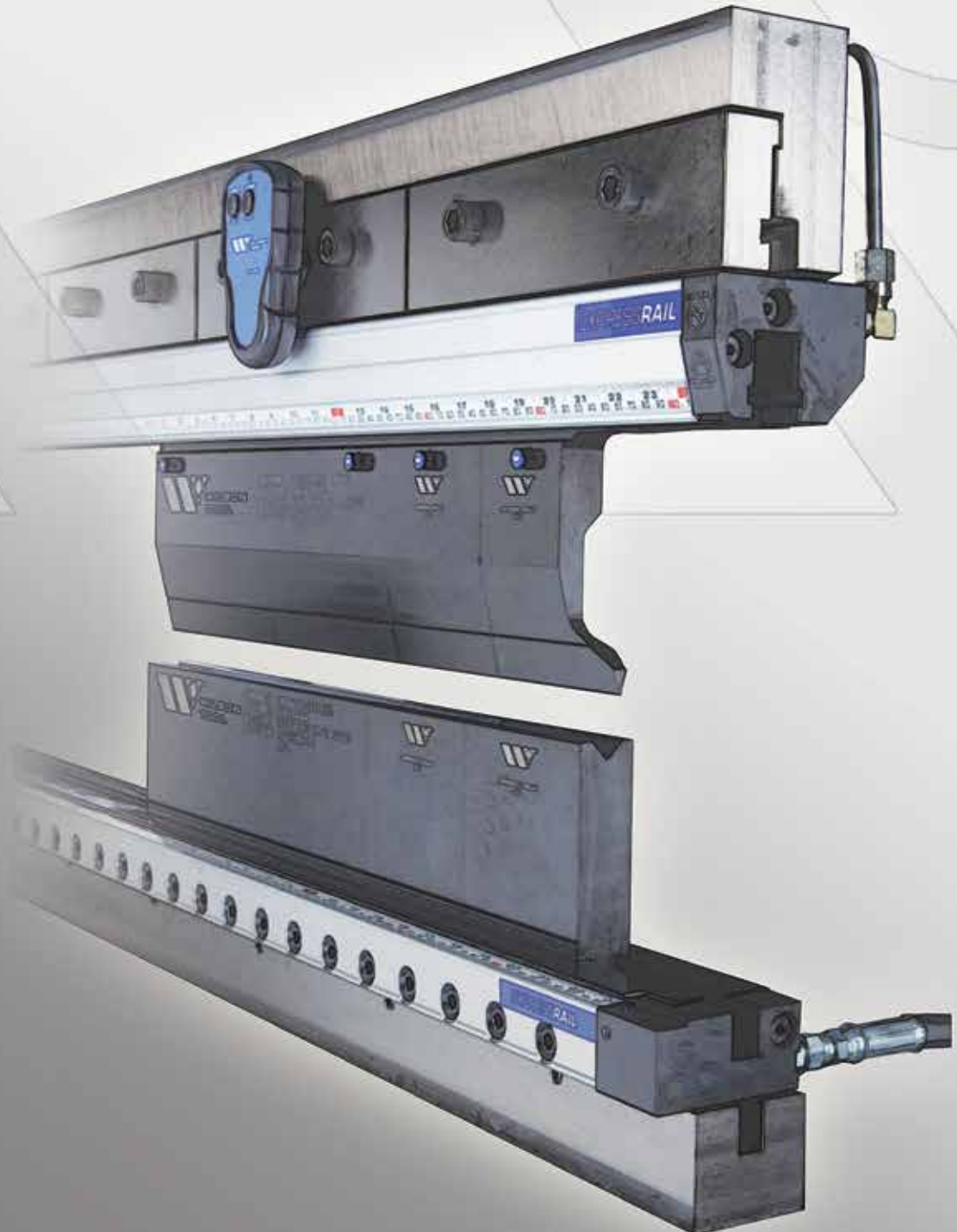


CLAMPING SOLUTIONS



Distributor:
S.C. SM TECH S.R.L.
www.sm-tech.ro
office @ sm-tech.ro
Tel: 0374-991480
Fax: 0374-091010

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 on the wireless control 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 American and WT 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, slide 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 American and WT 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 American, European and WT 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 center and alignment.

