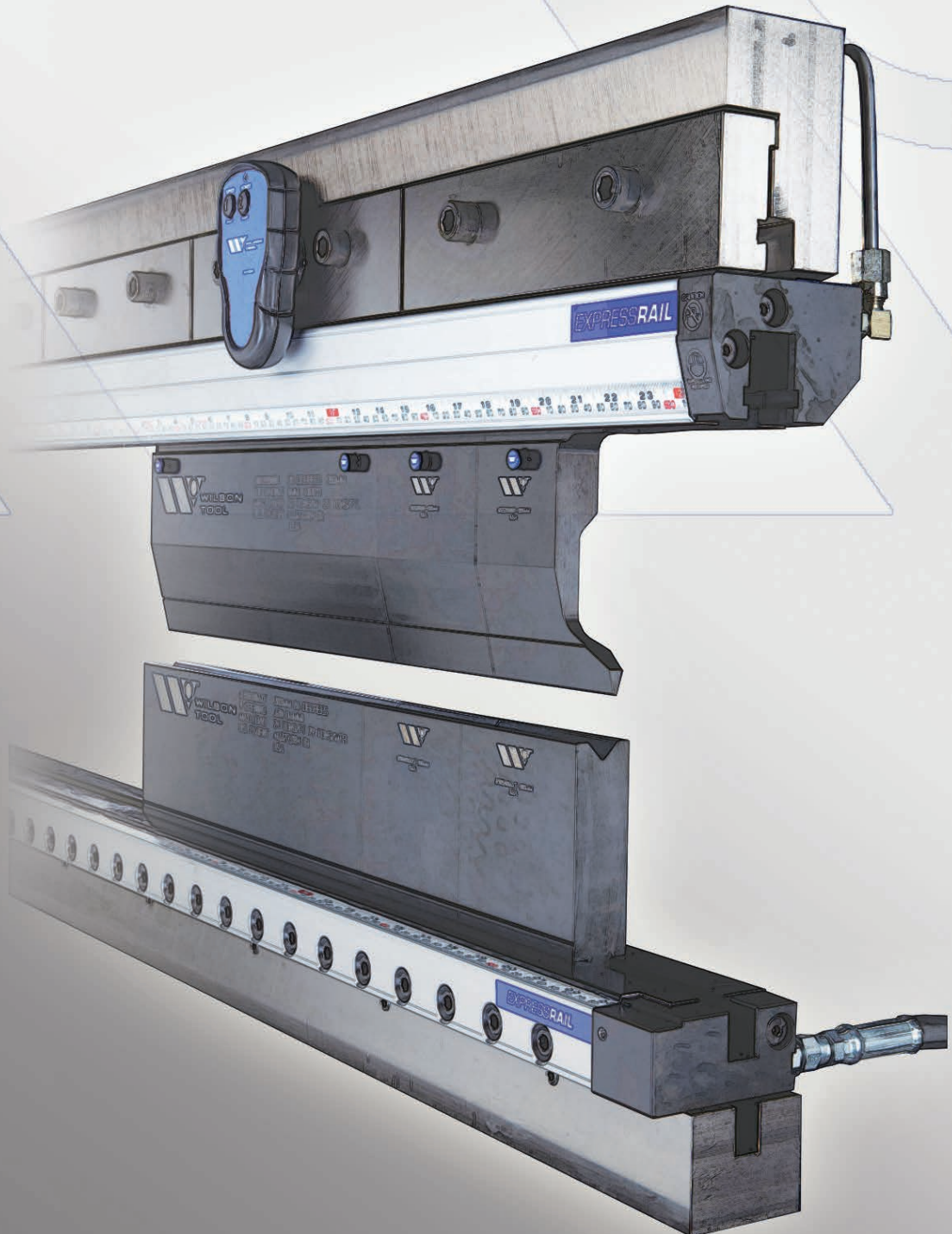


CLAMPING SOLUTIONS



SOLUTIONS FOR PRESS BRAKE TOOLING

WILSON TOOL CLAMPING SYSTEMS

Minimizing setup time is key to achieving greater press brake productivity. Wilson Tool offers a variety of innovative clamping solutions designed to help manufacturers dramatically reduce the amount of time spent loading and unloading press brake tooling.

We offer the fastest, most reliable clamping solutions in the industry.

POWER CLAMPING - High speed clamping at the push of a button.

Wilson power clamping solutions deliver the quality and accuracy needed for fast tool changes and longevity. With the push of a button you can automatically clamp and seat your press brake tooling in seconds. Our systems are designed to deliver precision alignment while maximizing open height for large flanges or parts. The hydraulic power unit is the most dependable on the market, and is available in a variety of voltages.

- Includes PowerExpress® and ExpressRail™ systems
- Available for Wila/Trumpf and American style tooling

QUICK CHANGE MANUAL CLAMPING - Fast and simple lever activation.

Loading tools is quick and easy with Wilson Express Clamps. Simply insert short, long or sectionalized tools into the clamp, push the removable lever and the tools are securely clamped into place. Available for virtually any make and model of press brake, the Wilson Express Clamping System™ is uniquely designed to increase your productivity and reduce your setup time and operating costs.

- Express Punch Clamps hold European style punches
- Express Die Holder is available for Wila/Trumpf and American style dies

STANDARD MANUAL CLAMPING - Economical and flexible.

Sometimes speed isn't what's required. Wilson Tool offers a variety of punch and die holders that assist you in converting tool styles or extending your bend clearance at a lower cost than a complete system. These holders will give you accurate tool clamping with a simple turn of a set screw.

- Manual Clamps and die holders are available for European, Wila/Trumpf and American style tooling.

Features & Benefits - All Clamping Systems

Many of the Wilson clamping systems are treated with Wilson Tool's exclusive Nitrex® surface enhancement process. This patented process provides a surface hardness of HRC-70, which will increase the long-term durability of clamping surfaces and minimize damage. In even the toughest bending situations, Nitrex will extend the life of your die clamps by several times that of untreated beams.

All upper and lower clamping solutions will clamp short, long or sectionalized tools. Our precision manufacturing ensures accurate tool centre and alignment.

Options

Tool styles: We offer clamping options for European, Wila/Trumpf style tools, American style and more.
Mounting: Our many mounting options allow for installation into virtually any press brake.
Clamp actuation: Choose from lever, set screws, clamp plates, manual push button, or wireless/wired remote.



Ordering Information	4
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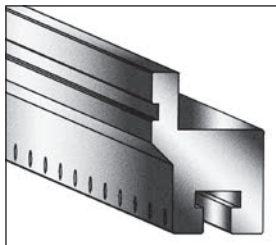
POWER CLAMPING

ExpressRail for Wila/Trumpf Style Tooling . . .	5-7
ExpressRail for American Style Tooling	8-10
PowerExpress for American Style Tooling . .	11-13



QUICK CHANGE MANUAL CLAMPING

European Style Tooling	14-15
Express Die Holder for Wila/Trumpf Style Tooling .	15
Express Die Holder for American Style Tooling	15
Interlocking Clamps.	16



STANDARD MANUAL CLAMPING

Wila/Trumpf Style Tooling	17-18
European Style Tooling	19-24
American Style Tooling	25-27
Express Clamp - Return on Investment	28

Terms and Conditions

ORDER Wilson Tool reserves the right to designate minimum order quantities and/or minimum handling charges for any products.

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.

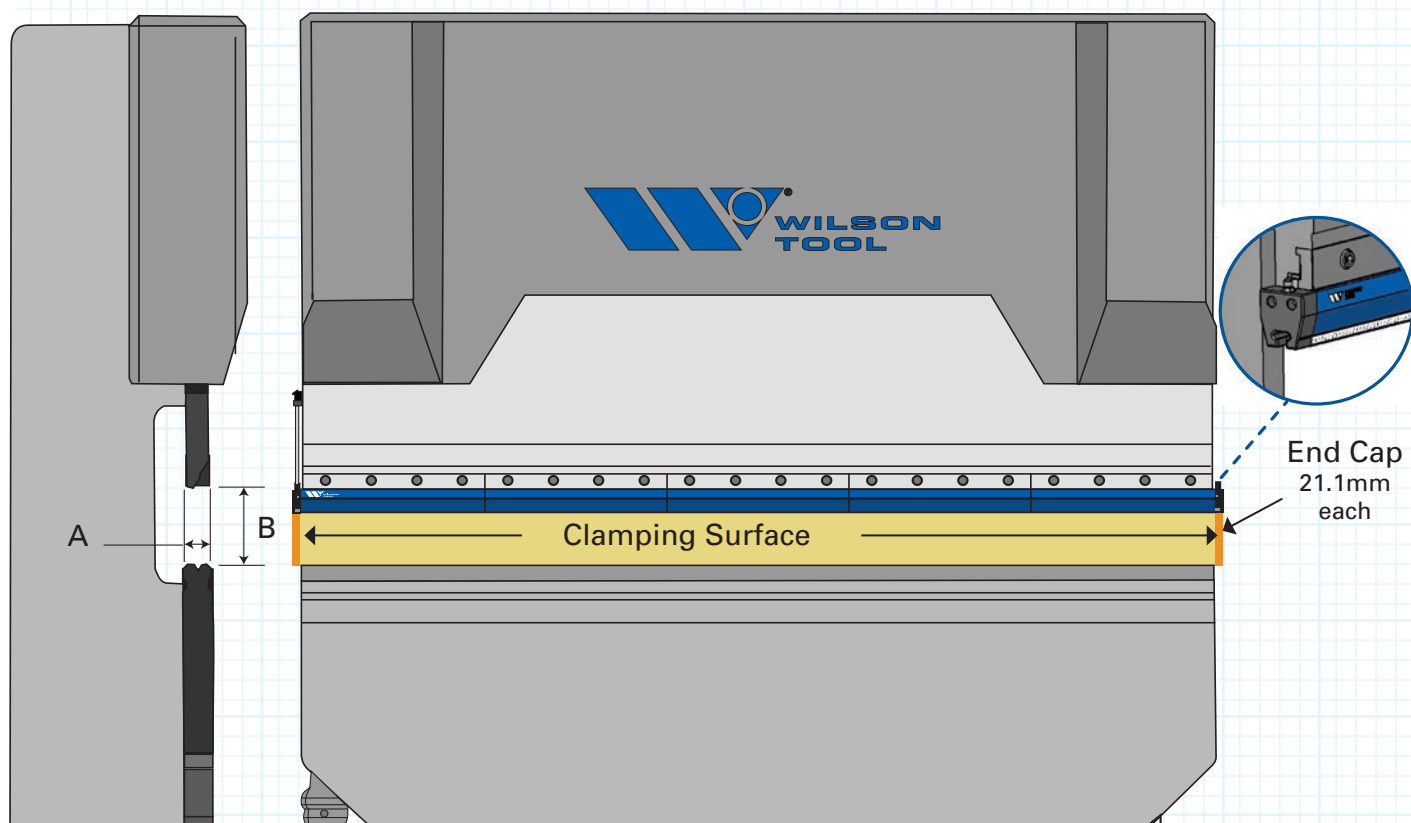
CANCELLATION In the event an order is cancelled, a charge will be made to cover labour, materials and overheads.

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 & OE. All prices are exclusive of VAT.

ORDERING SPECIFICATIONS



Beam Length Ordering

CLAMPING SURFACE	
END CAPS 2 X 21.1mm	42.2mm
TOTAL LENGTH	

Upper Beam Tool Clamping Style

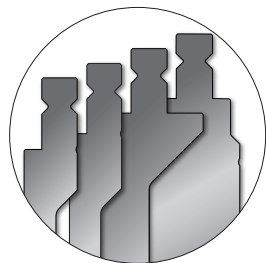
AMERICAN	Wila/Trumpf
EUROPEAN	OEM Bolt Pattern
OTHER (Specify)	

Press Brake Characteristics

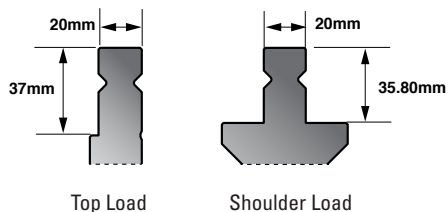
MAKE	
MODEL	
TONNAGE	
OPEN HEIGHT [B]	
WIDTH OF UPPER BEAM [A]	
STROKE	

Lower Beam Configuration

AMERICAN	Wila/Trumpf
EUROPEAN	OEM Bolt Pattern
OTHER (Specify)	
WIDTH OF BEAM:	
WITH A GROOVE - OR FLAT? OR BOTH?	
If a Die Holder is needed:	
HEIGHT OF DIE HOLDER:	
DIE MOUNTING DETAIL:	



Compatible with Wila® New Standard, Trumpf®, LVD and similar style 20 mm tang tooling.



