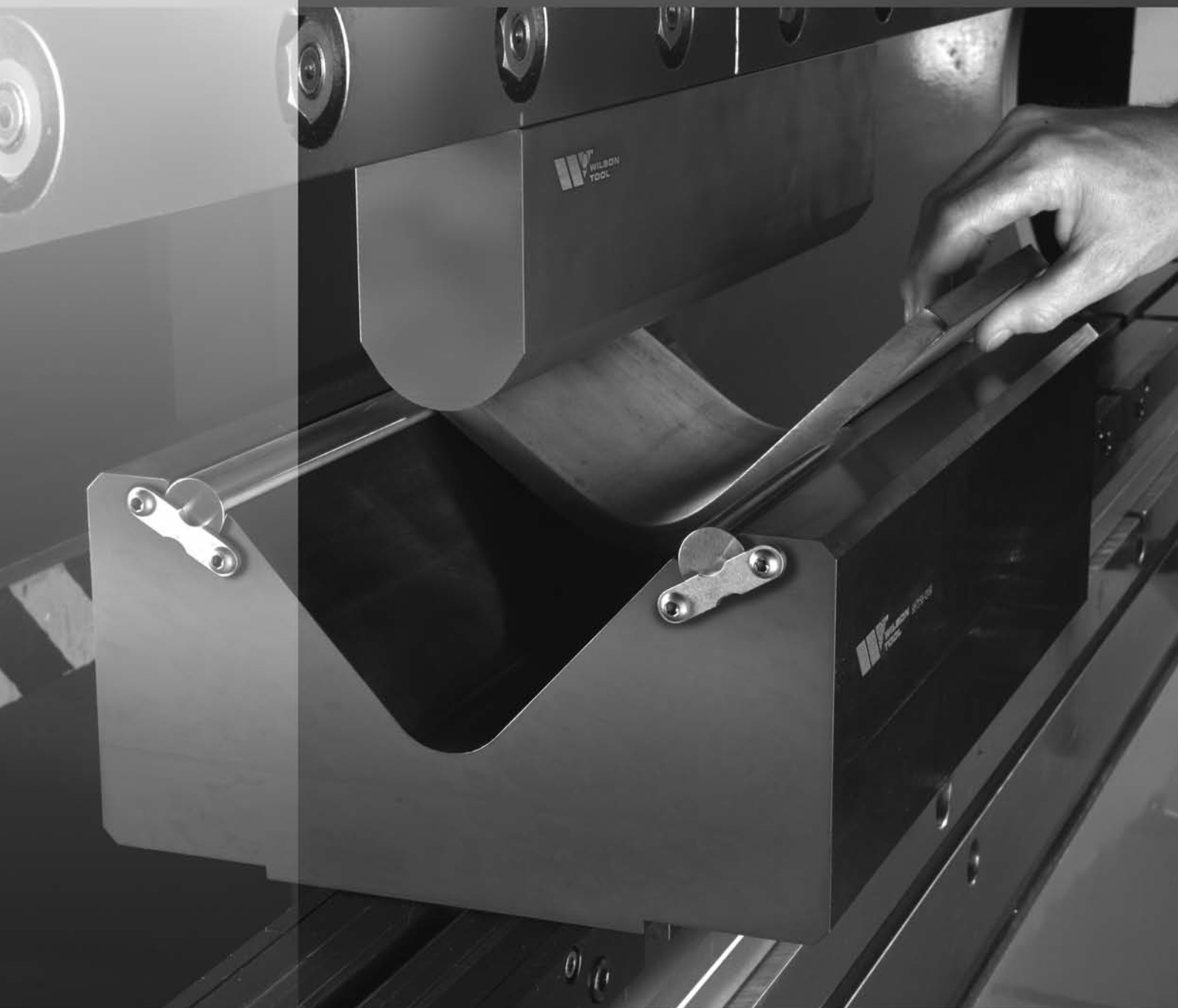


WILSON TOOL

**PRESS BRAKE
SPECIALS**



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Order

Minimum order is £35.00.

Credit

All orders are subject to the approval of our credit department. If you are a new account, please furnish us with a bank reference and three supplier references. A credit limit will be imposed on new accounts until credit has been established.

Payment

Terms are net 30 days.

Cancellation

In the event an order is cancelled, a charge will be made to cover labour, materials and overheads.

Returned Material

A handling charge of 25% is made on all standard parts returned for credit. Written permission and shipping instructions must be obtained before the return of any material. Special tooling cannot be returned.

Claims

All claims for shortages must be made within 3 days of the invoice date.

Prices

Prices and specifications subject to change without prior notice. E & O E. All prices are exclusive of VAT.

Delivery Charge

All orders are subject to a delivery charge.
Please call the sales desk for a delivery quotation.

Custom Press Brake tooling for your most challenging application

NO MATTER HOW UNIQUE YOUR TOOLING NEEDS, WILSON TOOL HAS THE INGENUITY AND EXPERIENCE TO DESIGN AND MANUFACTURE PRESS BRAKE SPECIAL TOOLING THAT WILL IMPROVE YOUR BENDING PERFORMANCE.

INNOVATIVE ENGINEERING.

Over the years we've helped customers solve their most challenging bending and forming applications with innovative tooling solutions for the press brake that simplify complex bends and improve productivity. The many examples of press brake specials tooling in this catalog are a small sampling of some of the unique solutions we've created for customers like you.

CHALLENGE US.

If you don't see a suitable special tooling on these pages, don't worry. We like the tough stuff. If you need it done better or faster, Wilson Tool is up to the challenge. Bring us your parts, prints, designs, CAD files, napkin drawings – whatever you have – and our industry-leading experts will work with you to create the ideal tooling solution.

QUALITY MATERIALS. QUALITY CONTROL.

Like all Wilson Tool products, our special tooling is produced from high quality proprietary grade tool steels that feature custom elements designed to enhance tool life and performance. We thoroughly inspect each special tool we produce and include a sample that was produced during this testing process with each special tool that is shipped. When testing is complete and the customer is satisfied, we store our data and specifications for each special tool in our computer system for safe, confidential storage and easy retrieval at a later date.

QUICK QUOTES. SHORT LEAD TIMES.

Wilson Tool is committed to providing better solutions, faster. We'll respond to most of your special tooling request with a quote in 24 hours. And we offer the fastest lead times on special tooling in the industry.

PRECISION GROUND TO REDUCE WASTE.

Wilson press brake tooling is precision ground to a tolerance of $\pm 0.02\text{mm}$ on all critical dimensions for increased reliability. Common centerlines on all punches eliminate costly time spent locating the back gauge origin position and subsequent scrap.

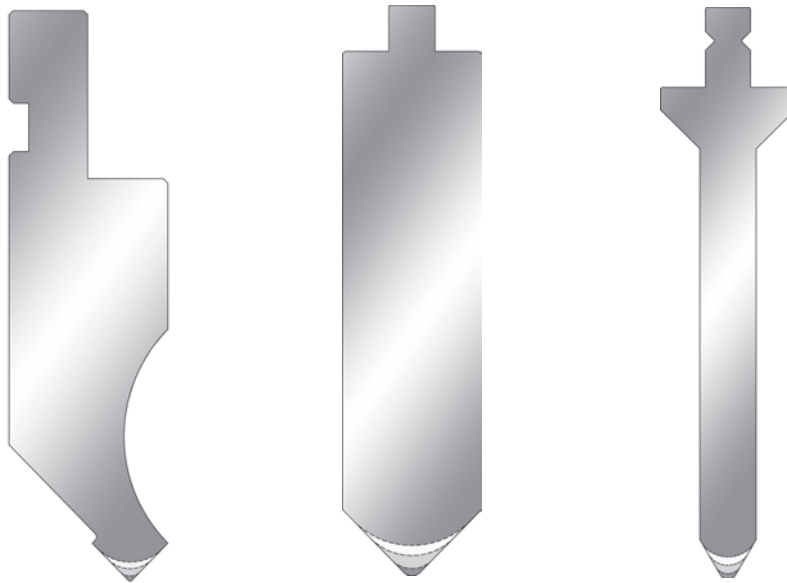
NITREX™ EXTENDS TOOL LIFE.

Wilson Tool's exclusive Nitrex™ high endurance surface enhancement increases press brake tooling life by several times that of ordinary tooling. Wilson's patented process provides a surface hardness of HRC-65, increasing long-term durability and minimizing galling in even the toughest bending applications.

Nitrex™ also adds lubricity to press brake tooling that lowers friction, effectively minimizing galling. Unlike ordinary press brake tooling Nitrex™ treated tools experience zero corrosion, resulting in faster cleanups and longer lasting tooling.

