-290 | 560-420-290 | 600-530-390 | 530-455-340 | 395-340-325 | 410-340-260 | 345-310-245 | 295-245-210 | |

| TENACIDAD >>>> | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **CC6190** | **CC1690** | **CT5015** | **GC3205** | **GC3210** | **GC3215** | **GC3005** | **H13A** | |
| .008-.016-.024 | .008-.016-.024 | .004-.010-.012 | .008-.016-.024 | .008-.016-.024 | .008-.016-.024 | .008-.016-.024 | .004-.010-.016 | |
| 2650-2150-1800 | 2400-1950-1650 | 650-530-445 | 1500-1250-1050 | 1250-1050-860 | 850-700-600 | 820-690-600 | 460-410-360 | |
| 2300-1800-1450 | 2100-1600-1300 | 455-370-310 | 1250-1000-860 | 1050-830-700 | 690-570-490 | 770-620-485 | 410-360-295 | |
| 2900-2350-1950 | 2400-1950-1650 | 1050-850-710 | 1750-1400-1200 | 1450-1150-990 | 980-820-680 | 900-810-740 | 590-470-355 | |
| 2600-2000-1650 | 2250-1750-1400 | 910-770-670 | 1400-1150-980 | 1150-950-800 | 790-650-550 | 850-730-650 | 460-375-310 | |
| - | 1900-1450-1100 | 840-650-530 | 1300-1100-890 | 1200-990-810 | 780-640-540 | 860-690-590 | 445-470-310 | |
| - | 1600-1150-820 | 740-630-560 | 1150-980-810 | 1050-900-730 | 700-570-490 | 780-630-520 | 410-375-290 | |
| - | 1050-860-710 | 370-315-275 | 870-730-620 | 800-680-550 | 540-440-375 | 600-455-355 | 330-275-210 | |

# Recomendaciones de velocidad de corte, valores en pulgadas

**Las recomendaciones son válidas si se utiliza refrigerante.**

| ISO N | | Metales no-férreos | Fuerza de corte específica $k_c$ 0.4 | Dureza Brinell | <<<< RESISTENCIA AL DESGASTE | | |
|---|---|---|---|---|---|---|---|
| | | | | | CD10 | CD1810 | H10 |
| | | | | | $h_{ex}$, pulgadas ≈ avance, $f_n$ pulgadas/rev. a 0° a -5° | | |
| | N.º | | | | .002-.016 | .006-.031 | .006-.031 |
| Núm. MC | CMC | Material | lbs/pulg.² | HB | Velocidad de corte $v_c$, p/min | | |
| | | **Aleaciones de aluminio** | | | | | |
| N1.2.Z.UT | 30.11 | Forjadas o forjadas y trabajadas en frío, sin envejecimiento | 72,500 | 60 | 6550 (8200-820)[1] | 6550 (8200-820)[1] | 6550 (8200-820)[1] |
| N1.2.Z.AG | 30.12 | Forjadas o forjadas y envejecidas | 116,000 | 100 | 6550 (8200-820)[1] | 6550 (8200-820)[1] | 6550 (8200-820)[1] |
| | | **Aleaciones de aluminio** | | | | | |
| N1.3.C.UT | 30.21 | Fundida, no envejecida | 109,000 | 75 | 6550 (8200-820)[1] | 6550 (8200-820)[1] | 6550 (8200-820)[1] |
| N1.3.C.AG | 30.22 | Fundición, o fundición y envejecido | 130,500 | 90 | 6550 (8200-820)[1] | 6550 (8200-820)[1] | 6550 (8200-820)[1] |
| | | **Aleaciones de aluminio** | | | | | |
| | 30.41 | Fundidas, 13–15% Si | 138,000 | 130 | 5000 (6250-630)[1] | 2500 (3150-315)[1] | 1500 (1900-190)[1] |
| N1.4.C.NS | 30.42 | Fundidas, 16–22% Si | 138,000 | 130 | 2500 (3150-315)[1] | 1650 (2050-205)[1] | 980 (1250-125)[1] |
| | | **Cobre y aleaciones de cobre** | | | | | |
| N3.3.U.UT | 33.1 | Aleaciones de fácil mecanización, ≥1% Pb | 101,500 | 110 | 1650 (2050-205)[1] | 1650 (2050-205)[1] | 1650 (2050-205)[1] |
| N3.2.C.UT | 33.2 | Latón, bronces con plomo, ≤1% Pb | 101,500 | 90 | 1650 (2050-205)[1] | 1650 (2050-205)[1] | 1650 (2050-205)[1] |
| N3.1.U.UT | 33.3 | Bronce y cobre sin plomo, incl. cobre electrolítico | 254,000 | 100 | 980 (1250-125)[1] | 980 (1250-125)[1] | 980 (1250-125)[1] |