Key Features

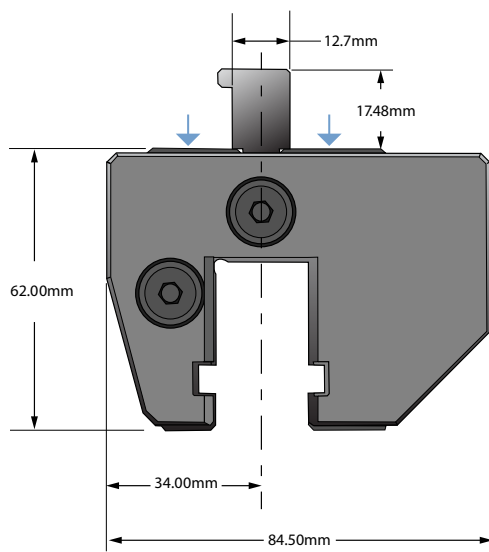
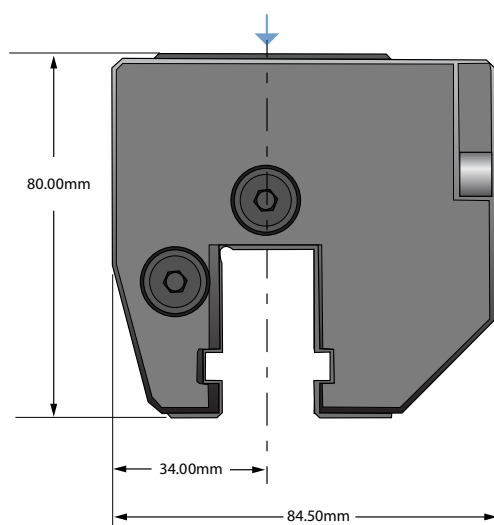
- Hydraulically clamps and seats Wilson Wila/Trumpf style tooling
- Hydraulically clamps Wilson Wila/Trumpf style and all other similar tang punches 20mm wide
- Clamps tool segments as small as 10mm
- Low profile to maximize open height
- Nitrex surface enhancement = surface hardness of 70 HRC

Specifications

- Operating pressure: 31-52 Bar
- Flow Range 5.7-8.3 l/min
- Maximum Tool Lifting Weight per foot is 91 kg

NOTE:

Lengths = Actual clamping surface. Not overall length.



HCS-W Upper Clamp

Length	CAT. No	Mounting Style	Universal Bolt Pattern
1190 mm	632C1190	Working Height	80mm
1219 / 4 ft	632C48		
1530 mm	632C1530		
1829 / 6 ft	632C72	Max. Shoulder Load	70 T/ft 209 T/metre 2043 kN/metre
1785 mm	632C1785		
2040 mm	632C2040		
2438 / 8 ft	632C96	This model is designed for OEM factory installation on new machines.	
2380 mm	632C2380		
2550 mm	632C2550		
3048 / 10 ft	632C120	Power pack may be required.	
3060 mm	632C3060		
3658 / 12 ft	632C144		
3655 mm	632C3655	Call your OEM for pricing.	
4080 mm	632C4080		
4267 / 14 ft	632C168		
4250 mm	632C4250	Additional lengths available upon request.	

ExpressRail Upper Clamp

Length	CAT. No	Mounting Style	American Tang
1190 mm	635C1190	Working Height	62mm
1219 / 4 ft	635C48		
1530 mm	635C1530		
1829 / 6 ft	635C72	Max. Shoulder Load	80 T/ft 238 T/metre 2335 kN/metre
1785 mm	635C1785		
2040 mm	635C2040		
2438 / 8 ft	635C96	Max. Top Load	70 T/ft 209 T/metre 2043 kN/metre
2380 mm	635C2380		
2550 mm	635C2550		
3048 / 10 ft	635C120	Design allows for installation in the field. Additional lengths available upon request.	
3060 mm	635C3060		
3658 / 12 ft	635C144		
3655 mm	635C3655		
4080 mm	635C4080		
4267 / 14 ft	635C168		
4250 mm	535C4250		

↓ Indicates where tonnage is applied.

UK

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Ireland

Tel: (free) 1-800 709 009

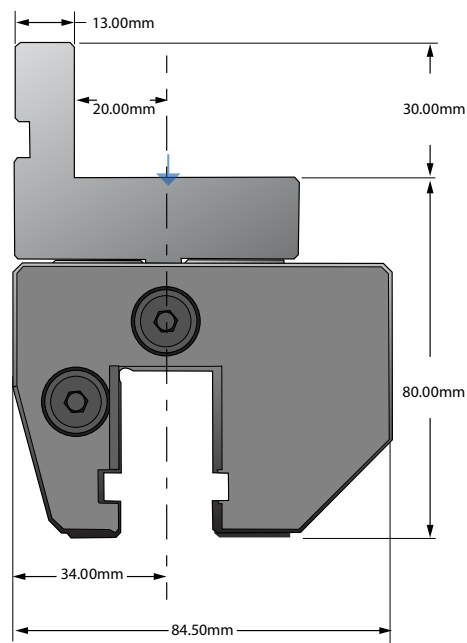
Fax: (free) 1-800 535 538

pb.sales@wilsontool.eu.com



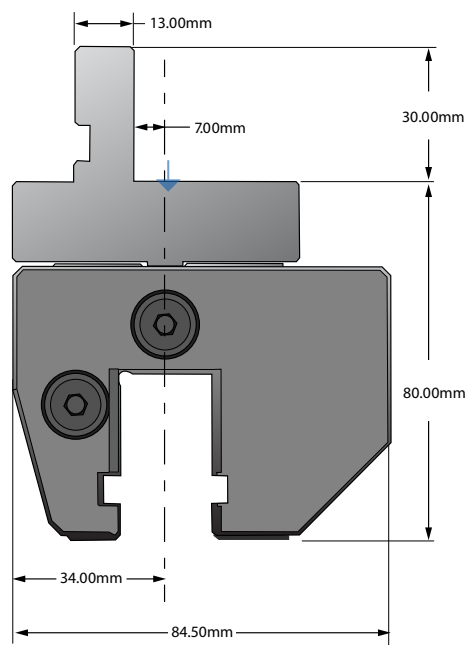
ExpressRail Upper Clamp

Length	CAT. No	Mounting Style	Z2 Tang
1190 mm	635C1190		
1219 / 4 ft	635C48	Working Height	80mm
1530 mm	635C1530		
1829 / 6 ft	635C72	Max. Shoulder Load	80 T/ft 238 T/metre 2335 kN/metre
1785 mm	635C1785		
2040 mm	635C2040		
2438 / 8 ft	635C96	Max. Top Load	70 T/ft 209 T/metre 2043 kN/metre
2380 mm	635C2380		
2550 mm	635C2550		
3048 / 10 ft	635C120	Design allows for installation in the field. Additional lengths available upon request.	
3060 mm	635C3060		
3658 / 12 ft	635C144		
3655 mm	635C3655		
4080 mm	635C4080		
4267 / 14 ft	635C168		
4250 mm	535C4250		

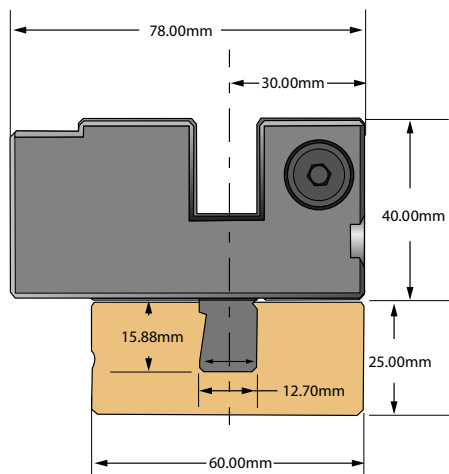
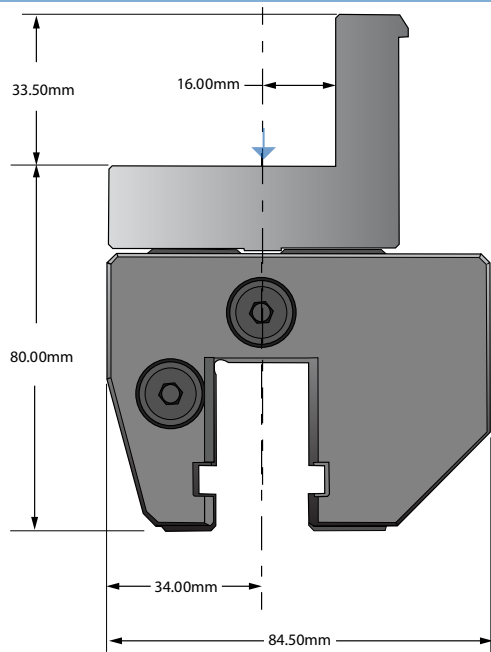


ExpressRail Upper Clamp

Length	CAT. No	Mounting Style	Z1 Tang
1190 mm	635C1190		
1219 / 4 ft	635C48	Working Height	80mm
1530 mm	635C1530		
1829 / 6 ft	635C72	Max. Shoulder Load	80 T/ft 238 T/metre 2335 kN/metre
1785 mm	635C1785		
2040 mm	635C2040		
2438 / 8 ft	635C96	Max. Top Load	70 T/ft 209 T/metre 2043 kN/metre
2380 mm	635C2380		
2550 mm	635C2550		
3048 / 10 ft	635C120	Design allows for installation in the field. Additional lengths available upon request.	
3060 mm	635C3060		
3658 / 12 ft	635C144		
3655 mm	635C3655		
4080 mm	635C4080		
4267 / 14 ft	635C168		
4250 mm	535C4250		



↓ Indicates where tonnage is applied.



Shown with an optional 60mm base.
90mm base available upon request

ExpressRail Upper Clamp

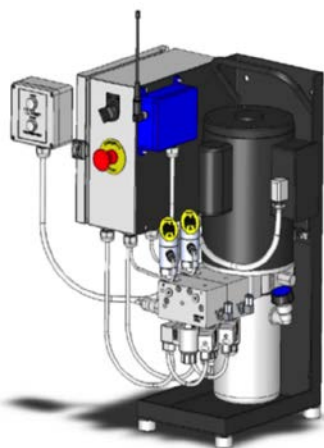
Length	CAT. No	Mounting Style	Trumpf® C-Series Tang
1190 mm	635C1190	Working Height	80mm
1219 / 4 ft	635C48		
1530 mm	635C1530		
1829 / 6 ft	635C72	Max. Shoulder Load	80 T/ft 238 T/metre 2335 kN/metre
1785 mm	635C1785	Max. Top Load	70 T/ft 209 T/metre 2043 kN/metre
2040 mm	635C2040		
2438 / 8 ft	635C96		
2380 mm	635C2380	Design allows for installation in the field. Additional lengths available upon request.	
2550 mm	635C2550		
3048 / 10 ft	635C120		
3060 mm	635C3060		
3658 / 12 ft	635C144		
3655 mm	635C3655		
4080 mm	635C4080		
4267 / 14 ft	635C168		
4250 mm	535C4250		

↓ Indicates where tonnage is applied.

ExpressRail Lower Clamp - Configurable

Length	CAT. No	Mounting Style	Available in American, Trumpf, 60mm, and 90mm tang styles
1190 mm	634C1190	Working Height	40mm
1219 / 4 ft	634C48		
1530 mm	634C1530		
1829 / 6 ft	634C72	Max. Shoulder Load	70 T/ft 209 T/metre 2043 kN/
1785 mm	634C1785		
2040 mm	634C2040		
2438 / 8 ft	634C96	Design allows for installation in the field. Additional lengths available upon request.	
2380 mm	634C2380		
2550 mm	634C2550		
3048 / 10 ft	634C120		
3060 mm	634C3060		
3658 / 12 ft	634C144		
3655 mm	634C3655		
4080 mm	634C4080		
4267 / 14 ft	634C168		
4250 mm	634C4250		

POWER CLAMPING



Power pack is available in Single Manifold for one clamping system or Dual Mode to operate upper and lower clamping systems independently.

Hydraulic Power Pack

Description	CAT. No.	Operating Pressure	35-52 bar
110V Single Mode	972879	Flow Rate	7.21"/min
110V Dual Mode	972879-2		
220V Single Mode	980076	*Supplied without a lead wire/power cord. Requires an electrician for wiring	
220V Dual Mode	980076-2		
* 480V Single Mode	974186		
* 480V Dual Mode	974186-2		
Wireless Control	972849		
Manifold (Upgrade Single to Double)	974187		

Key Features

- Hydraulically clamps American G series or straight tang punch
- Self-seats American G series style tooling
- Hydraulically clamps American V-dies
- Clamps tool segments as small as .500"/12.7mm
- Low Profile to maximize open height
- Nitrex surface enhancement = surface hardness of 70 HRC
- Wireless control
- Hydraulic power pack with multiple voltage options

Specifications

- Operating pressure: 450-750 PSI [31-52 Bar]
- Flow Range 1.5-2.2 GPM [5.7-8.3 l/min]
- Maximum tool lifting weight per foot is 200 lbs/91 kg

NOTE:

Punches must have safety tangs.
(Safety tab kits available)



Lengths = Actual clamping surface. Not overall length.