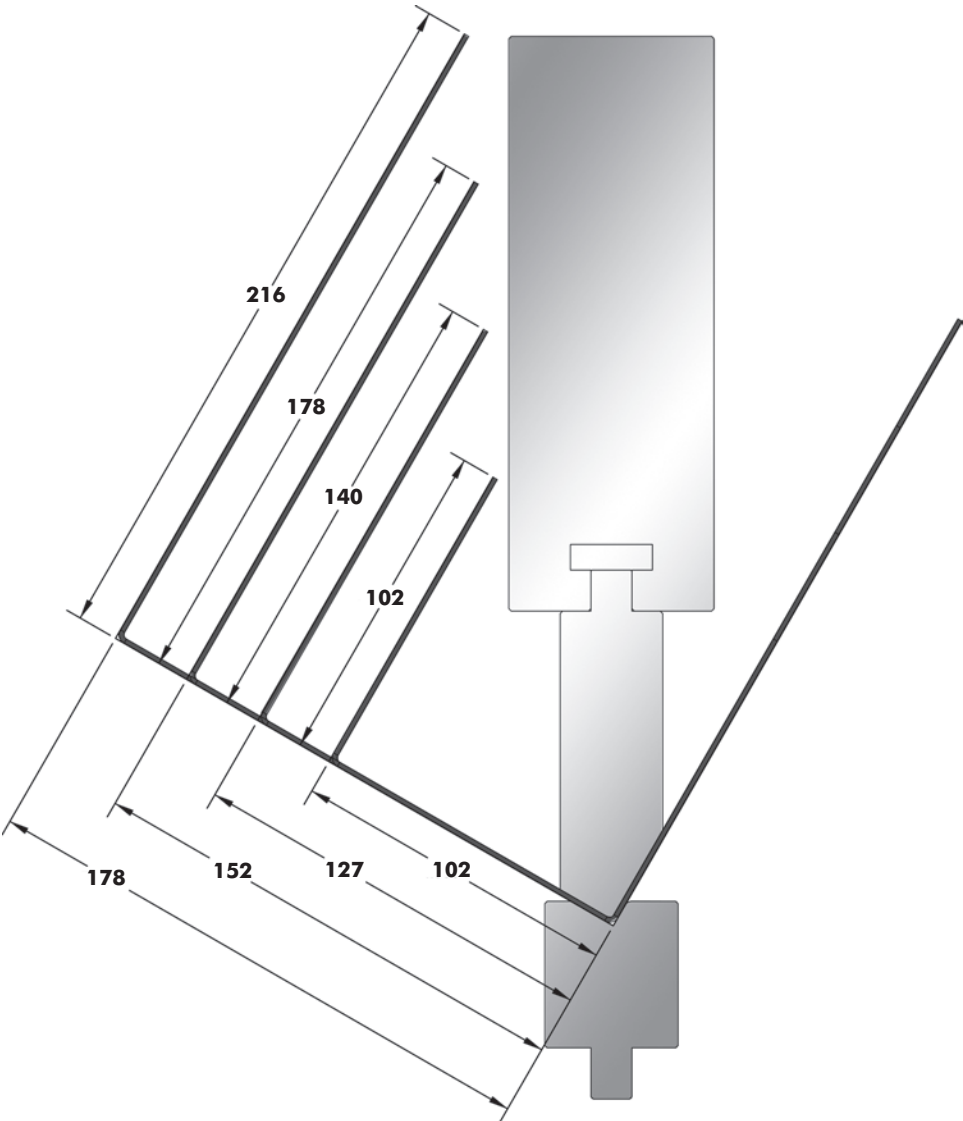
TIP MODIFICATIONS.

Tip modifications are available in all styles and sizes. Wilson Tool has the fastest lead times in the industry.



General Applications

30 - 60 - FOR DEEP BOX BENDING



30 / 60

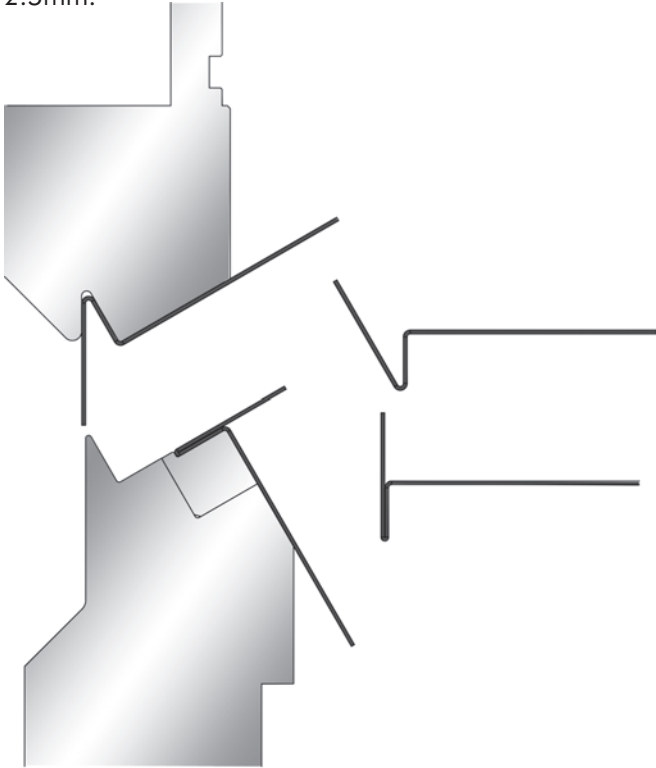
When forming a four-sided box, the punch must be sufficient height to prevent the pre-formed side from striking the upper beam.



CUSTOM HEMMING

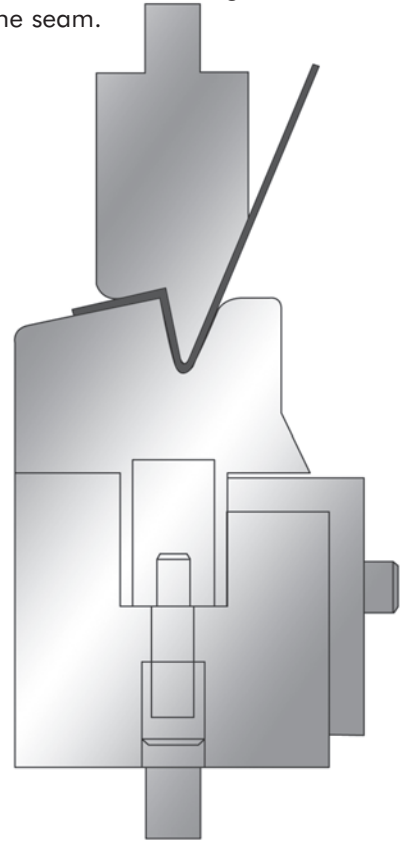
AH1

This set is typically used to form seams in excess of 12.5mm.



SSH1

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



HDH1

Heavy Duty Hemming for thick gauge applications.

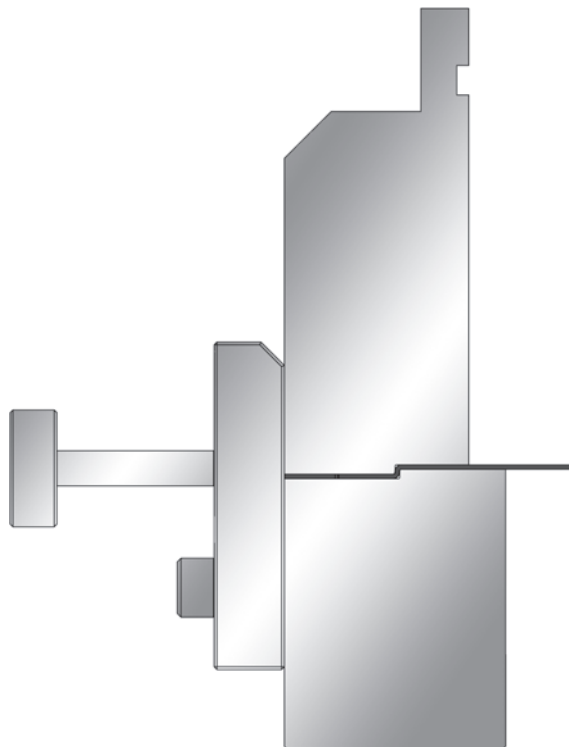


General Applications

OFFSET

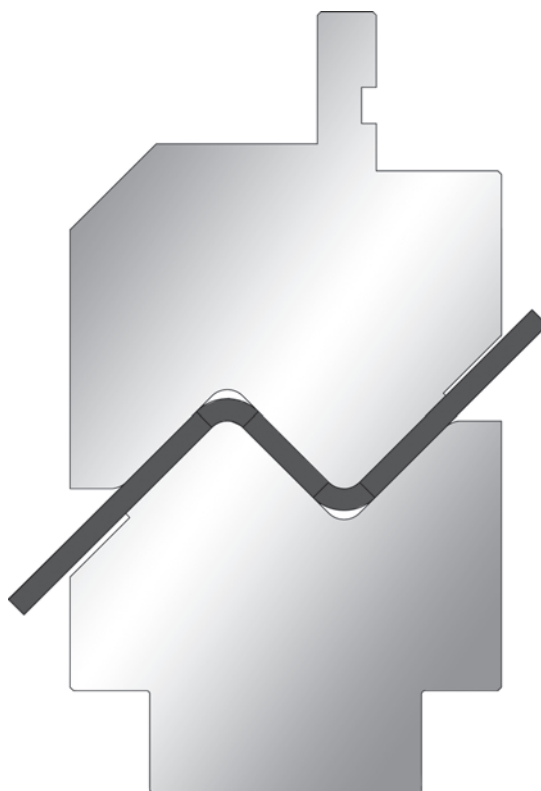
H OFFSET - HO1

This set is used when forming offsets that are approximately one material thickness. Prevents material whip up. Thrust plates and adjustable back gauging are provided.