| ISO S | | Material termo-resistente | Fuerza de corte específica $k_c$ 0.4 | Dureza Brinell | <<<< RESISTENCIA AL DESGASTE | | |
|---|---|---|---|---|---|---|---|
| | | | | | CC650 | CC6060 | CC6065 |
| | | | | | $h_{ex}$, pulgadas ≈ avance, $f_n$ pulgadas/rev. a 0° a -5° | | |
| | N.º | | | | .004-.008 | .004-.008-.012 | .004-.008-.012 |
| Núm. MC | CMC | Material | lbs/pulg.² | HB | Velocidad de corte $v_c$, p/min | | |
| | | **Superaleaciones termorresistentes** | | | | | |
| | | **Base de hierro** | | | | | |
| S1.0.U.AN | 20.11 | Recocidas o tratadas en solución | 435,000 | 200 | - | - | - |
| S1.0.U.AG | 20.12 | Envejecidas o tratadas en solución y envejecidas | 445,500 | 280 | - | - | - |
| | | **Base de níquel** | | | | | |
| S2.0.Z.AN | 20.21 | Recocidas o tratadas en solución | 479,500 | 250 | 1300-1050 | 1300-1050-880 | 1100-830-650 |
| S2.0.Z.AG | 20.22 | Envejecidas o tratadas en solución y envejecidas | 522,000 | 350 | 1100-860 | 980-770-620 | 790-570-420 |
| S2.0.C.NS | 20.24 | Fundición, o fundición y envejecido | 538,500 | 320 | 720-520 | 790-660-570 | 700-580-485 |
| | | **Base de cobalto** | | | | | |
| S3.0.Z.AN | 20.31 | Recocidas o tratadas en solución | 478,500 | 200 | 1150-840 | - | - |
| S3.0.Z.AG | 20.32 | Tratadas en solución y envejecidas | 540,000 | 300 | 980-720 | - | - |
| S3.0.C.NS | 20.33 | Fundición, o fundición y envejecido | 552,000 | 320 | 930-730 | - | - |
| | | | | | **H10** | **GC1105** | **H10A** |
| | | **Aleaciones de titanio2)** | | **Rm[3]** | .004-.008-.012 | .004-.008-.012 | .004-.012-.020 |
| S4.1.Z.UT | 23.1 | Comercial puro (99.5% Ti) | 221,500 | 400 | 670-550-470 | 670-550-470 | 640-530-445 |
| S4.2.Z.AN | 23.21 | Aleaciones α, cerca de α y α + β, aleaciones | 243,000 | 950 | 280-230-180 | 280-230-180 | 265-215-175 |
| S4.3.Z.AG | 23.22 | α + β envejecidas, aleaciones β recocidas o envejecidas | 245,000 | 1050 | 260-195-165 | 260-195-165 | 255-190-160 |

| ISO H | | Material templado | Fuerza de corte específica $k_c$ 0.4 | Dureza | <<<< RESISTENCIA AL DESGASTE | | |
|---|---|---|---|---|---|---|---|
| | | | | | CB7015 | CB7025 | CB20 |
| | | | | | $h_{ex}$, pulgadas ≈ avance, $f_n$ pulgadas/rev. a 0° a -5° | | |
| | N.º | | | | .002-.006-.010 | .002-.006-.010 | .002-.006-.010 |
| Núm. MC | CMC | Material | lbs/pulg.² | | Velocidad de corte $v_c$, p/min | | |
| | | **Acero duro** | | | | | |
| H1.1.Z.HA | 04.1 | Endurecido y templado | 470,500 | *45HRC* | - | - | - |
| H1.1.Z.HA | 04.1 | | 573,000 | *50HRC* | 1150-870-730 | 820-690-610 | 850-760-670 |
| H1.2.Z.HA | 04.1 | | 684,000 | *55HRC* | 960-730-610 | 690-580-510 | 710-630-560 |
| | | **Acero extraduro** | | | | | |
| H1.3.Z.HA | 04.1 | Endurecido y templado | 804,500 | *60HRC* | 820-620-520 | 590-490-435 | 610-540-480 |
| H1.4.Z.HA | 04.1 | | 934,000 | *65HRC* | 710-530-450 | 510-425-375 | 520-465-410 |
| | | **Fundición en coquilla** | | | | | |
| H2.0.C.UT | 10.1 | Fundición, o fundición y envejecido | 408,000 | 400 HB | - | - | - |

1) Las velocidades de corte indicadas en la tabla son válidas para todos los avances comprendidos en la gama de avances.

2) Se debe utilizar un ángulo de posición de 45-60º, geometría de corte positiva y refrigerante.

3) Rm = resistencia a la tracción última, medida en MPa.

