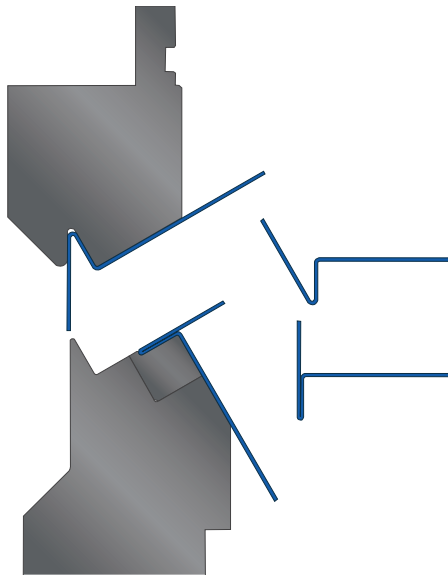


Press Brake Specials | Catalogue



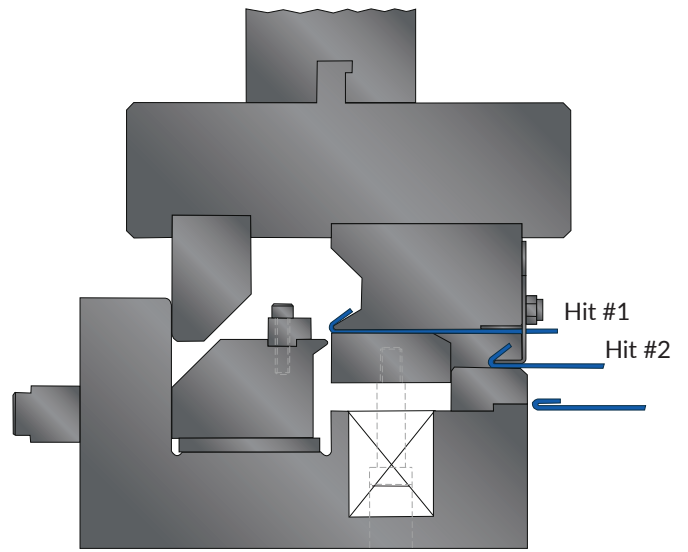
2025



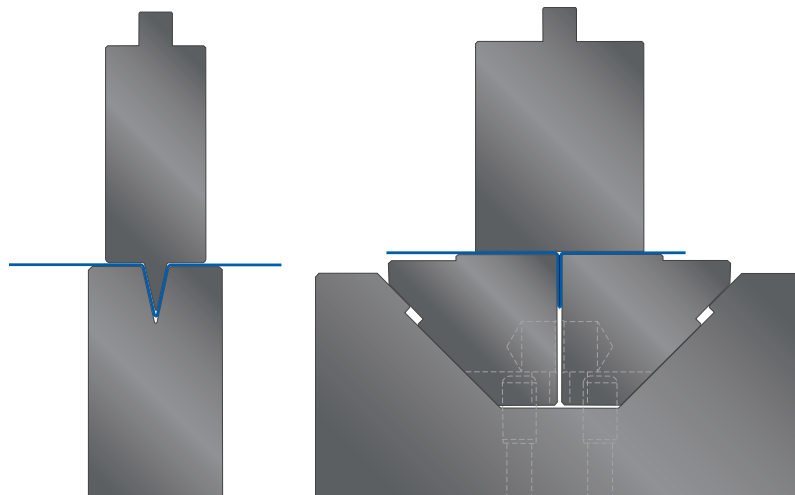


AH1 ANGLE HEM

Typically used to form seams in excess of 12mm.

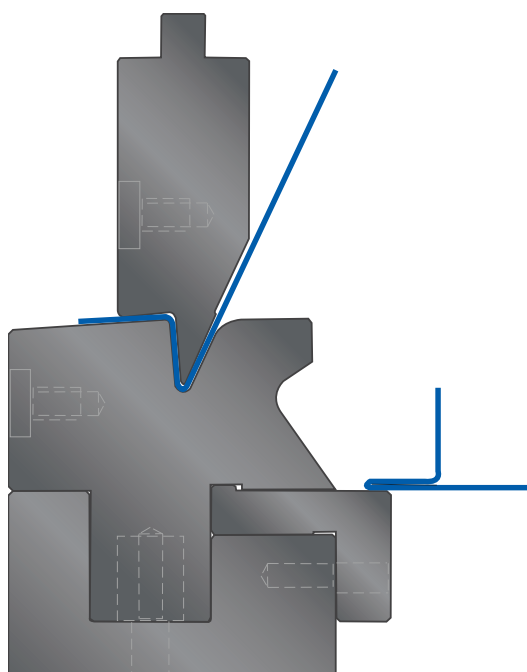


FSH1 FLAT SHEET HEM



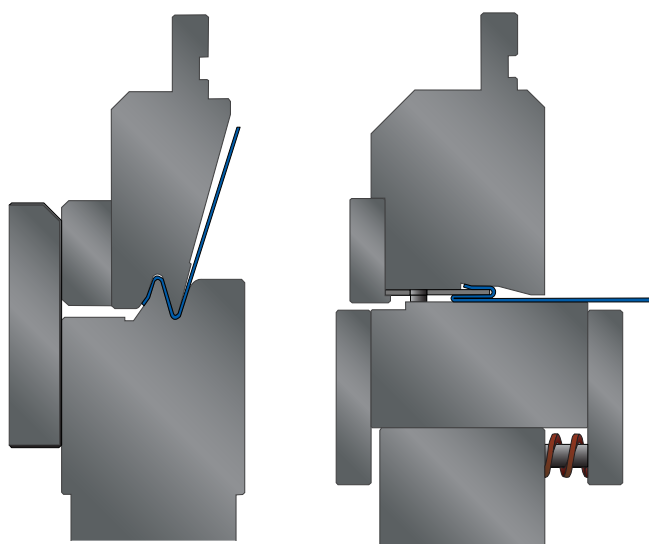
SH1 SEAM HEM

Two tool sets.
Two machine strokes.



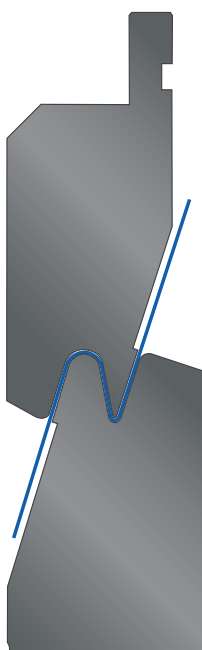
SSH1 STANDING SEAM HEM

Used to form a standing seam in 2 strokes. The first stroke forms an acute angle offset, the second stroke closes the seam.

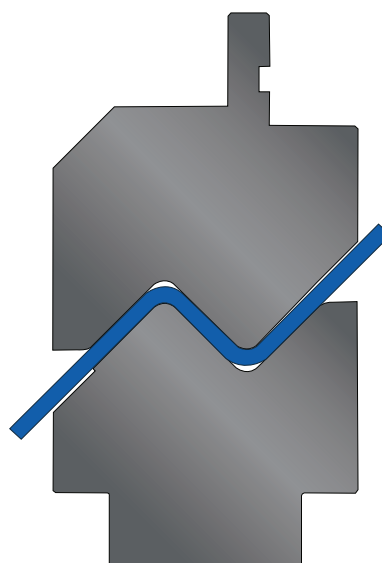


ZH1 Z HEM

Creates a Z-hem or a Clip hem. Shim can be built in to maintain a gap in the hem. Two tool sets. Two machine strokes.