Options

- Tool styles:** We offer clamping options for American, European, or WT style tools 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 remote.



Ordering Information.4



POWER CLAMPING

ExpressRail for American Style Tooling5-7

ExpressRail for WT Style Tooling8-10

PowerExpress for American Style Tooling11-13



QUICK CHANGE MANUAL CLAMPING

European Style Tooling14-15

Express Die Holder for American Style Tooling 15

Express Die Holder for WT Style Tooling 15



STANDARD MANUAL CLAMPING

American Style Tooling 16 - 18

European Style Tooling 19-24

WT Style Tooling25-26

Terms and Conditions

PRICES Wilson Tool reserves the right to change our prices without notice.

CREDIT REQUIREMENTS All orders are subject to approval by our Credit Department. If you are a new account, please furnish us with your tax exempt status, a bank reference, three current supplier references and/or your current D&B rating with your first order. A credit limit will be imposed on new accounts until credit has been established.

PAYMENT TERMS Terms are net 10 days. Catalog prices are subject to change without notice.

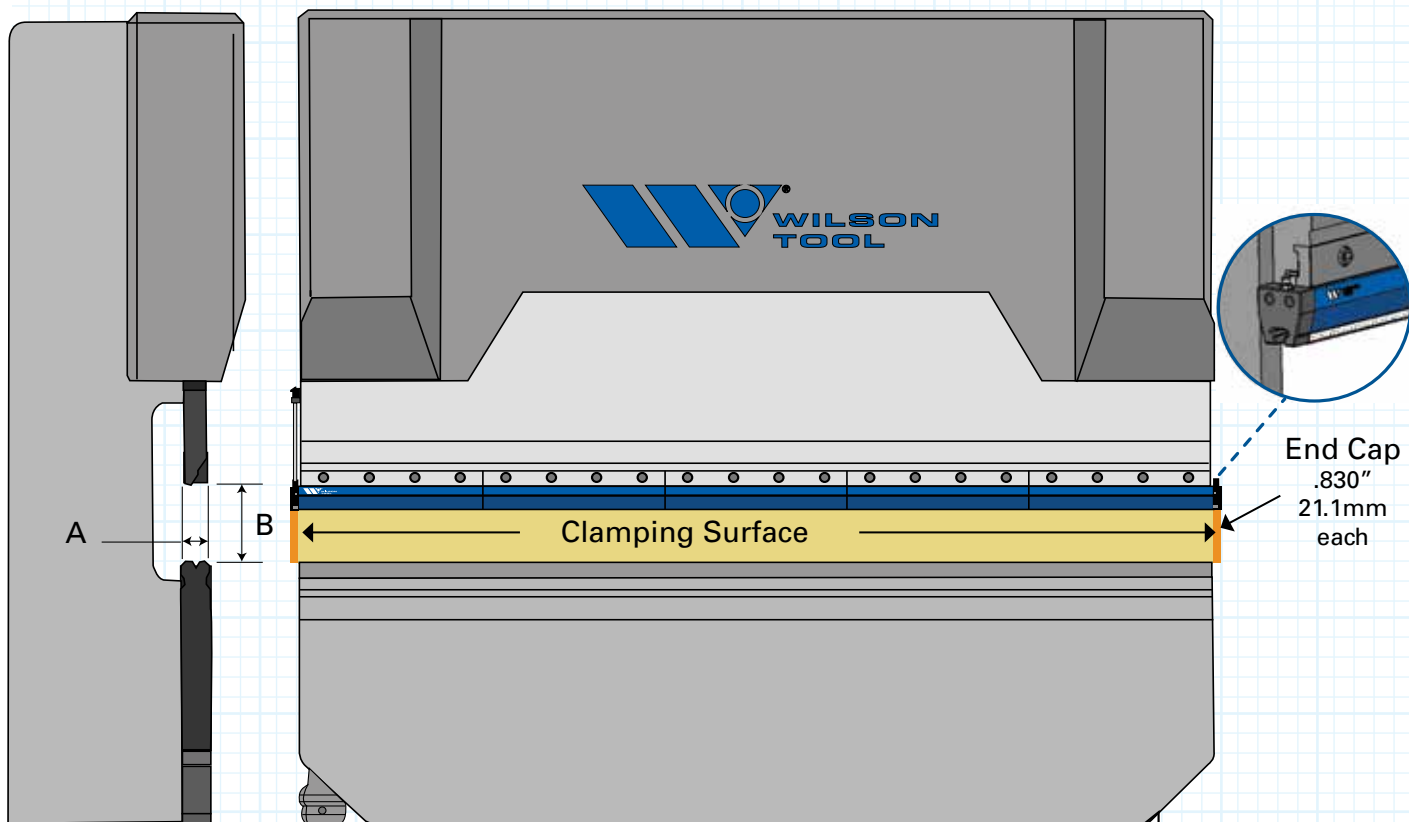
FREIGHT Orders are shipped F.O.B. from our manufacturing facility.(International Shipments are Incoterms: Ex Works).