# Recomendaciones de velocidad de corte, valores en pulgadas

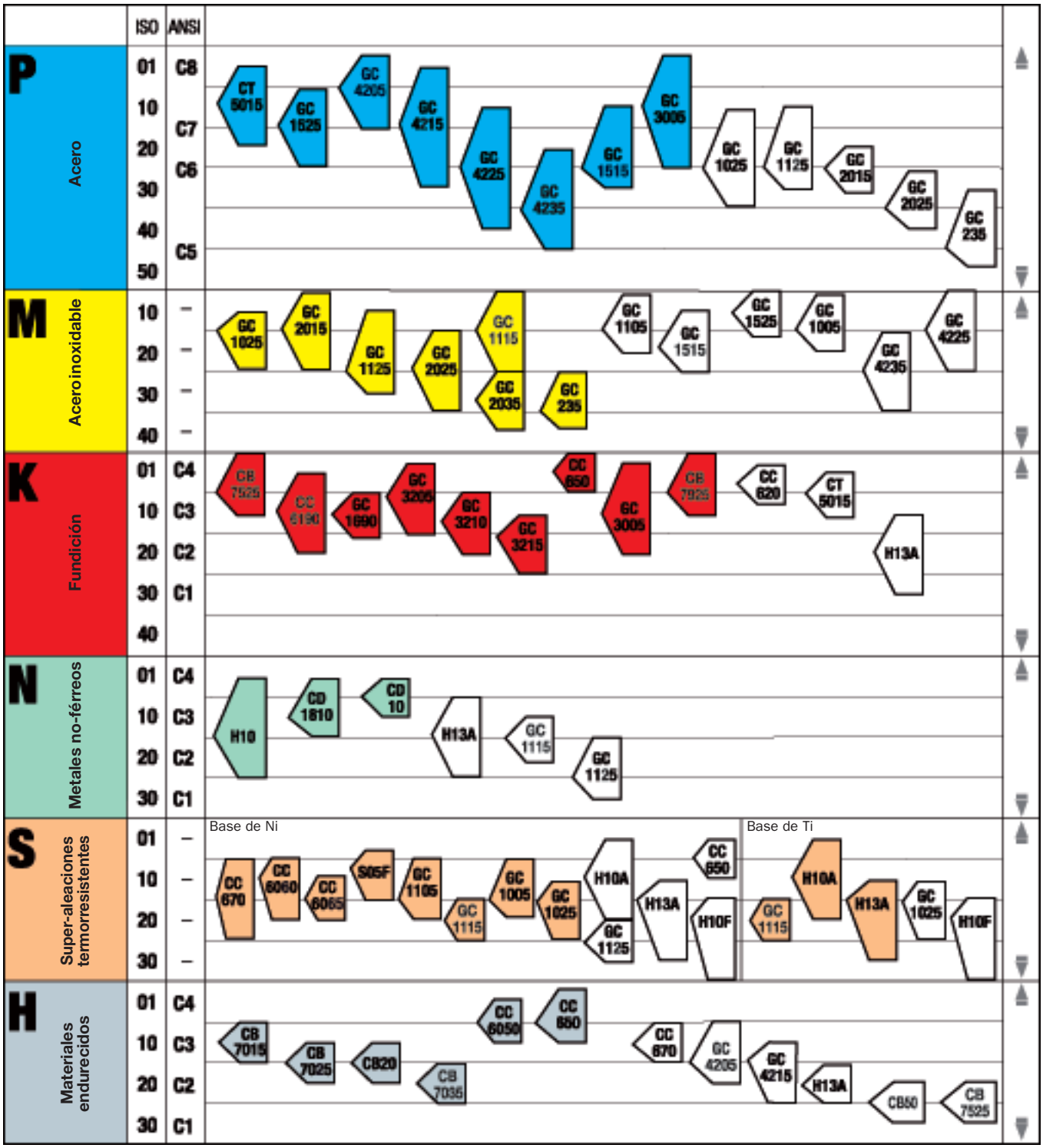
| TENACIDAD >>>> | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **GC1115** | **GC1025** | **GC1125** | **H13A** | | | | | |
| .006-.031 | .006-.031 | .006-.031 | .006-.031 | | | | | |
| 2650 (3300-330)[1)]<br>1050 (1300-130)[1)] | 2500 (3150-315)[1)]<br>980 (1250-125)[1)] | 2500 (3150-315)[1)]<br>980 (1250-125)[1)] | 6250 (7800-780)[1)]<br>6250 (7800-780)[1)] | | | | | |
| 2650 (3300-330)[1)]<br>1750 (2200-220)[1)] | 2500 (3150-315)[1)]<br>1650 (2050-205)[1)] | 2500 (3150-315)[1)]<br>1650 (2050-205)[1)] | 6250 (7800-780)[1)]<br>6250 (7800-780)[1)] | | | | | |
| 1050 (1300-130)[1)]<br>720 (900-90)[1)] | 980 (1250-125)[1)]<br>690 (860-85)[1)] | 980 (1250-125)[1)]<br>690 (860-85)[1)] | 1300 (1650-165)[1)]<br>820 (1050-105)[1)] | | | | | |
| 690 (860-85)[1)]<br>410 (510-50)[1)]<br>290 (365-36)[1)] | 650 (810-80)[1)]<br>390 (490-50)[1)]<br>275 (345-34)[1)] | 650 (810-80)[1)]<br>390 (490-50)[1)]<br>275 (345-34)[1)] | 1500 (1900-190)[1)]<br>1500 (1900-190)[1)]<br>890 (1100-110)[1)] | | | | | |

| TENACIDAD >>>> | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **CC670** | **S05F** | **GC1105** | **GC1115** | **GC1005** | **H10A** | **H13A** | **GC1025** | **GC1125** | **H10F** |
| .004-.008-.012 | .004-.008-.012 | .004-.012-.020 | .004-.012-.020 | .004-.012-.020 | .004-.012-.020 | .004-.012-.020 | .004-.012-.020 | .004-.012-.020 | .004-.012-.020 |
| -<br>- | 520-435-355<br>410-345-280 | 490-325-225<br>390-260-195 | 395-260-180<br>315-210-155 | 490-325-225<br>390-260-195 | 280-230-180<br>215-180-130 | 260-210-160<br>195-165-130 | 245-195-145<br>180-145-115 | 245-195-145<br>180-145-115 | 230-180-130<br>165-130-95 |
| 1250-1050-880<br>1050-870-740<br>970-800-680 | 325-275-225<br>295-245-200<br>260-220-180 | 295-185-95<br>265-165-85<br>235-150-75 | 235-150-75<br>215-135-70<br>190-120-60 | 295-185-95<br>265-165-85<br>235-150-75 | 180-130-105<br>130-105-70<br>85-70-50 | 165-130-95<br>130-95-65<br>80-65-50 | 150-115-80<br>115-80-50<br>75-55-39 | 150-115-80<br>115-80-50<br>75-55-39 | 130-95-65<br>100-65-32<br>65-50-32 |
| 1150-830-660<br>980-720-570<br>930-730-550 | 325-275-225<br>290-245-200<br>260-220-180 | 295-185-95<br>265-165-85<br>235-150-75 | 240-150-75<br>210-135-70<br>190-120-60 | 295-185-95<br>265-165-85<br>235-150-75 | 180-130-105<br>130-105-70<br>85-70-50 | 165-130-95<br>130-95-65<br>80-65-50 | 150-115-80<br>115-80-50<br>75-55-39 | 150-115-80<br>115-80-50<br>75-55-39 | 130-95-65<br>100-65-32<br>65-50-32 |