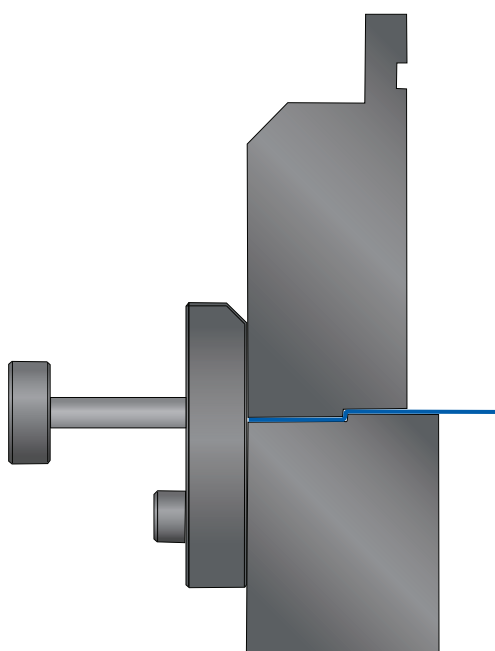


AO1 ANGLED OFFSET



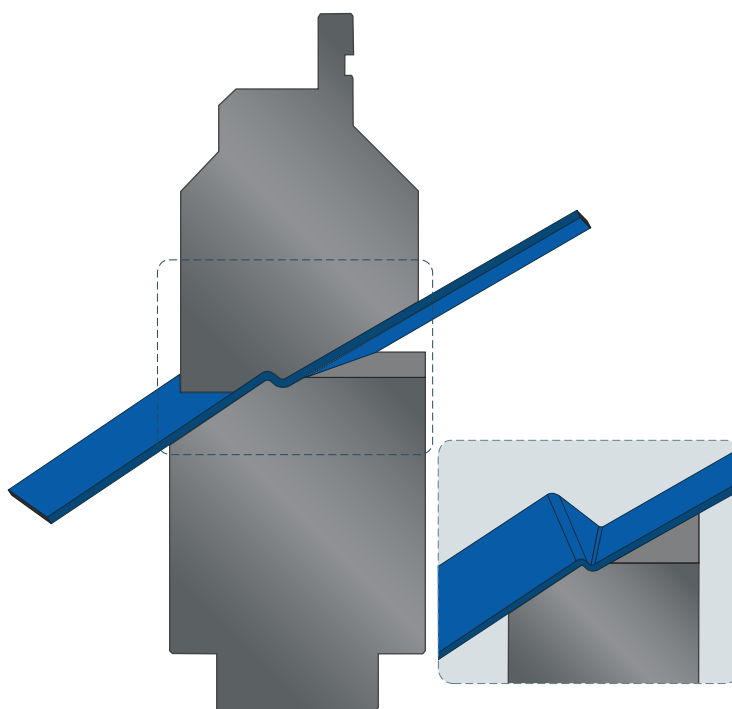
LO1 LARGE OFFSET

Used for heavy gauge, large offset bending.



HO1 HORIZONTAL OFFSET

For offsets that are approximately one material thickness. Prevents material whip up. Thrust plates and adjustable back gauging are provided.

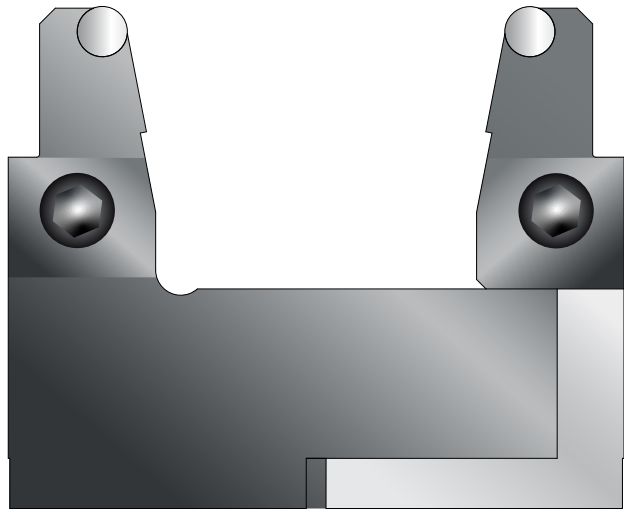


NPO1 NON PARALLEL OFFSET

For offsets that have nonparallel flanges. Inset shows punch hidden for a clear view of the formed sheet.

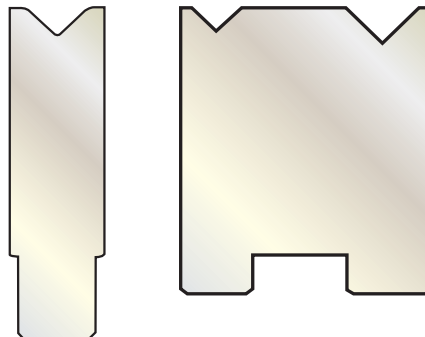
ADJUSTABLE DIE

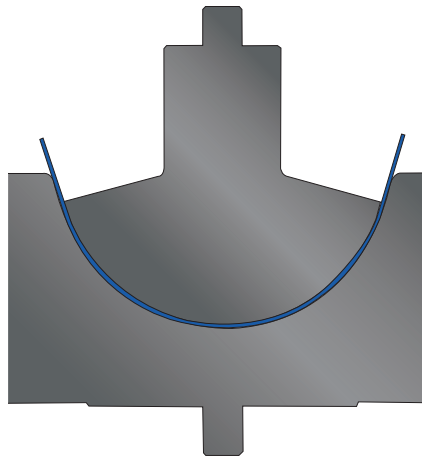
- Openings available:
 - » V25–125mm
 - » V65–185mm
 - » V120–300mm
- Cover bellows available to keep the grooves that are used to adjust the dies free from dirt and dust.



NYLON DIES

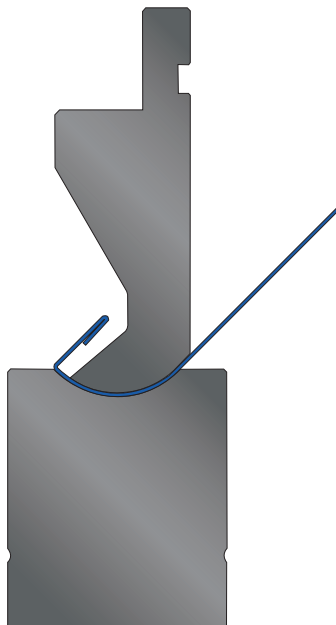
Some dies available in Nylon to reduce sheet marking. Specifically used for thinner materials including Copper, Polished Stainless and Brass.





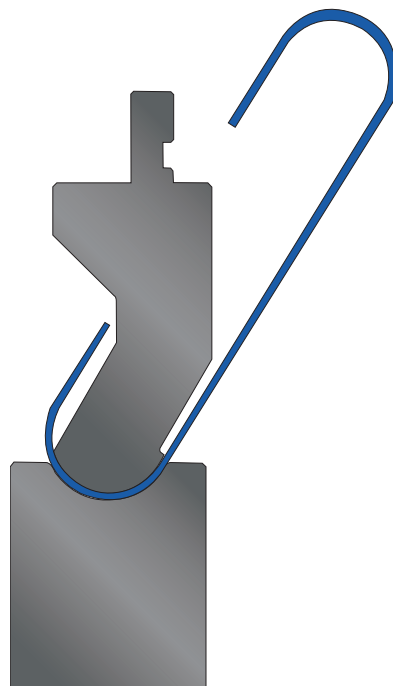
LR1 LARGE RADIUS

Bottoming radius set with spring-back allowance built in. It is manufactured to form a radius in a specific type and thickness of material for tight tolerance requirements.