LARGE OFFSET - LO1

This set is used for heavy gauge, large offset bending.

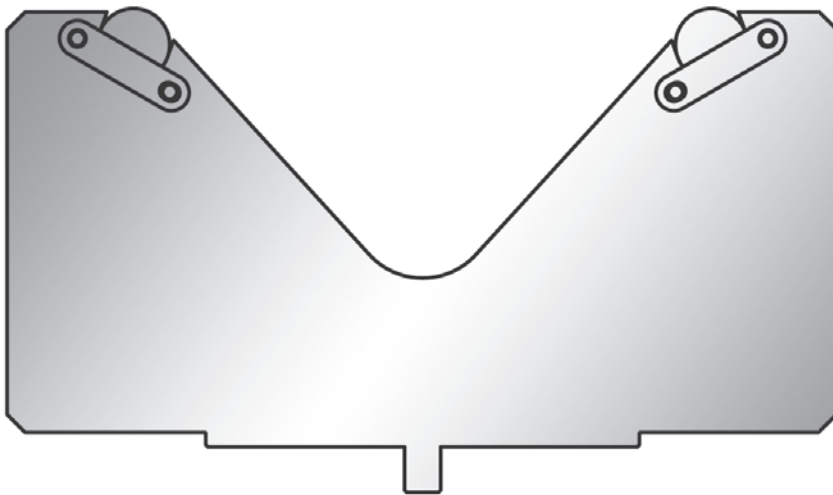


ROLLING SHOULDER DIE

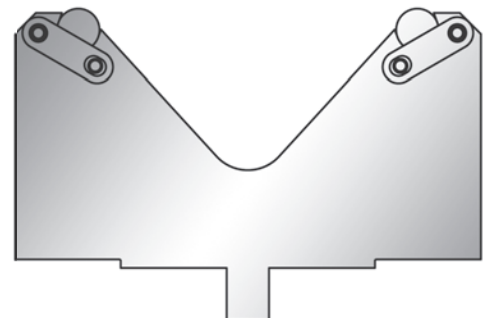
Insertable shoulder dies are ideal for extreme wear conditions created when forming heavy plate and abrasive materials.

Replaceable inserts eliminate the need for replacing the entire die when the die shoulders wear.

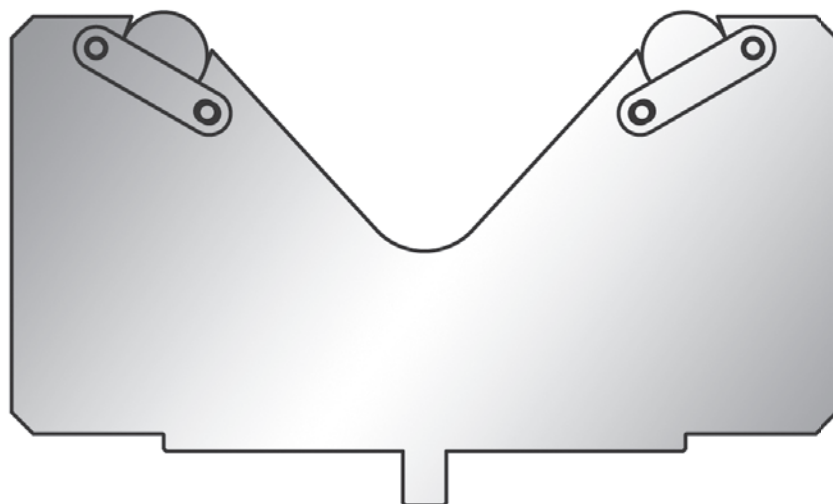
Available in multiple V sizes and 75° and 85° configurations.



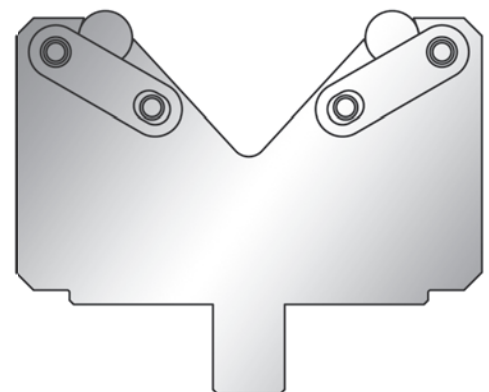
203mm V



102mm V



152.5mm V



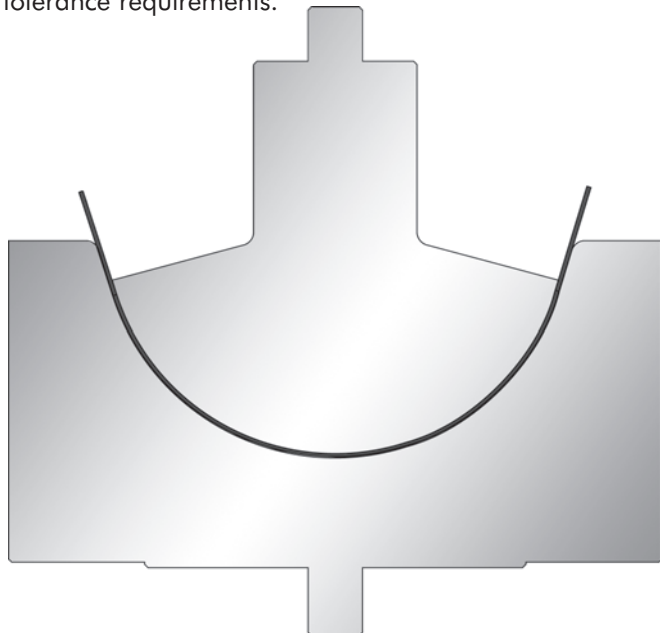
51mm V

General Applications

LARGE RADII

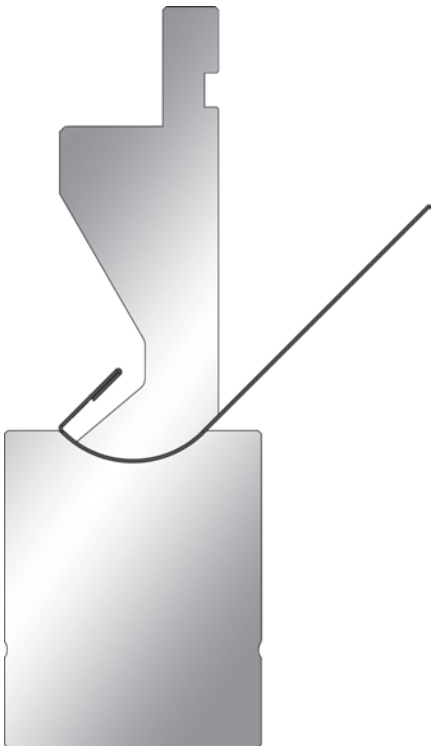
LR1

This is a 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.



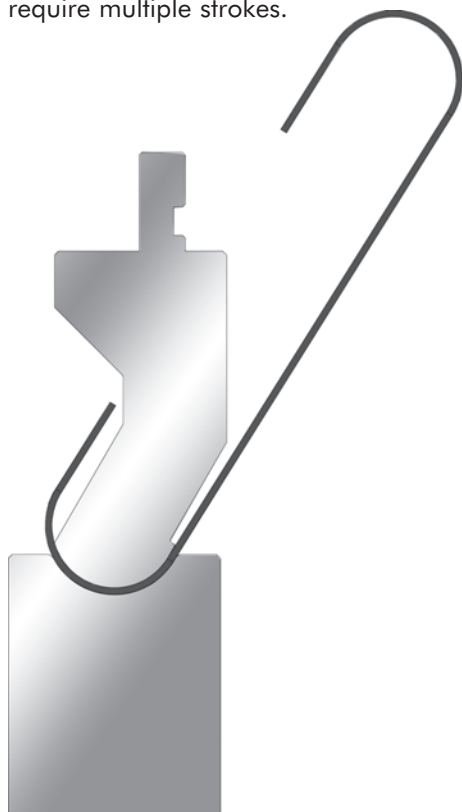
LR2 MULTI HIT RAD

This set is used when a full radius is required before the flange. May require multiple strokes.