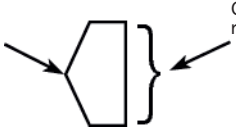
| **H13A** | **H10F** | **GC1115** | **GC1025** |
|---|---|---|---|
| .004-.012-.020 | .004-.012-.020 | .004-.012-.020 | .004-.012-.020 |
| 590-485-410<br>245-200-165<br>235-175-150 | 530-440-370<br>220-180-145<br>210-155-135 | 610-500-425<br>255-205-170<br>245-180-155 | 530-440-370<br>220-180-145<br>210-155-135 |

| TENACIDAD >>>> | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **CB7035** | **CB7525/CB50** | **CB7925** | **CC6050** | **CC650** | **CC670** | **GC4205** | **GC4215** | **H13A** | |
| .004-.010-.016 | .004-.010-.016 | .004-.010-.016 | .002-.006-.010 | .004-.010-.016 | .004-.010-.016 | .004-.012-.024 | .004-.012-.024 | .004-.012-.024 | |
| -<br>710-580-500<br>590-485-420 | -<br>680-540-435<br>570-455-365 | -<br>-<br>- | 950-770-570<br>780-630-470<br>660-530-395 | 670-495-330<br>550-410-270<br>460-345-225 | 670-550-440<br>550-450-365<br>460-375-305 | 225-155-95<br>-<br>- | 205-135-85 | 145-80-50<br>-<br>- | |
| 510-410-360<br>435-355-310 | 480-385-310<br>415-330-270 | - | 560-450-335<br>480-390-290 | 395-290-195<br>340-250-165 | 390-320-260<br>335-275-225 | -<br>- | | -<br>- | |
| - | 590-480-390 | 590-480-390 | - | 390-290-190 | 390-290-190 | 170-95-55 | 155-85-50 | 115-65-35 | |

# Calidades para torneado en general




La posición y forma de los símbolos de calidad indican el correspondiente campo de aplicación.




Resistencia al desgaste

Tenacidad

= Calidades básicas

= Calidades complementarias



SANDVIK Coromant

# Calidades para torneado en general

**P** **Acero, acero fundido, fundición maleable de viruta larga.**

## Calidades básicas

**CT5015 (HT)** – P10 (P01-P20)
Una calidad de cermet sin recubrimiento con una excelente resistencia a la formación de filos de aportación y a la deformación plástica. Nueva fórmula con una mejor tenacidad. Para acabado de aceros de baja aleación y aceros aleados cuando se requiere una gran calidad superficial y/o bajas fuerzas de corte. $f_n$ x $a_p$ < 0.35 mm²

**GC1515 (HC)** - P25 P10-P30)
Metal duro de grano fino con recubrimiento delgado por CVD. Recomendada para acabado de aceros de bajo contenido en carbono y baja aleación, y otras aleaciones de acero "pastosas" utilizando velocidad de corte media y baja. Excelente si se necesita acabado superficial o acción de corte aguda. Su gran resistencia al impacto térmico hace que sea también adecuada para cortes intermitentes ligeros.

**GC1525 (HC)** – P15 (P05-P25)
Una calidad cermet con recubrimiento por PVD. Gran resistencia al desgaste y buena tenacidad del filo. Para acabado y semi-acabado de aceros de bajo contenido en carbono y aceros de baja aleación. Para usar cuando se demanda una buena calidad superficial a velocidades de corte de medias a altas. $f_n$ x $a_p$ < 0.35 mm².

**GC4205 (HC)** – P05 (P01-P15)
Calidad con recubrimiento por CVD con excelente resistencia al desgaste en cráter y a la deformación plástica. Recomendada para condiciones estables si se necesita mayor velocidad de arranque de metal para aplicaciones medias y de desbaste en acero. Resiste altas temperaturas sin reducir la seguridad del filo tanto para mecanizado en seco como con refrigerante.

**GC4215 (HC)** - P15 (P01-P30)
Calidad de metal duro con recubrimiento CVD para acabado y desbaste en aplicaciones con corte continuo o ligeramente interrumpido en acero y acero fundido. Sustrato optimizado en cuanto a dureza y tenacidad con un recubrimiento resistente al desgaste. Es capaz de hacer frente a las altas temperaturas sin sacrificar la seguridad del filo tanto en aplicaciones con refrigerante como en seco.

**GC4225 (HC)** - P25 (P10 - P40)
Esta calidad de metal duro con recubrimiento CVD se utiliza para operaciones de acabado y desbaste de acero y fundición. Presenta un sustrato de dureza y tenacidad optimizadas para el torneado de acero, en combinación con un grueso recubrimiento resistente al desgaste. Esta calidad puede hacer frente a cortes continuos e intermitentes a elevadas velocidades de arranque de viruta. Una calidad para amplias áreas de aplicación.

