

# SOLUCIONES DE PLEGADO SIN MARCAS

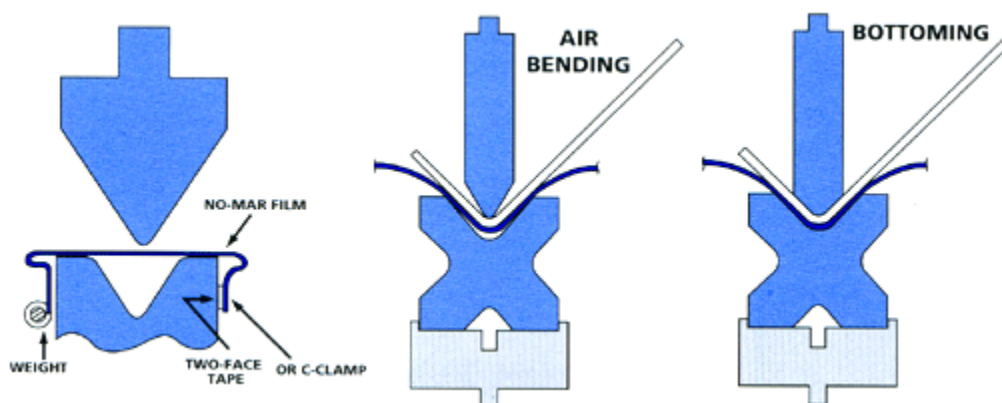
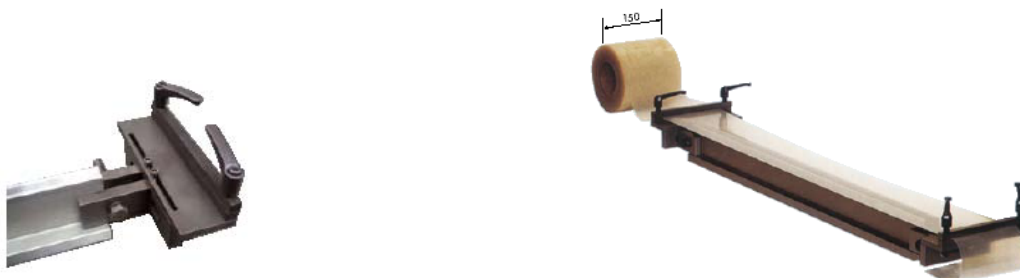
## Protección de Urethano

Los rollos de Urethano los tenemos disponibles en 2 medidas diferentes. Proteja la parte superior de sus matrices con esta película protectora. Espesores de 0'4 mm y 0'8 mm y con largos de 30 metros cada uno. Sus especificaciones permiten una durabilidad desconocida hasta ahora en el mundo del plegado. Pida también las matrices realizadas con Urethano con el diseño o perfil que desee.

| DIMENSIONES         | Referencia | Precio |
|---------------------|------------|--------|
| 0.4 x 152mm x 30m   | 42530      | 250 €  |
| 0.8 x 152mm x 30m   | 42531      | 312 €  |
| Juego de 2 Tensores | CT         | 235 €  |

Otros fabricantes ofrecen la misma longitud pero con un ancho de 95 mm

33% más cantidad que el resto de los competidores.



Síguenos en:



