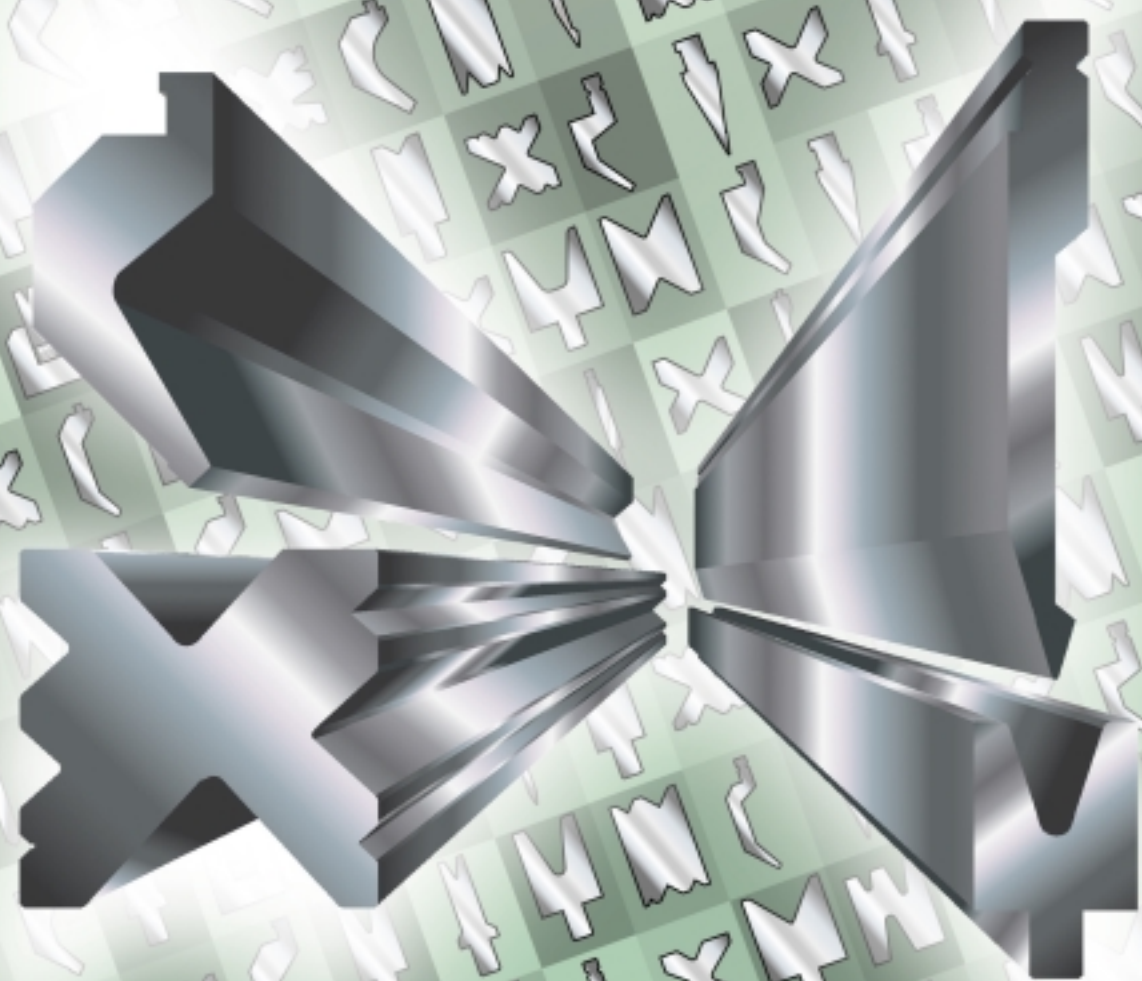


# AXIAL

ÚTILES PARA PLEGADORA



Una adecuada selección de los útiles de trabajo, nos permitirá conseguir el máximo rendimiento en la fabricación de las piezas.

Axial, consciente de las necesidades de nuestros clientes y con una gran experiencia en la fabricación de plegadoras y las herramientas asociadas a éstas, pone a su disposición una amplia gama de punzones y matrices, para que usted pueda escoger sin limitaciones los útiles mas adecuados en función de las diferentes exigencias del trabajo a realizar.

La alta calidad y precisión que ofrecen los útiles Axial, es también una razón de peso para su elección, ya que están fabricados de aceros especiales con alto grado de tratamiento térmico, asegurando por tanto la vida del útil y el fácil intercambio entre ellos por su escasa tolerancia (+/- 0.01 mm.).

El factor seguridad, es también imperativo en nuestros días; todos los punzones disponen de sujección con pestaña, que facilitan su montaje/desmontaje sin que el punzón se descuelgue de la brida de sujección.

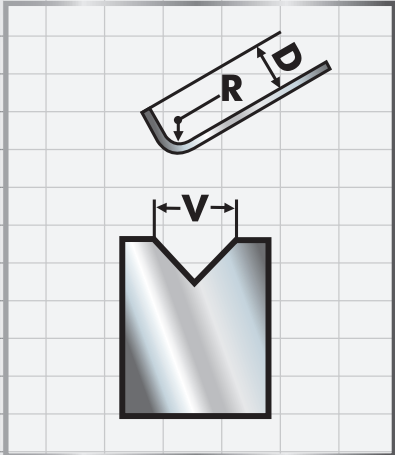
El tiempo de preparación de máquina, pasa a ser también un factor importante para la producción; Axial dispone de diferentes tipos de amarre rápido del punzón y de la matriz, adaptables a todos los útiles de este catálogo, consiguiendo con ello un mínimo tiempo en el intercambio de los útiles.

## TABLA DE PLEGADOS

| V   | D<br>min. | R    | Espesor de chapa en mm. |     |    |     |     |     |    |     |    |     |    |     |    |    |    |    |    |    |    |     |     |     |     |     |
|-----|-----------|------|-------------------------|-----|----|-----|-----|-----|----|-----|----|-----|----|-----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|
|     |           |      | 0.5                     | 0.8 | 1  | 1.2 | 1.5 | 1.8 | 2  | 2.5 | 3  | 3.5 | 4  | 4.5 | 5  | 6  | 7  | 8  | 9  | 10 | 12 | 15  | 18  | 20  |     |     |
| 6   | 4.5       | 1    | 3                       | 7   | 11 |     |     |     |    |     |    |     |    |     |    |    |    |    |    |    |    |     |     |     |     |     |
| 8   | 6         | 1.3  |                         | 5   | 8  | 12  | 17  |     |    |     |    |     |    |     |    |    |    |    |    |    |    |     |     |     |     |     |
| 10  | 7         | 1.7  |                         |     | 7  | 10  | 15  | 22  |    |     |    |     |    |     |    |    |    |    |    |    |    |     |     |     |     |     |
| 12  | 8.5       | 2    |                         |     |    | 9   | 13  | 18  | 22 |     |    |     |    |     |    |    |    |    |    |    |    |     |     |     |     |     |
| 16  | 11.5      | 2.7  |                         |     |    | 6   | 9   | 13  | 17 | 26  |    |     |    |     |    |    |    |    |    |    |    |     |     |     |     |     |
| 20  | 14.5      | 3.3  |                         |     |    |     |     | 11  | 13 | 21  | 30 |     |    |     |    |    |    |    |    |    |    |     |     |     |     |     |
| 25  | 18        | 4.2  |                         |     |    |     |     |     |    | 17  | 24 | 33  |    |     |    |    |    |    |    |    |    |     |     |     |     |     |
| 30  | 22        | 5    |                         |     |    |     |     |     |    | 14  | 20 | 25  | 36 |     |    |    |    |    |    |    |    |     |     |     |     |     |
| 32  | 23        | 5.4  |                         |     |    |     |     |     |    |     | 18 | 23  | 34 | 42  |    |    |    |    |    |    |    |     |     |     |     |     |
| 35  | 25        | 5.8  |                         |     |    |     |     |     |    |     |    |     | 31 | 39  | 48 |    |    |    |    |    |    |     |     |     |     |     |
| 40  | 29        | 6.7  |                         |     |    |     |     |     |    |     |    |     | 27 | 34  | 42 |    |    |    |    |    |    |     |     |     |     |     |
| 45  | 32        | 7.5  |                         |     |    |     |     |     |    |     |    |     | 24 | 30  | 37 | 54 | 73 |    |    |    |    |     |     |     |     |     |
| 50  | 36        | 8.3  |                         |     |    |     |     |     |    |     |    |     |    | 28  | 32 | 48 | 65 | 85 |    |    |    |     |     |     |     |     |
| 60  | 43        | 10   |                         |     |    |     |     |     |    |     |    |     |    | 23  | 28 | 40 | 55 | 72 | 90 |    |    |     |     |     |     |     |
| 70  | 50        | 11.5 |                         |     |    |     |     |     |    |     |    |     |    |     | 24 | 34 | 47 | 62 | 77 | 96 |    |     |     |     |     |     |
| 80  | 57        | 13.5 |                         |     |    |     |     |     |    |     |    |     |    |     |    |    | 30 | 41 | 54 | 68 | 84 | 120 |     |     |     |     |
| 90  | 64        | 15   |                         |     |    |     |     |     |    |     |    |     |    |     |    |    |    | 27 | 37 | 48 | 60 | 75  | 110 |     |     |     |
| 100 | 71        | 17   |                         |     |    |     |     |     |    |     |    |     |    |     |    |    |    |    | 24 | 33 | 43 | 54  | 67  | 98  | 150 |     |
| 130 | 93        | 22   |                         |     |    |     |     |     |    |     |    |     |    |     |    |    |    |    |    |    | 42 | 52  | 75  | 116 | 167 |     |
| 180 | 130       | 30   |                         |     |    |     |     |     |    |     |    |     |    |     |    |    |    |    |    |    |    |     | 55  | 85  | 122 | 150 |
| 200 | 145       | 33   |                         |     |    |     |     |     |    |     |    |     |    |     |    |    |    |    |    |    |    |     |     | 76  | 110 | 134 |
| 250 | 180       | 42   |                         |     |    |     |     |     |    |     |    |     |    |     |    |    |    |    |    |    |    |     |     |     | 86  | 108 |

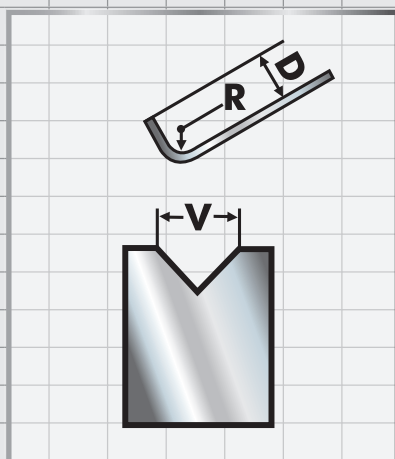
Fuerza necesaria en toneladas para 1 metro de plegado.  
Chapa R= 42/48 Kg. mm² plegado al aire.

 Plegados recomendados



Fuerza necesaria en toneladas para 1 metro de plegado.  
Chapa R= 42/48 Kg. mm<sup>2</sup> plegado al aire.