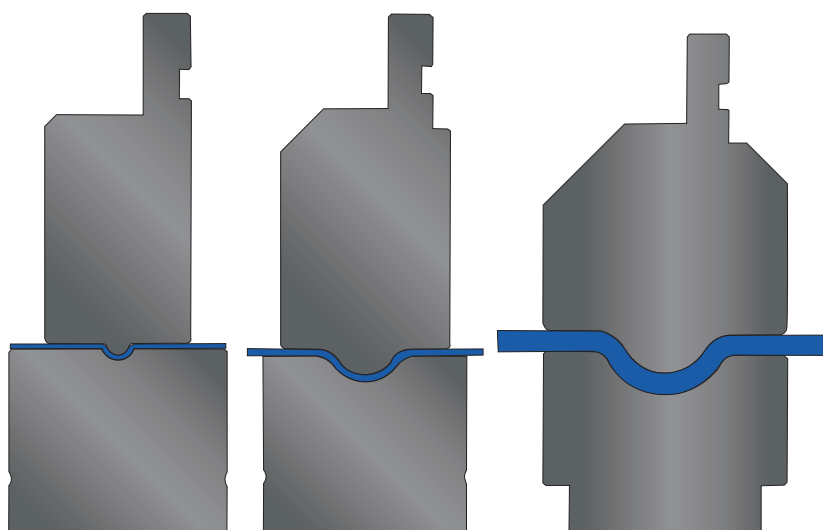
LR2 MULTI-HIT RADIUS

Used when a full radius is required before the flange. The solution may require multiple strokes.



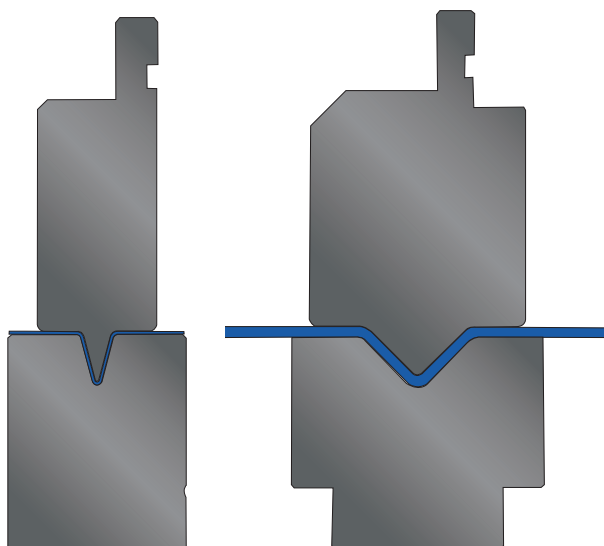
LR3 MULTI-HIT RADIUS

Used when the return flange starts at the radius end. The solution may require multiple strokes.



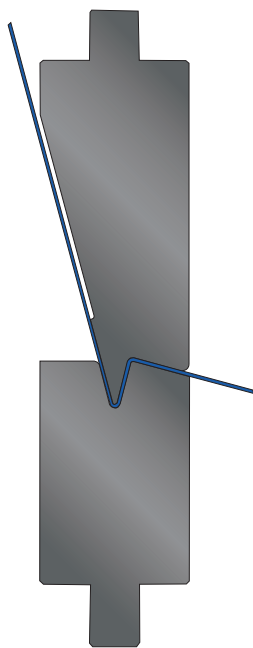
SR1 STRENGTHENING RIB

Produce a strengthening rib in one stroke. Spring back allowance is built in. Closed end and open end ribs are available.

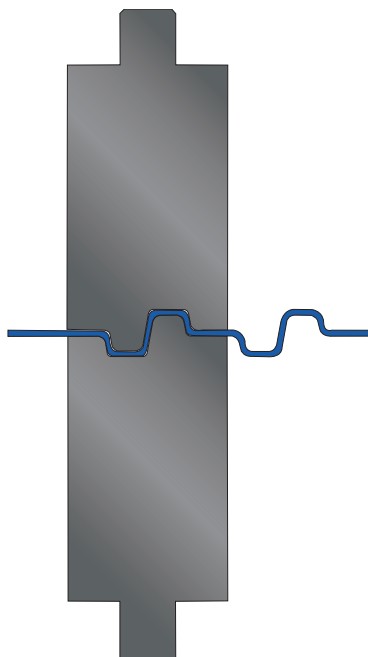


VR1 V RIB

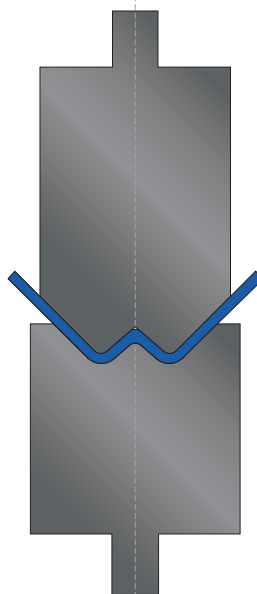
Produce a V rib in one stroke. Spring back allowance is built in.



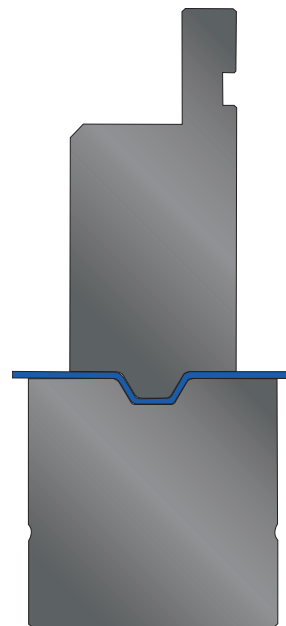
FM1 FORMING



FM2 FORMING

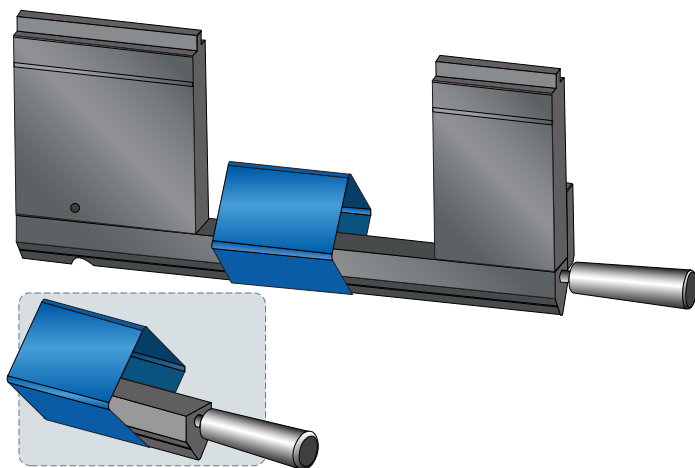


FM3 FORMING



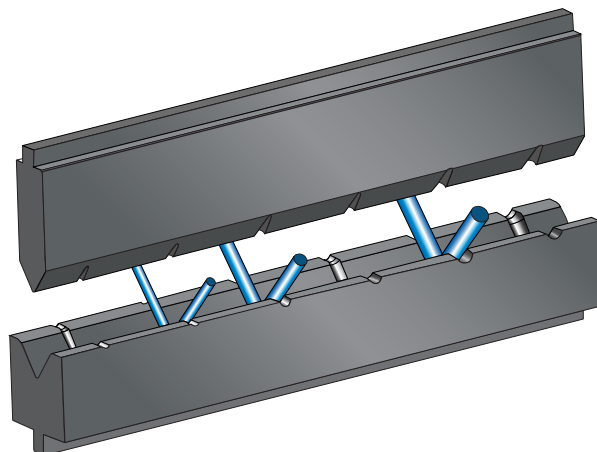
OH1 OPEN HAT

A large variety of custom forming sets are available.
Custom built to suit any specific requirement.
Call for specific application requirements.