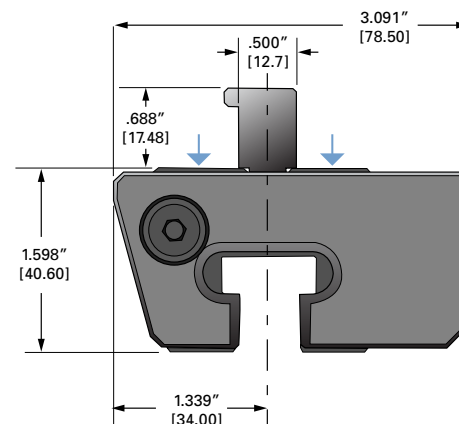
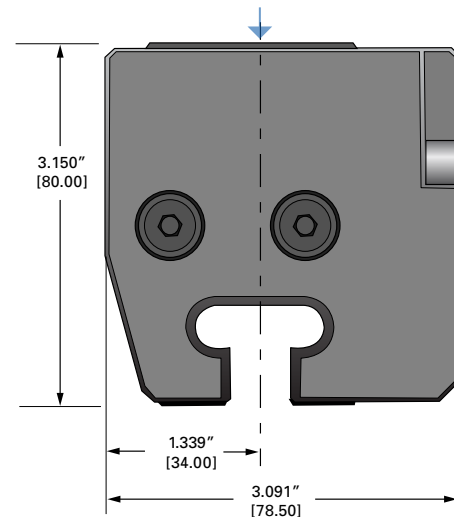
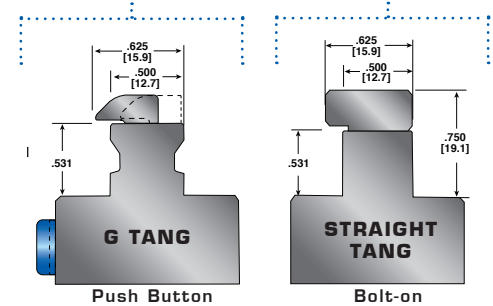
HCS-A Upper Clamp			
Length	CAT. No	Mounting Style	Universal Bolt Pattern
1190 mm	532C1190	Working Height	3.15" [80mm]
48 inches	532C48		
1530 mm	532C1530		
72 inches	532C72	Max. Shoulder Load	70 T/ft 209 T/metre 2043 kN/metre
1785 mm	532C1785		
2040 mm	532C2040		
96 inches	532C96	This model is designed for OEM factory installation on new machines.	
2380 mm	532C2380		
2550 mm	532C2550		
120 inches	532C120	Power pack may be required.	
3060 mm	532C3060		
144 inches	532C144	Call your OEM for pricing.	
3655 mm	532C3655		
4080 mm	532C4080		
168 inches	532C168	Additional lengths available upon request.	
4250 mm	532C4250		

ExpressRail Upper Clamp			
Length	CAT. No	Mounting Style	American Tang
1190 mm	535C1190	Working Height	1.598" [40.6mm]
48" / 4 ft	535C48		
1530 mm	535C1530		
72" / 6 ft	535C72	Max. Shoulder Load	70 T/ft 209 T/metre 2043 kN/metre
1785 mm	535C1785		
2040 mm	535C2040		
96" / 8 ft	535C96	Design allows for easy and fast installation in the field.	
2380 mm	535C2380		
2550 mm	535C2550		
120" / 10 ft	535C120		
3060 mm	535C3060		
144" / 12 ft	535C144		
3655 mm	535C3655		
4080 mm	535C4080		
168" / 14 ft	535C168		
4250 mm	535C4250		
		Additional lengths available upon request.	

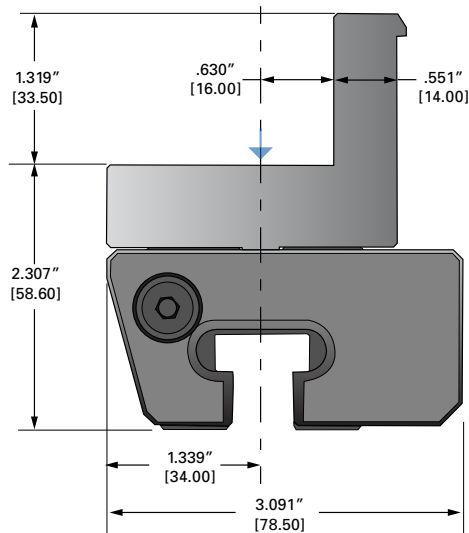
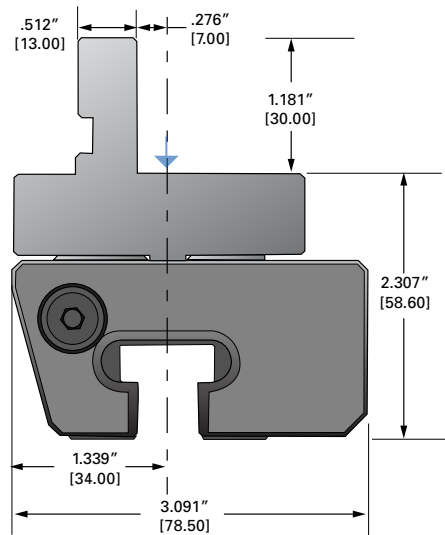
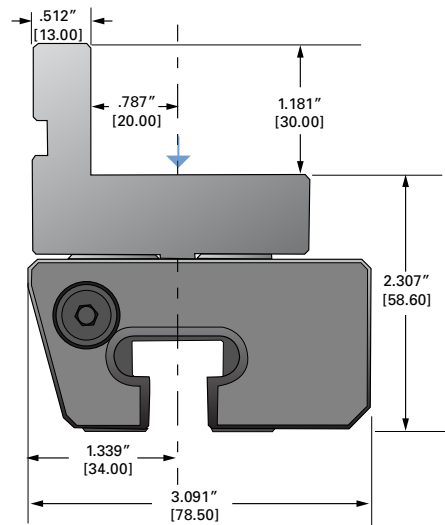


Seats & Clamps

Clamps



↓ Indicates where tonnage is applied.



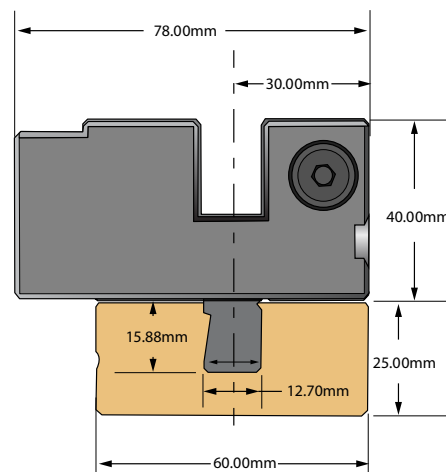
ExpressRail Upper Clamp			
Length	CAT. No	Mounting Style	Z2 Tang
1190 mm	535C1190	Working Height	2.307" [58.6mm]
48" / 4 ft	535C48		
1530 mm	535C1530		
72" / 6 ft	535C72	Max. Shoulder Load	70 T/ft 209 T/metre 2043 kN/metre
1785 mm	535C1785		
2040 mm	535C2040		
96" / 8 ft	535C96	Design allows for easy and fast installation in the field.	Additional lengths available upon request.
2380 mm	535C2380		
2550 mm	535C2550		
120" / 10 ft	535C120		
3060 mm	535C3060		
144" / 12 ft	535C144		
3655 mm	535C3655		
4080 mm	535C4080		
168" / 14 ft	535C168		
4250 mm	535C4250		

ExpressRail Upper Clamp			
Length	CAT. No	Mounting Style	Z1 Tang
1190 mm	535C1190	Working Height	2.307" [58.6mm]
48" / 4 ft	535C48		
1530 mm	535C1530		
72" / 6 ft	535C72	Max. Shoulder Load	70 T/ft 209 T/metre 2043 kN/metre
1785 mm	535C1785		
2040 mm	535C2040		
96" / 8 ft	535C96	Design allows for easy and fast installation in the field.	Additional lengths available upon request.
2380 mm	535C2380		
2550 mm	535C2550		
120" / 10 ft	535C120		
3060 mm	535C3060		
144" / 12 ft	535C144		
3655 mm	535C3655		
4080 mm	535C4080		
168" / 14 ft	535C168		
4250 mm	535C4250		

ExpressRail Upper Clamp			
Length	CAT. No	Mounting Style	Trumpf® C-Series Tang
1190 mm	535C1190	Working Height	2.307" [58.6mm]
48" / 4 ft	535C48		
1530 mm	535C1530		
72" / 6 ft	535C72	Max. Shoulder Load	70 T/ft 209 T/metre 2043 kN/metre
1785 mm	535C1785		
2040 mm	535C2040		
96" / 8 ft	535C96	Design allows for easy and fast installation in the field.	Additional lengths available upon request.
2380 mm	535C2380		
2550 mm	535C2550		
120" / 10 ft	535C120		
3060 mm	535C3060		
144" / 12 ft	535C144		
3655 mm	535C3655		
4080 mm	535C4080		
168" / 14 ft	535C168		
4250 mm	535C4250		

↓ Indicates where tonnage is applied.

ExpressRail Lower Clamp - Configurable			
Length	CAT. No	Mounting Style	Available in American, Trumpf®, 60mm, and 90mm tang styles
1190 mm	534C1190		
48" / 4 ft	534C48		
1530 mm	534C1530	Working Height	1.575" [40mm]
72" / 6 ft	534C72		
1785 mm	534C1785		
2040 mm	534C2040	Max. Shoulder Load	70 T/ft 209 T/metre 2043 kN/metre
96" / 8 ft	534C96		
2380 mm	534C2380		
2550 mm	534C2550	Design allows for installation in the field.	
120" / 10 ft	534C120		
3060 mm	534C3060		
144" / 12 ft	534C144	Additional lengths available upon request.	
3655 mm	534C3655		
4080 mm	534C4080		
168" / 14 ft	534C168		
4250 mm	534C4250		

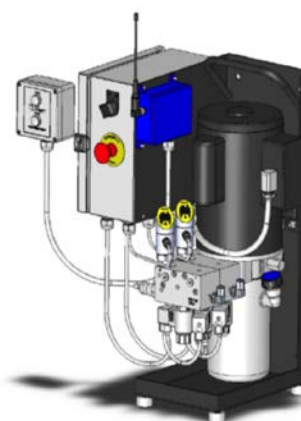


Shown with an optional 60mm base.

90mm base available upon request

Power pack is available in Single Manifold for one clamping system or Dual Mode to operate upper and lower clamping systems independently.

Hydraulic Power Pack			
Description	CAT. No.	Operating Pressure	500-700 PSI [35-52 bar]
110V Single Mode	972879	Flow Rate	1.9 GPM [7.21"/min]
110V Dual Mode	972879-2		
220V Single Mode	980076		
220V Dual Mode	980076-2		
* 480V Single Mode	974186		
* 480V Dual Mode	974186-2		
Wireless Control	972849		
Manifold (Upgrade Single to Double)	974187		
		Includes: Wireless Control Pendant 12 ft. / 3660 mm hose(s)	



* Supplied without a power cord and requires an electrician for wiring.

Key Features

- Hydraulically clamps and seats American straight tang punch
- Hydraulically clamps American dies
- Clamps tool segments as small as .500"/12.7mm
- Low profile to maximize open height
- Nitrex surface enhancement = surface hardness of 70 HRC

Specifications

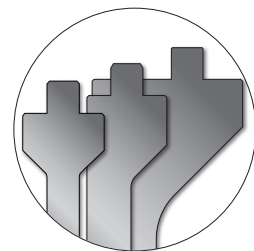
- Operating pressure: 2400-2800 PSI [165-193 Bar]
- Flow Range .375 GPM
- Maximum tool lifting weight per foot is 200 lbs/91 kg

NOTE:

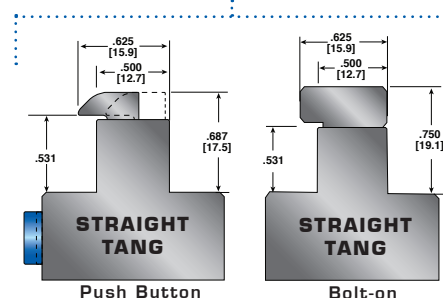
Punches must have safety tangs.
(Safety tab kits available)



Lengths = Actual clamping surface. Not overall length.



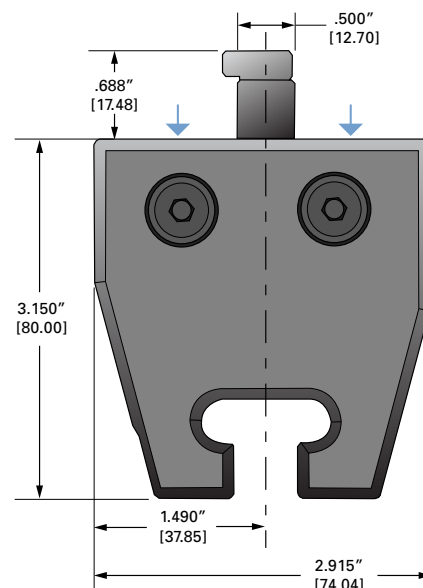
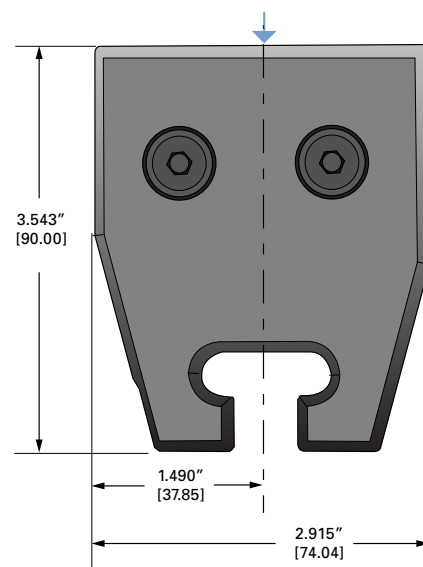
Seats & Clamps



PowerExpress-A Upper Clamp			
Length	CAT. No	Mounting Style	Bolt Fastened
1190 mm	530C1190	Working Height	3.15" [80mm]
48" / 4 ft	530C48		
1530 mm	530C1530	Max. Shoulder Load	70 T/ft 209 T/metre 2043 kN/metre
72" / 6 ft	530C72		
1785 mm	530C1785	This model is designed for OEM factory installation on new machines. Power pack may be required. Call your OEM for pricing.	
2040 mm	530C2040		
96" / 8 ft	530C96		
2380 mm	530C2380		
2550 mm	530C2550		
120" / 10 ft	530C120		
3060 mm	530C3060		
144" / 12 ft	530C144		
3655 mm	530C3655		
4080 mm	530C4080		
168" / 14 ft	530C168	Additional lengths available upon request.	
4250 mm	530C4250		

PowerExpress Upper Clamp			
Length	CAT. No	Mounting Style	American Tang
24" / 2 ft	530C24	Working Height	3.15" [80mm]
48" / 4 ft	530C48		
72" / 6 ft	530C72	Max. Shoulder Load	70 T/ft 209 T/metre 2043 kN/metre
96" / 8 ft	530C96		
120" / 10 ft	530C120	Design allows for installation in the field. Additional lengths available upon request.	
144" / 12 ft	530C144		
168" / 14 ft	530C168		

↓ Indicates where tonnage is applied.