Plegados recomendados



**U-14401**

**U-14401/1**  
L=1020 mm.

**U-14401/2**  
L=990 mm.  
Fraccionado

Kg/m=17  
Max Tn/m=100  
Ang.=90°

**U-14402**

**U-14402/1**  
L=1020 mm.

**U-14402/2**  
L=990 mm.  
Fraccionado

Kg/m=17  
Max Tn/m=100  
Ang.=85°

**U-14411**

**U-14411/1**  
L=1020 mm.

**U-14411/2**  
L=990 mm.  
Fraccionado

Kg/m=10  
Max Tn/m=100  
Ang.=90°

**U-14412**

**U-14412/1**  
L=1020 mm.

**U-14412/2**  
L=990 mm.  
Fraccionado

Kg/m=10  
Max Tn/m=100  
Ang.=85°

**U-14418**

**U-14418/1**  
L=1020 mm.

**U-14418/2**  
L=990 mm.  
Fraccionado

Kg/m=7  
Max Tn/m=100  
Ang.=24°

**U-14420**

**U-14420/1**  
L=1020 mm.

**U-14420/2**  
L=990 mm.  
Fraccionado

Kg/m=10  
Max Tn/m=150  
Ang.=85°

**U-14515**

**U-14515/1**  
L=1020mm.

**U-14515/2**  
L=990 mm.  
Fraccionado

Kg/m=24  
Max Tn/m=80  
Ang.=90°

**U-14516**

**U-14516/1**  
L=1020 mm.

**U-14516/2**  
L=990 mm.  
Fraccionado

Kg/m=24  
Max Tn/m=80  
Ang.=85°

**U-14715**

**U-14715/1**  
L=1020 mm.

**U-14715/2**  
L=990 mm.  
Fraccionado

Kg/m=17  
Max Tn/m=100  
Ang.=90°

**U-14716**  
**U-14716/1**  
L=1020 mm.  
**U-14716/2**  
L=990 mm.  
Fraccionado  
  
  
Kg/m=17  
Max Tn/m=100  
Ang.=85°

**U-14526**  
**U-14526/1**  
L=1020 mm.  
**U-14526/2**  
L=990 mm.  
Fraccionado  
  
  
Kg/m=15  
Max Tn/m=100  
Ang.=24°

**U-14696**  
**U-14696/1**  
L=1020 mm.  
**U-14696/2**  
L=990 mm.  
Fraccionado  
  
  
Kg/m=13  
Max Tn/m=100  
Ang.=50°

**U-14697**  
**U-14697/1**  
L=1020 mm.  
**U-14697/2**  
L=990 mm.  
Fraccionado  
  
  
Kg/m=16  
Max Tn/m=100  
Ang.=50°

**U-14700**  
**U-14700/1**  
L=1020 mm.  
**U-14700/2**  
L=990 mm.  
Fraccionado  
  
  
Kg/m=29  
Max Tn/m=100  
Ang.=50°

**U-14705**  
**U-14705/1**  
L=1020 mm.  
**U-14705/2**  
L=990 mm.  
Fraccionado  
  
  
Kg/m=20  
Max Tn/m=80  
Ang.=50°

**U-14419**  
**U-14419/1**  
L=1020 mm.  
**U-14419/2**  
L=990 mm.  
Fraccionado  
  
  
Kg/m=12  
Max Tn/m=150  
Ang.=plano

**U-14706**  
**U-14706/1**  
L=1020 mm.  
**U-14706/2**  
L=990 mm.  
Fraccionado  
  
  
Kg/m=34  
Max Tn/m=180  
Ang.plano

**U-14758**  
**U-14758/1**  
L=1020 mm.  
**U-14758/2**  
L=990 mm.  
Fraccionado  
  
  
Kg/m=38  
Max Tn/m=150  
Ang.=80°

**U-314528**

**U-314528/1**  
L=1020 mm.

**U-314528/2**  
L=990 mm.  
Fraccionado

Kg/m=36  
Max Tn/m=100  
Ang.=24°

**U-14702**

**U-14702/1**  
L=1020 mm.

**U-14702/2**  
L=990 mm.  
Fraccionado

Kg/m=25  
Max Tn/m=100  
Ang.=90°

**U-14703**

**U-14703/1**  
L=1020 mm.

**U-14703/2**  
L=990 mm.  
Fraccionado

Kg/m=28  
Max Tn/m=100  
Ang.=80°

**U-314517**

**U-314517/1**  
L=1020 mm.

**U-314517/2**  
L=990 mm.  
Fraccionado

Kg/m=41  
Max Tn/m=90  
Ang.=90°

**U-314518**

**U-314518/1**  
L=1020 mm.

**U-314518/2**  
L=990 mm.  
Fraccionado

Kg/m=41  
Max Tn/m=90  
Ang.=80°

**U-14421**

**U-14421/1**  
L=1020 mm.

**U-14421/2**  
L=990 mm.  
Fraccionado

Kg/m=31  
Max Tn/m=100  
Ang.=90°

**U-14422**

**U-14422/1**  
L=1020 mm.

**U-14422/2**  
L=990 mm.  
Fraccionado

Kg/m=31  
Max Tn/m=100  
Ang.=85°

**U-14450**

**U-14450/1**  
L=1020 mm.

**U-14450/2**  
L=990 mm.  
Fraccionado

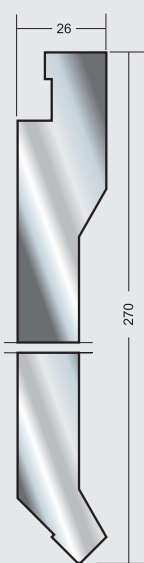
Kg/m=22  
Max Tn/m=100  
Ang.=90°

**U-14451**

**U-14451/1**  
L=1020 mm.

**U-14451/2**  
L=990 mm.  
Fraccionado

Kg/m=22  
Max Tn/m=100  
Ang.=85°

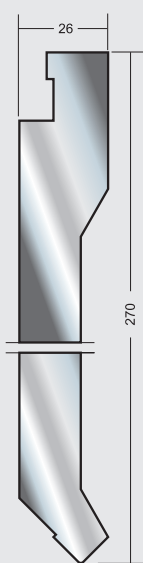


**U-14510**

**U-14510/1**  
L=1020 mm.

**U-14510/2**  
L=990 mm.  
Fraccionado

Kg/m=39  
Max Tn/m=100  
Ang.=90°

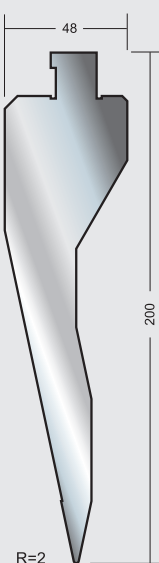


**U-14511**

**U-14511/1**  
L=1020 mm.

**U-14511/2**  
L=990 mm.  
Fraccionado

Kg/m=39  
Max Tn/m=100  