ORDER CANCELLATION In the event an order is cancelled, an additional charge will be assessed to cover the cost of labor and material.

RETURNED MATERIAL A handling/restocking fee will be applied to all standard products returned for credit. A return authorization number and shipping instructions must be obtained in advance before an item can be returned.

CLAIMS All claims or product shortages must be made within 30 days of the invoice date.

ORDERING SPECIFICATIONS



Beam Length Ordering	
CLAMPING SURFACE	
END CAPS 2 X .83" [21.1mm]	1.66" [42.2mm]
TOTAL LENGTH	

Upper Beam Tool Clamping Style	
AMERICAN	WT
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	WT
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:	



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.

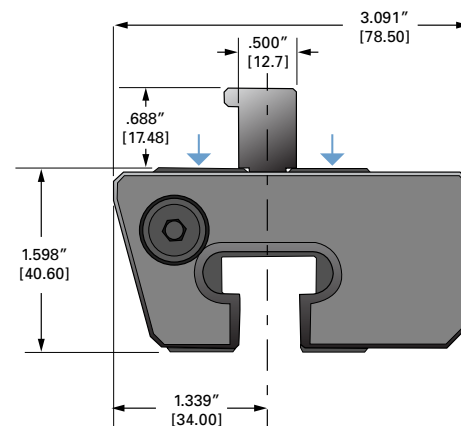
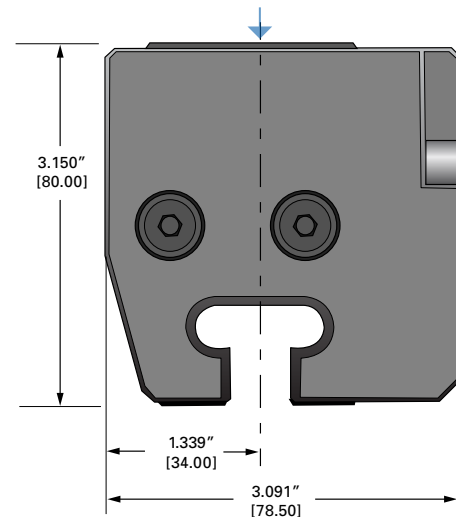
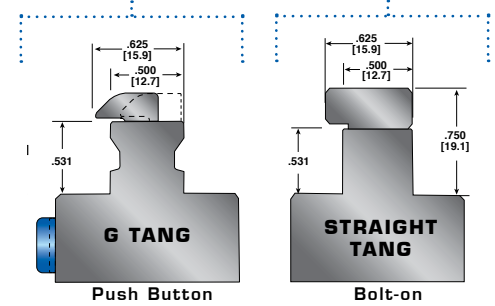
HCS-A Upper Clamp			
Length	CAT. No	Mounting Style	Universal Bolt Pattern
1190 mm	532C1190	Working Height	3.15" [80mm]
48 inches	532C48		
1530 mm	532C1530	Max. Shoulder Load	70 T/ft 209 T/meter 2043 kN/meter
72 inches	532C72		
1785 mm	532C1785	This model is designed for OEM factory installation on new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