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## SPECIFICATION

| Type                         |                          | Model 1                | Model 2   | Model 3   |
|------------------------------|--------------------------|------------------------|-----------|-----------|
| Max. material thickness (mm) |                          | 1.5 [1.2]              | 3.0 [2.5] | 6.0 [5.0] |
| Max. outside radius (mm)     |                          | 5.0                    | 10.0      | 25.0      |
| Min. Bend Angle*             |                          | 30°                    | 65°       | 75°       |
| Equivalent 'V' size (mm)     |                          | 8.0                    | 15.0      | 38.0      |
| Allowable Tonnage (Ton/M)    |                          | 100                    | 150       | 350       |
| Min. Flange**                | Material                 | Outside dimension (mm) |           |           |
|                              | Thickness (mm)           | Model 1                | Model 2   | Model 3   |
|                              | 1.0                      | 4.7                    | -         | -         |
|                              | 1.6                      | 5.4                    | 8.7       | -         |
|                              | 2.0                      | 5.6                    | 9.8       | -         |
|                              | 3.0                      | -                      | 10.2      | 24.3      |
|                              | 4.0                      | -                      | -         | 25.5      |
|                              | 6.0                      | -                      | -         | 26.5      |
| Tool Length (mm)             | Amada / Euro Style       | 417.5 & 835            |           |           |
|                              | Wila /Trumpf / LVD Style | 500 & 1000             |           |           |

\* Min bend angle may vary depending upon punch tip radius and material thickness.

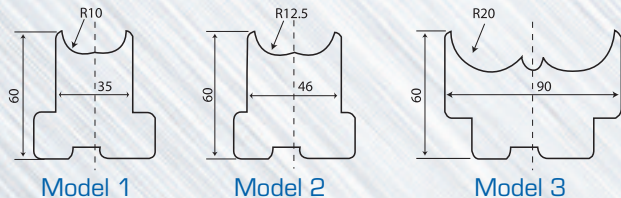
Smaller angles are possible subject to condition (please contact our Sales Desk).

\*\* These dimensions apply to bending Mild Steel and Aluminium. With Stainless Steel these dimensions may increase slightly.

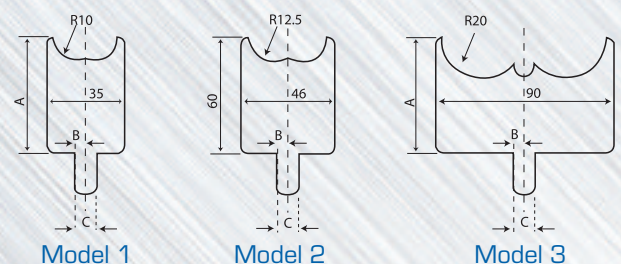
Material thickness in brackets [1.2] indicates stainless steel.

## TOOL PROFILE

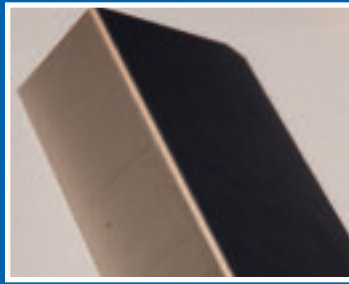
### Amada/Euro Style



| Wila / Trumpf / LVD Style | A (mm) | B (mm) | C (mm) |
|---------------------------|--------|--------|--------|
| 13mm Centre Tang          | 55     | 6.5    | 13     |
| 13mm Centre Tang          | 100    | 6.5    | 13     |
| offset Tang LVD Style     | 90     | 7.0    | 12     |

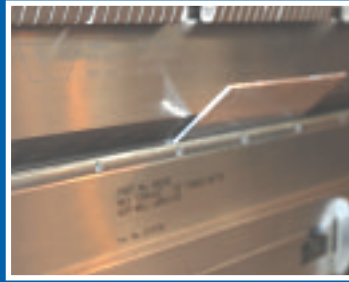


## THE BENEFITS ARE EASY TO SEE



### Reduces sheet marking

Because there is no movement between the sheet and the die blades, there is a reduction in sheet marking. This gives an improved quality finish without secondary operations.



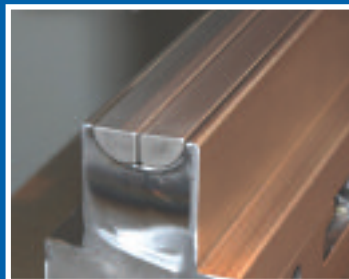
### Flexibility

With the V-Series die you can bend a range of materials with the same die so the set-up time is reduced and you no longer need to maintain such a large inventory.