Ang.=85°

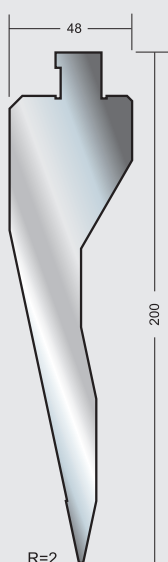


**U-14539**

**U-14539/1**  
L=1020 mm.

**U-14539/2**  
L=990 mm.  
Fraccionado

Kg/m=33  
Max Tn/m=80  
Ang.=24°

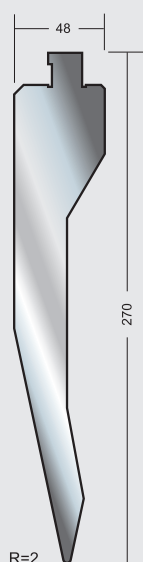


**U-314540**

**U-314540/1**  
L=1020 mm.

**U-314540/2**  
L=990 mm.  
Fraccionado

Kg/m=38  
Max Tn/m=80  
Ang.=24°



**U-314541**

**U-314541/1**  
L=1020 mm.

**U-314541/2**  
L=990 mm.  
Fraccionado

Kg/m=56  
Max Tn/m=80  
Ang.=24°

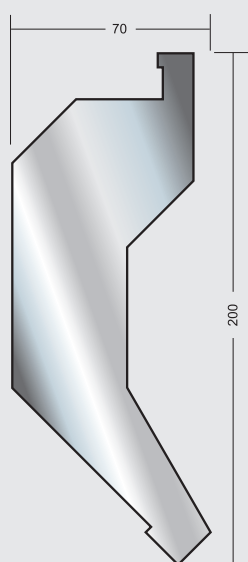


**U-314542**

**U-314542/1**  
L=1020 mm.

**U-314542/2**  
L=990 mm.  
Fraccionado

Kg/m=72  
Max Tn/m=80  
Ang.=24°

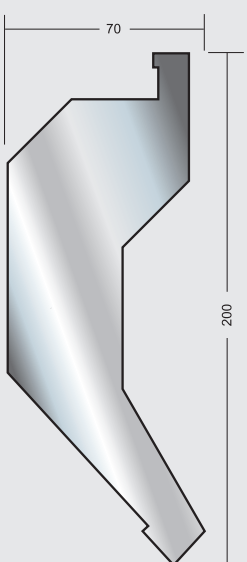


**U-314543**

**U-314543/1**  
L=1020 mm.

**U-314543/2**  
L=990 mm.  
Fraccionado

Kg/m=64  
Max Tn/m=80  
Ang.=90°

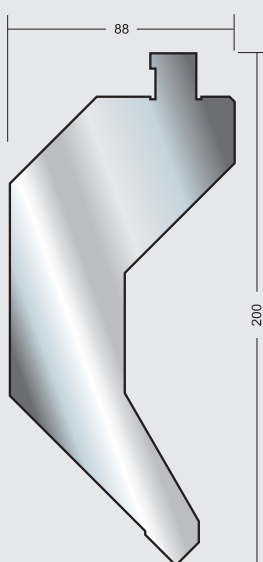


**U-314544**

**U-314544/1**  
L=1020 mm.

**U-314544/2**  
L=990 mm.  
Fraccionado

Kg/m=64  
Max Tn/m=80  
Ang.=85°

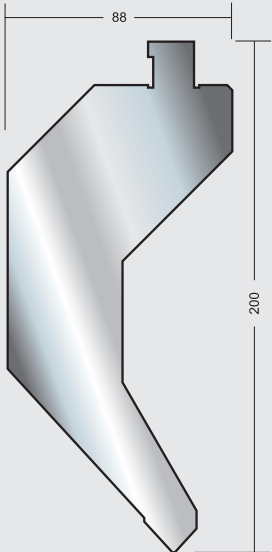


**U-314545**

**U-314545/1**  
L=1020 mm.

**U-314545/2**  
L=990 mm.  
Fraccionado

Kg/m=70  
Max Tn/m=80  
Ang.=90°

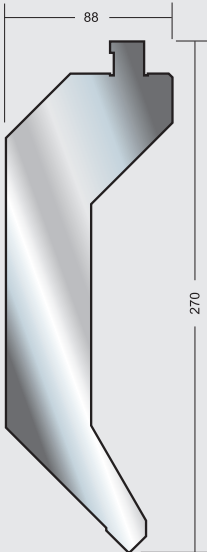


**U-314546**

**U-314546/1**  
L=1020 mm.

**U-314546/2**  
L=990 mm.  
Fraccionado

Kg/m=70  
Max Tn/m=80  
Ang.=85°

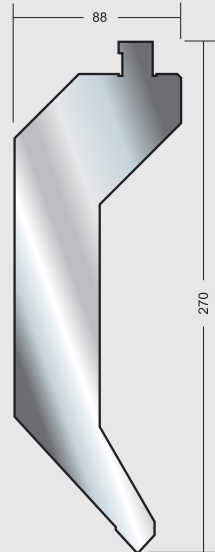


**U-314547**

**U-314547/1**  
L=1020 mm.

**U-314547/2**  
L=990 mm.  
Fraccionado

Kg/m=95  
Max Tn/m=80  
Ang.=90°

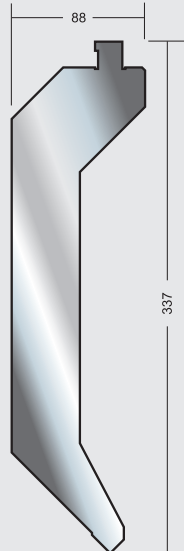


**U-314548**

**U-314548/1**  
L=1020 mm.

**U-314548/2**  
L=990 mm.  
Fraccionado

Kg/m=95  
Max Tn/m=80  
Ang.=85°

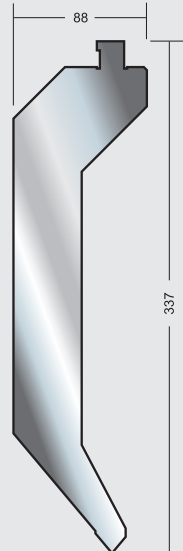


**U-314549**

**U-314549/1**  
L=1020 mm.

**U-314549/2**  
L=990 mm.  
Fraccionado

Kg/m=119  
Max Tn/m=80  
Ang.=90°



**U-314550**

**U-314550/1**  
L=1020 mm.

**U-314550/2**  
L=990 mm.  
Fraccionado

Kg/m=119  
Max Tn/m=80  
Ang.=80°

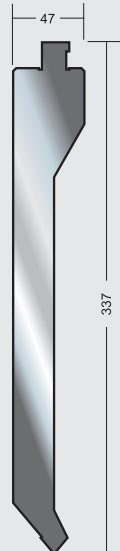


**U-14708**

**U-14708/1**  
L=1020 mm.

**U-14708/2**  
L=990 mm.  
Fraccionado

Kg/m=76  
Max Tn/m=100  
Ang.=90°



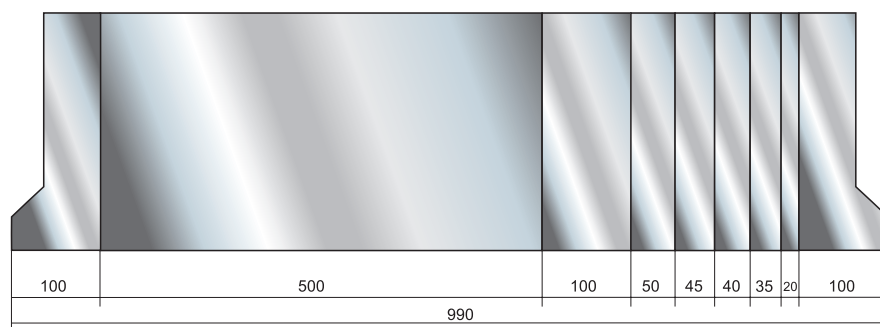
**U-14709**

**U-14709/1**  
L=1020 mm.

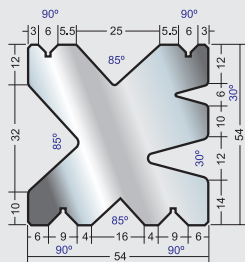
**U-14709/2**  
L=990 mm.  
Fraccionado

Kg/m=76  
Max Tn/m=100  
Ang.=80°

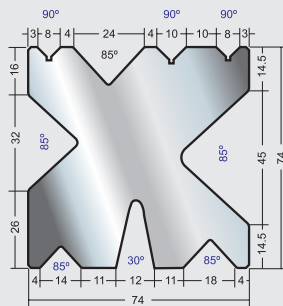
### FRACCIONADO STANDARD



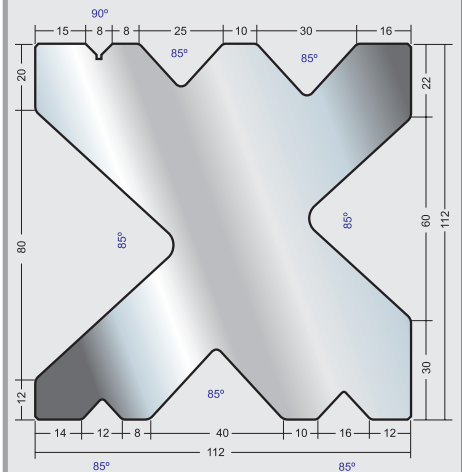
U-14319



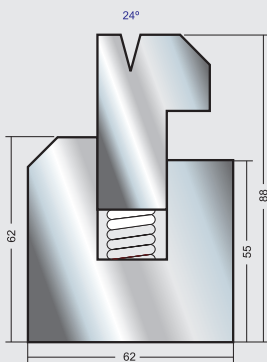
U-14318



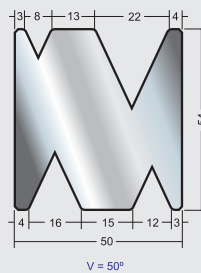
U-14518



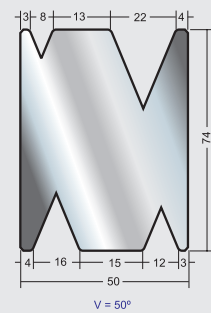
U-479



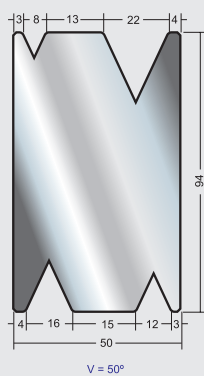
U-14767



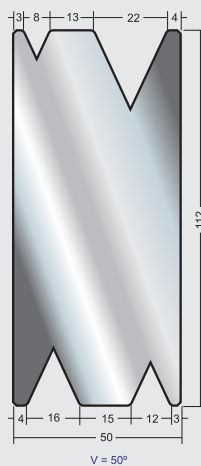
U-14768



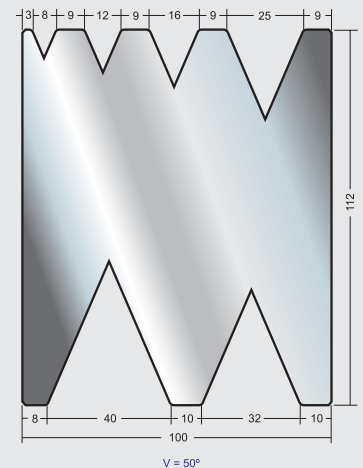
U-14769



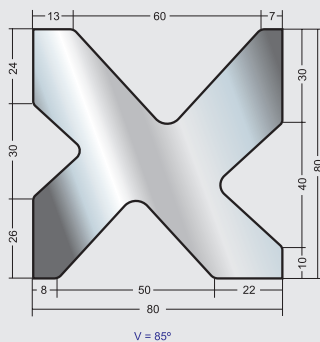
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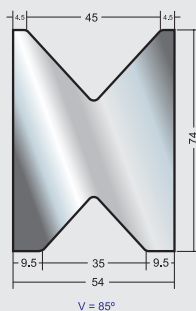
U-14771



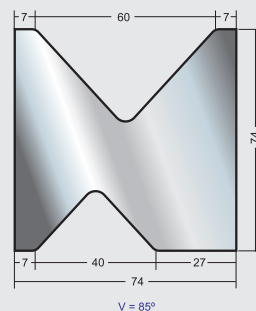
U-14320



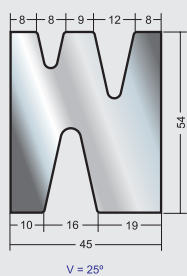
U-14415



U-14417



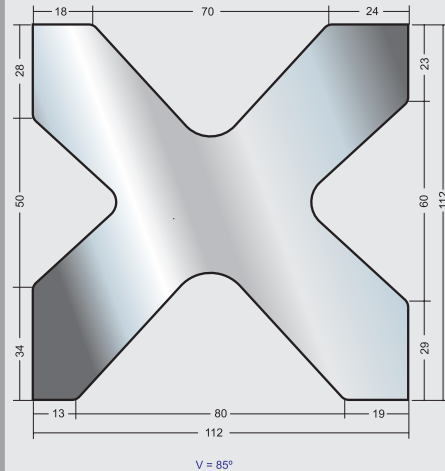
U-14498



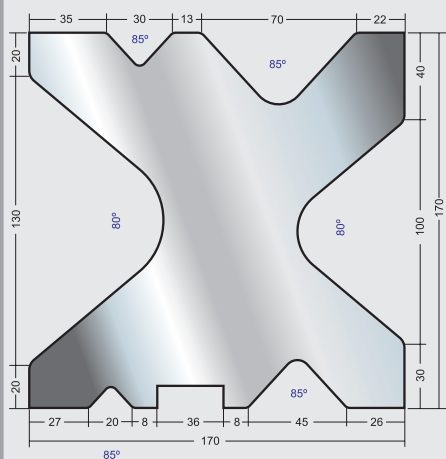
U-14519



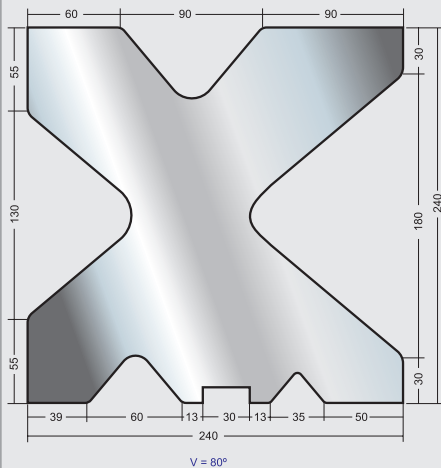
U-14521



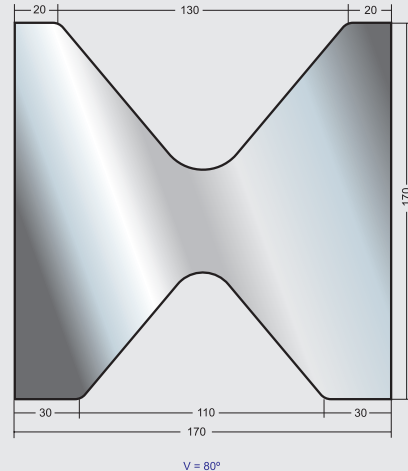
U-14707



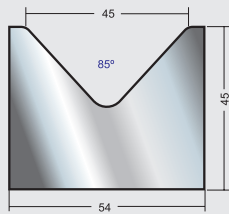
U-14759



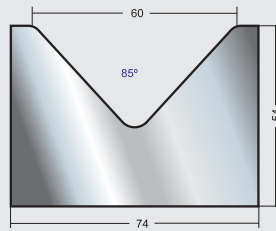
U-14814



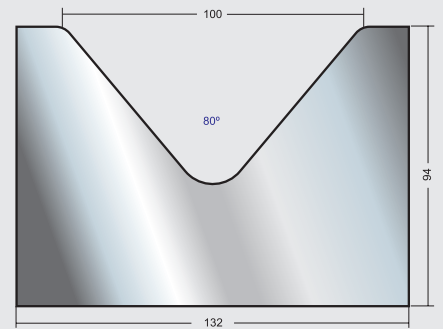
U-14359



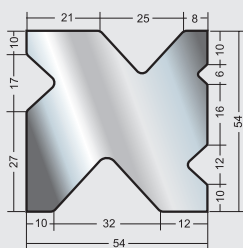
U-14361



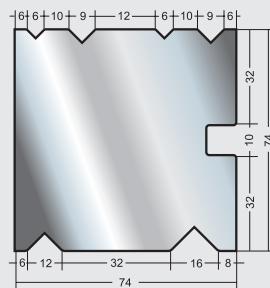
U-14520



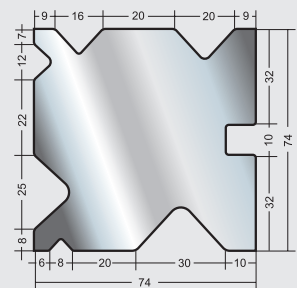
U-14355



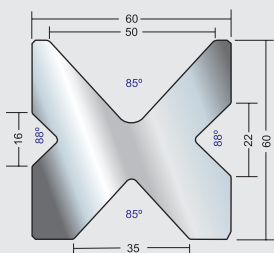
U-14413



U-14414

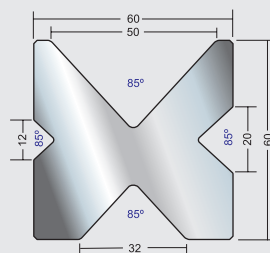


2009



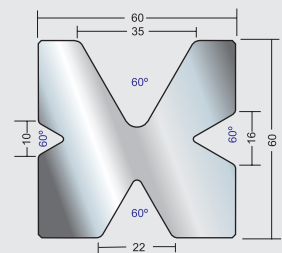
L=835 mm.

2009 BIS



L=835 mm.