**GC4235 (HC)** - P35 (P20-P45)
Calidad de metal duro con recubrimiento CVD para desbaste de acero y acero fundido en condiciones poco favorables. Sustrato optimizado en cuanto a dureza y tenacidad para torneado de acero en combinación con un robusto recubrimiento resistente al desgaste. La seguridad del filo permite a esta calidad trabajar con cortes intermitentes a elevada velocidad de arranque de viruta.

**GC3005 (HC)** - P10 (P01-P25)
Calidad de metal duro con recubrimiento de CVD formada por un recubrimiento resistente al desgaste con una adherencia muy buena a un sustrato tenaz, capaz de soportar elevadas temperaturas. Para acabado y semiacabado a altas velocidades de corte en aceros aleados.

## Calidades complementarias

**GC1025 (HC)** – P25 (P10-P35)
Calidad de metal duro de grano fino con recubrimiento por PVD. Recomendada para acabado de acero con bajo contenido en carbono y otras aleaciones de acero "pegajosas" cuando se necesita un excelente acabado superficial o una acción de corte aguda. Su gran resistencia a los impactos térmicos la hace también aconsejable para cortes discontinuos.

**GC2015 (HC)** – P25 (P20-P30)
Calidad de metal duro con recubrimiento por CVD. Combinada con geometrías que ofrecen una acción de corte aguda, esta calidad está recomendada para acabado a desbaste ligero de aceros al carbono y otras aleaciones "pegajosas"

**GC2025 (HC)** – P35 (P25-P40)
Calidad de metal duro con recubrimiento por CVD. Elección alternativa para aplicaciones en acero que demandan tenacidad.

**GC235 (HC)** – P45 (P30-P50)
Calidad de metal duro con recubrimiento por CVD para desbaste de acero y fundiciones de acero bajo las condiciones más desfavorables. Su substrato tenaz proporciona una seguridad del filo extremadamente buena, lo que permite a esta calidad trabajar bien en cortes discontinuos a bajas velocidades.

**GC1125 (HC)** – P25 (P10-P30)
Recomendada como complemento a la GC1515, para acabado de acero de bajo contenido en carbono, con avance o velocidad de corte reducidos.

**Símbolos de letras que designan los materiales duros de corte:**

**Metales duros:**

HW Metal duro sin recubrimiento compuesto principalmente por carburo de tungsteno

HT Metal duro sin recubrimiento, también denominado cermet, que contiene

HC Metal duro como el anterior pero con recubrimiento

**Cerámicas:**

CA Cerámica de óxido que contiene principalmente óxido de aluminio ($Al_2O_3$).

CM Cerámica mixta que contiene principalmente óxido de aluminio ($Al_2O_3$) y también otros componentes.

CN Cerámica de nitruro que contiene principalmente nitruro de silicio ($Si_3N_4$).

CC Cerámicas como las anteriores pero con recubrimiento.

**Diamante:**

DP Diamante policristalino[1)]

**Nitruro de boro:**

BN Nitruro de boro policristalino[1)]

[1)] El diamante policristalino y el nitruro de boro policristalino están clasificados como materiales de corte super duros.

# Calidades para torneado en general

**M** **Acero inoxidable austenítico, ferrítico y martensítico, acero fundido, acero al manganeso, fundición aleada, fundición maleable, acero de fácil mecanización.**

## Calidades básicas

**GC1025 (HC)** – M15 (M10-M25)
Calidad de metal duro de grano fino con recubrimiento por PVD. Recomendada para acabado de aceros inoxidables cuando se necesitan unas tolerancias estrechas, un excelente acabado superficial o una acción de corte aguda. Su gran resistencia a los impactos térmicos la hacen también aconsejable para cortes discontinuos.

**GC1125 (HC)** – M25 (M10-M30)
Metal duro de grano fino con recubrimiento por PVD. Recomendada para acabado en todo tipo de acero inoxidable, con velocidades de corte medias y bajas. Excelente si se necesita acción de corte aguda combinada con tenacidad del filo o acabado superficial superiores. Su gran resistencia al impacto térmico hace que sea también adecuada para cortes intermitentes ligeros.

**GC2015 (HC)** – M15 (M05-M25)
Calidad de metal duro con recubrimiento por CVD para acabado y desbaste ligero de aceros inoxidables. Su substrato, que puede trabajar a elevadas temperaturas, combinado con un recubrimiento resistente al desgaste, hacen de esta calidad la primera elección para cortes continuos a velocidades de corte de moderadas a altas.

**GC2025 (HC)** – M25 (M15-M35)
Metal duro con recubrimiento por CVD optimizado para semiacabado y desbaste de aceros inoxidables austeníticos y dúplex a velocidades de corte moderadas. Su buena resistencia al impacto térmico y mecánico ofrece excelente seguridad del filo también para cortes discontinuos.

**GC2035 (HC)** – M35 (M25-M40)
Calidad de metal duro con recubrimiento por PVD. Recomendada para semiacabado a desbaste de aceros inoxidables austeníticos y dúplex a velocidades de corte de bajas a moderadas. Su gran resistencia al impacto térmico hace que sea ideal para aplicaciones con cortes intermitentes rápidos.