### Reduced friction

One of the biggest problems when bending sheet metal is the friction between the die and the sheet. With the V-Series the blades rotate with the sheet so there is no lateral movement between the sheet and the die. Just keep the blades lubricated and you will have trouble-free bending.



### Choice of blades

There is a choice of metal or composite blades to give the best result. For long life choose metal, and for minimal marking choose composite. They can be used in the same die base for flexibility.

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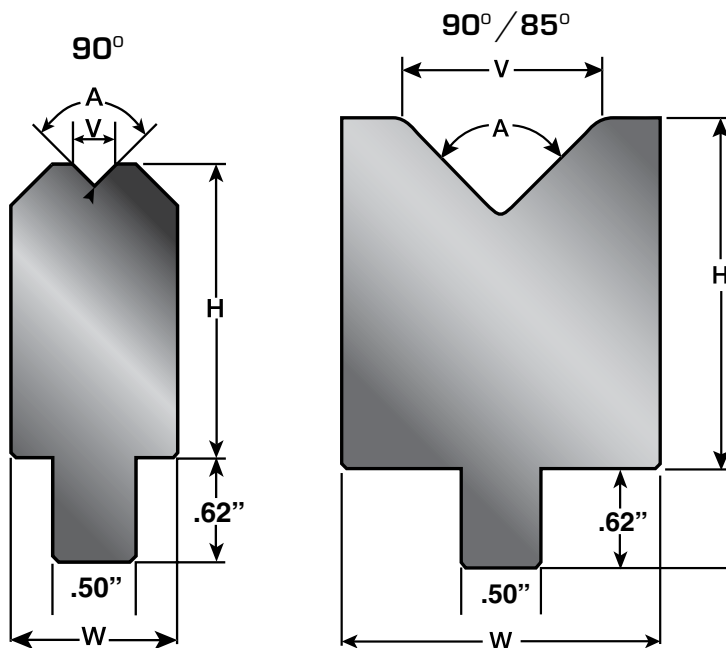
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# Wilson Urethane Dies

## American Style Dies

| Catalog # | Angle | V     | H     | W     | Lengths         |
|-----------|-------|-------|-------|-------|-----------------|
| 50031u    | 90°   | .25"  | 1.75" | 1.25" | 24" / 48" / 96" |
| 50032u    | 90°   | .37"  | 1.75" | 1.25" | 24" / 48" / 96" |
| 50033u    | 90°   | .50"  | 1.75" | 1.25" | 24" / 48" / 96" |
| 50034u    | 90°   | .62"  | 1.75" | 1.75" | 24" / 48" / 96" |
| 50035u    | 90°   | .75"  | 1.75" | 1.75" | 24" / 48" / 96" |
| 50036u    | 90°   | .87"  | 1.87" | 1.75" | 24" / 48" / 96" |
| 50037u    | 90°   | 1.00" | 1.87" | 1.75" | 24" / 48" / 96" |
| 50018u    | 85°   | 2.00" | 2.25" | 3.00" | 24" / 48" / 96" |
| 50020u    | 30°   | .25"  | 1.75" | 1.25" | 24" / 48" / 96" |
| 50021u    | 30°   | .37"  | 1.75" | 1.25" | 24" / 48" / 96" |
| 50022u    | 30°   | .50"  | 1.75" | 1.25" | 24" / 48" / 96" |
| 50023u    | 30°   | .62"  | 1.87" | 1.75" | 24" / 48" / 96" |