2421.60

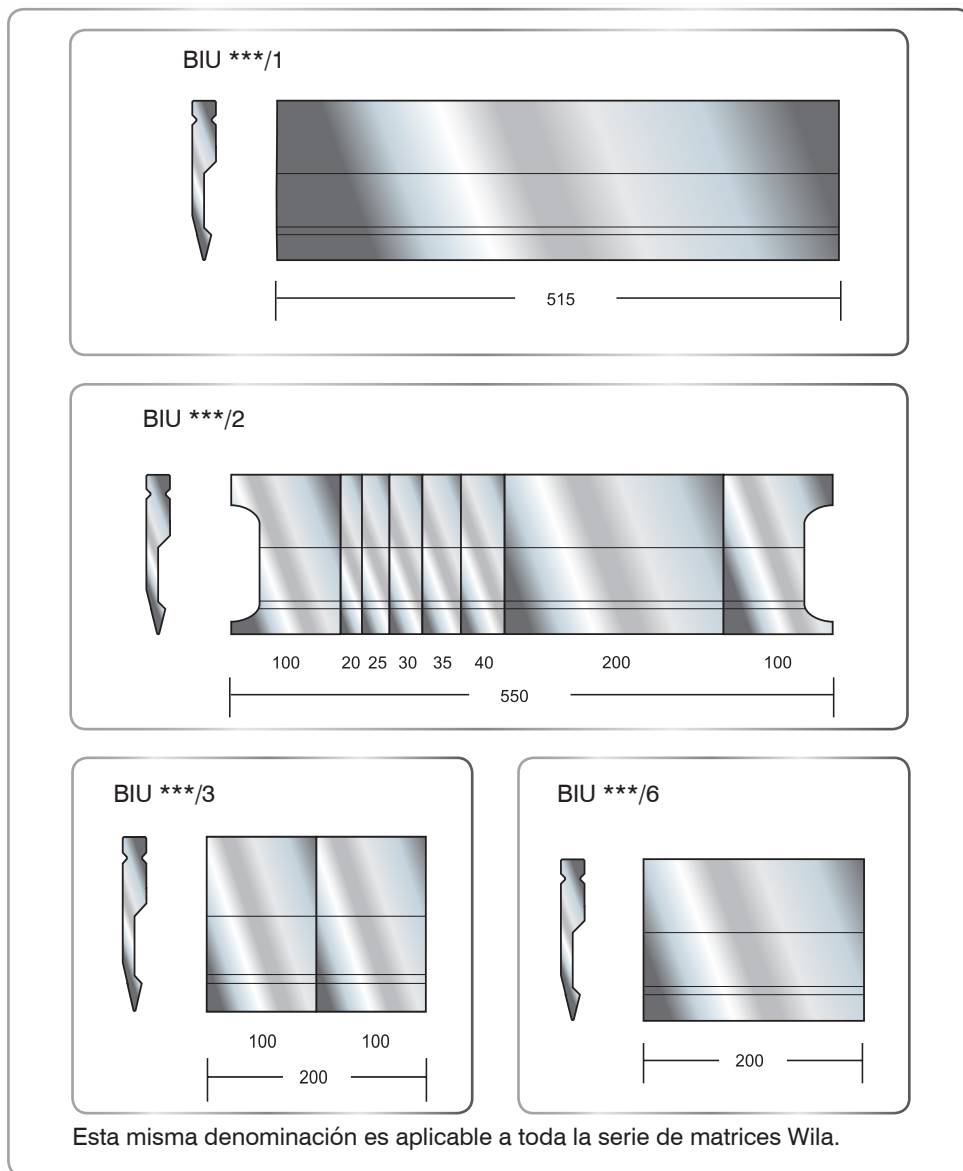
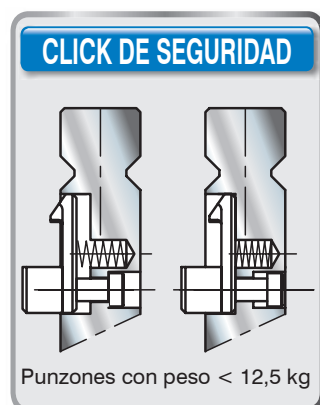


L=835 mm.

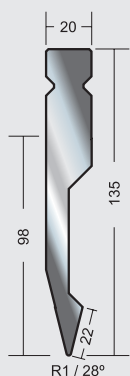
La serie BIU y OZU de punzones y matrices Wila, nos permite un cambio rápido, tanto del punzón como de la matriz, al efectuarse la carga y descarga de los mismos frontalmente. Son ligeros y fáciles de manipular, siendo su longitud máxima de tan solo 515 mm.

El sistema de fijación de punzón y matriz, puede ser hidráulico, el cual minimiza el tiempo de montaje/desmontaje en la plegadora.

El material utilizado para su construcción, el proceso de templado de las caras activas y el alto grado de precisión y repetitividad garantizan la máxima calidad sobre estos útiles y por tanto el mejor resultado sobre los trabajos de plegado.



## BIU-001



BIU-001/1

L=515 mm.

BIU-001/2

L=550 mm.  
Fraccionado

BIU-001/3

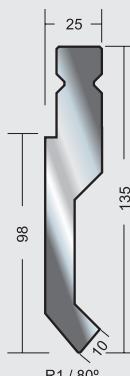
L=200 mm.  
(2 x 100 mm.)

BIU-001/6

L=200 mm.

Kg/m=14.5  
Max Tn/m=100

## BIU-002



BIU-002/1

L=515 mm.

BIU-002/2

L=550 mm.  
Fraccionado

BIU-002/3

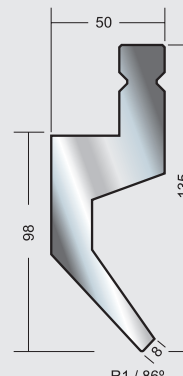
L=200 mm.  
(2 x 100 mm.)

BIU-002/6

L=200 mm.

Kg/m=18  
Max Tn/m=100

## BIU-003



BIU-003/1

L=515 mm.

BIU-003/2

L=550 mm.  
Fraccionado

BIU-003/3

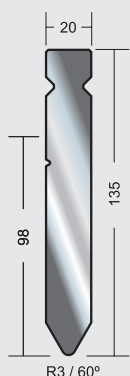
L=200 mm.  
(2 x 100 mm.)

BIU-003/6

L=200 mm.

Kg/m=24  
Max Tn/m=65

## BIU-004



BIU-004/1

L=515 mm.

BIU-004/2

L=550 mm.  
Fraccionado

BIU-004/3

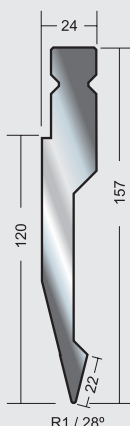
L=200 mm.  
(2 x 100 mm.)

BIU-004/6

L=200 mm.

Kg/m=20.5  
Max Tn/m=160

## BIU-011



BIU-011/1

L=515 mm.

BIU-011/2

L=550 mm.  
Fraccionado

BIU-011/3

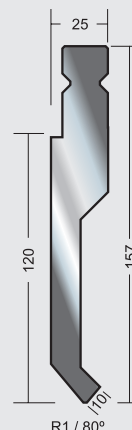
L=200 mm.  
(2 x 100 mm.)

BIU-011/6

L=200 mm.

Kg/m=18.5  
Max Tn/m=100

## BIU-012



BIU-012/1

L=515 mm.

BIU-012/2

L=550 mm.  
Fraccionado

BIU-012/3

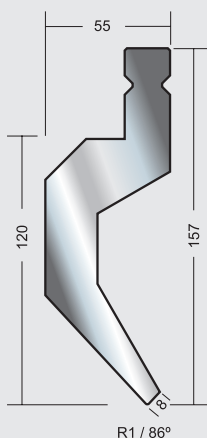
L=200 mm.  
(2 x 100 mm.)

BIU-012/6

L=200 mm.

Kg/m=21  
Max Tn/m=100

## BIU-013



BIU-013/1

L=515 mm.

BIU-013/2

L=550 mm.  
Fraccionado

BIU-013/3

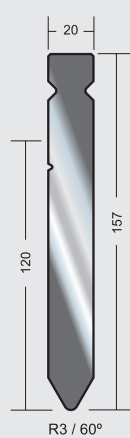
L=200 mm.  
(2 x 100 mm.)

BIU-013/6

L=200 mm.

Kg/m=30  
Max Tn/m=65

## BIU-014



BIU-014/1

L=515 mm.

BIU-014/2

L=550 mm.  
Fraccionado

BIU-014/3

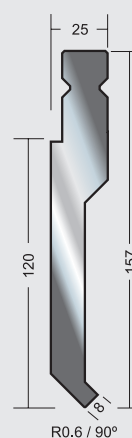
L=200 mm.  
Fraccionado

BIU-014/6

L=200 mm.

Kg/m=23.7  
Max Tn/m=160

## BIU-015



BIU-015/1

L=515 mm.

BIU-015/2

L=550 mm.  
Fraccionado

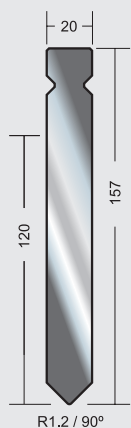
BIU-015/3

L=200 mm.  
(2 x 100 mm.)

BIU-015/6

L=200 mm.

Kg/m=21  
Max Tn/m=60



## BIU-016

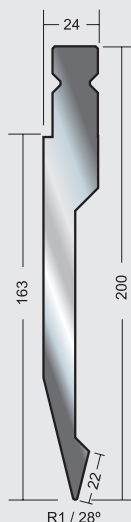
**BIU-016/1**  
L=515 mm.

**BIU-016/2**  
L=550 mm.  
Fraccionado

**BIU-016/3**  
L=200 mm.  
(2 x 100 mm.)

**BIU-016/6**  
L=200 mm.

Kg/m=24  
Max Tn/m=100



## BIU-021

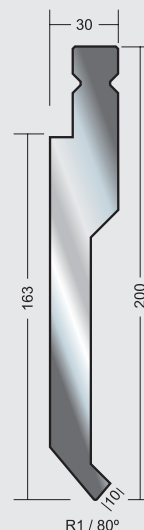
**BIU-021/1**  
L=515 mm.

**BIU-021/2**  
L=550 mm.  
Fraccionado

**BIU-021/3**  
L=200 mm.  
Fraccionado

**BIU-021/6**  
L=200 mm.

Kg/m=24  
Max Tn/m=70



## BIU-022

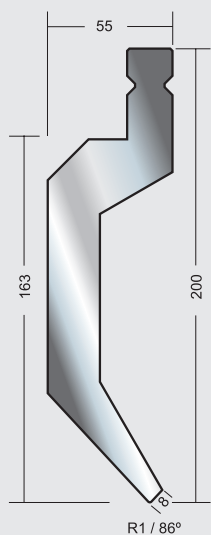
**BIU-022/1**  
L=515 mm.

**BIU-022/2**  
L=550 mm.  
Fraccionado

**BIU-022/3**  
L=200 mm.  
Fraccionado

**BIU-022/6**  
L=200 mm.

Kg/m=31.5  
Max Tn/m=80



## BIU-023

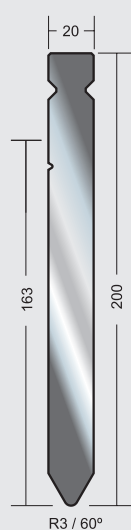
**BIU-023/1**  
L=515 mm.

**BIU-023/2**  
L=550 mm.  
Fraccionado

**BIU-023/3**  
L=200 mm.  
Fraccionado

**BIU-023/6**  
L=200 mm.

Kg/m=38  
Max Tn/m=65



## BIU-024

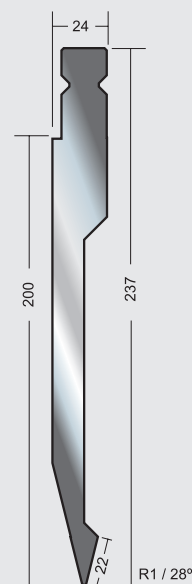
**BIU-024/1**  
L=515 mm.

**BIU-024/2**  
L=550 mm.  
Fraccionado

**BIU-024/3**  
L=200 mm.  
Fraccionado

**BIU-024/6**  
L=200 mm.

Kg/m=31  
Max Tn/m=160



## BIU-031

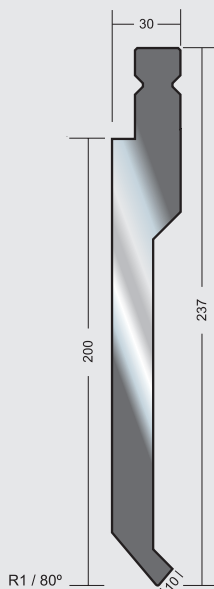
**BIU-031/1**  
L=515 mm.

**BIU-031/2**  
L=550 mm.  
Fraccionado

**BIU-031/3**  
L=200 mm.  
Fraccionado

**BIU-031/6**  
L=200 mm.

Kg/m=29  
Max Tn/m=60



## BIU-032

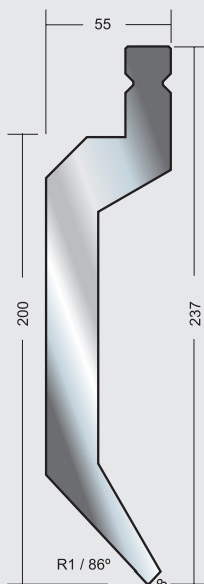
**BIU-032/1**  
L=515 mm.

**BIU-032/2**  
L=550 mm.  
Fraccionado

**BIU-032/3**  
L=200 mm.  
Fraccionado

**BIU-032/6**  
L=200 mm.

Kg/m=38.4  
Max Tn/m=80



## BIU-033

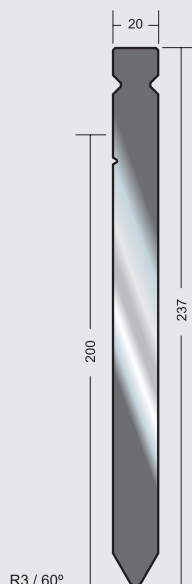
**BIU-033/1**  
L=515 mm.