**GC235 (HC)** – M40 (M25-M40)
Calidad de metal duro con recubrimiento por CVD para desbaste de aceros inoxidables y fundiciones de acero inoxidable con costra difícil. Su substrato tenaz proporciona una seguridad del filo extremadamente buena que le permite trabajar bien en cortes discontinuos profundos a velocidades de corte de bajas a moderadas.

**GC1115 (HC)** – M15 (M05-M25)
Metal duro de grano fino con recubrimiento de PVD. El sustrato presenta una alta resistencia al calor y una buena resistencia frente a la deformación plástica, combinadas con una buena seguridad del filo. El delgado recubrimiento de PVD óxido ofrece una excelente resistencia a materiales pastosos y una adhesión muy buena en los filos agudos. De este modo se garantiza la tenacidad y el desgaste en flanco, además de un rendimiento elevado.

## Calidades complementarias

**GC1105 (HC)** - M15 (M05 - M20)
El sustrato se compone de WC de grano fino y duro con un 6% de Co, lo que le confiere una alta resistencia al calor y una buena resistencia a la deformación plástica. El nuevo recubrimiento grueso de PVD TiAlN con una adhesión excelente también garantiza la tenacidad en filos agudos, incluso el desgaste de flanco y el alto rendimiento. Apropiado para el acabado de acero inoxidable a altas velocidades.

**GC1515 (HC)** – M20 (M10-M25)
Recomendada para acabado en todo tipo de acero inoxidable y como complemento a la GC1125, si la resistencia al desgaste es más importante que la tenacidad del filo.

**GC1525 (HC)** – M10 (M05-M15)
Una calidad cermet con recubrimiento por PVD. Gran resistencia al desgaste y buena tenacidad del filo. Baja tendencia a la difusión. Excelente para acabado de acero inoxidable en condiciones favorables. Para utilizar a velocidades elevadas y avances relativamente bajos.
$f_n \times a_p < 0{,}35\ mm^2$

**GC1005 (HC)** – M15 (M05-M20)
Calidad de metal duro con recubrimiento por PVD. La combinación de un substrato de grano fino tenaz con una buena resistencia a la deformación plástica y un recubrimiento con una gran resistencia al desgaste a elevadas temperaturas la hacen aconsejable para acabado de aceros inoxidables a elevadas temperaturas.

**GC4225 (HC)** - M15 (M05 - M25)
Una calidad de metal duro con recubrimiento por CVD para operaciones desde acabado a desbaste de acero y fundiciones de acero. Además, trabaja bien el acero inoxidable. Presenta un sustrato con dureza y tenacidad optimizadas para el torneado de acero en combinación con un recubrimiento resistente al desgaste. Esta calidad puede hacer frente a cortes continuos e intermitentess a grandes velocidades de arranque del metal. Una calidad para amplias áreas de aplicación.

**GC4235 (HC)** - M25 (M15-M30)
Calidad de metal duro con recubrimiento por CVD, que se puede utilizar para semiacabado y desbaste de acero inoxidable con velocidades de corte moderadas. Buena resistencia al impacto térmico y mecánico, ofreciendo una excelente seguridad del filo también con cortes intermitentes.

# Calidades para torneado en general

## K Fundición, fundición en coquilla, fundición maleable de viruta corta.

### Calidades básicas

**CB7525 (BN)** - K05 (K01-K10)
Una calidad de Nitruro de boro cúbico extremadamente dura. Con una gran tenacidad del filo y una buena resistencia al desgaste, resulta óptima para acabado a alta velocidad de fundición gris con cortes continuos y discontinuos.
**CC6190 (CN)** – K10 (K01 – K20)
Cerámica a base de nitruro de silicio puro que ofrece una buena resistencia al desgaste a elevadas temperaturas. Recomendada para desbaste a alta velocidad a acabado de fundiciones bajo buenas condiciones. Capaz de trabajar bien con algunas interrupciones.
**GC1690 (CC)** – K10 (K05-K15)
Una calidad cerámica de nitruro de silicio con recubrimiento por CVD. Las propiedades de la GC1690 la hacen muy recomendable para aplicaciones de desbaste ligero, medio y acabado en fundición.
**GC3205 (HC)** – K05 (K01-K15)
Calidad de metal duro con recubrimiento por CVD formada por un sustrato muy duro con un recubrimiento grueso y resistente al desgaste. Recomendada para torneado de alta velocidad de fundición gris (GCI).
**GC3210 (HC)** – K05 (K01-K20)
Calidad de metal duro con recubrimiento por CVD formada por un sustrato muy duro con un recubrimiento grueso y resistente al desgaste. Recomendada para torneado de alta velocidad de fundición nodular (NCI).
**GC3215 (HC)** – K05 (K01-K25) Calidad de metal duro con recubrimiento por CVD formada por un sustrato muy duro con un recubrimiento grueso y resistente al desgaste, capaz de soportar condiciones de cortes discontinuos muy exigentes. Recomendada como elección en general para el desbaste de todo tipo de fundiciones a velocidades de corte de bajas a moderadas.
**CC650 (CM)** – K01 (K01-K05)
Cerámica mixta con base de Al2O3. Recomendada para acabado a alta velocidad de fundición gris y fundiciones templadas bajo condiciones estables.
**GC3005 (HC)** - K10 (K01-K20)
Calidad de metal duro con recubrimiento de CVD formada por un recubrimiento resistente al desgaste con una adherencia muy buena a un sustrato tenaz, capaz de soportar elevadas temperaturas. Para acabado a desbaste de fundición nodular, fundición maleable de alta resistencia y fundición gris "pegajosa" (aleada).
**CB7925 (BN)** - K05 (K01-K10)
Calidad sólida de CBN con una elevada tenacidad del filo y una buena resistencia al desgaste. La CB7925 resulta adecuada tanto para el mecanizado de hierro de fundición gris como de hierro fundido en condiciones de cortes continuos y discontinuos.