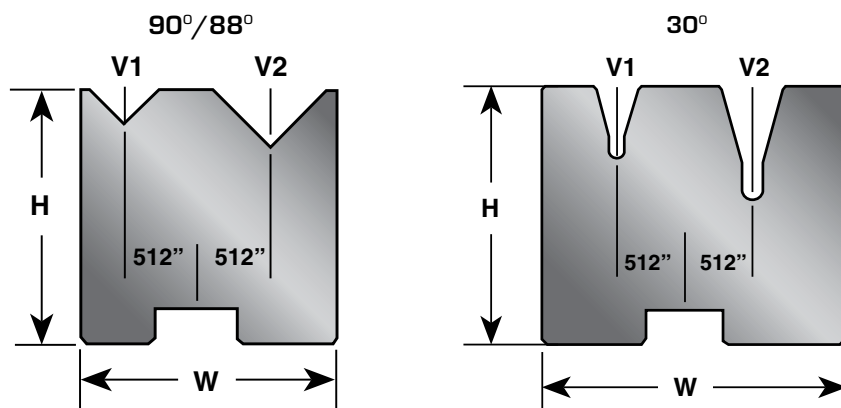


## European Style Quick Change 2v Dies

| Catalog # | Angle | V1           | V2           | H            | W            | Lengths                         |
|-----------|-------|--------------|--------------|--------------|--------------|---------------------------------|
| 42001UE   | 90°   | 6mm [0.24"]  | 10mm [0.39"] | 46mm [1.81"] | 50mm [1.96"] | S 415mm(16.3") / L 835mm(32.8") |
| 42002UE   | 90°   | 8mm [0.32"]  | 12mm [0.47"] | 46mm [1.81"] | 50mm [1.96"] | S 415mm(16.3") / L 835mm(32.8") |
| 42004UE   | 88°   | 14mm [0.55"] | 18mm [0.71"] | 46mm [1.81"] | 60mm [2.36"] | S 415mm(16.3") / L 835mm(32.8") |
| 42005UE   | 88°   | 12mm [0.47"] | 20mm [0.79"] | 46mm [1.81"] | 60mm [2.36"] | S 415mm(16.3") / L 835mm(32.8") |
| 42006UE   | 88°   | 16mm [0.63"] | 25mm [0.98"] | 46mm [1.81"] | 60mm [2.36"] | S 415mm(16.3") / L 835mm(32.8") |
| 42021UE   | 30°   | 8mm [0.32"]  | 12mm [0.47"] | 50mm [1.96"] | 60mm [2.36"] | S 415mm(16.3") / L 835mm(32.8") |

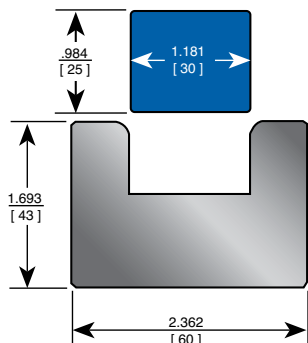
When selecting a V-opening, a minimum of 10x material thickness should be chosen when working with mild steel with a tensile strength of 60,000 PSI.

All dies have standard 15.05mm [.61"] wide x 6.5mm [.26"] deep European die slots.