**BIU-033/2**  
L=550 mm.  
Fraccionado

**BIU-033/3**  
L=200 mm.  
Fraccionado

**BIU-033/6**  
L=200 mm.

Kg/m=45  
Max Tn/m=50



## BIU-034

**BIU-034/1**  
L=515 mm.

**BIU-034/2**  
L=550 mm.  
Fraccionado

**BIU-034/3**  
L=200 mm.  
Fraccionado

**BIU-034/6**  
L=200 mm.

Kg/m=36.6  
Max Tn/m=160

**BIU-035**

**BIU-035/1**  
L=515 mm.

**BIU-035/2**  
L=550 mm.  
Fraccionado

**BIU-035/3**  
L=200 mm.  
Fraccionado

**BIU-035/6**  
L=200 mm.

Kg/m=34  
Max Tn/m=60

**BIU-036**

**BIU-036/1**  
L=515 mm.

**BIU-036/2**  
L=550 mm.  
Fraccionado

**BIU-036/3**  
L=200 mm.  
Fraccionado

**BIU-036/6**  
L=200 mm.

Kg/m=37  
Max Tn/m=100

**BIU-051**

**BIU-051/1**  
L=515 mm.

**BIU-051/2**  
L=550 mm.  
Fraccionado

**BIU-051/3**  
L=200 mm.  
Fraccionado

**BIU-051/6**  
L=200 mm.

Kg/m=22  
Max Tn/m=100

Punzón para aplastar.

**BIU-053**

**BIU-053/1**  
L=515 mm.

**BIU-053/2**  
L=550 mm.  
Fraccionado

**BIU-053/3**  
L=200 mm.  
Fraccionado

**BIU-053/6**  
L=200 mm.

Kg/m=38  
Max Tn/m=100

Punzón para aplastar.

**BIU-061**

**BIU-061/1**  
L=515 mm.

**BIU-061/2**  
L=550 mm.  
Fraccionado

**BIU-061/3**  
L=200 mm.  
Fraccionado

**BIU-061/6**  
L=200 mm.

Kg/m=20.1  
Max Tn/m=50

Punzón para aplastar.

**BIU-063**

**BIU-063/1**  
L=515 mm.

**BIU-063/2**  
L=550 mm.  
Fraccionado

**BIU-063/3**  
L=200 mm.  
Fraccionado

**BIU-063/6**  
L=200 mm.

Kg/m=36.1  
Max Tn/m=100

Punzón para aplastar.

**BIU-035**

**BIU-035/1**  
L=515 mm.

**BIU-035/2**  
L=550 mm.  
Fraccionado

**BIU-035/3**  
L=200 mm.  
Fraccionado

**BIU-035/6**  
L=200 mm.

Kg/m=34  
Max Tn/m=60

**BIU-036**

**BIU-036/1**  
L=515 mm.

**BIU-036/2**  
L=550 mm.  
Fraccionado

**BIU-036/3**  
L=200 mm.  
Fraccionado

**BIU-036/6**  
L=200 mm.

Kg/m=37  
Max Tn/m=100

**BIU-051**

**BIU-051/1**  
L=515 mm.

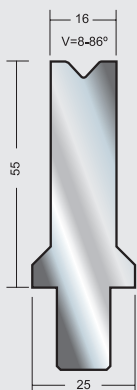
**BIU-051/2**  
L=550 mm.  
Fraccionado

**BIU-051/3**  
L=200 mm.  
Fraccionado

**BIU-051/6**  
L=200 mm.

Kg/m=22  
Max Tn/m=100

Punzón para aplastar.



## OZU-010

OZU-010/1

L=515 mm.

OZU-010/2

L=550 mm.  
Fraccionada

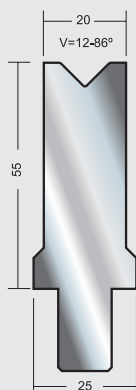
OZU-010/3

L=200 mm.  
Fraccionada

OZU-010/6

L=200 mm.

Kg/m=9.5  
Max Tn/m=40



## OZU-011

OZU-011/1

L=515 mm.

OZU-011/2

L=550 mm.  
Fraccionada

OZU-011/3

L=200 mm.  
Fraccionada

OZU-011/6

L=200 mm.

Kg/m=11  
Max Tn/m=50



## OZU-012

OZU-012/1

L=515 mm.

OZU-012/2

L=550 mm.  
Fraccionada

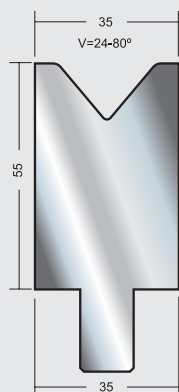
OZU-012/3

L=200 mm.  
Fraccionada

OZU-012/6

L=200 mm.

Kg/m=13  
Max Tn/m=80



## OZU-013

OZU-013/1

L=515 mm.

OZU-013/2

L=550 mm.  
Fraccionada

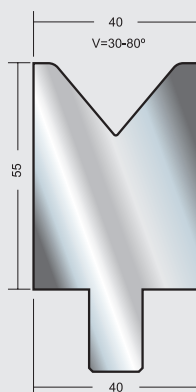
OZU-013/3

L=200 mm.  
Fraccionada

OZU-013/6

L=200 mm.

Kg/m=16  
Max Tn/m=90



## OZU-014

OZU-014/1

L=515 mm.

OZU-014/2

L=550 mm.  
Fraccionada

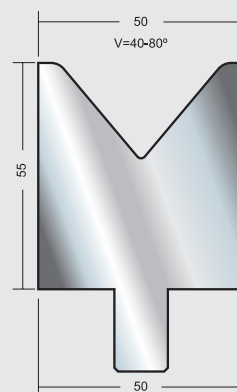
OZU-014/3

L=200 mm.  
Fraccionada

OZU-014/6

L=200 mm.

Kg/m=17  
Max Tn/m=100



## OZU-015

OZU-015/1

L=515 mm.

OZU-015/2

L=550 mm.  
Fraccionada

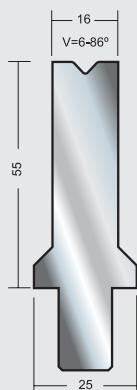
OZU-015/3

L=200 mm.  
Fraccionada

OZU-015/6

L=200 mm.

Kg/m=21  
Max Tn/m=100



## OZU-021

OZU-021/1

L=515 mm.

OZU-021/2

L=550 mm.  
Fraccionada

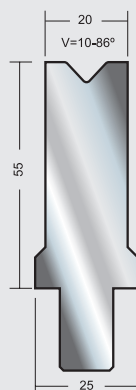
OZU-021/3

L=200 mm.  
Fraccionada

OZU-021/6

L=200 mm.

Kg/m=9.5  
Max Tn/m=40



## OZU-022

OZU-022/1

L=515 mm.

OZU-022/2

L=550 mm.  
Fraccionada

OZU-022/3

L=200 mm.  
Fraccionada

OZU-022/6

L=200 mm.

Kg/m=11  
Max Tn/m=45



## OZU-023

OZU-023/1

L=515 mm.

OZU-023/2

L=550 mm.  
Fraccionada

OZU-023/3

L=200 mm.  
Fraccionada

OZU-023/6

L=200 mm.

Kg/m=15  
Max Tn/m=85

**OZU-031**

**OZU-031/1**  
L=515 mm.

**OZU-031/2**  
L=550 mm.  
Fraccionada

**OZU-031/3**  
L=200 mm.  
Fraccionada

**OZU-031/6**  
L=200 mm.

Kg/m=15  
Max Tn/m=70

**OZU-032**

**OZU-032/1**  
L=515 mm.

**OZU-032/2**  
L=550 mm.  
Fraccionada

**OZU-032/3**  
L=200 mm.  
Fraccionada

**OZU-032/6**  
L=200 mm.

Kg/m=17  
Max Tn/m=80

**OZU-035**

**OZU-035/1**  
L=515 mm.

**OZU-035/2**  
L=550 mm.  
Fraccionada

**OZU-035/3**  
L=200 mm.  
Fraccionada

**OZU-035/6**  
L=200 mm.

Kg/m=29  
Max Tn/m=100

**OZU-041**

**OZU-041/1**  
L=515 mm.

**OZU-041/2**  
L=550 mm.  
Fraccionada

**OZU-041/3**  
L=200 mm.  
Fraccionada

**OZU-041/6**  
L=200 mm.

Kg/m=9.5  
Max Tn/m=40

**OZU-042**

**OZU-042/1**  
L=515 mm.

**OZU-042/2**  
L=550 mm.  
Fraccionada

**OZU-042/3**  
L=200 mm.  
Fraccionada

**OZU-042/6**  
L=200 mm.

Kg/m=9.5  
Max Tn/m=40

**OZU-043**

**OZU-043/1**  
L=515 mm.

**OZU-043/2**  
L=550 mm.  
Fraccionada

**OZU-043/3**  
L=200 mm.  
Fraccionada

**OZU-043/6**  
L=200 mm.

Kg/m=11  
Max Tn/m=50

**OZU-044**

**OZU-044/1**  
L=515 mm.

**OZU-044/2**  
L=550 mm.  
Fraccionada

**OZU-044/3**  
L=200 mm.  
Fraccionada

**OZU-044/6**  
L=200 mm.

Kg/m=11  
Max Tn/m=60

**OZU-045**

**OZU-045/1**  
L=515 mm.

**OZU-045/2**  
L=550 mm.  
Fraccionada

**OZU-045/3**  
L=200 mm.  
Fraccionada

**OZU-045/6**  
L=200 mm.

Kg/m=15  
Max Tn/m=80

**OZU-051**

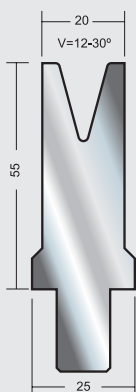
**OZU-051/1**  
L=515 mm.

**OZU-051/2**  
L=550 mm.  
Fraccionada

**OZU-051/3**  
L=200 mm.  
Fraccionada

**OZU-051/6**  
L=200 mm.

Kg/m=9.5  
Max Tn/m=40



## OZU-052

OZU-052/1

L=515 mm.

OZU-052/2

L=550 mm.  
Fraccionada

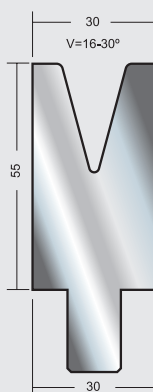
OZU-052/3

L=200 mm.  
Fraccionada

OZU-052/6

L=200 mm.

Kg/m=10  
Max Tn/m=40



## OZU-053

OZU-053/1

L=515 mm.

OZU-053/2

L=550 mm.  
Fraccionada

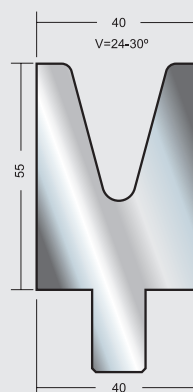
OZU-053/3

L=200 mm.  
Fraccionada

OZU-053/6

L=200 mm.

Kg/m=13.5  
Max Tn/m=55



## OZU-054

OZU-054/1

L=515 mm.

OZU-054/2

L=550 mm.  
Fraccionada

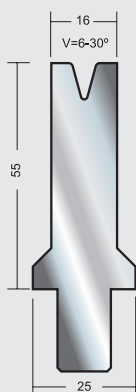
OZU-054/3

L=200 mm.  
Fraccionada

OZU-054/6

L=200 mm.

Kg/m=16  
Max Tn/m=60



## OZU-061

OZU-061/1

L=515 mm.

OZU-061/2

L=550 mm.  
Fraccionada

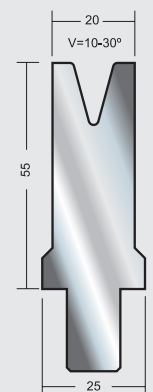
OZU-061/3

L=200 mm.  
Fraccionada

OZU-061/6

L=200 mm.

Kg/m=9.5  
Max Tn/m=40



## OZU-062

OZU-062/1

L=515 mm.

OZU-062/2

L=550 mm.  
Fraccionada

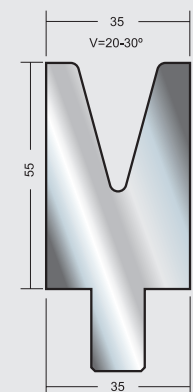
OZU-062/3

L=200 mm.  
Fraccionada

OZU-062/6

L=200 mm.

Kg/m=10.5  
Max Tn/m=40



## OZU-063

OZU-063/1

L=515 mm.