POWER CLAMPING

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Ireland

Tel: (free) 1-800 709 009

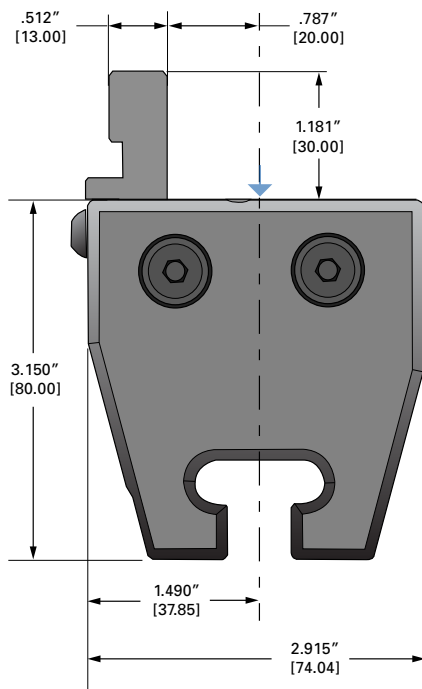
Fax: (free) 0800 012 1476
Fax: +44 (0) 1793 831 945

Fax: (free) 1-800 535 538

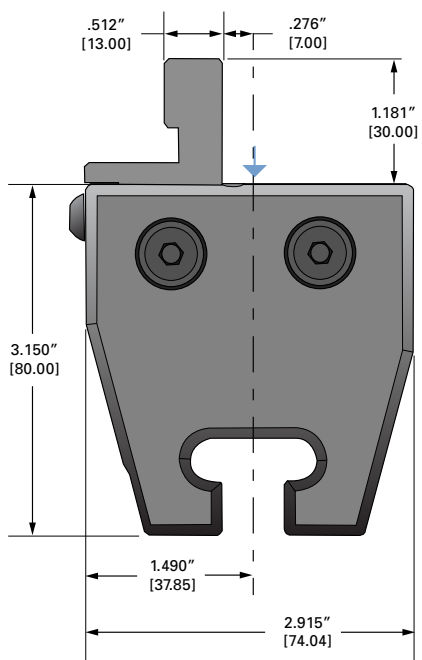
pb.sales@wilsontool.eu.com

pb.sales@wilsontool.eu.com





PowerExpress Upper Clamp			
Length	CAT. No	Mounting Style	Z2 Tang
24" / 2 ft	530C24	Working Height	3.15" [80mm]
48" / 4 ft	530C48		
72" / 6 ft	530C72		
96" / 8 ft	530C96	Max. Shoulder Load	70 T/ft 209 T/metre 2043 kN/metre
120" / 10 ft	530C120		
144" / 12 ft	530C144		
168" / 14 ft	530C168		
Design allows for installation in the field.			
Additional lengths available upon request.			



PowerExpress Upper Clamp				
Length	CAT. No	*Price	Mounting Style	Z1 Tang
24" / 2 ft	530C24		Working Height	3.15" [80mm]
48" / 4 ft	530C48			
72" / 6 ft	530C72			
96" / 8 ft	530C96		Max. Shoulder Load	70 T/ft 209 T/meter 2043 kN/meter
120" / 10 ft	530C120			
144" / 12 ft	530C144			
168" / 14 ft	530C168			
Design allows for installation in the field.				
Additional lengths available upon request.				
*Price does not include power pack.				

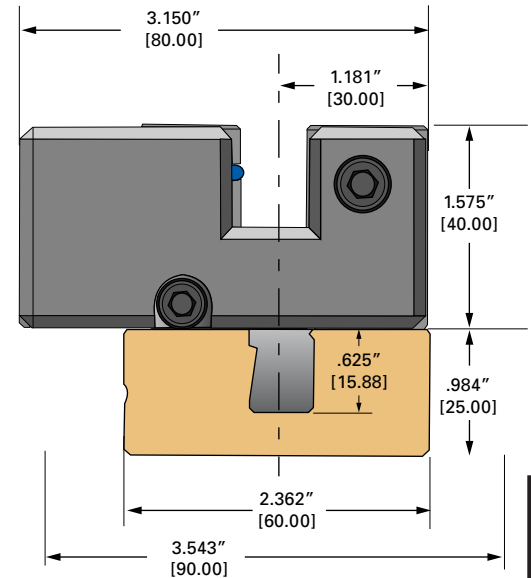
↓ Indicates where tonnage is applied.

PowerExpress Lower Clamp

Length	CAT. No	Mounting Style	Available in American, Trumpf, 60mm, and 90mm tang styles
2 Ft	54000-2	Working Height	1.575" [40mm]
4 Ft	54000-4		
6 Ft	54000-6		
8 Ft	54000-8	Max. Shoulder Load	90 T/ft 270 T/metre 2627 kN/metre
10 Ft	54000-10		
12 Ft	54000-12		
14 Ft	54000-14		

Design allows for installation in the field.

Additional lengths available upon request.



Shown with an optional 60mm base.

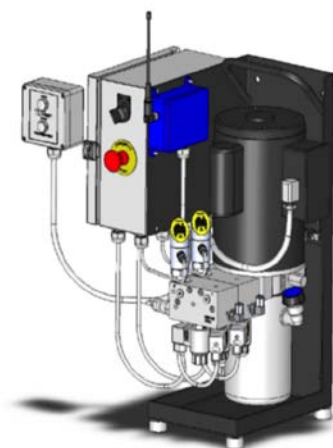
90mm base available upon request

POWER CLAMPING

Power pack is available in Single Manifold for one clamping system or Dual Mode to operate upper and lower clamping systems independently.

Hydraulic Power Pack

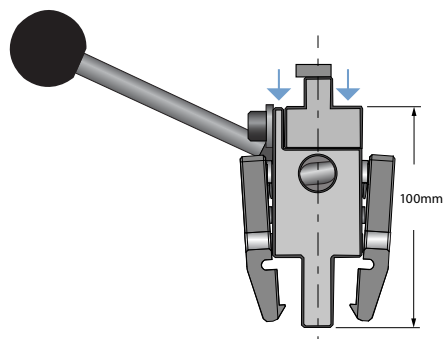
Description	CAT. No.	Operating Pressure	5000 PSI Max.
Single Mode	980108	Factory Set	2800 PSI
Dual Mode	972583-2		
Wireless Control	972849	Pressure Switch Set	2300 PSI
Manifold (Upgrade Single to Double)	974187		
Requires an electrician for wiring.		Flow Rate	.38 GPM [1.4/min]
		Flow	20in³/min
Includes: Wireless control pendant 12 ft. / 3660 mm hose(s)		Power Source	115VAC power supply 9.5 Amps
		Connections	JIC SAE 4



EUROPEAN STYLE TOOLING EXPRESS PUNCH CLAMP

Key Features of Express Clamps for Euro Style Tooling

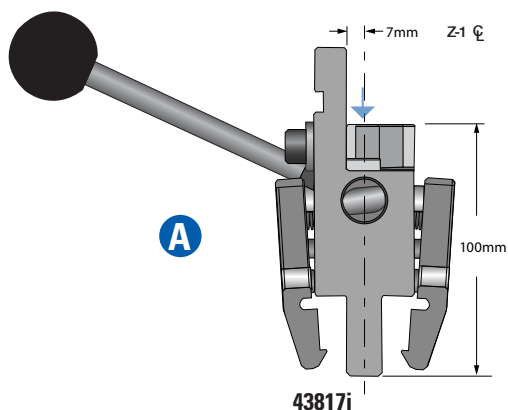
- Simple lever activation
- Front and rear clamping
- Nitrex surface enhancement = surface hardness of 70 HRC
- Available in multiple mounting styles (American, Z1, Z2, Trumpf)
- Wedge height adjustment



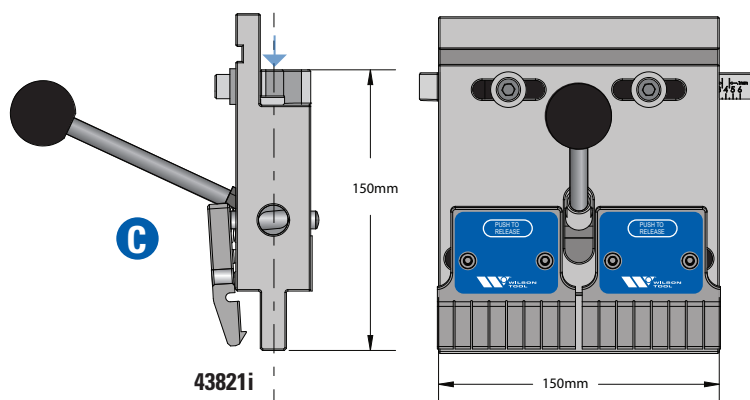
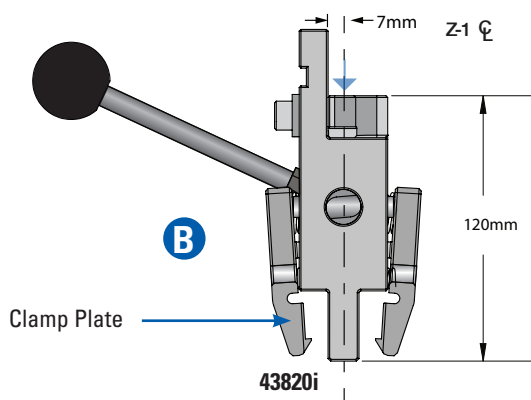
AMERICAN PRESS BRAKE WITH WEDGE

CAT. No.	DESCRIPTION
43815-2	2 Front Clamp Plates
43815	2 Front & 2 Back Clamp Plates

Use Euro Z1 Clamps when stacking



Z1 SERIES WITH WEDGE			
	CAT. No.	DESCRIPTION	Height (mm)
A	43817i-2	2 Front Clamp Plates	100
	43817i	2 Front & 2 Back Clamp Plates	100
B	43820i-2	2 Clamp Plates	120
	43820i	4 Clamp Plates	120
C	43821i-2	2 Clamp Plates	150
	43821i	4 Clamp Plates	150



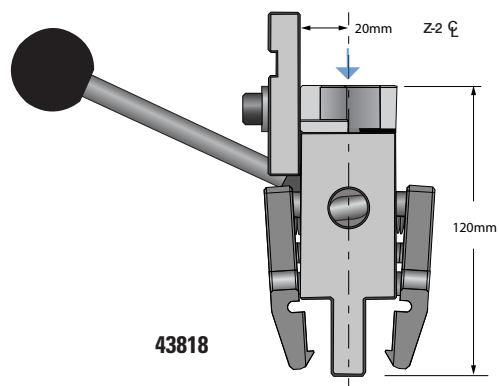
↓ Indicates where tonnage is applied.

Use Euro Z1 Clamps when stacking

EUROPEAN STYLE TOOLING EXPRESS PUNCH CLAMP

Z2 SERIES WITH WEDGE

CAT. No.	DESCRIPTION
43818i -2	2 Front Clamp Plates
43818i	2 Front & 2 Back Clamp Plates

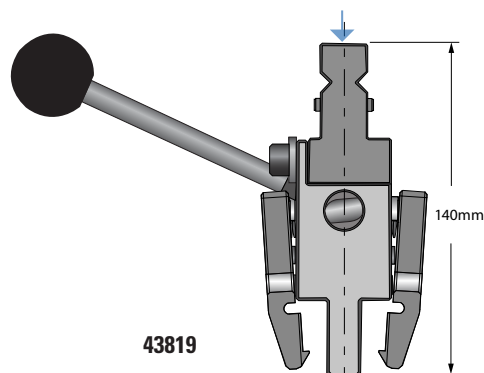


43818

Use Euro Z1 Clamps when stacking

TRUMPF PRESS BRAKE WITH WEDGE

CAT. No.	DESCRIPTION
43819-2	2 Front Clamp Plates
43819	2 Front & 2 Back Clamp Plates



43819

↓ Indicates where tonnage is applied.