### Calidades complementarias

**CC620 (CA)** – K01 (K01-K05)
Cerámica 'pura' de base Al2O3. Recomendada para el acabado a alta velocidad de fundición gris bajo condiciones estables y en seco.
**CT5015 (HT)** – K05 (K01-K10)
Una calidad cermet sin recubrimiento con una excelente resistencia a la formación de filos de aportación y a la deformación plástica. Para acabado de fundición nodular cuando se requiere una gran calidad superficial, unas tolerancias estrechas y/o fuerzas de corte bajas.
$f_n \times a_p < 0.35$ mm$^2$
**H13A (HW)** – K20 (K10-K30)
Calidad de metal duro sin recubrimiento. Combina una buena resistencia al desgaste por abrasión y tenacidad. Para velocidades de moderadas a bajas y avances elevados en fundición.

## N Metales no-férreos

### Calidades básicas

**H10 (HW)** – N15 (N01-N25)
Calidad de metal duro sin recubrimiento. Combina una excelente resistencia al desgaste por abrasión y agudeza del filo. Para el torneado en desbaste a acabado de aleaciones de aluminio.
**CD1810 (HC)** – N10 (N01-N15)
Una calidad con recubrimiento de diamante para acabado a desbaste de aluminio, magnesio, cobre, latón, plásticos, etc. Su recubrimiento de diamante proporciona una excelente resistencia al desgaste y menos filos de aportación, obteniendo una gran calidad superficial.
**CD10 (DP)** – N05 (N01-N10)
Calidad de diamante policristalino para acabado y semi-acabado de materiales no férreos y no metálicos. Ofrece una larga vida de la herramienta, cortes limpios y un buen acabado superficial.

### Calidades complementarias

**H13A (HW)** – N15 (N05-N25)
Calidad de metal duro sin recubrimiento. Combina una buena resistencia al desgaste por abrasión y tenacidad para torneado en desbaste de aleaciones de aluminio.
**GC1005 (HC)** – N10 (N05-N15)
Calidad de metal duro con recubrimiento por PVD. La combinación de un sustrato duro de grano muy fino con una buena resistencia a la deformación plástica hacen de ésta la calidad más adecuada para el desbaste de aluminio.
**GC1125 (HC)** – N25 (N15-N30)
Recomendada para operaciones que exijan tenacidad, o si se necesita un filo agudo.

**GC1115 (HC)** - N15 (N10-N20)
Metal duro de grano fino y recubrimiento de PVD para aplicaciones en las que se precisan filos agudos. La combinación de un substrato duro con una buena seguridad en el filo y un recubrimiento de elevada resistencia al desgaste hace que esta calidad resulte apropiada para operaciones exigentes en materiales no ferrosos.

# Calidades para torneado en general

## S Super-aleaciones termorresistentes

### Calidades básicas

**GC 1105 (GC)** - S15 (S05 - S20)
El sustrato está compuesto por WC de grano fino y duro con un 6% de Co, lo que le confiere alta resistencia al calor y buena resistencia a la deformación plástica. El nuevo recubrimiento fino PVD TiAlN cuenta con una adhesión excelente, incluso en los filos agudos, y garantiza tenacidad, desgaste en flanco y un rendimiento excepcional en superaleaciones termo-resistentes.
**CC670 (CA)** – S15 (S05-S25)
Una cerámica de carburo de silicio con base de óxido de aluminio reforzada con micro-filamentos con una excelente tenacidad básica. Principalmente recomendada para aleaciones termorresistentes y el torneado de piezas duras en condiciones desfavorables.
**S05F**– S05 (S05-S15)
Calidad de metal duro con recubrimiento por CVD. Para acabado a alta velocidad de HRSA, o cortes largos a velocidades más bajas. Para aplicaciones donde el desgaste en entalla no supone un problema importante, como plaquitas redondas, ángulos de entrada grandes y materiales más blandos, esta calidad puede utilizarse también en aplicaciones de desbaste.
**GC1005 (HC)**– S15 (S10-S25)
Calidad de metal duro con recubrimiento por PVD. La combinación de un substrato duro de grano fino con una buena resistencia a la deformación plástica y de un recubrimiento con una gran resistencia al desgaste a elevadas temperaturas hacen de ésta la calidad más idónea para super aleaciones termorresistentes con base de Ni, Fe o Co.
**GC1025 (HC)** – S15 (S10-S25)
Calidad de metal duro de grano fino con recubrimiento por PVD. Recomendada para super aleaciones termorresistentes y aleaciones de titanio a bajas velocidades. Gran resistencia a los impactos térmicos y al desgaste en entalla que hacen de ésta la calidad idónea para cortes largos o cortes discontinuos.
**CC6060 (CA)** - S10 (S05-S20
Cerámica con base de sialón, diseñada para optimizar el rendimiento en materiales HRSA premecanizados en condiciones estables. Ofrece gran seguridad y desgaste previsible, gracias a su elevada resistencia a la mella de desgaste.
**CC6065 (CA)** - S15 (S05-S20)
Cerámica con base de sialón, primera elección para mecanizado de HRSA. Ofrece buena tenacidad y seguridad. Muy adecuada para desbaste con corte intermitente, y también para superficies forjadas y otras operaciones que exigen tenacidad.
**GC1115 (HC)** - S20 (S15-S25)
Metal duro de grano fino con recubrimiento de PVD. El sustrato presenta una alta resistencia al calor y una buena resistencia frente a la deformación plástica, combinadas con una buena seguridad del filo. El delgado recubrimiento de PVD óxido ofrece una excelente resistencia a materiales pastosos y una adhesión muy buena en los filos agudos. De este modo se garantiza la tenacidad, una buena resistencia frente a la formación de cráteres de desgaste, el desgaste en flanco y un rendimiento elevado. La GC1115 resulta adecuada para operaciones de torneado desde medias hasta de desbaste en superaleaciones termorresistentes.