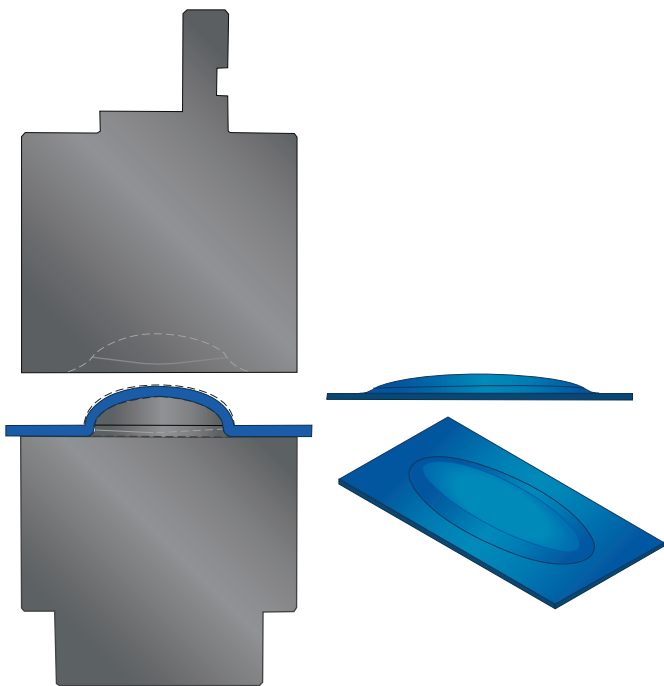
W1 WINDOW

Used when minimum return flange clearance is required.



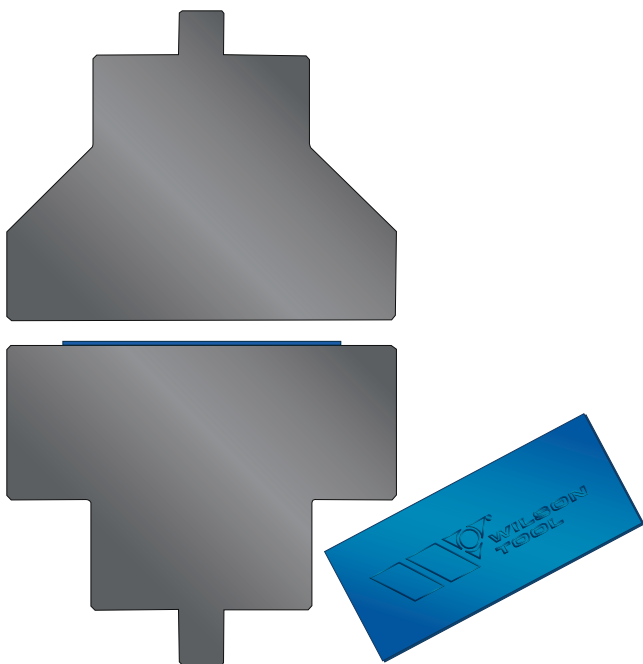
RB1 ROD BENDING

Provides nesting for the rod during the forming process.

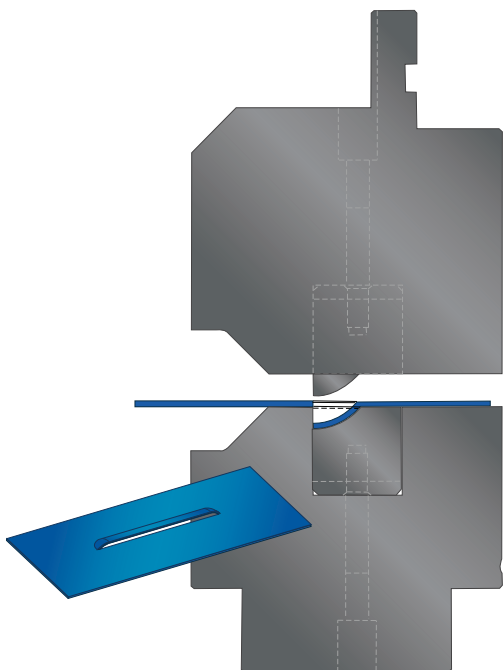


EM1 EMBOSS

A variety of raised emboss and chisel point emboss sets are available.

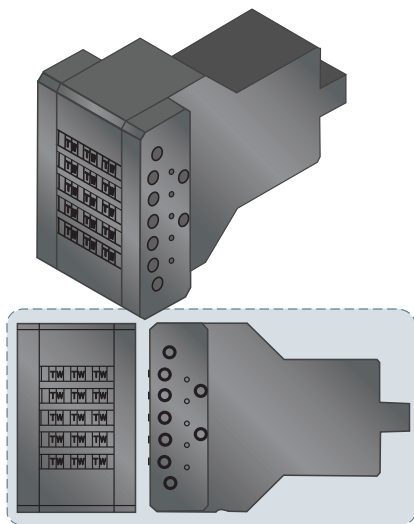


LG1 LOGO



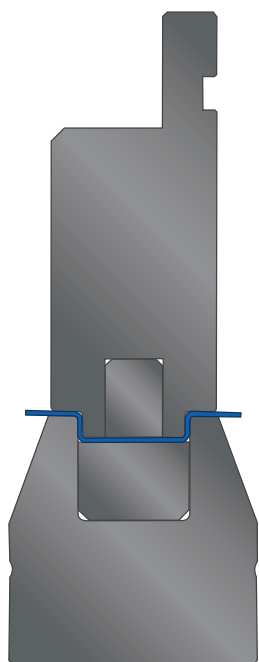
LL1 LOUVRE

Multiple louver configurations are available. For louver forming, sheet must be pre-slit.

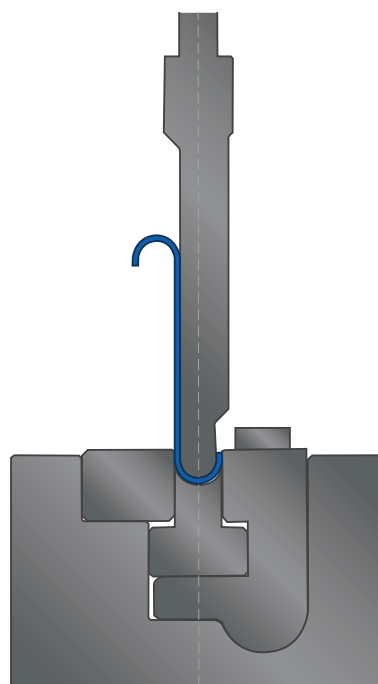


LS1 LETTERSTAMP

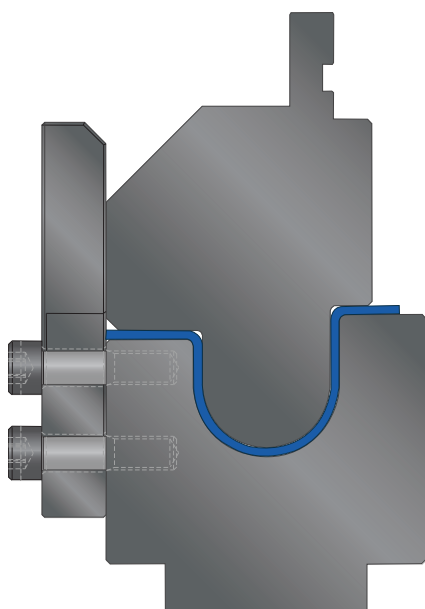
Provides chisel point embossing with inter-changeable characters. Single row or multi-row available.