Use Euro Z1 Clamps when stacking

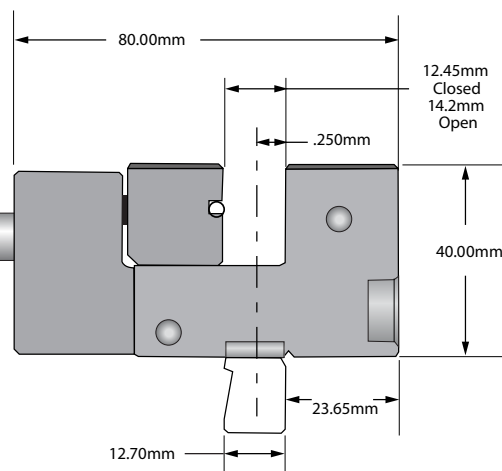
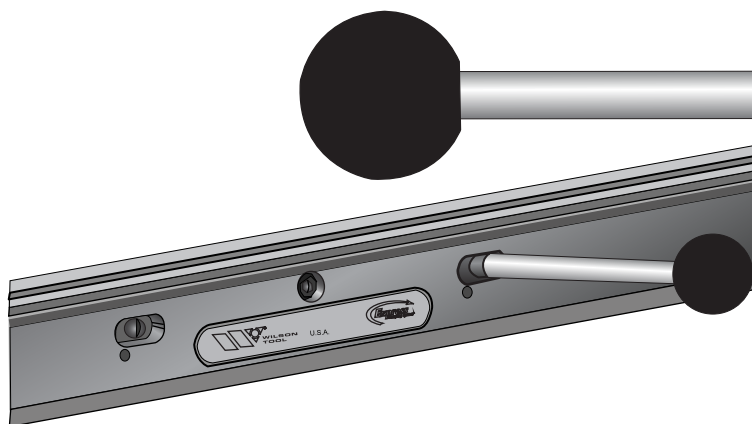
EXPRESS DIE HOLDER FOR AMERICAN AND WILA/TRUMPF STYLE TOOLING

EXPRESS DIE HOLDER

CAT. No.	LENGTH	Mounting Style	Available in
54100-2	610		American, Trumpp, 60mm, and 90mm tang styles
54100-4	1219		
54100-6	1829		
54100-8	2438	Working Height	40mm
54100-10	3048	Max. Shoulder Load	90 T/ft
54100-12	3658		270 T/meter
54100-14	4267		2627 kN/meter

Key Features of Express Die Holder

- Simple lever activation
- Nitrex surface enhancement = surface hardness of 70 HRC
- Available in multiple tang styles



UK

Tel: (free) 0800 012 1476
Tel: +44 (0) 1793 831 818

Ireland

Tel: (free) 1-800 709 009

Fax: (free) 0800 012 1476
Fax: +44 (0) 1793 831 945

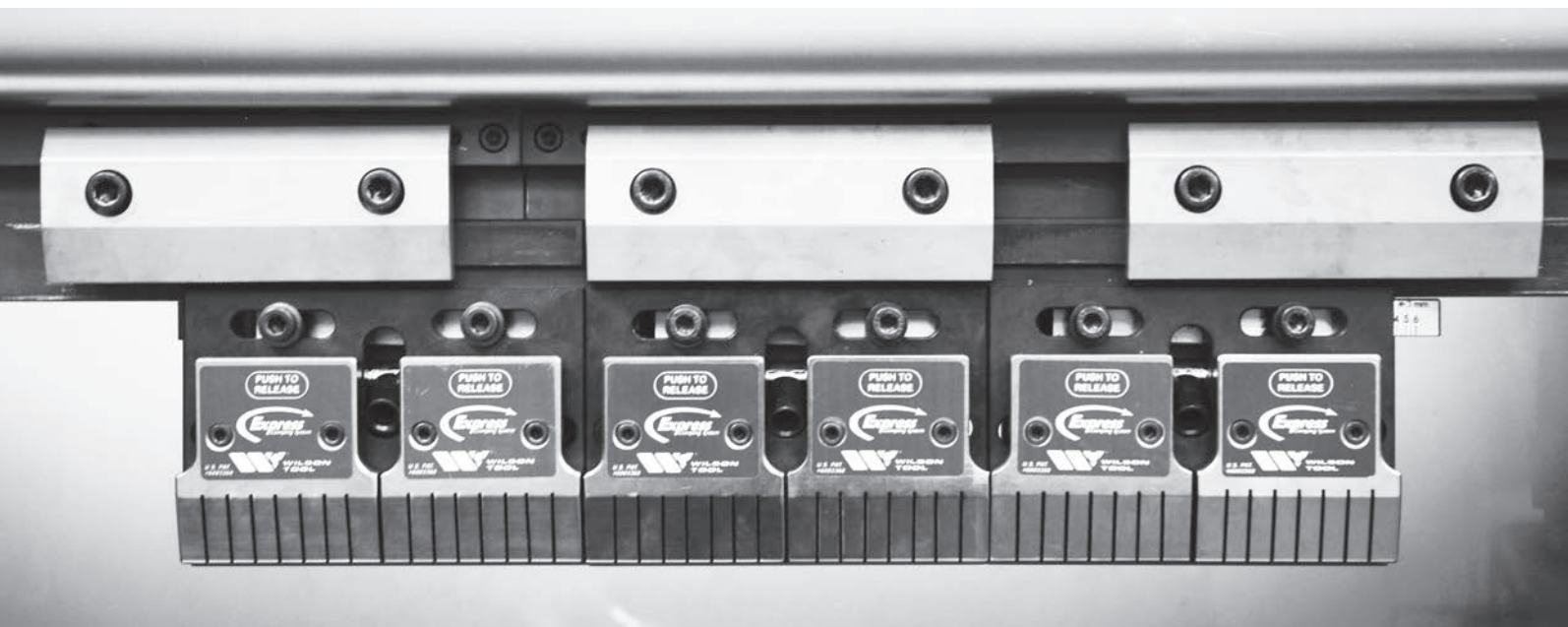
Fax: (free) 1-800 535 538

pb.sales@wilsontool.eu.com

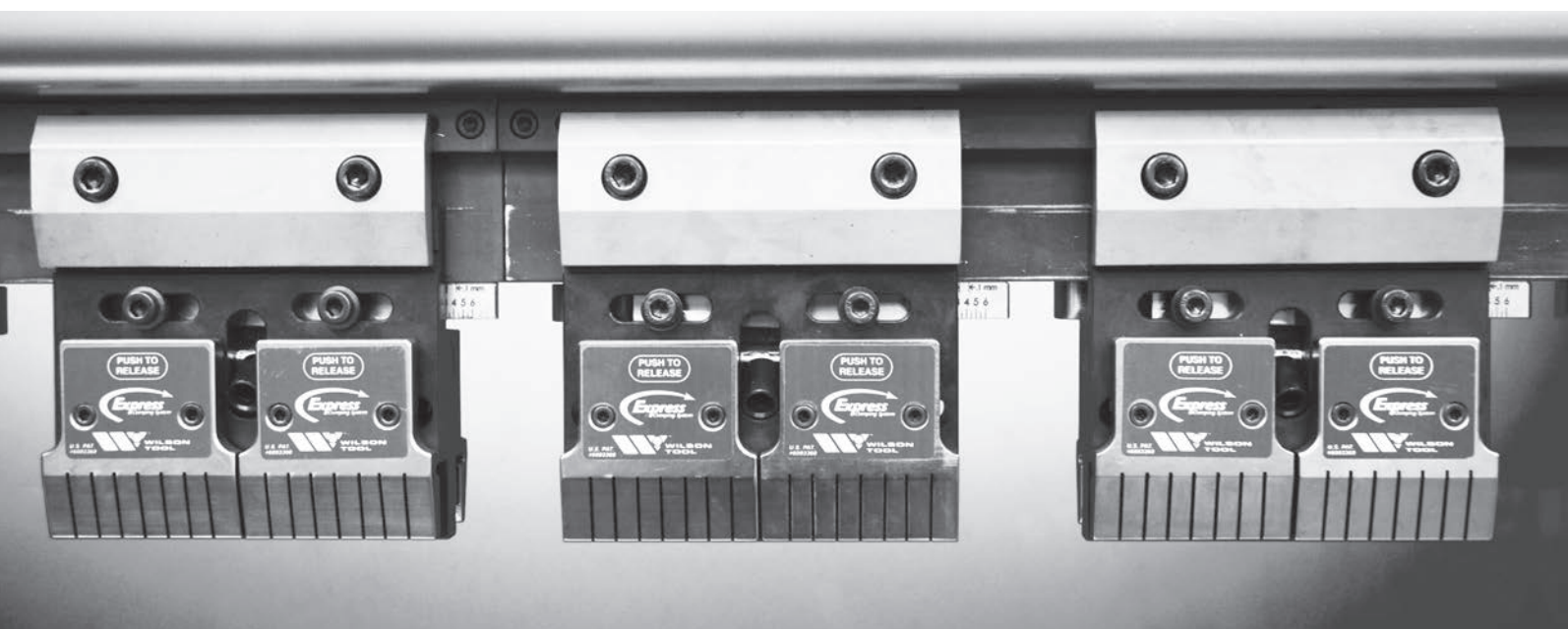
pb.sales@wilsontool.eu.com



Interlocking clamps as standard.



Gives much better support in higher tonnage applications.

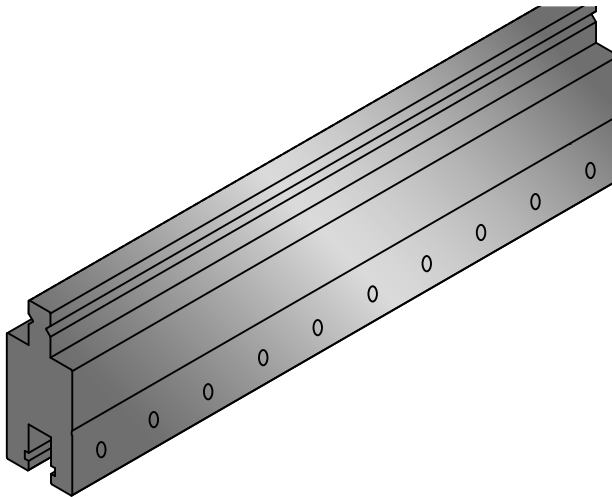
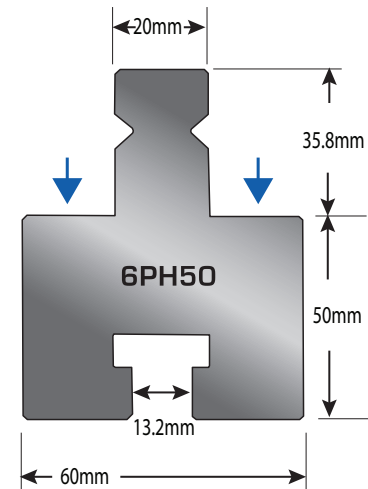


Normal positioning of clamps with 50mm gap.

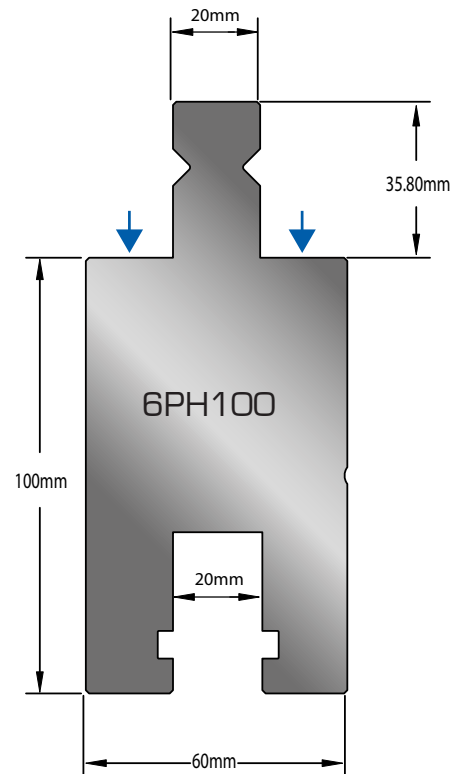
PUNCH HOLDER

WILA/TRUMPF TO AMERICAN PUNCH HOLDER							
Cat. No.	H Height mm	kN/m	Max Ton feet/meter	500 500mm	X Sectionalized 1050mm	X1 Sectionalized 500mm	X2 Sectionalized 550mm
6PH50	50	1900	60 / 197				

- Tonnage is based on direct load and does not apply for thrusting applications.