LR3 MULTI HIT RAD

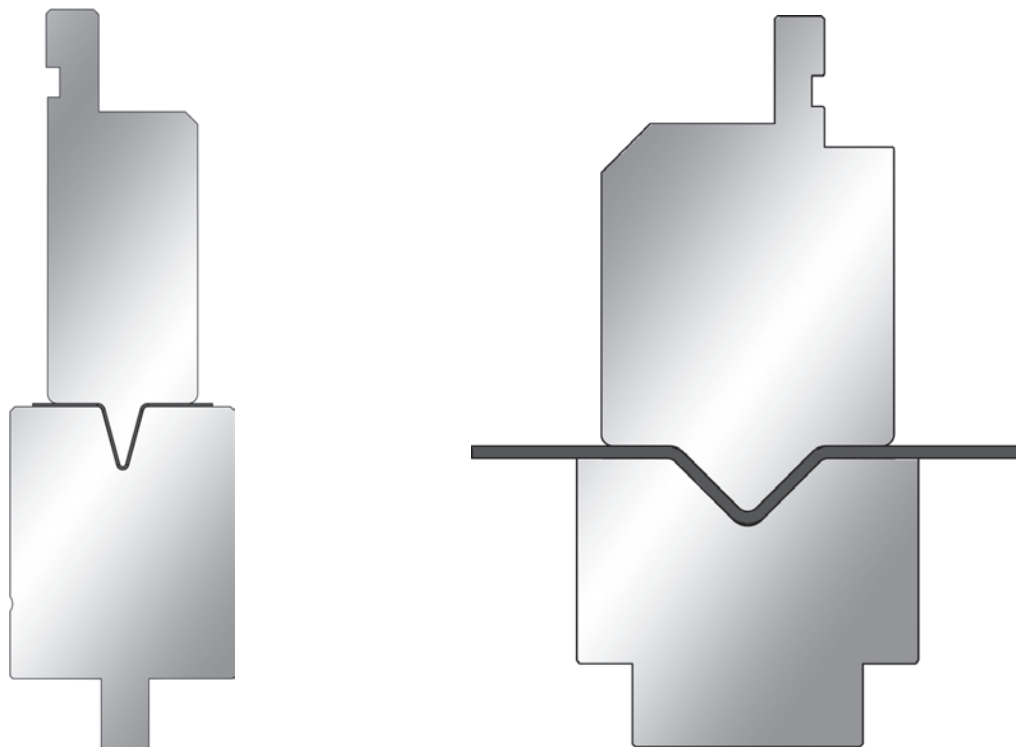
This set is used when the return flange starts at the radius end. May require multiple strokes.



V-RIB / STRENGTHENING RIB

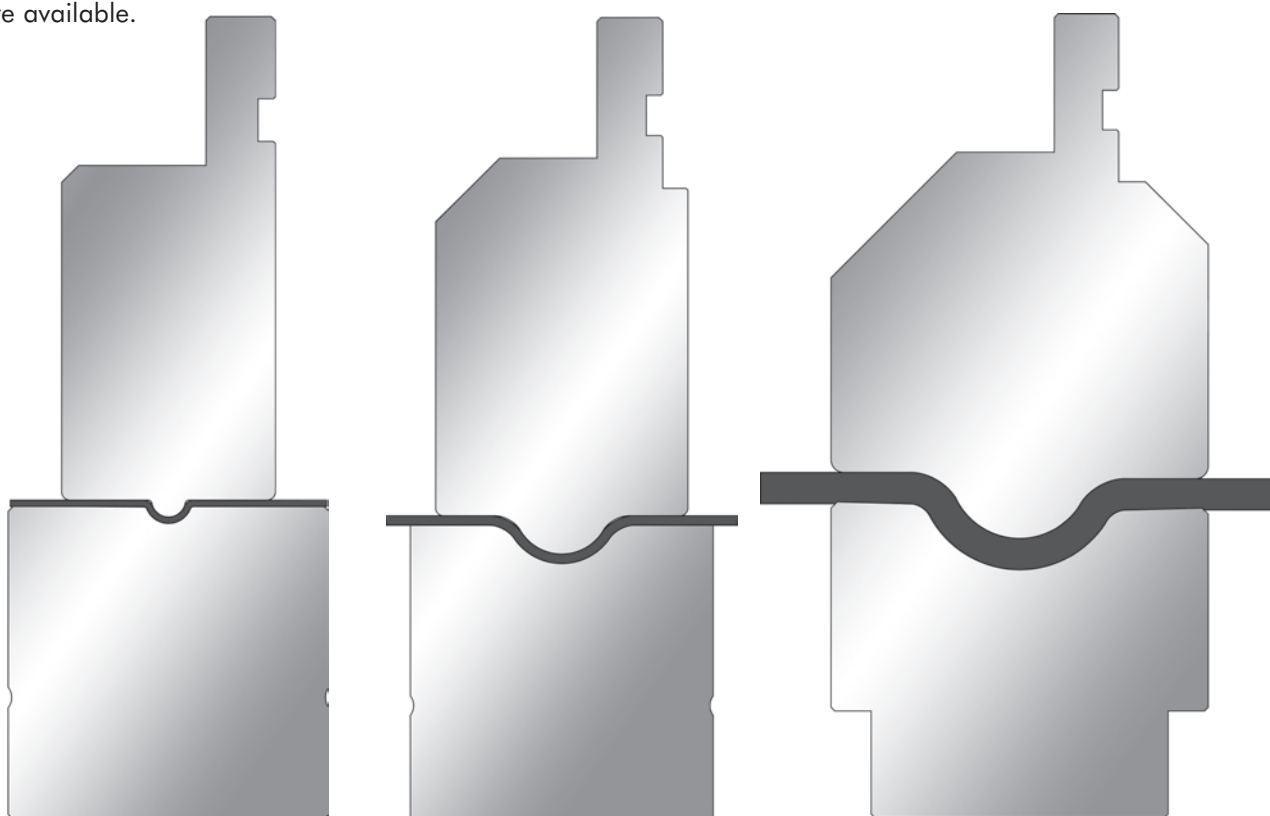
VR1

These sets produce a v-rib in one stroke. Spring back allowance is built in.