**HT1 HAT CHANNEL**

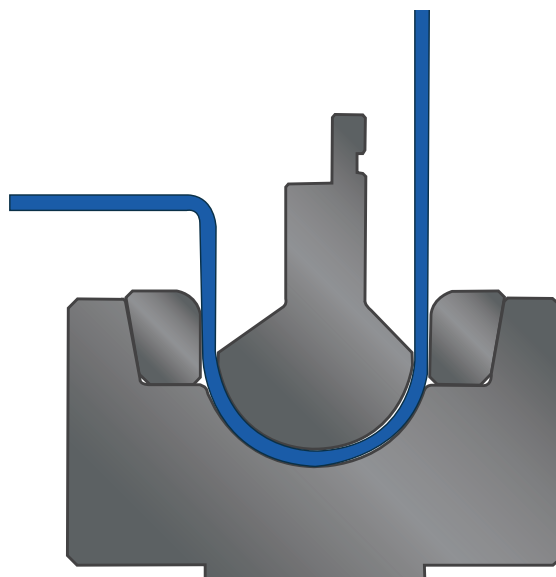
Provides straight wall or angled wall hat channel bending in one stroke.

**UC1 U CHANNEL**

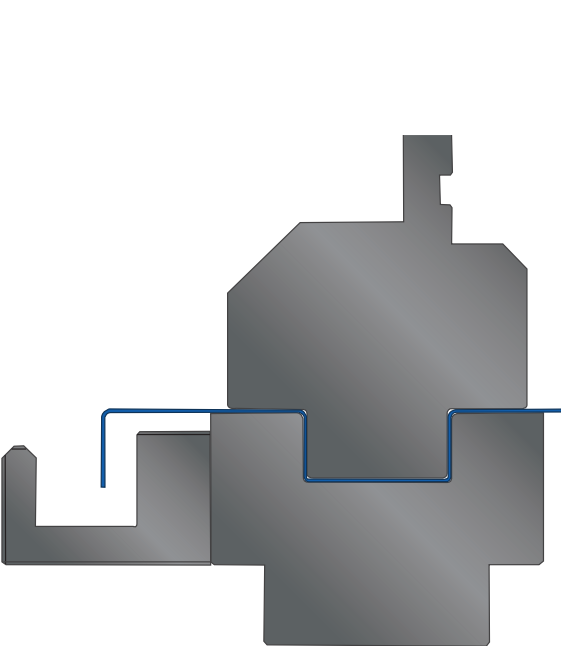
Recommended for applications where considerable spring back is encountered. Secondary flattening operations may be required.

**UC2 U CHANNEL**

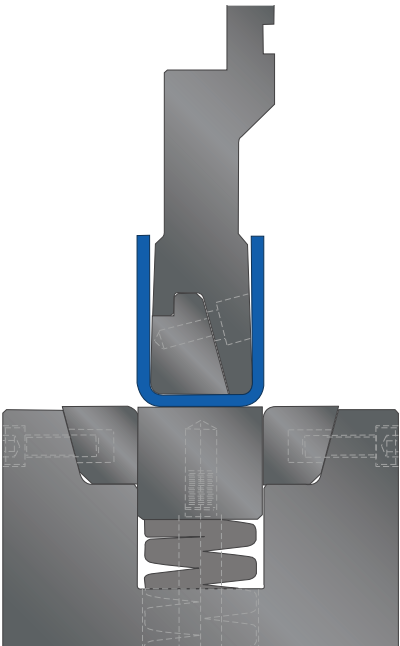
Recommended for applications where considerable spring back is encountered. Secondary flattening operations may be required.

**UC3 U CHANNEL**

Recommended for applications where considerable spring back is encountered. Secondary flattening operations may be required.

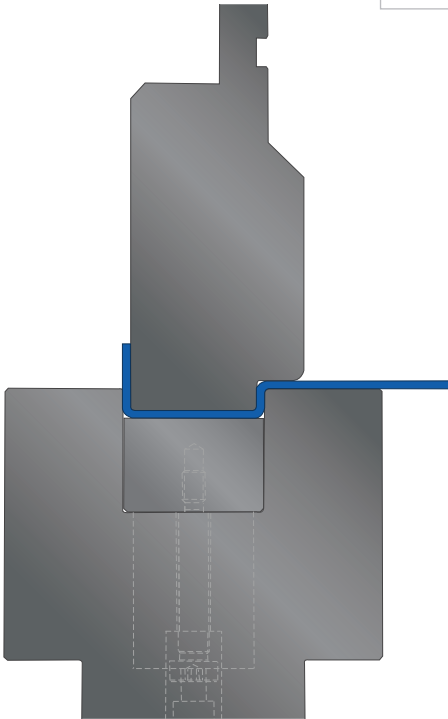


C1 CHANNEL

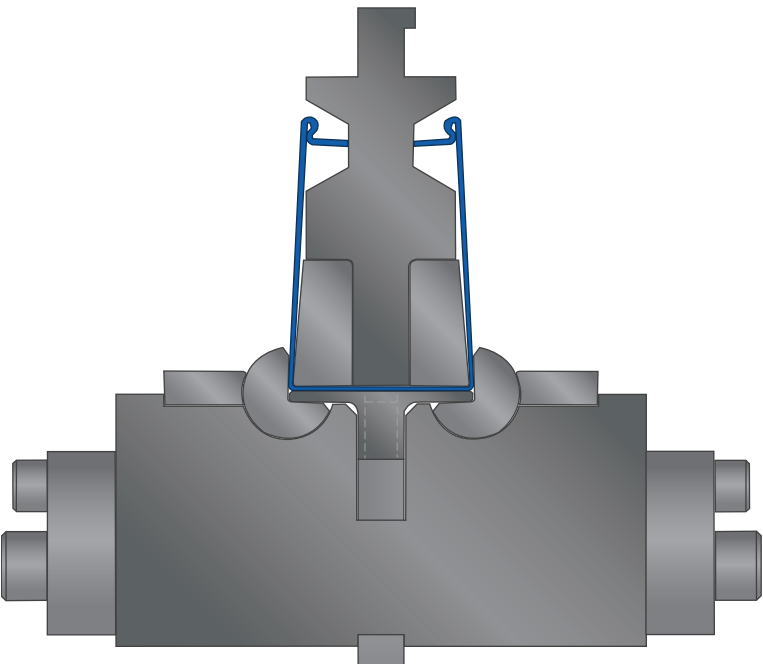


C2 CHANNEL

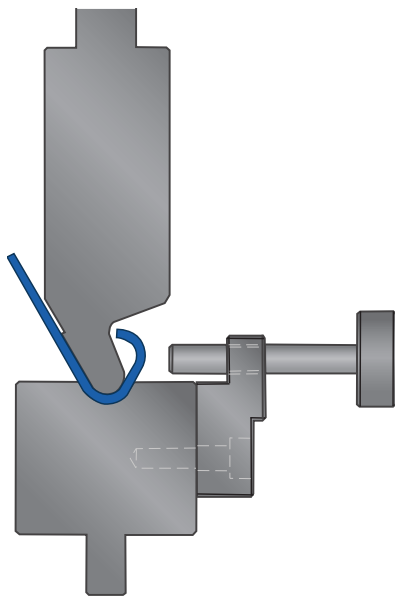
These applications are for deep channels when the channel bottom needs to remain flat.