ExpressRail Upper Clamp				
Length	CAT. No	*Price	Mounting Style	American Tang
1190 mm	535C1190		Working Height	1.598" [40.6mm]
48" / 4 ft	535C48			
1530 mm	535C1530		Max. Shoulder Load	70 T/ft 209 T/meter 2043 kN/meter
72" / 6 ft	535C72			
1785 mm	535C1785		Design allows for easy and fast installation in the field. Additional lengths available upon request. *Price does not include power pack.	
2040 mm	535C2040			
96" / 8 ft	535C96			
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			



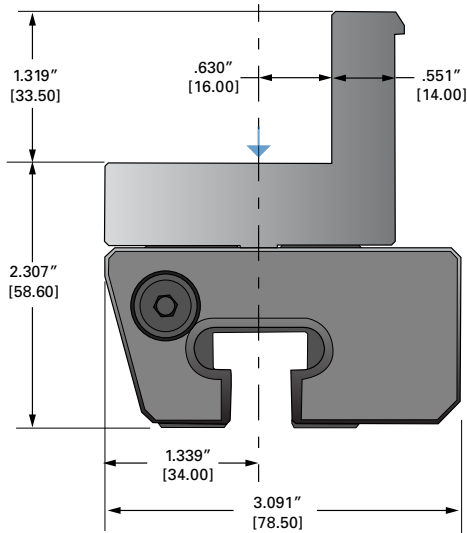
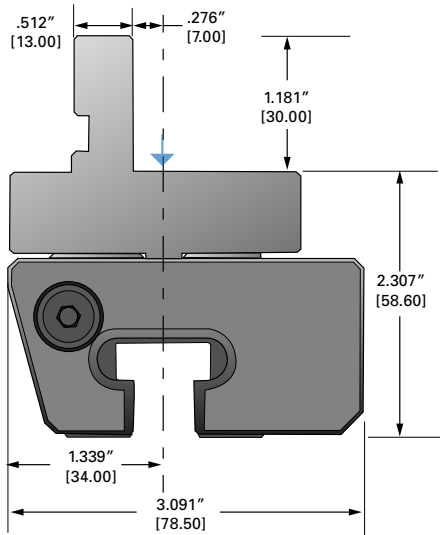
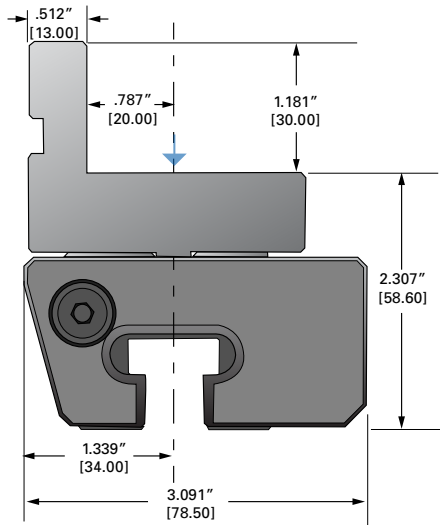
Seats & Clamps

Clamps



↓ Indicates where tonnage is applied.

POWER CLAMPING



ExpressRail Upper Clamp

Length	CAT. No	*Price	Mounting Style	Z2 Tang
1190 mm	535C1190		Working Height	2.307" [58.6mm]
48" / 4 ft	535C48			70 T/ft
1530 mm	535C1530		Max. Shoulder Load	209 T/meter
72" / 6 ft	535C72			2043 kN/meter
1785 mm	535C1785		Design allows for easy and fast installation in the field.	
2040 mm	535C2040			
96" / 8 ft	535C96			
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		Additional lengths available upon request.	
4250 mm	535C4250			
<i>*Price does not include power pack.</i>				