SR1

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

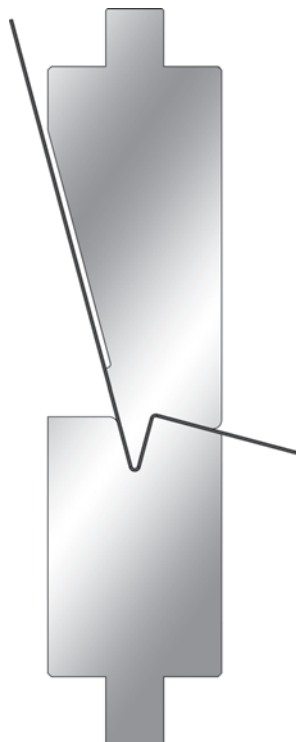


FORMING

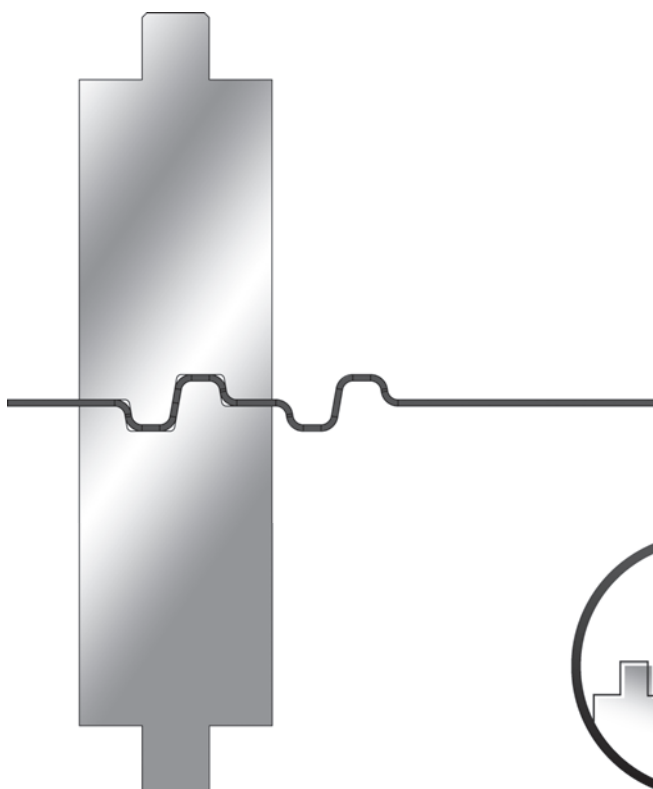
FM1 AND FM2

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

FM1



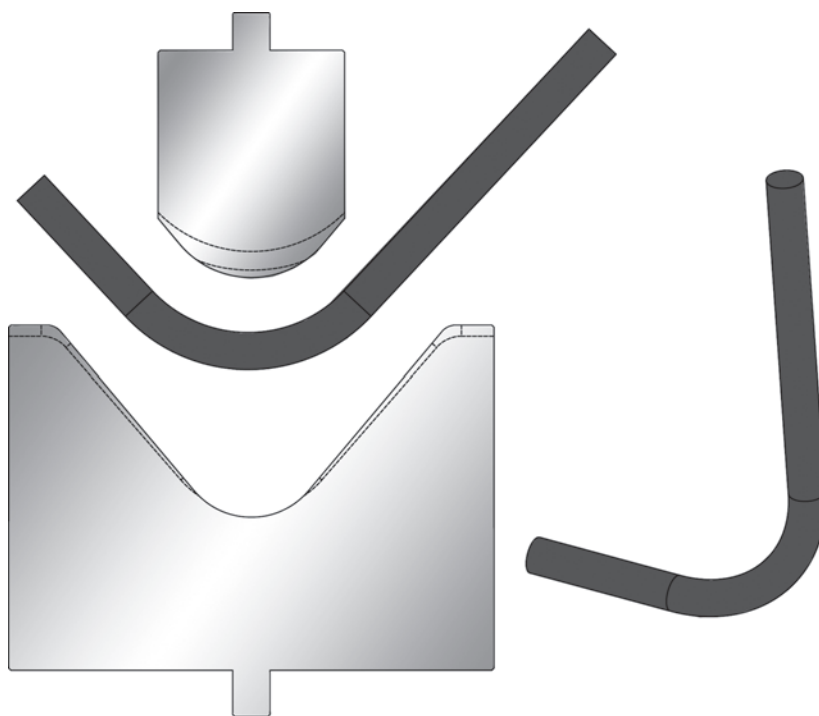
FM2



ROD BENDING AND WINDOW

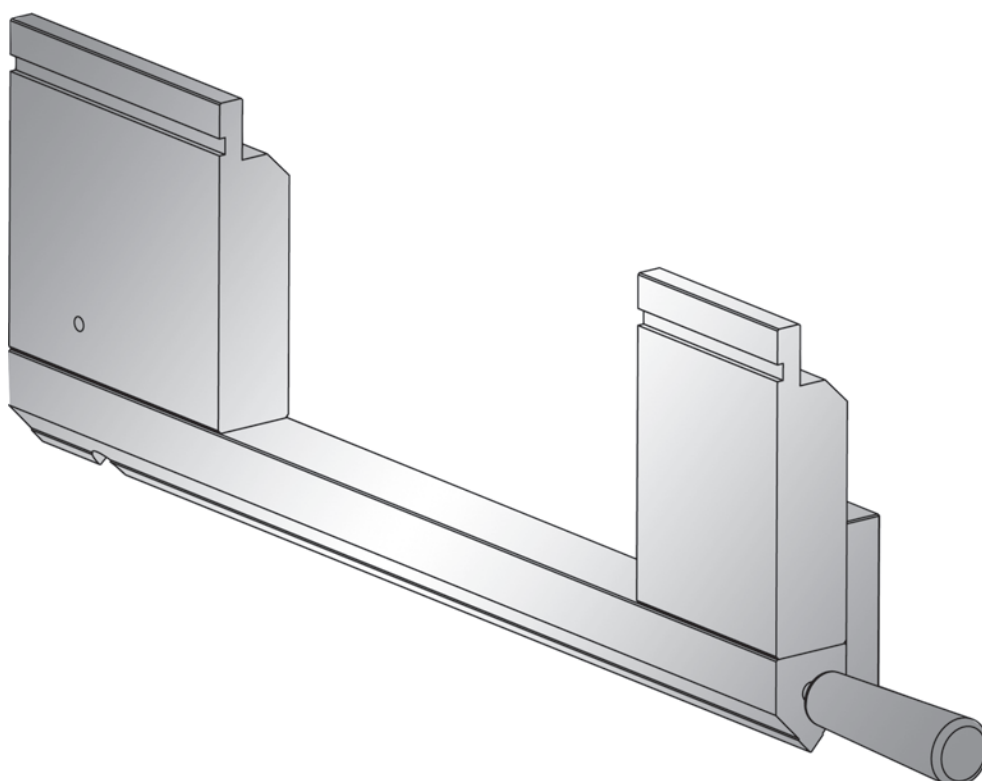
RB1

These sets provide nesting for the rod during the forming process.



W1

This set is used when minimum return flange clearance is required.



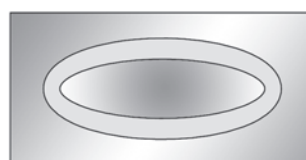
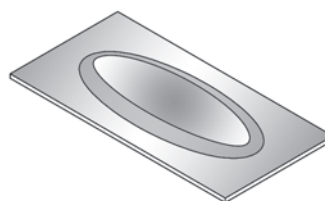
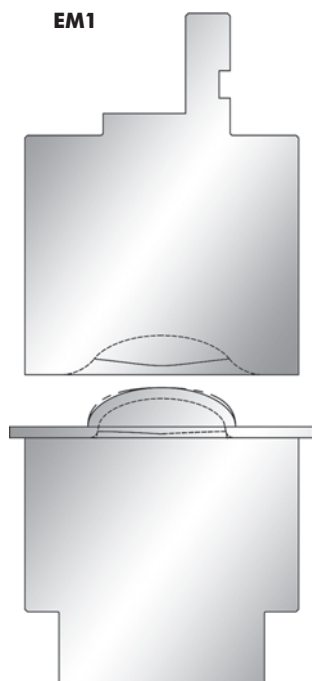
Stamping

EMBOSS AND LOGO

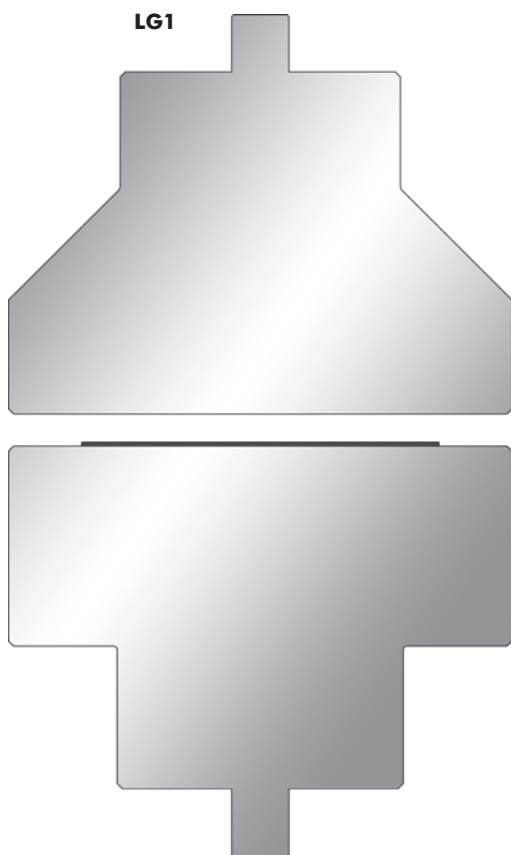
EM1 AND LG1

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

EM1



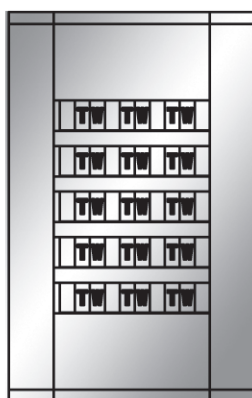
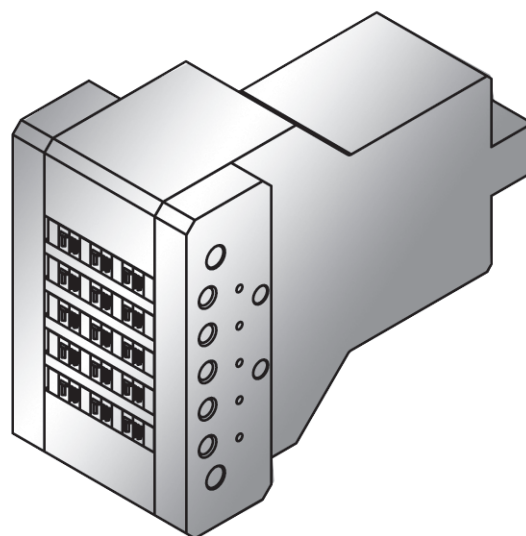
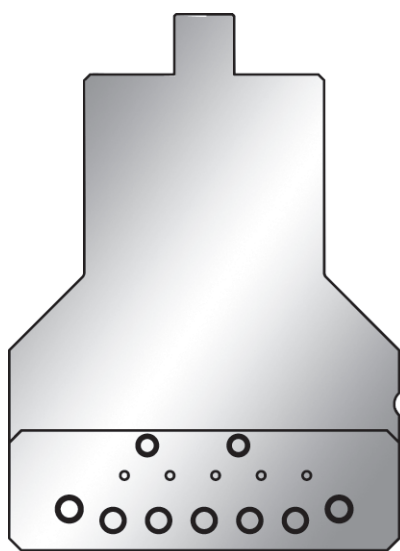
LG1