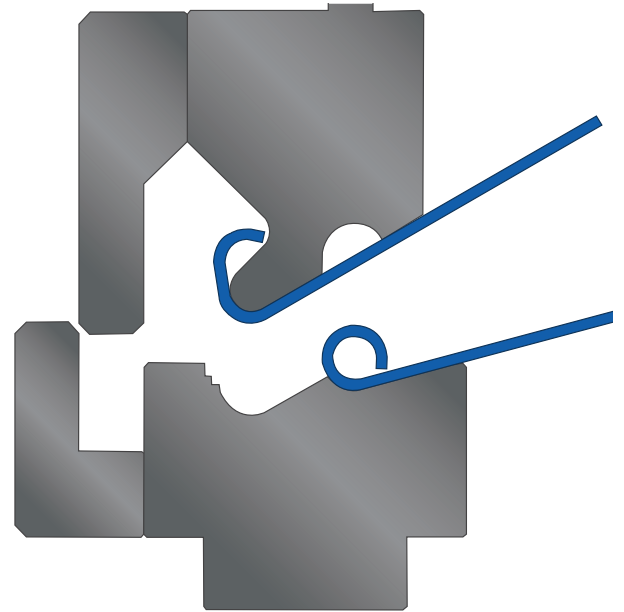
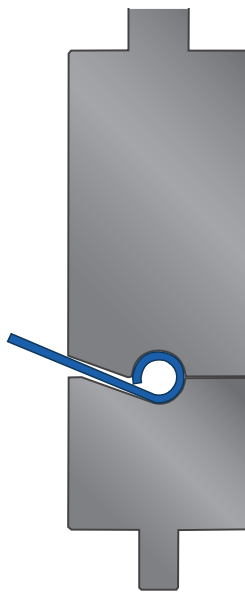
C3 CHANNEL



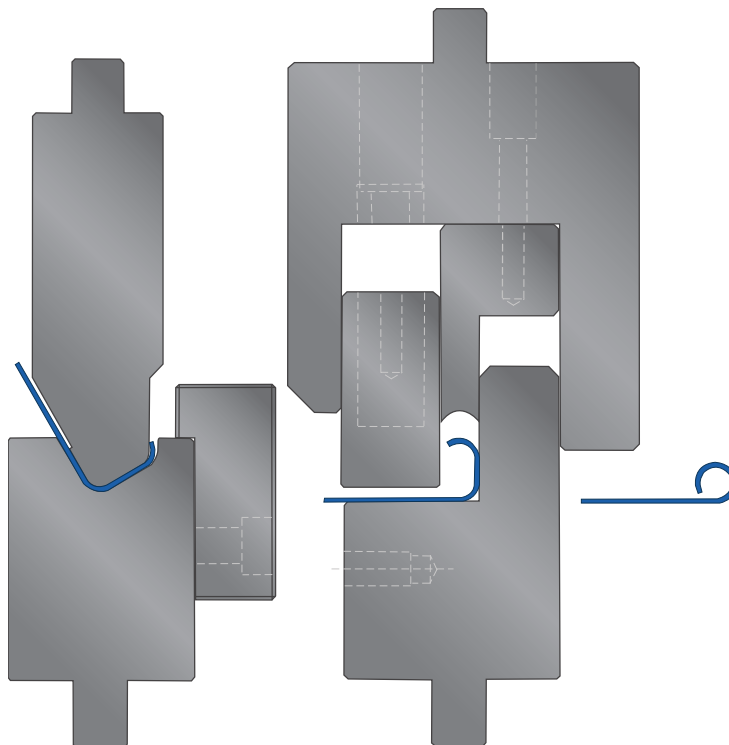
C4 ROTARY BEND CHANNEL

**CL1 CURL TOOL SET**

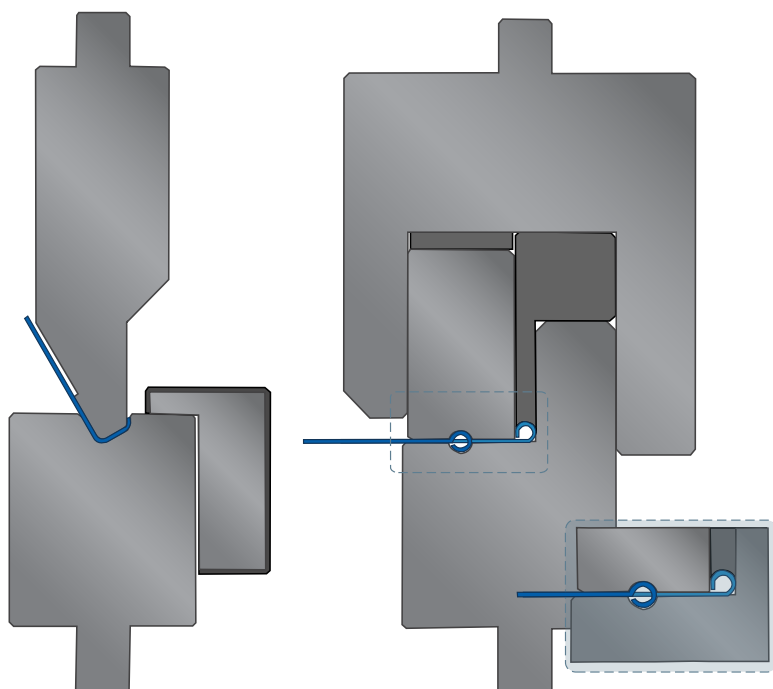
2 tool sets, 3 machine strokes.

**CL2 CURL TOOL SET**

Typically used for thick materials and large diameter curls.
1 tool set, 3 machine strokes.

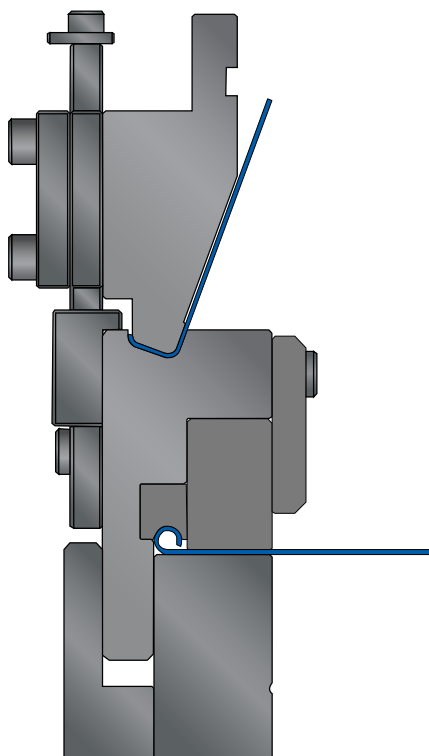
**CL3 CURL**

Used for hinges and corner beading.
2 tool sets, 2 machine strokes.



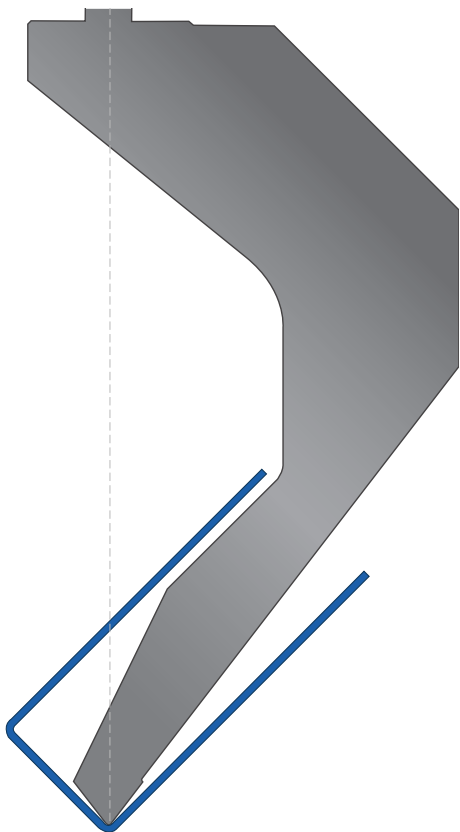
CL4 CENTER CURL APPLICATION

2 tool sets, 3 machine strokes.