ExpressRail Upper Clamp

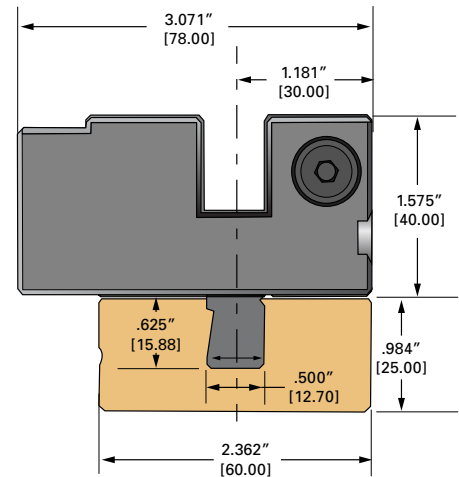
Length	CAT. No	*Price	Mounting Style	Z1 Tang
1190 mm	535C1190		Working Height	2.307" [58.6mm]
48" / 4 ft	535C48			70 T/ft
1530 mm	535C1530		Max. Shoulder Load	209 T/meter
72" / 6 ft	535C72			2043 kN/meter
1785 mm	535C1785		Design allows for easy and fast installation in the field.	
2040 mm	535C2040			
96" / 8 ft	535C96			
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		Additional lengths available upon request.	
4250 mm	535C4250			
<i>*Price does not include power pack.</i>				

ExpressRail Upper Clamp

Length	CAT. No	*Price	Mounting Style	Trumpf® C-Series Tang
1190 mm	535C1190		Working Height	2.307" [58.6mm]
48" / 4 ft	535C48			70 T/ft
1530 mm	535C1530		Max. Shoulder Load	209 T/meter
72" / 6 ft	535C72			2043 kN/meter
1785 mm	535C1785		Design allows for easy and fast installation in the field.	
2040 mm	535C2040			
96" / 8 ft	535C96			
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		Additional lengths available upon request.	
4250 mm	535C4250			
<i>*Price does not include power pack.</i>				

↓ Indicates where tonnage is applied.

ExpressRail Lower Clamp - Configurable				
Length	CAT. No	*Price American or WT Mounting Tang	*Price 60mm Mounting Tang	
1190 mm	539C1190			Mounting Style
48" / 4 ft	539C48			
1530 mm	539C1530			Working Height
72" / 6 ft	539C72			
1785 mm	539C1785			Max. Shoulder Load
2040 mm	539C2040			
96" / 8 ft	539C96			Design allows for installation in the field.
2380 mm	539C2380			
2550 mm	539C2550			Additional lengths available upon request.
120" / 10 ft	539C120			
3060 mm	539C3060			*Price does not include power pack.
144" / 12 ft	539C144			
3655 mm	539C3655			
4080 mm	539C4080			
168" / 14 ft	539C168			
4250 mm	539C4250			



Shown with an optional 60mm base.
90mm tang 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.	Price	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		Includes: Wireless Control Pendant 12 ft. / 3660 mm hose(s)	
220V Dual Mode	980076-2			
* 480V Single Mode	974186			
* 480V Dual Mode	974186-2			
Wireless Control	972849			
Manifold (Upgrade Single to Double)	974187			

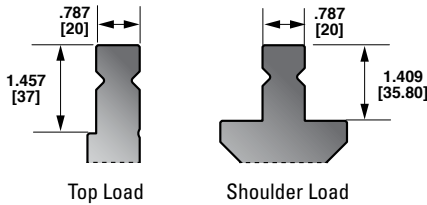


* Ships without a power cord and requires an electrician for wiring.

Pricing reflects bundling with the purchase of a hydraulic clamping system.