LETTERSTAMP

LS1

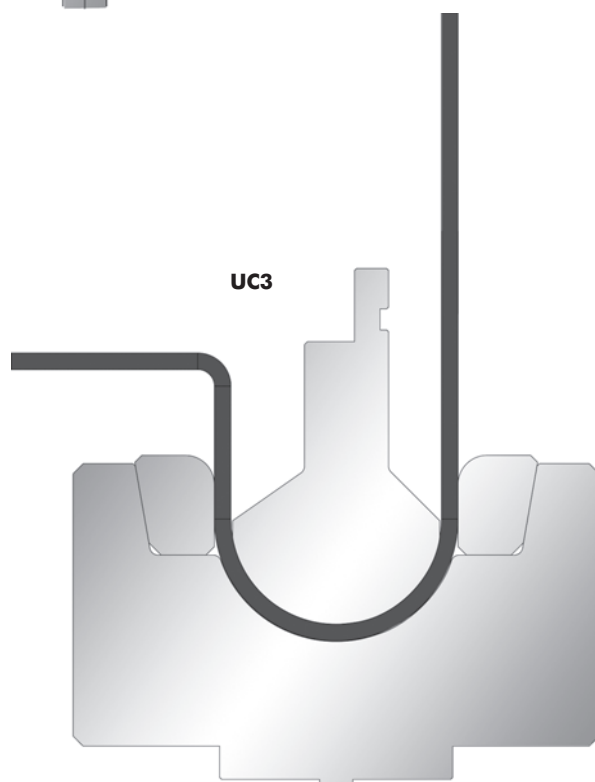
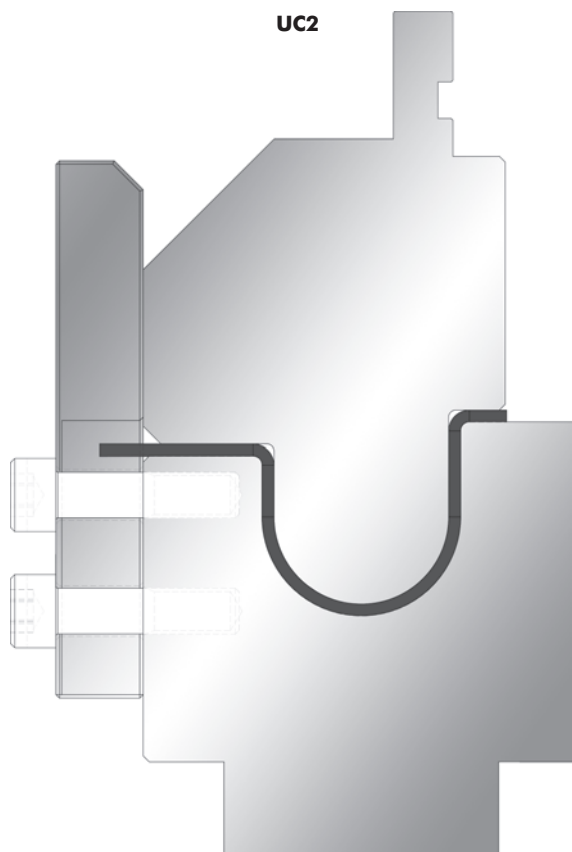
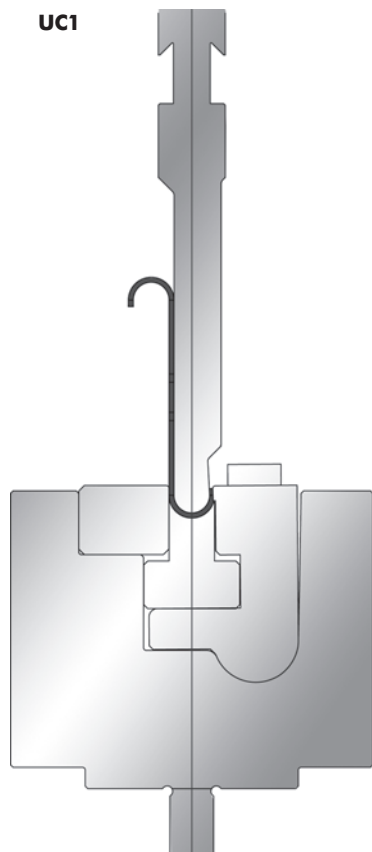
This set provides chisel point embossing with interchangeable characters. Single row or multi row available.



MECHANICAL

CHANNEL

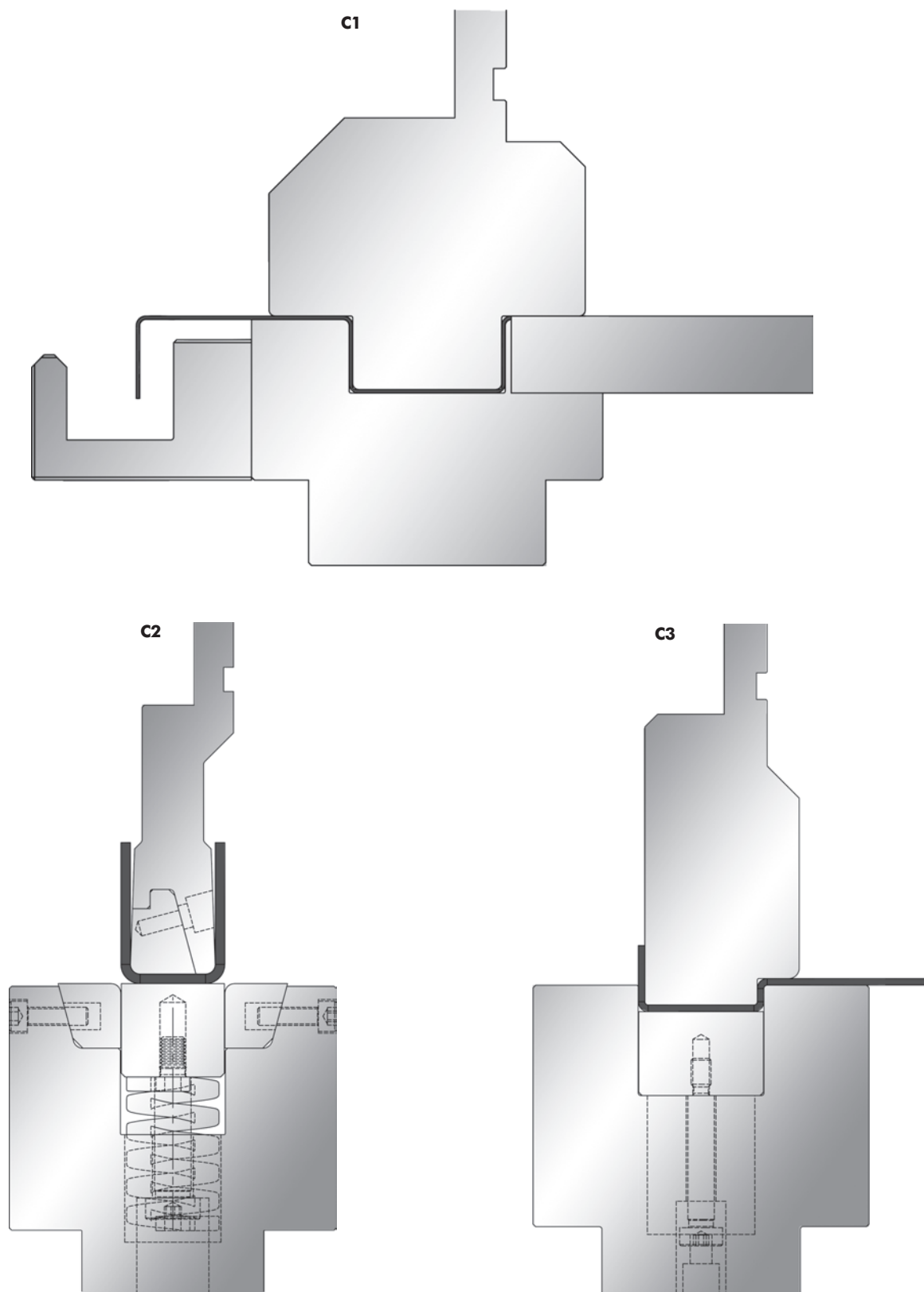
These sets are recommended for applications where considerable spring back is encountered. Secondary flattening operations may be required.