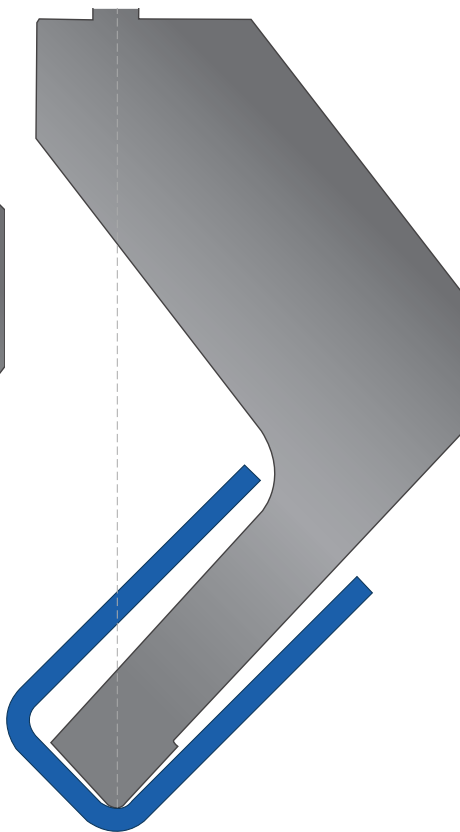


CL5 DOUBLE DECKER TOOL SET

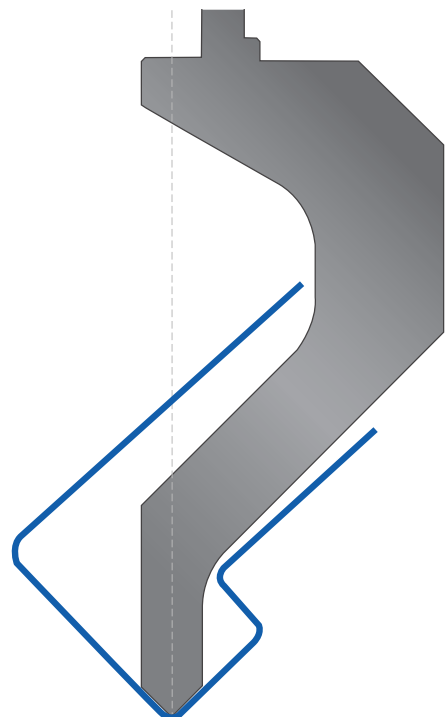
Used for hinges and corner beading. 1 tool set, 2 machine strokes.



PR1



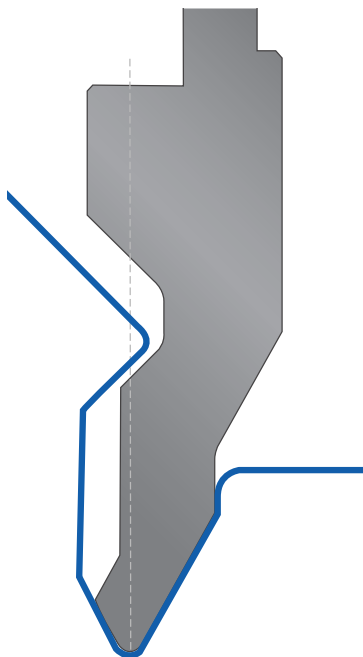
PR2



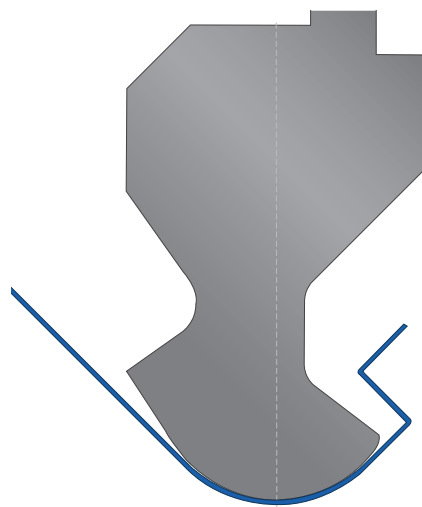
PR3



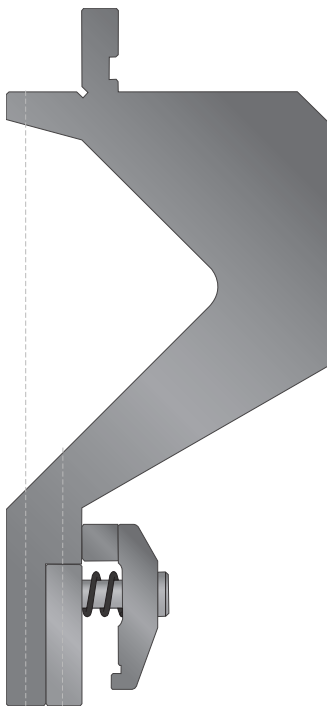
PR4



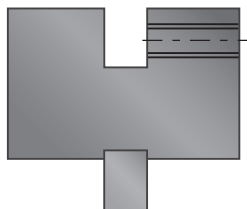
PR5



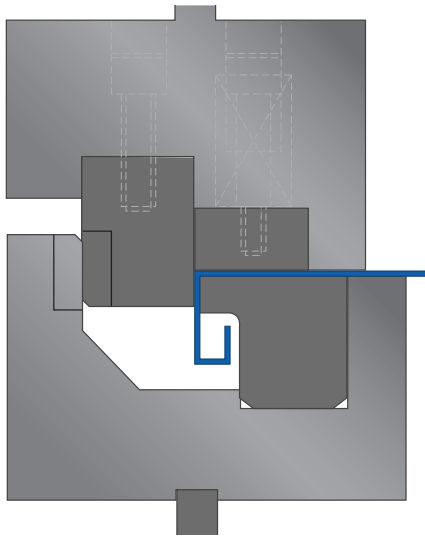
PR6



EURO Z1 OR Z2 CLAMPING

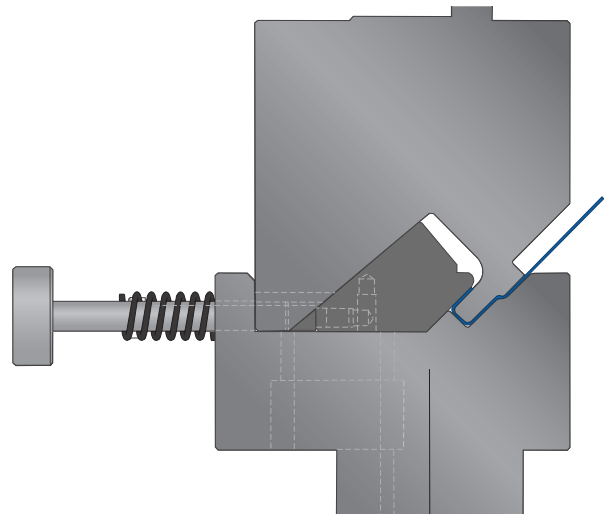


DIE HOLDER



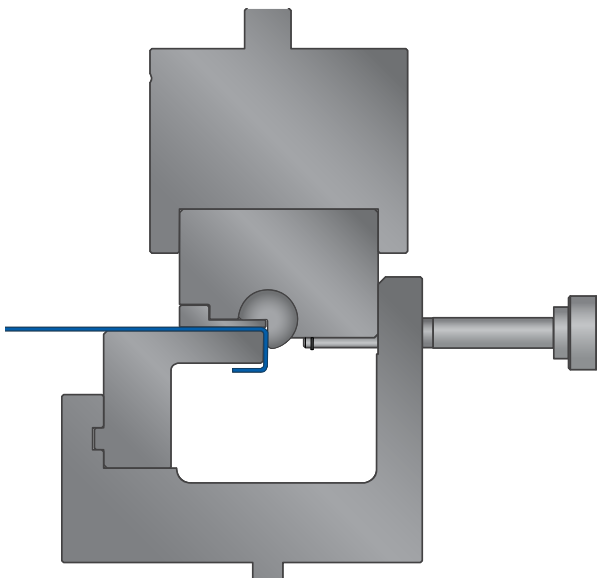
WD1 WIPE DOWN

Holds the sheet flat while wiping the flange down.
Ideal for large panels and high production.