OZU-063/2

L=550 mm.  
Fraccionada

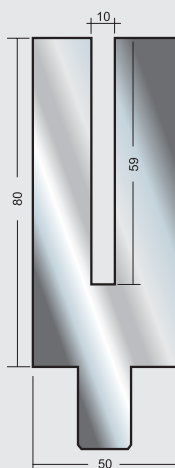
OZU-063/3

L=200 mm.  
Fraccionada

OZU-063/6

L=200 mm.

Kg/m=15  
Max Tn/m=55



## OZU-081

OZU-081/1

L=515 mm.

OZU-081/2

L=550 mm.  
Fraccionada

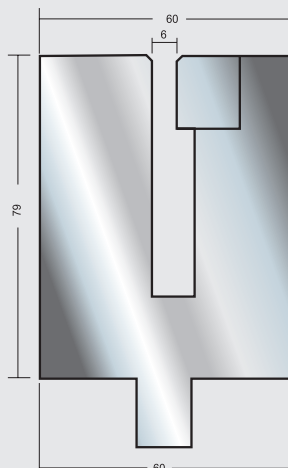
OZU-081/3

L=200 mm.  
Fraccionada

OZU-081/6

L=200 mm.

Kg/m=29  
Max Tn/m=50



## OZU-082

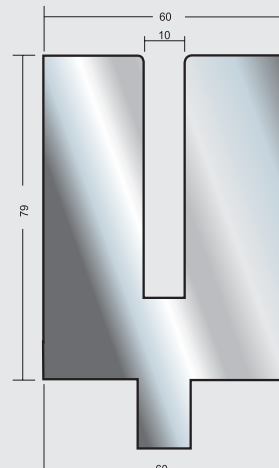
OZU-082/1

L=515 mm.

OZU-082/6

L=200 mm.

Kg/m=27  
Max Tn/m=50



## OZU-083

OZU-083/1

L=515 mm.

OZU-083/6

L=200 mm.

Kg/m=35  
Max Tn/m=50

**OZU-310**

**OZU-310/1**  
L=515 mm.

**OZU-310/2**  
L=550 mm.  
Fraccionada

**OZU-310/3**  
L=200 mm.  
Fraccionada

**OZU-310/6**  
L=200 mm.

Kg/m=15.3  
Max Tn/m=40

**OZU-311**

**OZU-311/1**  
L=515 mm.

**OZU-311/2**  
L=550 mm.  
Fraccionada

**OZU-311/3**  
L=200 mm.  
Fraccionada

**OZU-311/6**  
L=200 mm.

Kg/m=16.2  
Max Tn/m=50

**OZU-312**

**OZU-312/1**  
L=515 mm.

**OZU-312/2**  
L=550 mm.  
Fraccionada

**OZU-312/3**  
L=200 mm.  
Fraccionada

**OZU-312/6**  
L=200 mm.

Kg/m=19.3  
Max Tn/m=80

**OZU-313**

**OZU-313/1**  
L=515 mm.

**OZU-313/2**  
L=550 mm.  
Fraccionada

**OZU-313/3**  
L=200 mm.  
Fraccionada

**OZU-313/6**  
L=200 mm.

Kg/m=26.5  
Max Tn/m=90

**OZU-321**

**OZU-321/1**  
L=515 mm.

**OZU-321/2**  
L=550 mm.  
Fraccionada

**OZU-321/3**  
L=200 mm.  
Fraccionada

**OZU-321/6**  
L=200 mm.

Kg/m=15.4  
Max Tn/m=40

**OZU-322**

**OZU-322/1**  
L=515 mm.

**OZU-322/2**  
L=550 mm.  
Fraccionada

**OZU-322/3**  
L=200 mm.  
Fraccionada

**OZU-322/6**  
L=200 mm.

Kg/m=25.1  
Max Tn/m=45

**OZU-323**

**OZU-323/1**  
L=515 mm.

**OZU-323/2**  
L=550 mm.  
Fraccionada

**OZU-323/3**  
L=200 mm.  
Fraccionada

**OZU-323/6**  
L=200 mm.

Kg/m=24.9  
Max Tn/m=85

**OZU-324**

**OZU-324/1**  
L=515 mm.

**OZU-324/2**  
L=550 mm.  
Fraccionada

**OZU-324/3**  
L=200 mm.  
Fraccionada

**OZU-324/6**  
L=200 mm.

Kg/m=32.1  
Max Tn/m=100

**OZU-325**

**OZU-325/1**  
L=515 mm.

**OZU-325/2**  
L=550 mm.  
Fraccionada

**OZU-325/3**  
L=200 mm.  
Fraccionada

**OZU-325/6**  
L=200 mm.

Kg/m=41.9  
Max Tn/m=100



**OZU-328**

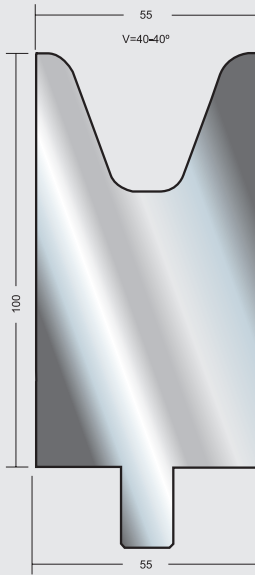
**OZU-328/1**  
L=515 mm.

**OZU-328/2**  
L=550 mm.  
Fraccionada

**OZU-328/3**  
L=200 mm.  
Fraccionada

**OZU-328/6**  
L=200 mm.

Kg/m=33.1  
Max Tn/m=70



**OZU-329**

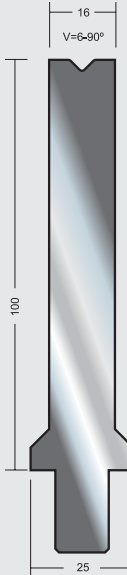
**OZU-329/1**  
L=515 mm.

**OZU-329/2**  
L=550 mm.  
Fraccionada

**OZU-329/3**  
L=200 mm.  
Fraccionada

**OZU-329/6**  
L=200 mm.

Kg/m=54.1  
Max Tn/m=100



**OZU-341**

**OZU-341/1**  
L=515 mm.

**OZU-341/2**  
L=550 mm.  
Fraccionada

**OZU-341/3**  
L=200 mm.  
Fraccionada

**OZU-341/6**  
L=200 mm.

Kg/m=15.1  
Max Tn/m=40



**OZU-342**

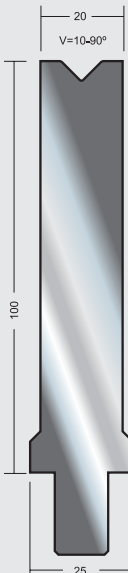
**OZU-342/1**  
L=515 mm.

**OZU-342/2**  
L=550 mm.  
Fraccionada

**OZU-342/3**  
L=200 mm.  
Fraccionada

**OZU-342/6**  
L=200 mm.

Kg/m=15.1  
Max Tn/m=40



**OZU-343**

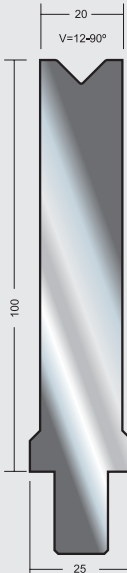
**OZU-343/1**  
L=515 mm.

**OZU-343/2**  
L=550 mm.  
Fraccionada

**OZU-343/3**  
L=200 mm.  
Fraccionada

**OZU-343/6**  
L=200 mm.

Kg/m=17.9  
Max Tn/m=50



**OZU-344**

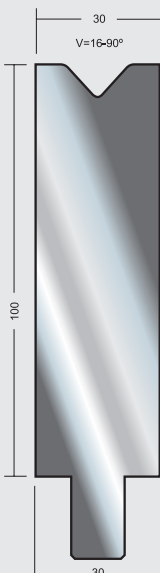
**OZU-344/1**  
L=515 mm.

**OZU-344/2**  
L=550 mm.  
Fraccionada

**OZU-344/3**  
L=200 mm.  
Fraccionada

**OZU-344/6**  
L=200 mm.

Kg/m=17.8  
Max Tn/m=60



**OZU-345**

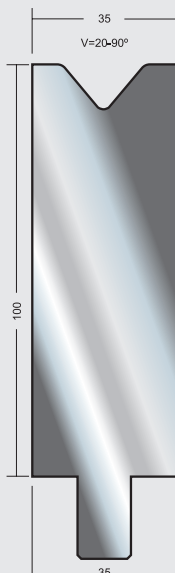
**OZU-345/1**  
L=515 mm.

**OZU-345/2**  
L=550 mm.  
Fraccionada

**OZU-345/3**  
L=200 mm.  
Fraccionada

**OZU-345/6**  
L=200 mm.

Kg/m=25.8  
Max Tn/m=80



**OZU-346**

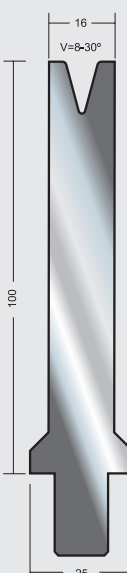
**OZU-346/1**  
L=515 mm.

**OZU-346/2**  
L=550 mm.  
Fraccionada

**OZU-346/3**  
L=200 mm.  
Fraccionada

**OZU-346/6**  
L=200 mm.

Kg/m=28.7  
Max Tn/m=100



**OZU-351**

**OZU-351/1**  
L=515 mm.

**OZU-351/2**  
L=550 mm.  
Fraccionada

**OZU-351/3**  
L=200 mm.  
Fraccionada

**OZU-351/6**  
L=200 mm.

Kg/m=15  
Max Tn/m=40

**OZU-352**

**OZU-352/1**  
L=515 mm.

**OZU-352/2**  
L=550 mm.  
Fraccionada

**OZU-352/3**  
L=200 mm.  
Fraccionada

**OZU-352/6**  
L=200 mm.

Kg/m=17.4  
Max Tn/m=40

**OZU-353**

**OZU-353/1**  
L=515 mm.

**OZU-353/2**  
L=550 mm.  
Fraccionada

**OZU-353/3**  
L=200 mm.  
Fraccionada

**OZU-353/6**  
L=200 mm.

Kg/m=24.2  
Max Tn/m=55

**OZU-354**

**OZU-354/1**  
L=515 mm.

**OZU-354/2**  
L=550 mm.  
Fraccionada

**OZU-354/3**  
L=200 mm.  
Fraccionada

**OZU-354/6**  
L=200 mm.

Kg/m=30.1  
Max Tn/m=60

**OZU-361**

**OZU-361/1**  
L=515 mm.

**OZU-361/2**  
L=550 mm.  
Fraccionada

**OZU-361/3**  
L=200 mm.  
Fraccionada

**OZU-361/6**  
L=200 mm.

Kg/m=15.2  
Max Tn/m=40

**OZU-362**

**OZU-362/1**  
L=515 mm.

**OZU-362/2**  
L=550 mm.  
Fraccionada

**OZU-362/3**  
L=200 mm.  
Fraccionada

**OZU-362/6**  
L=200 mm.

Kg/m=17.7  
Max Tn/m=40

**OZU-363**

**OZU-363/1**  
L=515 mm.

**OZU-363/2**  
L=550 mm.  
Fraccionada

**OZU-363/3**  
L=200 mm.  
Fraccionada

**OZU-363/6**  
L=200 mm.

Kg/m=27.2  
Max Tn/m=55

**OZU-381**

**OZU-381/1**  
L=515 mm.

**OZU-381/2**  
L=550 mm.  
Fraccionada

**OZU-381/3**  
L=200 mm.  
Fraccionada

**OZU-381/6**  
L=200 mm.

Kg/m=44.6  
Max Tn/m=50

**OZU-382**

**OZU-382/1**  
L=515 mm.

**OZU-382/6**  
L=200 mm.

Kg/m=45.1  
Max Tn/m=50

**OZU-383**

**OZU-383/1**  
L=515 mm.

**OZU-383/6**  
L=200 mm.

Kg/m=45.1  
Max Tn/m=50

**OZU-016**

**OZU-016/1**  
L=515 mm.

**OZU-016/2**  
L=550 mm.  
Fraccionada

**OZU-016/3**  
L=200 mm.  
Fraccionada

**OZU-016/6**  
L=200 mm.

Kg/m=32  
Max Tn/m=100

**OZU-017**

**OZU-017/1**  
L=515 mm.

**OZU-017/6**  
L=200 mm.

Kg/m=38.5  
Max Tn/m=100

**OZU-018**

**OZU-018/1**  
L=515 mm.

**OZU-018/6**  
L=200 mm.

Kg/m=62.5  
Max Tn/m=145

**OZU-070**

**OZU-070/1**  
L=515 mm.

**OZU-070/6**  
L=200 mm.

Kg/m=88.3  
Max Tn/m=170

**OZU-071**

**OZU-071/1**  
L=515 mm.

**OZU-071/6**  
L=200 mm.

Kg/m=153.8  
Max Tn/m=200

**OZU-317**

**BIU-317/1**  
L=515 mm.

**BIU-317/6**  
L=200 mm.

Kg/m=70.6  
Max Tn/m=100

**OZU-318**

**OZU-318/1**  
L=515 mm.

**OZU-318/6**  
L=200 mm.

Kg/m=81.5  
Max Tn/m=145

**OZU-326**

**OZU-326/1**  
L=515 mm.

**OZU-326/2**  
L=550 mm.  
Fraccionada

**OZU-326/3**  
L=200 mm.  
Fraccionada

**OZU-326/6**  
L=200 mm.

Kg/m=47.8  
Max Tn/m=100

**OZU-327**

**OZU-327/1**  
L=515 mm.

**OZU-327/2**  
L=550 mm.  
Fraccionada

**OZU-327/3**  
L=200 mm.  
Fraccionada

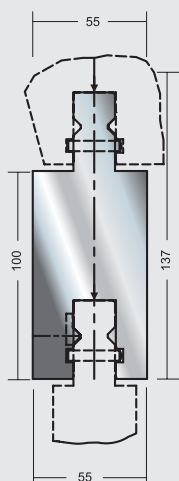
**OZU-327/6**  
L=200 mm.