### Calidades complementarias

**GC1125 (HC)** – S25 (S20-S30)
Recomendada para superaleaciones termo-resistentes a baja velocidad o cortes intermitentes ligeros. Buena resistencia al desgaste de entalla y al impacto térmico, esta calidad es adecuada para operaciones semipesadas, con tiempo de contacto reducido.
**CC650 (CA)** – S05 (S01-S10)
Calidad mixta de cerámica de base de $Al_2O_3$. Puede utilizarse en operaciones de semi-acabado de aleaciones a alta temperatura en aplicaciones con pocas demandas de seguridad del filo.
**H10A (HW)** – S10 (S01-S20)
Calidad de metal duro sin recubrimiento. Combina una resistencia al desgaste por abrasión y tenacidad para el torneado medio a torneado en desbaste de aceros termorresistentes y aleaciones de titanio.
**H10F (HW)** – S15 (S10-S30)
Calidad de metal duro sin recubrimiento de grano fino. Recomendada para super aleaciones termorresistentes o para aleaciones de titanio a velocidades muy bajas. Su gran resistencia a los choques térmicos y al desgaste en entalla hacen de ella la calidad idónea para cortes largos o cortes discontinuos.
**H13A (HW)** – S15 (S10 S30)
Calidad de metal duro sin recubrimiento. Combina una resistencia al desgaste por abrasión y tenacidad para torneado medio a torneado en desbaste de aceros termorresistentes y aleaciones de titanio.

## H Materiales endurecidos

### Calidades básicas

**CB7015 (BN)** - H10 (H05 - H15)
Calidad de bajo contenido en nitruro de boro cúbico y alto rendimiento. Primera elección para cortes continuos y para cortes discontinuos ligeros a velocidades elevadas en acero de cementación.
**CB7020/CB20(BN)** – H15 (H10-H20)
Calidad de Nitruro de boro cúbico de alto rendimiento. Primera elección para cortes continuos y suaves en acero templado.
**CC650 (CM)** – H05 (H05-H10)
Cerámica mixta con base de Al2O3. Buenas propiedades térmicas y resistencia al desgaste. Recomendada principalmente para acabado continuo ligero.
**CC6050 (CC)** - H05 (H01 - H10)
Cerámica mixta con base de $Al_2O_3$. Buenas propiedades térmicas y resistencia al desgaste. Recomendada principalmente para acabado continuo ligero.
**CB7025 (BN)** - H15 (H10-H20)
Calidad de nitruro de boro cúbico de alto rendimiento. Primera elección para cortes interrumpidos y cortes continuos en acero de cementación a velocidad media.
**CB7035 (BN)** - H20 (H15-H25)
Calidad con contenido medio de nitruro de boro cúbico y alto rendimiento. Primera elección para aplicaciones de corte discontinuo pesado en aceros de cementación a velocidad media. Buena resistencia adicional al desgaste para gestionar tiempos de corte relativamente prolongados.

### Calidades complementarias

**CC670 (CA)** – H10 (H05-H15)
Una cerámica de carburo de silicio con base de óxido de aluminio reforzada con micro-filamentos con una excelente tenacidad básica. Recomendada para aleaciones termorresistentes y el torneado de piezas duras en condiciones desfavorables.
**GC4205 (HC)** – H15 (H05-H20)
Calidad de metal duro con recubrimiento por CVD para aplicaciones medias y de desbaste con corte continuo a baja velocidad en materiales templados.
**GC4215 (HC)** - H15 (H05-H25)
Calidad de metal duro con recubrimiento por CVD para acabado y desbaste en aplicaciones con corte continuo o ligeramente interrumpido en materiales templados. Sustrato optimizado en cuanto a dureza y tenacidad con un recubrimiento resistente al desgaste. Mantiene la seguridad del filo tanto en aplicaciones con refrigerante como en seco.
**H13A (HW)** – H20 (H15-H25)
Calidad de metal duro sin recubrimiento. Combina una buena resistencia al desgaste por abrasión y tenacidad para torneado de materiales endurecidos a bajas velocidades.
**CB50** – H25 (H20-H30)
Una calidad de Nitruro de boro cúbico extremadamente dura. Su gran tenacidad del filo y buena resistencia al desgaste hacen de esta calidad la primera elección para cortes discontinuos en acero templado.
**CB7525 (BN)** - H25 (H20-H30)
Una calidad de nitruro de boro cúbico extremadamente dura. Elevada tenacidad en el filo que hacen de ella una buena calidad complementaria para aplicaciones de corte discontinuo en acero templado.