MECHANICAL

CHANNEL

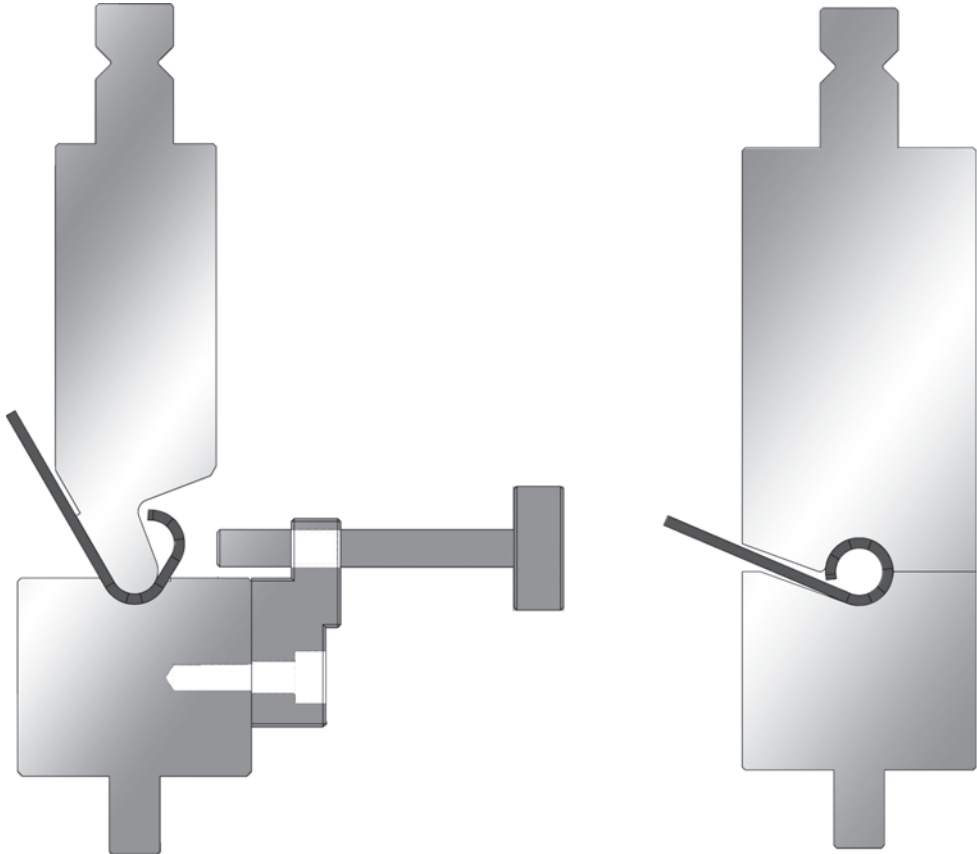
These sets are required for deep channels when the channel bottom needs to remain flat.



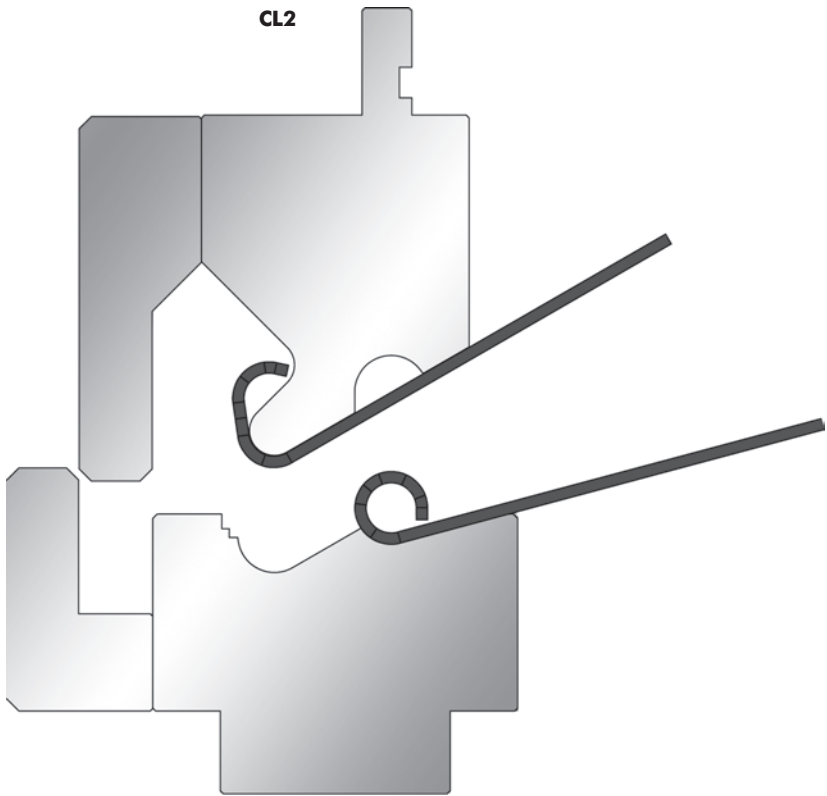
MECHANICAL

CURL

CL1
CURL TOOL SET



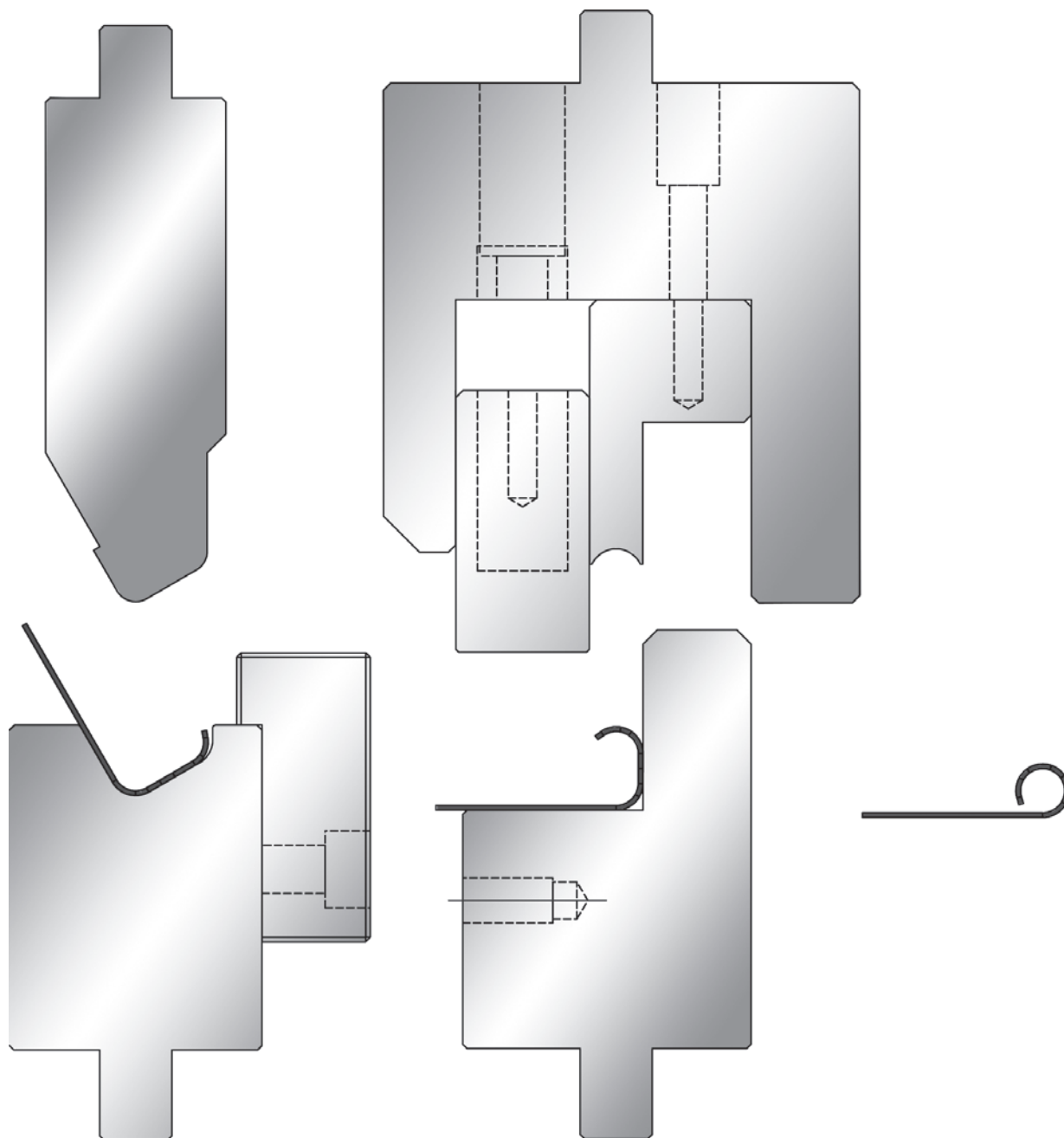
CL2



MECHANICAL

CURL - CL3

These sets are used for hinges and corner beading. Call for specific application recommendations.