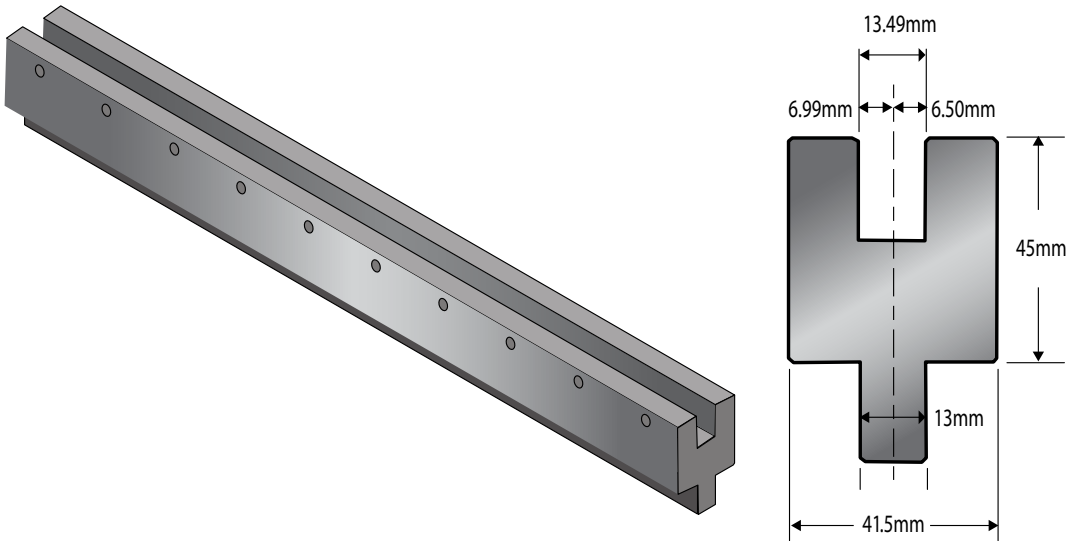


WT TO WT PUNCH HOLDER							
Cat. No.	H Height mm	kN/m	Max Ton feet / meter	500 500mm	X Sectionalized 1050mm	X1 Sectionalized 500mm	X2 Sectionalized 550mm
6PH100	100	2300	70 / 232				



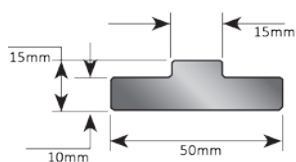
↓ Indicates where tonnage is applied.

WILA/TRUMPF TO WILA/TRUMPF STYLE TOOLING

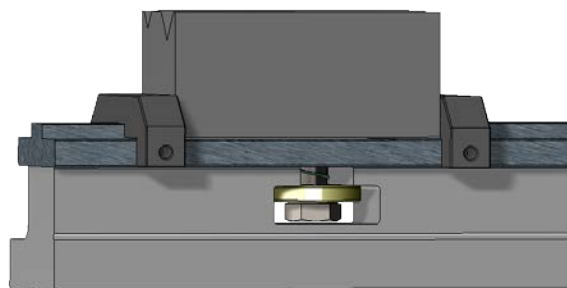


WT TO WT STYLE DIE HOLDER								
Cat. No.	Height	kN/m	Max Ton/Meter	Max Ton/Foot	500	X	X1	X2
6DH645	45	1700	175	52				

2V QUICK CHANGE RAIL



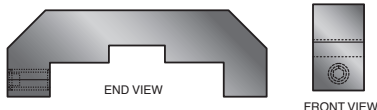
CAT. NO	L 835mm	S 415mm
42089 [28-32 HRc]		
42090 [48-54 HRc]		



Die, Rail, Holder and Rail Clamps

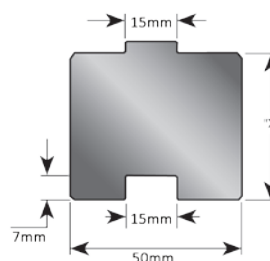
RAIL CLAMP

CAT. NO
43553



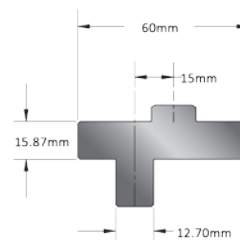
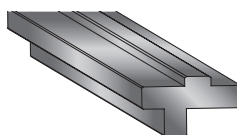
STACKING RAIL

CAT. NO	HEIGHT RANGE	L 835mm	S 415mm	X 835mm
42091	X= 14.6 - 31.75			
42092	X= 31.76 - 50.8			
42093	X= 50.81 - 69.85			

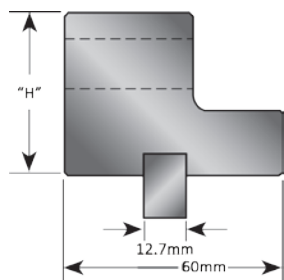


AMERICAN TO QUICK CHANGE RAIL ADAPTER FOR QUICK CHANGE 2V DIES

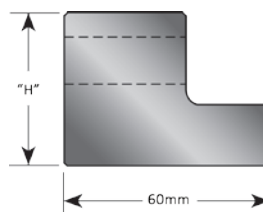
CAT. NO	Max Ton/ft	L 835mm	S 415mm
53090	30		



Other tangs are available



AMERICAN TO QUICK CHANGE HOLDER - other tangs are available



60mm TO QUICK CHANGE HOLDER

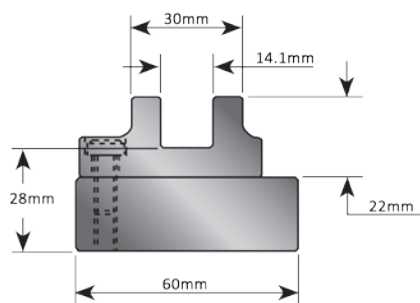
CAT. NO	H HEIGHT (mm)	L 835mm	S 415mm
43021 AT	39mm		
43022 AT	45mm		
43023 AT	75mm		

CAT. NO	H HEIGHT (mm)	L 835mm	S 415mm
43021	39mm		
43022	45mm		
43023	75mm		

STANDARD MANUAL CLAMPING EUROPEAN STYLE TOOLING

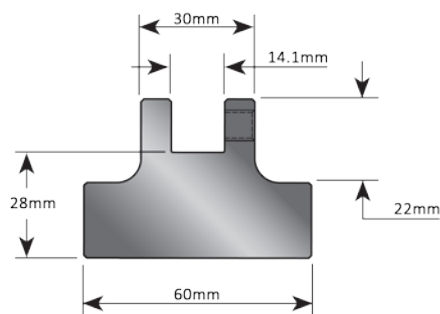
FOR 83.5MM HIGH QUICK CHANGE 1V DIES

TWO PIECE DESIGN
Through hard 28 - 32 HRC



(No Set Screw for Mounting)

ONE PIECE DESIGN
Nitrex 70 HRC



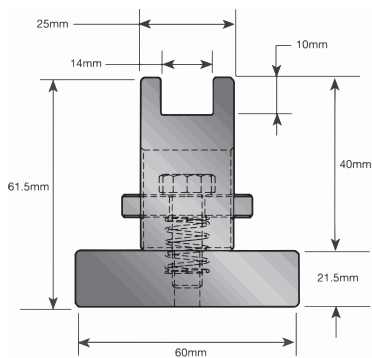
(With Set Screw for Mounting)

DESCRIPTION	CAT. NO	L 835mm	S 415mm
Two Piece	43030		
One Piece	43530		

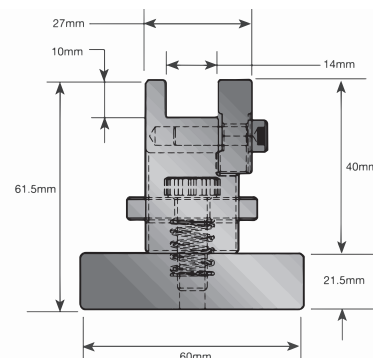
Note: Available with die tang.
Contact application sales desk for pricing and lead times.

FOR 60MM HIGH QUICK CHANGE 1V DIES

SINGLE DIES

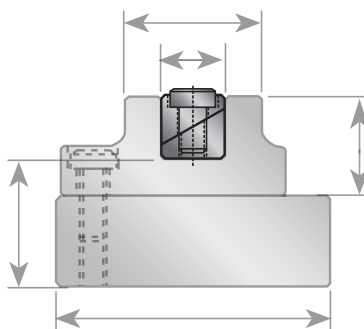
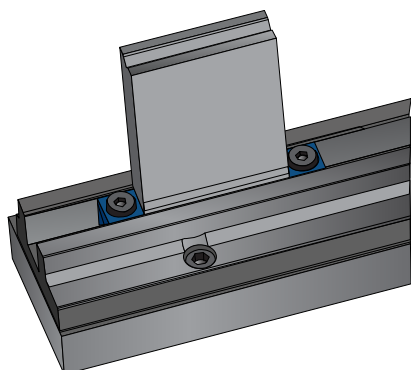


SECTIONALISED DIES



DESCRIPTION	CAT. NO	L 835mm	S 415mm
Single Dies	46220		
Sectionalised Dies	46221		

WEDGE BLOCK



TOP VIEW

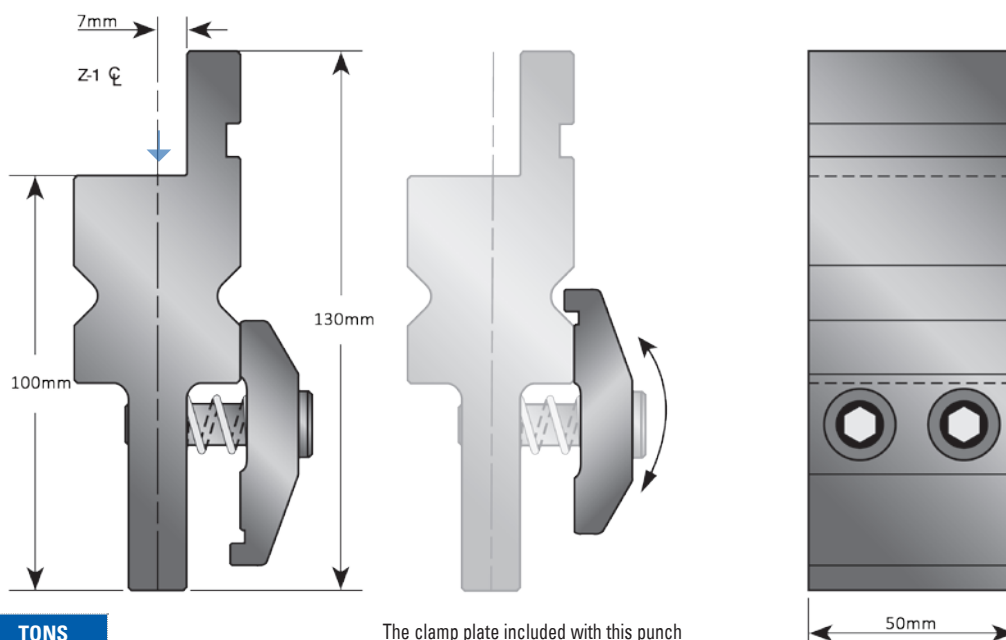


SIDE VIEW

CAT. NO

43559

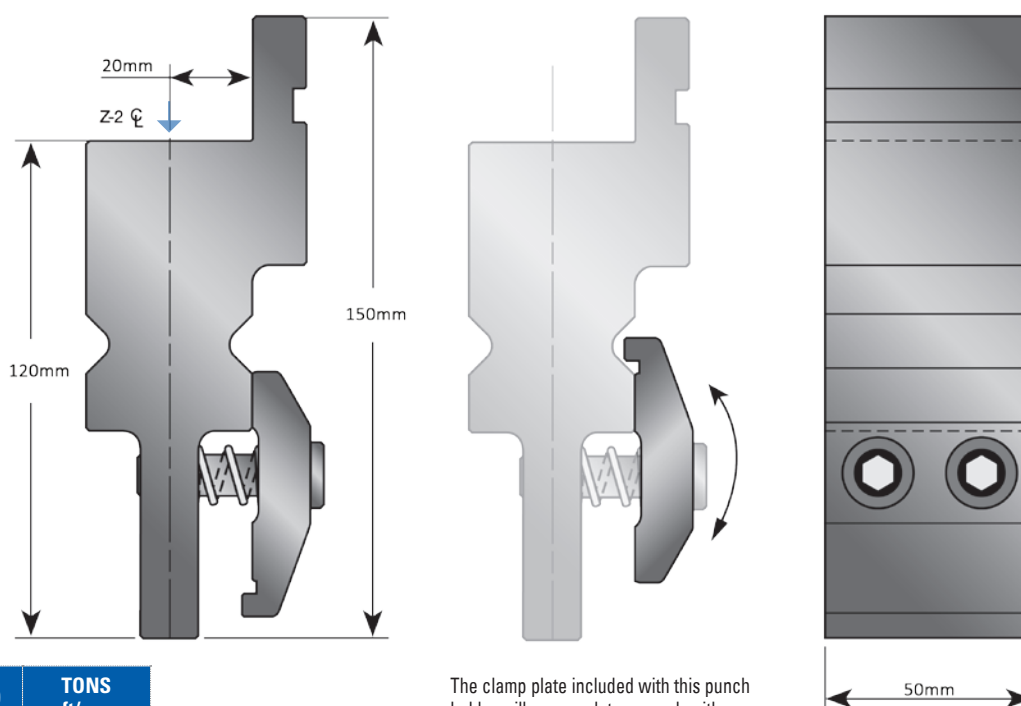
Z1 NARROW PUNCH HOLDER



CAT. NO	TONS ft/mm
43000	30 / 100

The clamp plate included with this punch holder will accommodate a punch with or without a safety groove.