Kg/m=54.1  
Max Tn/m=100

## TSU-029

TSU-029/1  
L=515 mm.

TSU-029/4  
L=150 mm.

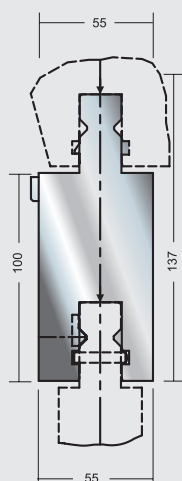


Con pin de seguridad

Max Tn/m=100

## TSU-030

TSU-030/4  
L=150 mm.

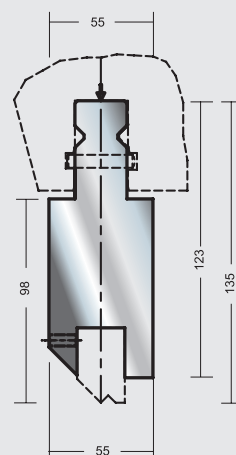


Con click de seguridad

Max Tn/m=100

## HU-001

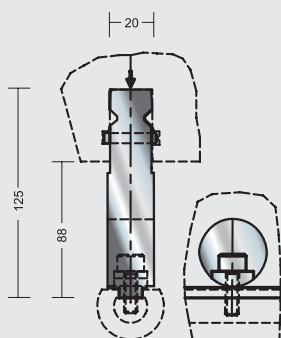
HU-001/1  
L=515 mm.



Max Tn/m=100

## HU-004

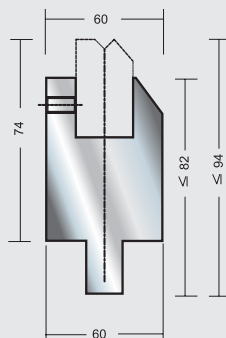
HU-004/1  
L=515 mm.



Max Tn/m=100

## HU-005

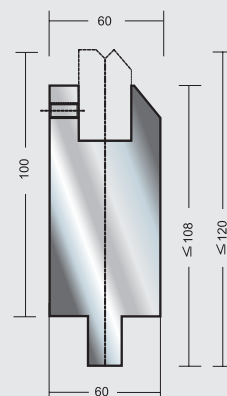
HU-005/1  
L=515 mm.



Max Tn/m=100

## HU-006

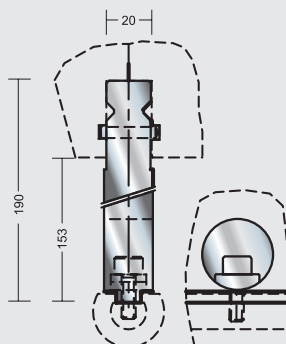
HU-006/1  
L=515 mm.



Max Tn/m=100

## HU-024

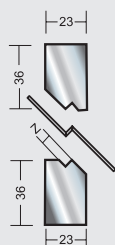
HU-024/1  
L=515 mm.



Max Tn/m=100

## INZU-001

INZU-001/1  
L=515 mm.

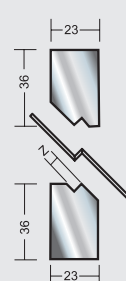


| $\alpha$ | Z      |
|----------|--------|
| 160°     | 1,0 mm |
| 160°     | 1,5 mm |
| 150°     | 2,0 mm |
| 140°     | 2,5 mm |

Max Tn/m=100

## INZU-002

INZU-002/1  
L=515 mm.

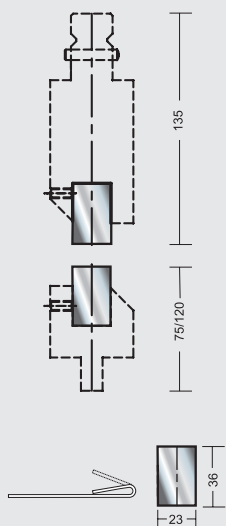


| $\alpha$ | Z      |
|----------|--------|
| 90°      | 3,0 mm |
| 90°      | 3,5 mm |
| 90°      | 4,0 mm |
| 90°      | 4,5 mm |
| 90°      | 5,0 mm |
| 90°      | 5,5 mm |
| 90°      | 6,0 mm |
| 90°      | 6,5 mm |
| 90°      | 7,0 mm |
| 90°      | 7,5 mm |
| 90°      | 8,0 mm |

Max Tn/m=100

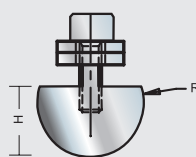
### INZU-003

INZU-003/1  
L=515 mm.


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### RU-001

RU-001/1  
L=515 mm.

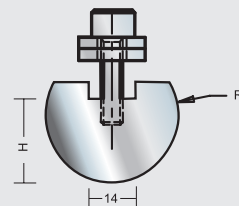


| R      | H       |
|--------|---------|
| 7,0 mm | 11,5 mm |
| 7,5 mm | 11,5 mm |
| 8,0 mm | 13 mm   |
| 9,0 mm | 16 mm   |
| 10 mm  | 16 mm   |

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### RU-002

RU-002/1  
L=515 mm.

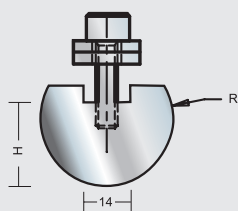


| R       | H     |
|---------|-------|
| 12,5 mm | 16 mm |
| 15,0 mm | 20 mm |
| 17,5 mm | 22 mm |
| 20,0 mm | 24 mm |

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### RU-003

RU-003/1  
L=515 mm.

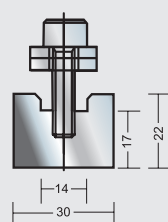


| R       | H     |
|---------|-------|
| 25,0 mm | 29 mm |
| 30,0 mm | 34 mm |
| 40,0 mm | 45 mm |
| 50,0 mm | 54 mm |

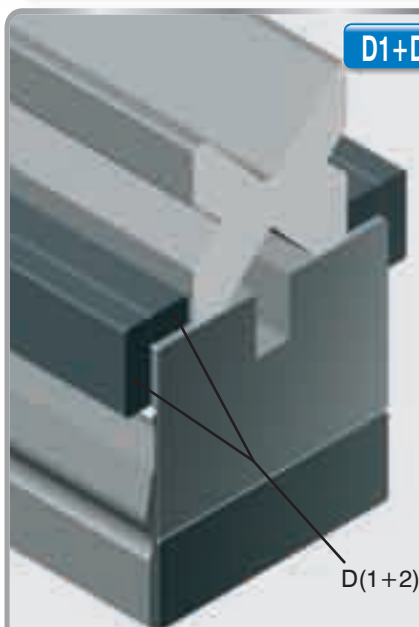
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### RU-004

RU-004/1  
L=515 mm.

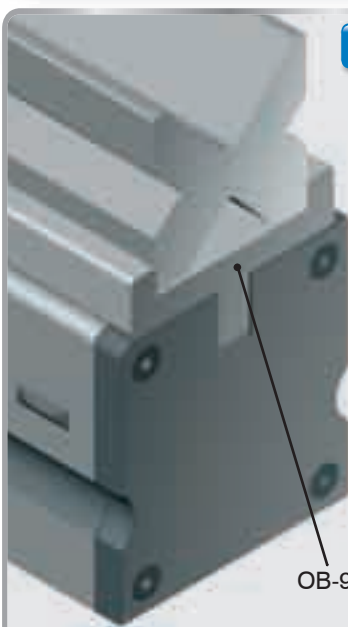

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### D1+D2



D(1+2)

### OB-985



OB-985

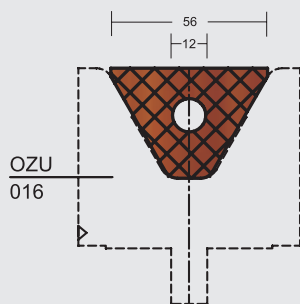
### ARMARIO DE ÚTILES



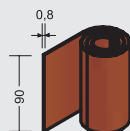
K-001

K-001/5

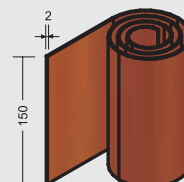
L=2100 mm.



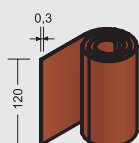
K-003



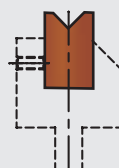
K-004



K-005



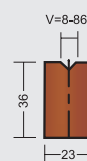
INSERTOS DE ADIPRENE



INZU-005

INZU-005/1

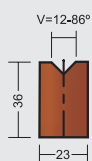
L=515 mm.



INZU-006

INZU-006/1

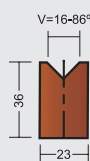
L=515 mm.



INZU-007

INZU-007/1

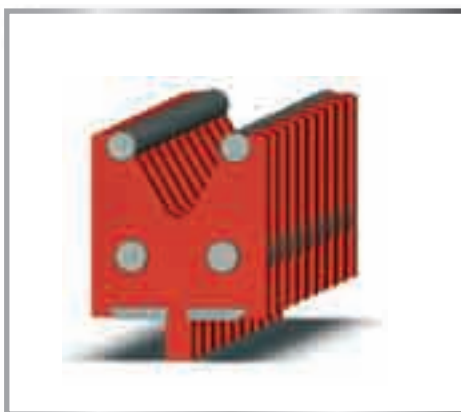
L=515 mm.



### TIPO U



### TIPO T

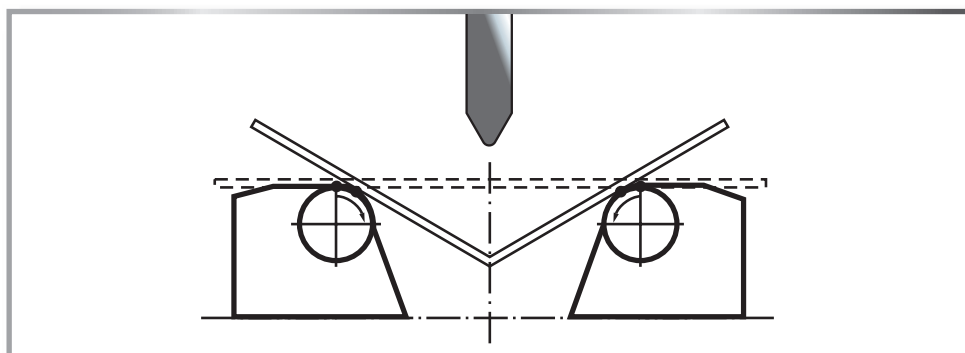
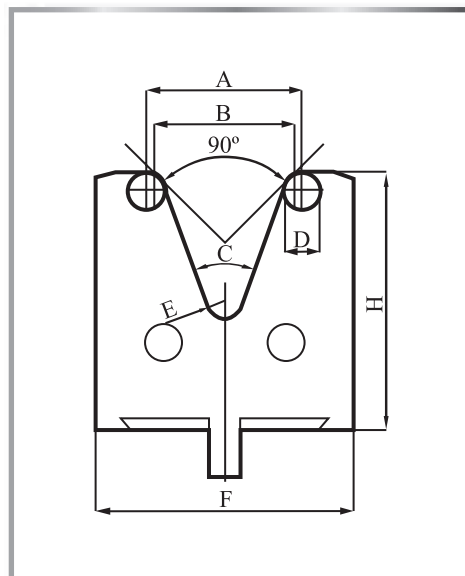


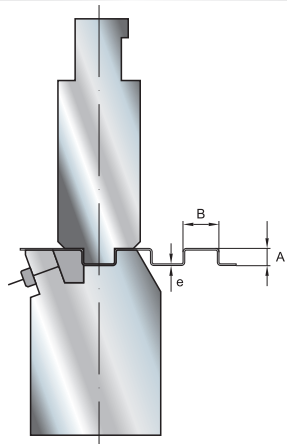
Matrices cuya característica principal es la presencia de dos cilindros endurecidos en los vértices, los cuales facilitan el desplazamiento de la chapa durante el plegado, ya que es ayudada por los cilindros de doble giro.