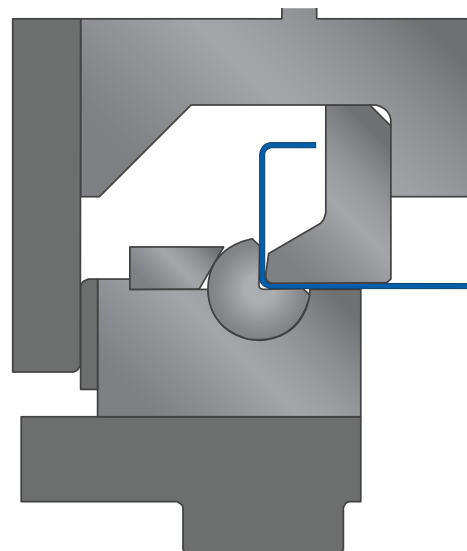
WO1 WIPING FORM

Holds the sheet flat while wiping the flange up or down.
Ideal for large panels and high production.



RTD ROTARY FLANGE FORMING FORM DOWN

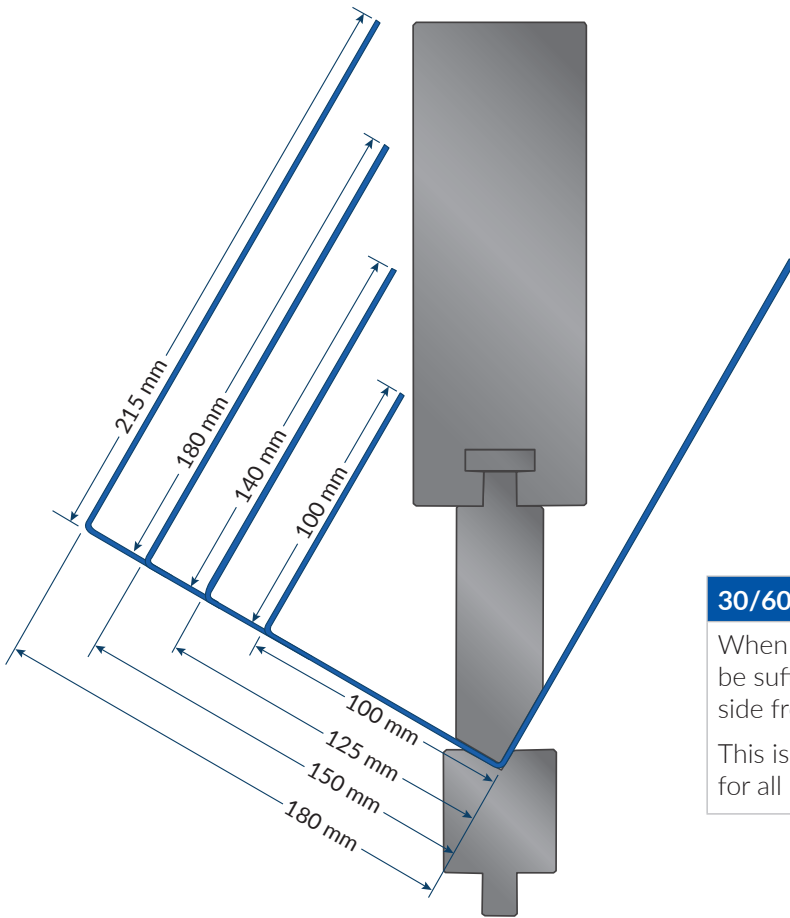
Holds the sheet flat while forming. Overbend allowance is built in to compensate for material springback.
Ideal for large panels and high production.



RTU

Holds the sheet flat while forming. Overbend allowance is built in to compensate for material springback.
Ideal for large panels and high production.

DEEP BOX BENDING AND SWING EARS



30/60 DEEP BOX BENDING

When forming a 4-sided box, the punch must be sufficient height to prevent the pre-formed side from striking the upper beam.

This is a thrusting application and not suitable for all press brakes.

SWING EAR SECTIONS

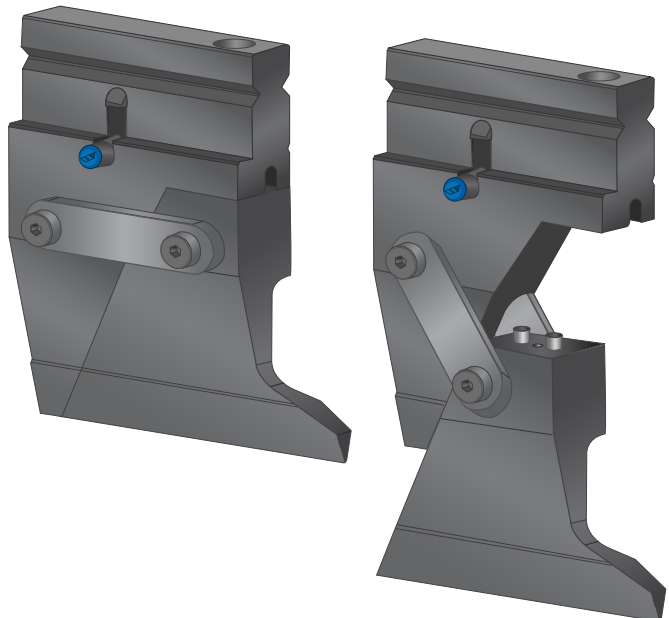
Box bending with return flanges.

Standard bend length 150mm each ear on all punch profiles, 100mm length available on select profiles.

Punch profile will match the standard profile only in height, angle and radius. Width will be wider where hinged.

Consider open height and stroke with the additional height achieved by ear movement.

Application driven - consult with sales desk to review expected results prior to ordering.



**BRAKE PARTNER**

Want forms to go on both sides of your part, but you cannot afford the form to be damaged during the punching operation?

Then do it on your press brake during the folding operations.

Only have lasers or waterjet, and need some louvres or extrusions in your parts?

Use the brake partner to add these forms during the folding operations.

Have you run out of tool stations on your punch press?

Then add them to the Press Brake operations with the addition of the Brake Partner.

You want a form that's maybe too high for your punch press?

Then use the Brake Partner to go beyond these limitations.

PART NO. DESCRIPTION

55410	Wilson Brake Partner Assembly, WT Style
55413	Wilson Brake Partner Assembly, EURO Style

NOTE: OTHER TANG CONFIGURATIONS ARE AVAILABLE UPON REQUEST.

WILSON TOOL INTERNATIONAL (EUROPE) LTD.

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Email: sales@wilsontool.com

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Wilson Tool - Canada

Press Brake Division

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Email: ventes@wilsontool.eu.com

Wilson Tool - Switzerland

Tel (Free): 00800-9457668665 | Tel: +49 5723 747 0

Fax (Free): 00800-945766329 | Fax: +49 5723 747 10

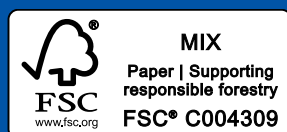
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V1.March 2025

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