Z2 NARROW PUNCH HOLDER

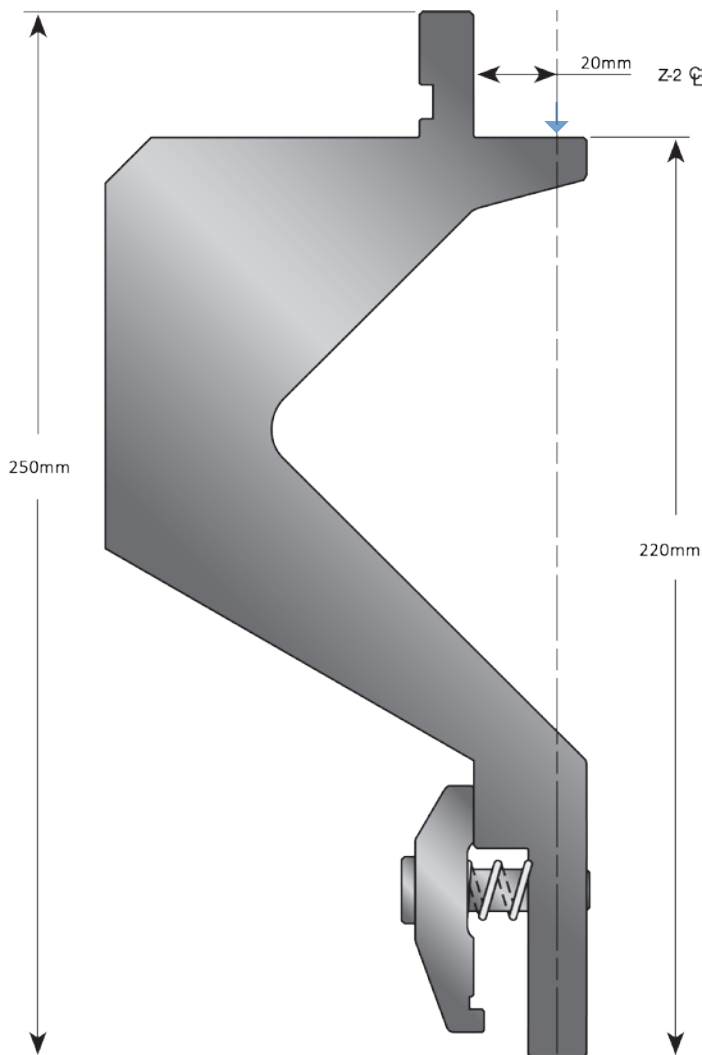


CAT. NO	TONS ft/mm
43001	30 / 100

The clamp plate included with this punch holder will accommodate a punch with or without a safety groove.

↓ Indicates where tonnage is applied.

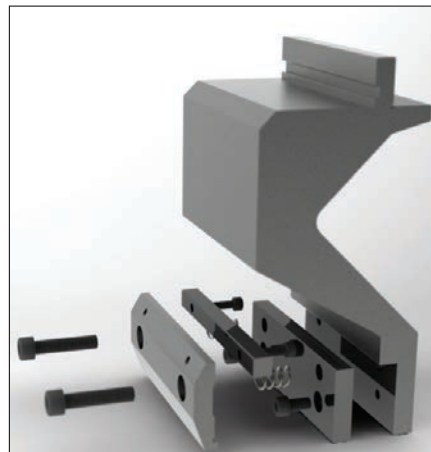
Z2 STYLE DEEP



43002 Z2 Punch Holder

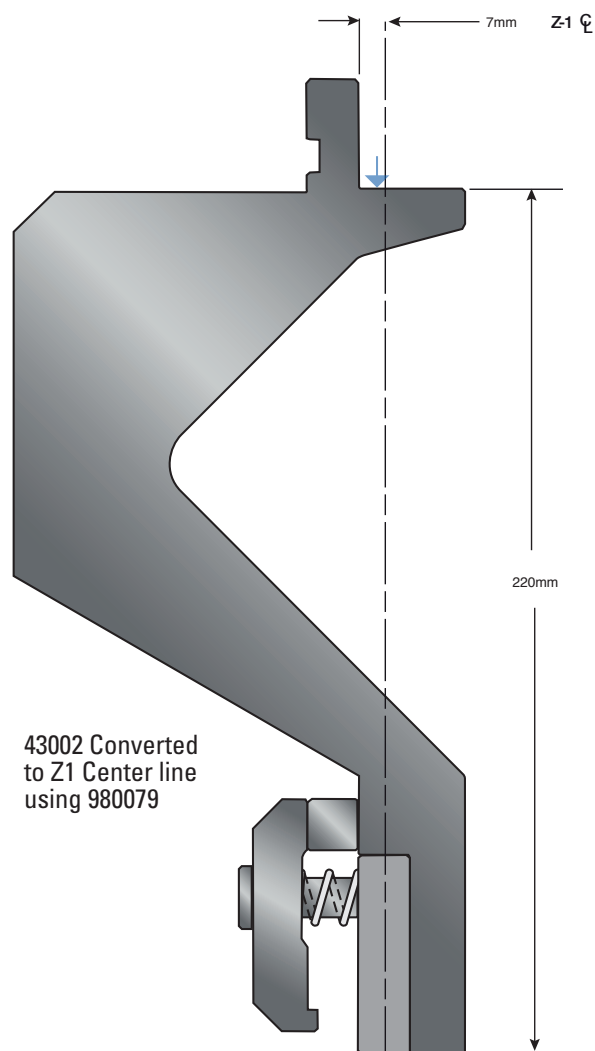
CAT. NO	MAX. TON FT/METRE	LENGTH
43002	15 / 50	150mm
980079	Z1 Conversion Kit	150mm

↓ Indicates where tonnage is applied.

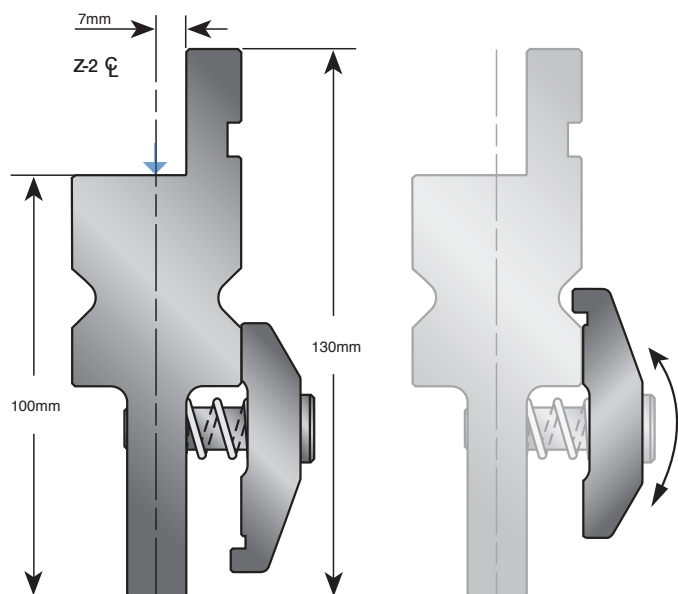


980079 Z1 Conversion Kit

Note: Punch holder #43002 is designed for Z2 style upper beams, but may be modified for a Z1 center by using Kit #980079.



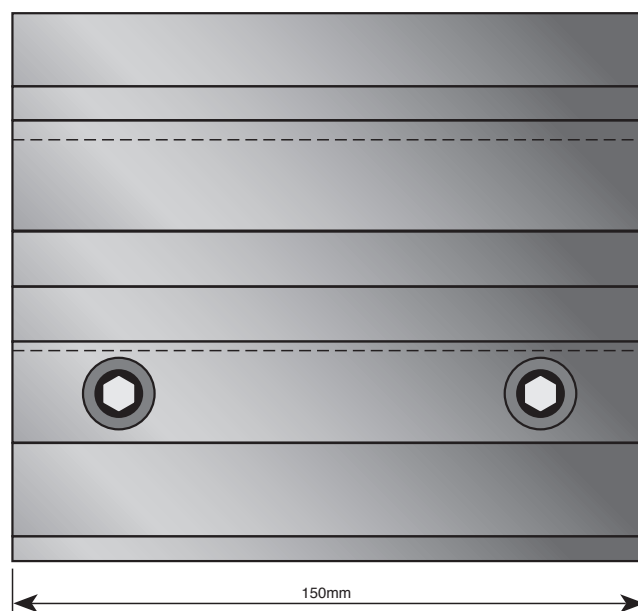
43002 Converted to Z1 Center line using 980079



The clamp plate included with this punch holder will accommodate a punch with or without a safety groove.

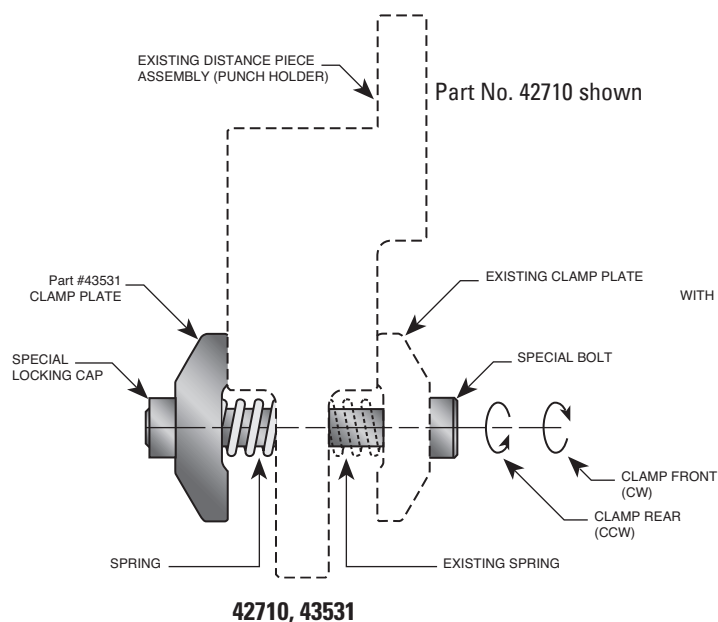
↓ Indicates where tonnage is applied.

EUROPEAN STACKING PUNCH HOLDER



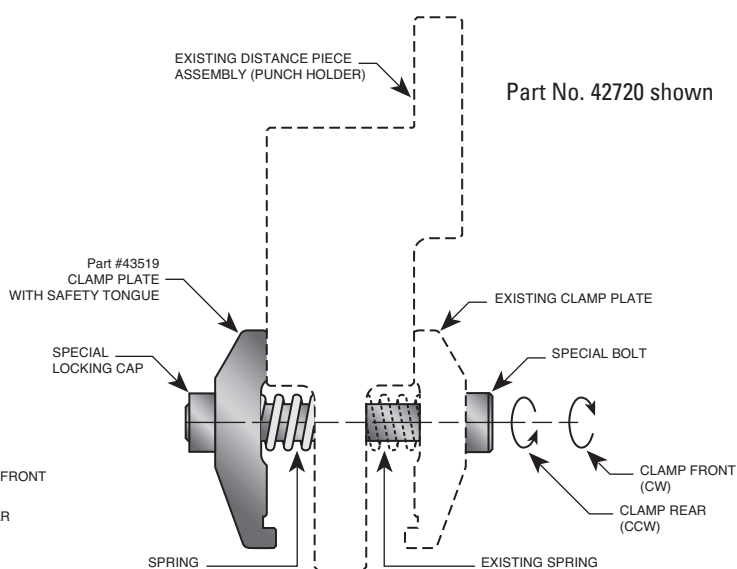
CAT. NO	FT / TON
43003	30 / 100

DUAL CLAMPING KIT



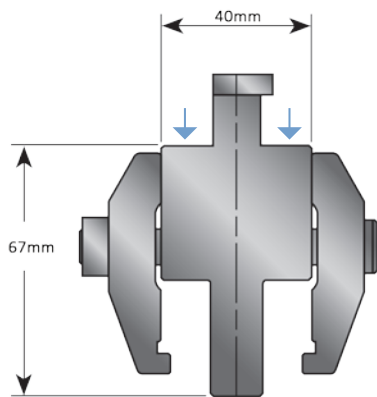
42710, 43531

CAT. NO	DESCRIPTION
42710	Flat Clamp Kit
43531	Flat Clamp Plate



42720, 43519

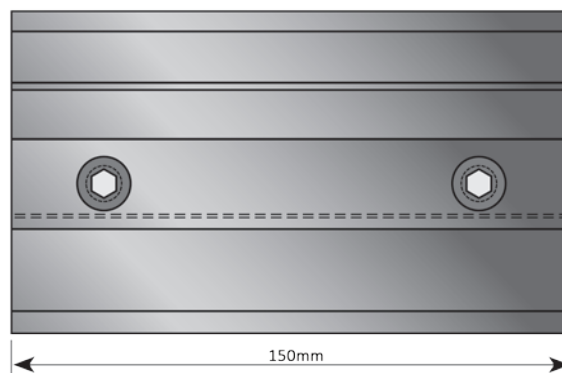
CAT. NO	DESCRIPTION
42720	Safety Clamp Kit
43519	Safety Clamp Plate



For Conventional Press Brakes without punch holder height adjustment.

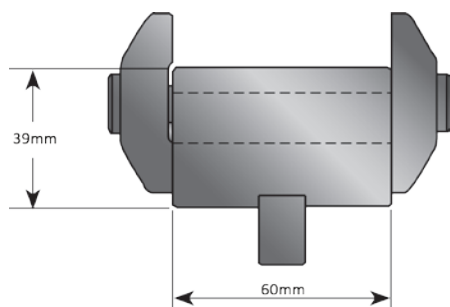
American to European Punch Adaptors Tonnage = 30/ft.