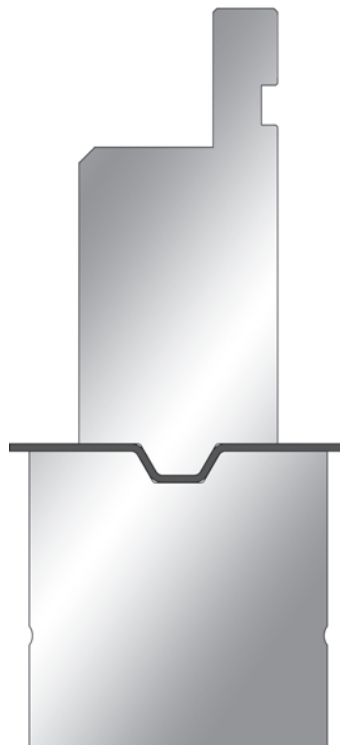


HAT CHANNEL, LOUVER

HT1

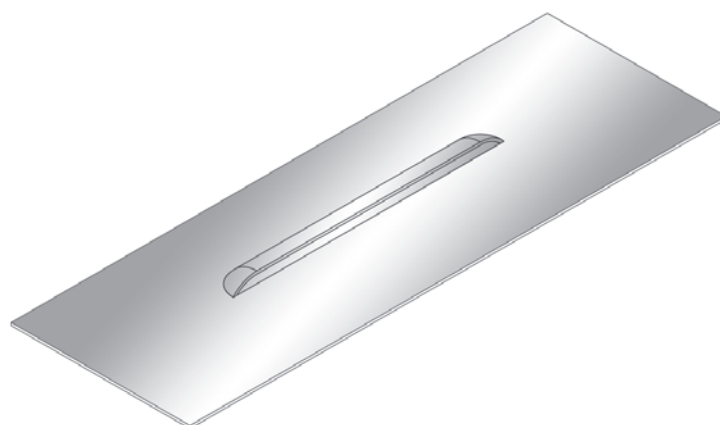
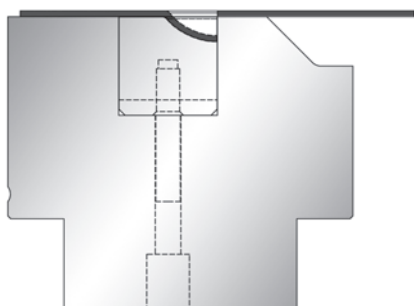
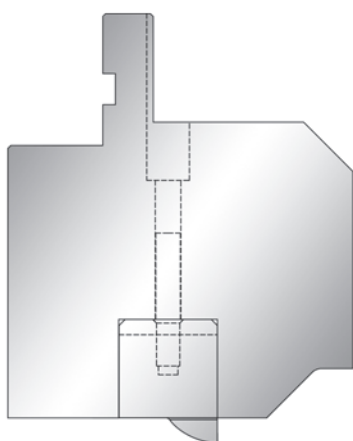
These sets provide straight wall or angled wall hat channel bending in one stroke.

Spring back allowance is built in.



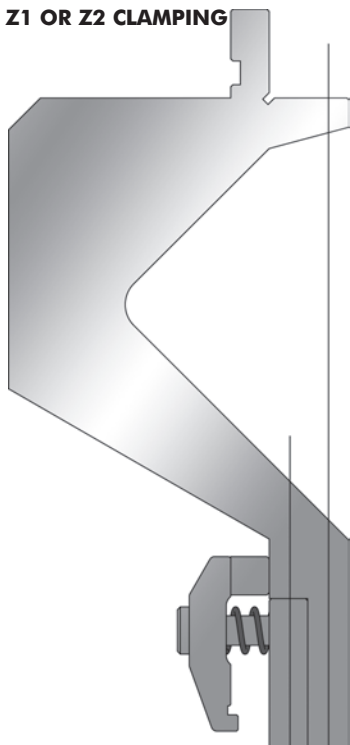
LL1

Multiple louver configurations are available. For louver forming, sheet perforation is required.

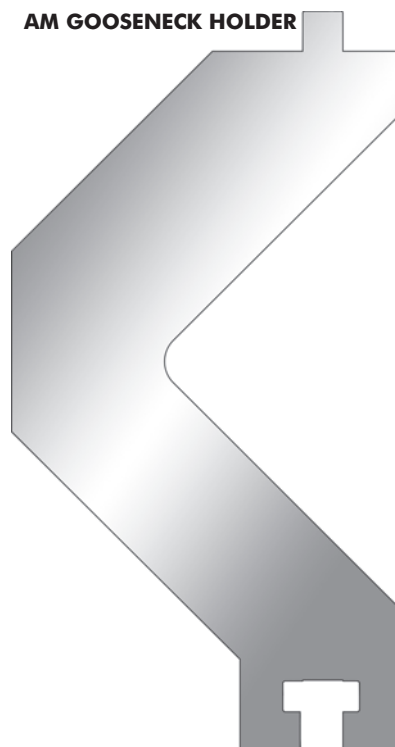


HOLDERS

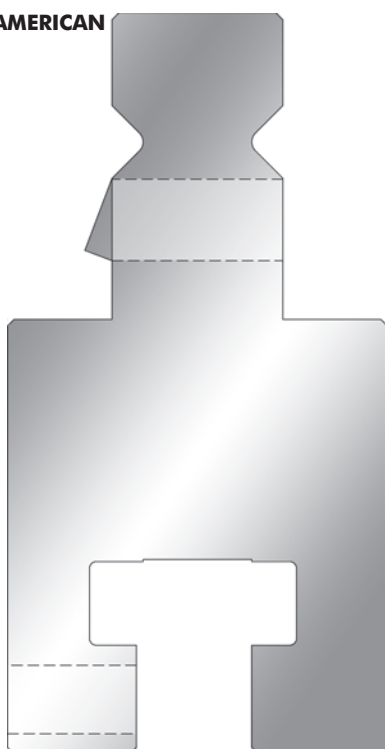
43002 - EURO Z1 OR Z2 CLAMPING



AM GOOSENECK HOLDER



WT - AMERICAN



AM SELF SEAT



Specials Checklist

COMPANY: _____
CONTACT: _____
PHONE: _____ **SALES ENGINEER:** _____
QUOTE NO: _____ **SALES DESK CONTACT:** _____

MACHINE SPECIFICATIONS:

Brake Make / Model: _____
Open Height: _____
Tonnage: _____

TOOLING AND APPLICATION:

Tooling Type: ☐ Wilson Staged ☐ European ☐ WT ☐ Other _____
Length of Bend: _____
Material Type: _____ Thickness: _____
Is customer currently performing this bend? _____
If yes, explain: _____

TOLERANCE BLOCK:

Part Radii Tolerance: _____
(Tolerances tighter than +/-5% may affect price / lead time)
Part Bend Angle Tolerance: _____
(Tolerances tighter than +/-2% may affect price / lead time)
Estimated Annual Usage: _____

WILSON TOOL INTERNATIONAL (EUROPE) LTD

United Kingdom

European Headquarters

Stirling Road, South Marston
Industrial Estate, Swindon, Wiltshire
SN3 4TQ, United Kingdom
Tel (Free): 0800 373748
Tel: +44 (0)1793 831818
Fax (Free): 0800 373758
Fax: +44 (0)1793 831945
email: sales@wilsontool.eu.com

France

Bat B,
51 Rue d'Ourdy, 77550 Réau, France
Tel: (Gratuit) 0800 10 29 00
Tel: +33 (0)1 64 13 47 80
Fax: (Gratuit) 0800 10 40 14
Fax: +33 (0)1 64 13 47 81
email: ventes@wilsontool.eu.com

Germany

Gottlieb Daimler Str 2
31552 Rodenberg, Germany
Tel: (Frei) 00800 945 766 8665
Tel: +49 (0)5723 747 0
Fax: (Frei) 00800 945 766 329
Fax: +49 (0)5723 747 10
email: verkauf@wilsontool.eu.com

Scandinavia

Islevdalvej 100
DK-2610, Rødovre, Denmark
Tel (Free): 80 20 20 24
Tel: +45 44 53 16 99
Fax (Free): 80 20 20 26
Fax: +45 44 53 06 07
email: salesdk@wilsontool.eu.com

email: pbsales@wilsontool.eu.com

Visit us online at: www.wilsontool.com

United States

Worldwide Headquarters

12912 Farnham Avenue
White Bear Lake, MN 55110 USA
Tel (Free): 800 328 9646
Tel: (651) 426 9133
Fax (Free): 800 222 0002
Fax: (651) 426 9134
email: marketing@wilsontool.com

Argentina

Wilson Tool International(r), Argentina
Von Wernicke 3041 PB
San Isidro, 1642 Buenos Aires
Argentina
Tel: +54 114 7634004
Fax: +54 114 5084190
email: ventasargentina@wilsontool.com

China

No. 6 Building of 58
4018 Lane Huaning Road
Xinhuang Industry Park
201108 Shanghai, China
Tel: +86 21 51089638
Fax: +86 21 64422195
email: sales@wilsontool.cn

Mexico

The Wilson Company SRL de CV
BLVD. Diaz Ordaz no 140 piso 20
Col. Santa Maria
Monterrey, Nuevo Leon
Mexico
C.P. 64650
Tel: 52 (81) 8865 4820
Fax: 52 (81) 8865 4599

South Africa

Wilson Tool South Africa Limited
Rynhurst Business Park
156 Pretoria Road
Rynfield
Benoni
1501
Gauteng
Republic of South Africa
Tel: +27 877 217 875
Fax: 086 657 8629
email: simon.penney@wilsontool.com