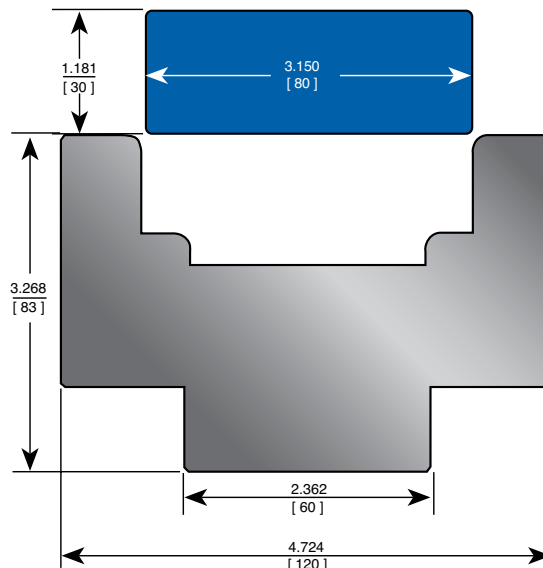




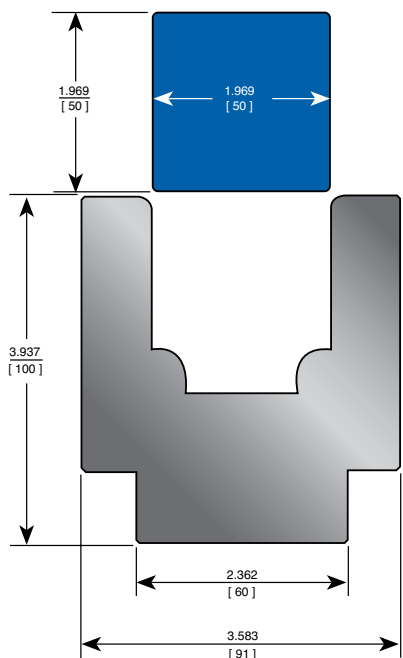
## Wilson Urethane Holders and Pads



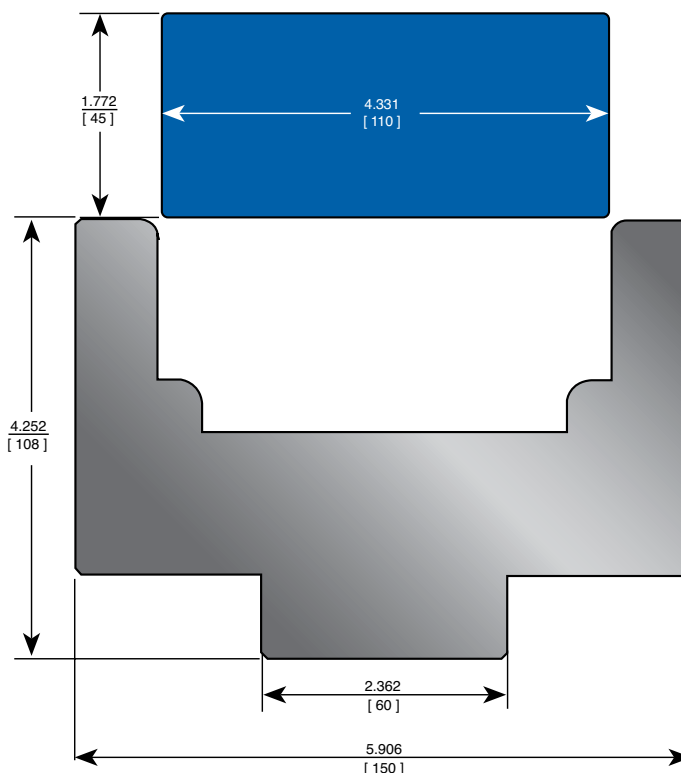
| CATALOG NUMBER | DESCRIPTION             |
|----------------|-------------------------|
| 42501          | Urethane Holder - L & S |
| 42511          | Urethane Pad - 80A/Red  |
| 42521          | Urethane Pad - 90A/Blue |



| CATALOG NUMBER | DESCRIPTION             |
|----------------|-------------------------|
| 42503          | Urethane Holder - L & S |
| 42513          | Urethane Pad - 80A/Red  |
| 42523          | Urethane Pad - 90A/Blue |



| CATALOG NUMBER | DESCRIPTION             |
|----------------|-------------------------|
| 42502          | Urethane Holder - L & S |
| 42512          | Urethane Pad - 80A/Red  |
| 42522          | Urethane Pad - 90A/Blue |



| CATALOG NUMBER | DESCRIPTION             |
|----------------|-------------------------|
| 42504          | Urethane Holder - L & S |
| 42514          | Urethane Pad - 80A/Red  |
| 42524          | Urethane Pad - 90A/Blue |

Note: All urethane die holders are machined from 6061-T6 aluminum. Urethane holders may require die holder #43040. Check height against machine stroke prior to ordering.