- La fuerza de plegado se ve disminuida aproximadamente en un 15%.
- No se produce marcado sobre la chapa.

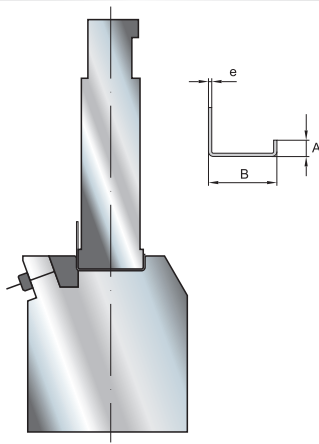
Longitudes disponibles de 515 y 1.000 mm

| "V" | A     | B   | C  | D  | E    | F   | H   |
|-----|-------|-----|----|----|------|-----|-----|
| 16  | 18    | 16  | 25 | 8  | 2,5  | 34  | 55  |
| 24  | 29    | 24  | 25 | 10 | 3    | 48  | 55  |
| 32  | 38    | 32  | 30 | 15 | 4    | 70  | 90  |
| 40  | 46    | 40  | 30 | 15 | 6    | 85  | 90  |
| 50  | 56    | 50  | 35 | 15 | 7    | 86  | 90  |
| 60  | 66    | 60  | 40 | 15 | 7,5  | 110 | 110 |
| 80  | 89    | 80  | 45 | 20 | 10   | 150 | 130 |
| 100 | 109   | 100 | 55 | 20 | 10   | 170 | 140 |
| 120 | 130   | 120 | 60 | 25 | 12,5 | 190 | 160 |
| 150 | 160   | 150 | 70 | 25 | 12,5 | 235 | 180 |
| 200 | 212,5 | 200 | 80 | 30 | 15   | 300 | 220 |
| 250 | 262,5 | 250 | 80 | 30 | 15   | 440 | 300 |
| 300 | 316,5 | 300 | 80 | 40 | 20   | 440 | 360 |
| 400 | 420,7 | 400 | 80 | 50 | 25   | 570 | 400 |

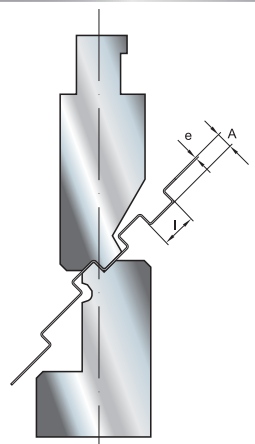




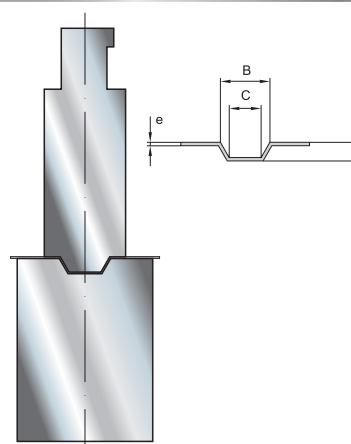
| ESP 1        |                                       |                     |
|--------------|---------------------------------------|---------------------|
| Espesor<br>e | Ton./metro<br>R=45 Kg/mm <sup>2</sup> | Ton./metro<br>Inox. |
| 0.6          | 27                                    | 45                  |
| 0.8          | 36                                    | 59                  |
| 1            | 45                                    | 74                  |
| 1.2          | 54                                    | 89                  |
| 1.5          | 68                                    | 112                 |
| 1.8          | 81                                    | 134                 |
| 2            | 92                                    | 152                 |
| 2.5          | 113                                   | 186                 |
| 3            | 136                                   | 225                 |



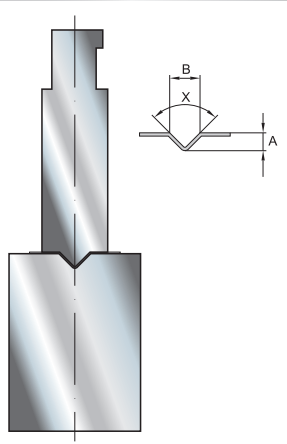
| ESP 2        |                                       |                     |
|--------------|---------------------------------------|---------------------|
| Espesor<br>e | Ton./metro<br>R=45 Kg/mm <sup>2</sup> | Ton./metro<br>Inox. |
| 0.6          | 12                                    | 20                  |
| 0.8          | 16                                    | 26                  |
| 1            | 22                                    | 36                  |
| 1.2          | 26                                    | 43                  |
| 1.5          | 33                                    | 54                  |
| 1.8          | 39                                    | 64                  |
| 2            | 44                                    | 72                  |
| 2.5          | 54                                    | 89                  |
| 3            | 65                                    | 107                 |



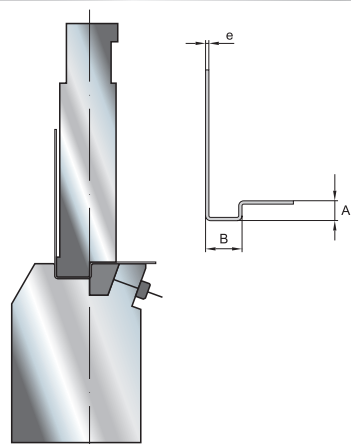
| ESP 3        |                                       |                     |           |
|--------------|---------------------------------------|---------------------|-----------|
| Espesor<br>e | Ton./metro<br>R=45 Kg/mm <sup>2</sup> | Ton./metro<br>Inox. | V<br>min. |
| 0.6          | 27                                    | 45                  | 5         |
| 0.8          | 36                                    | 59                  | 6         |
| 1            | 45                                    | 74                  | 6.5       |
| 1.2          | 54                                    | 89                  | 7         |
| 1.5          | 68                                    | 112                 | 8         |
| 1.8          | 81                                    | 134                 | 9.5       |
| 2            | 92                                    | 152                 | 10        |
| 2.5          | 113                                   | 186                 | 12        |
| 3            | 136                                   | 225                 | 14        |



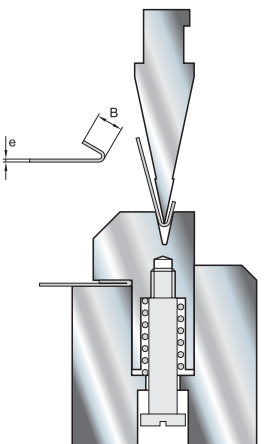
| ESP 4        |                                       |                     |
|--------------|---------------------------------------|---------------------|
| Espesor<br>e | Ton./metro<br>R=45 Kg/mm <sup>2</sup> | Ton./metro<br>Inox. |
| 0.6          | 23                                    | 38                  |
| 0.8          | 30                                    | 49                  |
| 1            | 38                                    | 62                  |
| 1.2          | 46                                    | 76                  |
| 1.5          | 57                                    | 94                  |
| 1.8          | 68                                    | 112                 |
| 2            | 76                                    | 125                 |
| 2.5          | 95                                    | 156                 |
| 3            | 114                                   | 188                 |



| ESP 5        |                                       |                     |
|--------------|---------------------------------------|---------------------|
| Espesor<br>e | Ton./metro<br>R=45 Kg/mm <sup>2</sup> | Ton./metro<br>Inox. |
| 0.6          | 12                                    | 26                  |
| 0.8          | 20                                    | 33                  |
| 1            | 26                                    | 43                  |
| 1.2          | 32                                    | 53                  |
| 1.5          | 40                                    | 66                  |
| 1.8          | 48                                    | 79                  |
| 2            | 53                                    | 87                  |
| 2.5          | 66                                    | 108                 |
| 3            | 80                                    | 132                 |



| ESP 6        |                                       |                     |
|--------------|---------------------------------------|---------------------|
| Espesor<br>e | Ton./metro<br>R=45 Kg/mm <sup>2</sup> | Ton./metro<br>Inox. |
| 0.6          | 20                                    | 32                  |
| 0.8          | 26                                    | 43                  |
| 1            | 33                                    | 54                  |
| 1.2          | 40                                    | 65                  |
| 1.5          | 50                                    | 81                  |
| 1.8          | 60                                    | 97                  |
| 2            | 67                                    | 108                 |
| 2.5          | 84                                    | 135                 |
| 3            | 101                                   | 162                 |



| ESP 7              |                                       |                                       |     |                                       |     |           |
|--------------------|---------------------------------------|---------------------------------------|-----|---------------------------------------|-----|-----------|
| Tipo de<br>acabado |                                       |                                       |     |                                       |     |           |
| Espesor<br>e       | Ton./metro<br>R=45 Kg/mm <sup>2</sup> | Ton./metro<br>R=45 Kg/mm <sup>2</sup> | G   | Ton./metro<br>R=45 Kg/mm <sup>2</sup> | 2e  | V<br>min. |
| 0.6                | 6                                     | 9                                     | 3   | 23                                    | 1.2 | 6         |
| 0.8                | 10                                    | 12                                    | 3   | 32                                    | 1.6 | 6         |
| 1                  | 14                                    | 15                                    | 3.5 | 35                                    | 2   | 6         |
| 1.2                | 23                                    | 17                                    | 3.5 | 46                                    | 2.4 | 8         |
| 1.5                | 33                                    | 24                                    | 3.5 | 46                                    | 3   | 8         |
| 1.8                | 55                                    | 33                                    | 4   | 46                                    | 3.6 | 10        |
| 2                  | 62                                    | 42                                    | 4.5 | 50                                    | 4   | 10        |

Debido a la complejidad de algunas piezas, en ocasiones es necesario recurrir a útiles que faciliten la realización de aquellas piezas que representan dificultad con los útiles standards. En ocasiones, simplemente puede ser aconsejable por el ahorro de tiempo que supone realizar varios plegados de una sola vez. Aquí se presentan las formas más corrientes de este tipo de piezas.



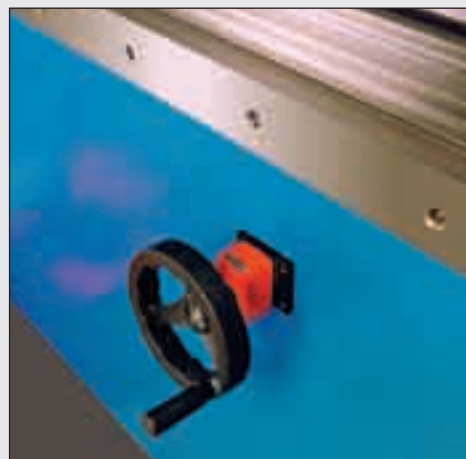
### SISTEMA DE SOPORTES

Soportes delanteros, los cuales facilitan el apoyo de la chapa. Son fácilmente regulables, en altura y longitudinalmente. Disponen también de regla milimetrada y tope ajustable. Los soportes se desplazan sobre una guía prismática de gran precisión.

### TOPE TRASERO



Vista que muestra el tope trasero en una plegadora.



Indicador de la posición del tope trasero y volante manual.

Un sistema de tope trasero manual o motorizado, que le permitirá el mejor apoyo de la chapa. Dispone de 2 cabezales regulables longitudinalmente y en altura. También son abatibles. Contador en el frontal de la plegadora para una cómoda lectura de la posición. Resolución de 0,1 mm.

### CONTROL NUMÉRICO



Control numérico de 2 ejes DNC62P

Sistema de control numérico de 1 o 2 ejes, que le permitirá automatizar su plegadora convencional, consiguiendo un rendimiento óptimo.

### AMARRE RÁPIDO



Amarre rápido del punzón.

Intermediarios de amarre rápido del punzón. Fija y afloja los punzones con tan solo desplazar la leva.





# AXIAL



SYNCRO



PHA



PSE

FABRICADO POR

# AXIAL

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