↓ Indicates where tonnage is applied.



AMERICAN TO EUROPEAN PUNCH HOLDER

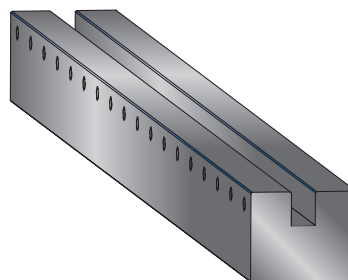
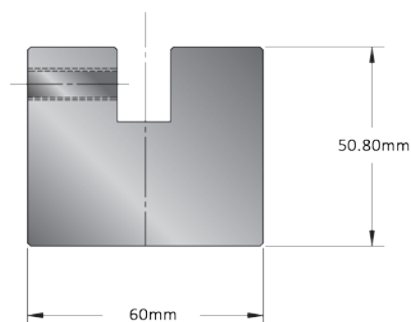
CAT. NO	DESCRIPTION	MAX TON	150mm
43004	American to European Punch Adapter	30/	✓



AMERICAN TO EUROPEAN DIE HOLDER

CAT. NO	DESCRIPTION	MAX TON/FT	L	S
43006	American to European Die Holder	40	✓	✓

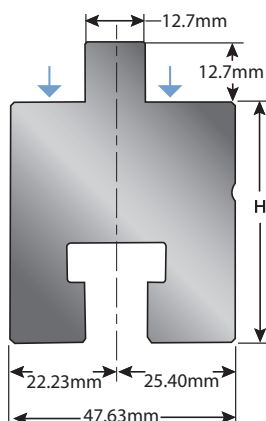
*Note: Please verify press brake tongue slot width when ordering.



EUROPEAN TO AMERICAN DIE HOLDER

CAT. NO	DESCRIPTION	MAX TON/FT	L	S
43590	European to American Die Holder	40	✓	✓

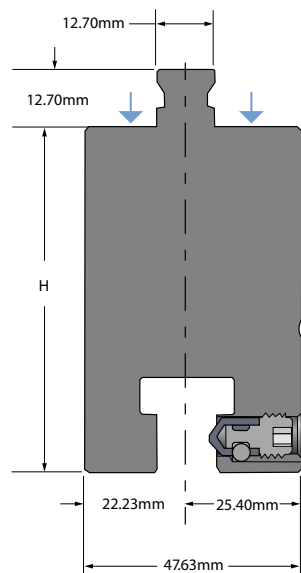
PUNCH HOLDERS



American to American Straight Tang

CAT. No.	H Height mm	Max Ton/ft	L	S	X
50157	50.8mm	30	✓	✓	✓
50081	76.2mm		✓	✓	✓
50082	101.6mm		✓	✓	✓

Note: Includes set screws every 50.8mm



American to American G Style Tang

CAT. No.	H Height mm	Max Ton/ft	L	S	X
50158G	50.8mm	30	✓	✓	✓
50096G	101.6mm		✓	✓	✓

Note: Includes set screws every 50.8mm

Set screw adjusts to G [Grooved/Self-Seating] American style punch tangs.

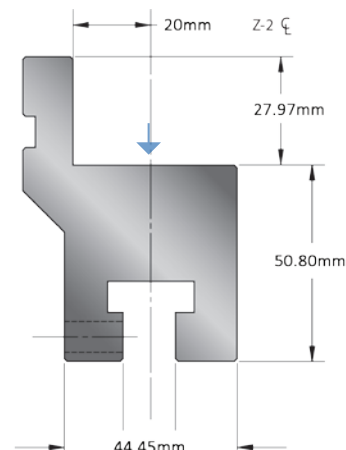
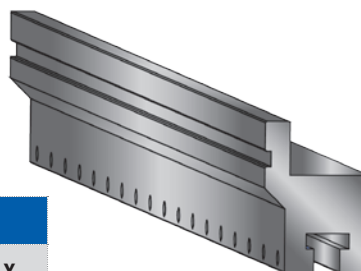
Note: Includes set screws every 50.8mm

All tonnages are based on direct load and do not apply for thrusting applications.

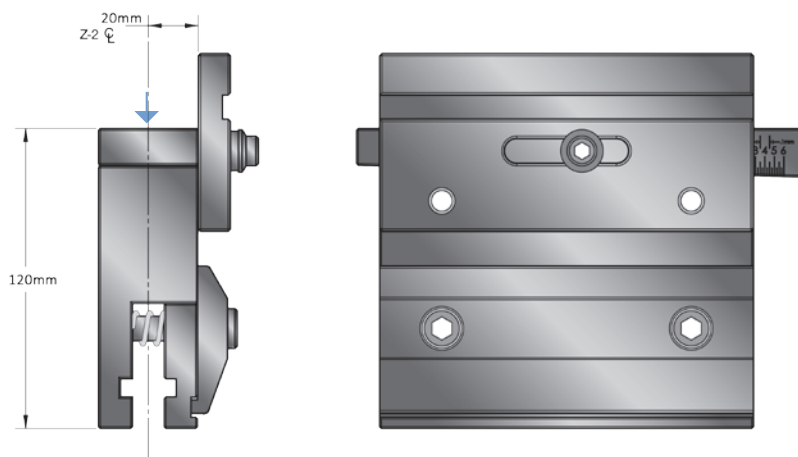
European Z2 to American Style Tang

CAT. No	Description	Max Ton/ft	L	S	X
43852	European Z2 to American Punch Holder	30	✓	✓	✓

↓ Indicates where tonnage is applied.

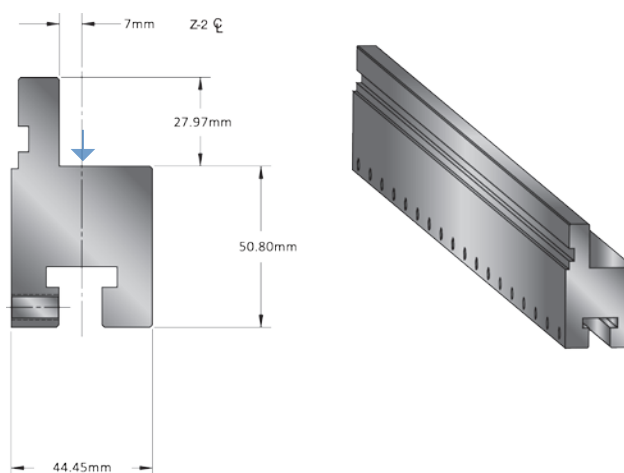


PUNCH HOLDERS



European Z2 to American & European

CAT. No.	Description	Max Ton/ft	150mm
43853	Z2 Series with Dual American and Z1 European Clamping	30	✓



European Z1 to American

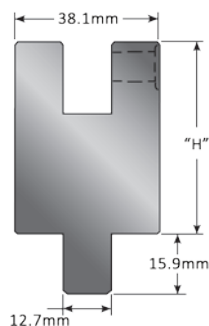
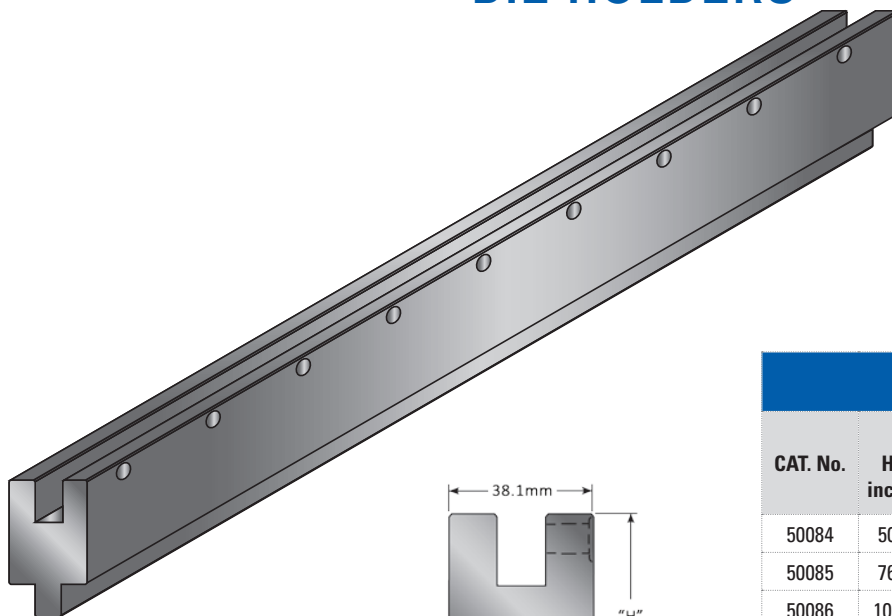
CAT. No.	Description	Max Ton/ft	L	S	X
43851	European Z1 to American Punch Holder	30	✓	✓	✓

Note: Includes set screws every 50.8mm

All tonnages are based on direct load and do not apply for thrusting applications.

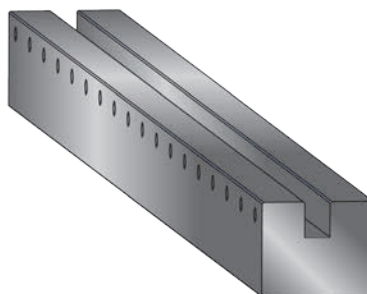
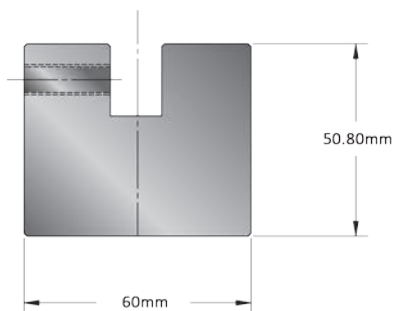
↓ Indicates where tonnage is applied.

DIE HOLDERS



American to American					
CAT. No.	H Height inch (mm)	Max Ton/ft	L	S	X
50084	50.8mm	40	✓	✓	✓
50085	76.2mm		✓	✓	✓
50086	101.6mm		✓	✓	✓
Custom	Specify	P.O.A			

Note: Includes set screws every 50.8mm



European to American				
CAT. No.	Description	Max Ton/ft	L	S
43590	European to American Die Holder	40	✓	✓

Note: Includes set screws every 50.8mm

All tonnages are based on direct load and do not apply for thrusting applications.

Time Saving Calculation

Example

Clamp Cost (Express Clamp 43818i-2) = **619,47 €**Tool changes/day = **12**Minutes saved per tool change = **5 mins**Time saving = **60 mins/1 hour**1 hour of time costs = **30 €**Calculation

Clamp cost / Time cost = Time taken to pay off Clamp

619.47 / 30 € = 20.6 Hours*Therefore **1 Express Clamp** pays for itself in 20.6 hours, just over 2 shifts. **5 Express Clamps** pay for themselves in 13 shifts.*

With 1 hour per day in time saving, that calculates at 240 hours saved per year, or 30 shifts.

How many more parts could be produced in that time?

This is a calculation for just 1 Press Brake, savings increase with more machines you kit out with the Express Clamp!

Tool changes/day	Minutes saved per tool change			
	5	10	15	20
1	5	10	15	20
2	10	20	30	40
3	15	30	45	60
4	20	40	60	80
5	25	50	75	100
6	30	60	90	120
7	35	70	105	140
8	40	80	120	160
9	45	90	135	180
10	50	100	150	200
11	55	110	165	220
12	60	120	180	240
13	65	130	195	260
14	70	140	210	280
15	75	150	225	300
16	80	160	240	320
17	85	170	255	340
18	90	180	270	360
19	95	190	285	380
20	100	200	300	400

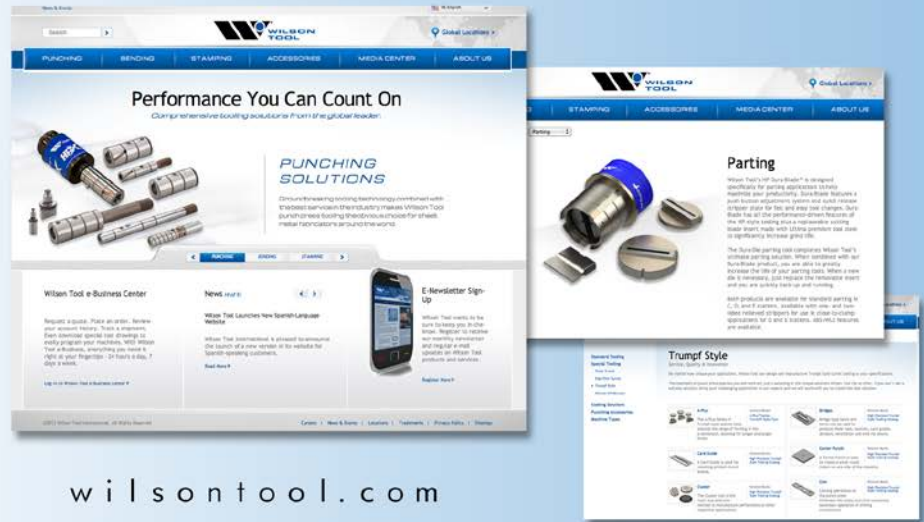
Clamp Cost: Tool changes/day = Minutes saved per tool change = Time saving = of time costs = Calculation

Clamping cost / Time cost = Time taken to pay off Clamp

 / =

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