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



Key Features

- Hydraulically clamps and seats Wilson WT style tooling
- Hydraulically clamps Wilson WT style and all other similar tang punches 20mm wide
- Clamps tool segments as small as .394/10mm
- Low profile to maximize open height
- Nitrex surface enhancement = surface hardness of 70 HRC

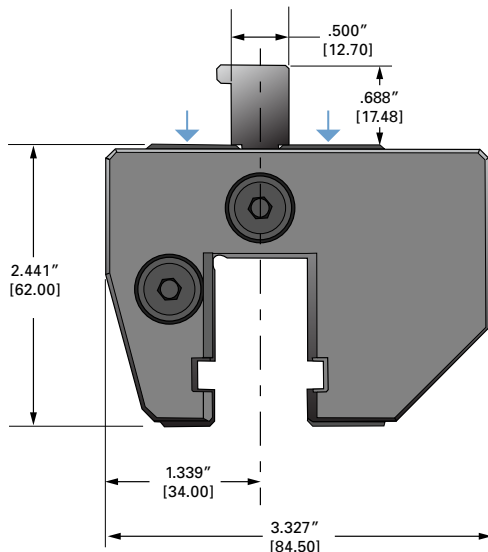
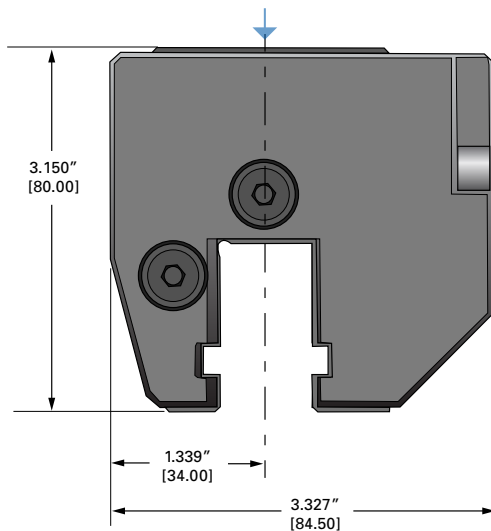
Specifications

- 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:

Lengths = Actual clamping surface. Not overall length.

POWER CLAMPING



HCS-W Upper Clamp

Length	CAT. No	Mounting Style	Universal Bolt Pattern
1190 mm	632C1190	Working Height	3.15" [80mm]
48" / 4 ft	632C48		
1530 mm	632C1530		
72" / 6 ft	632C72	Max. Shoulder Load	70 T/ft 209 T/meter 2043 kN/meter
1785 mm	632C1785		
2040 mm	632C2040		
96" / 8 ft	632C96		
2380 mm	632C2380	This model is designed for OEM factory installation on new machines.	
2550 mm	632C2550	Power pack may be required.	
120" / 10 ft	632C120	Call your OEM for pricing.	
3060 mm	632C3060	Additional lengths available upon request.	
144" / 12 ft	632C144		
3655 mm	632C3655		
4080 mm	632C4080		
168" / 14 ft	632C168		
4250 mm	632C4250		

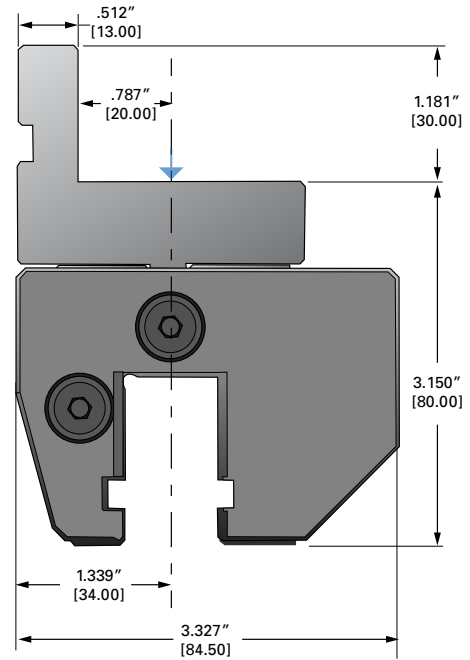
ExpressRail Upper Clamp

Length	CAT. No	*Price	Mounting Style	American Tang
1190 mm	635C1190		Working Height	2.441" [62mm]
48" / 4 ft	635C48			
1530 mm	635C1530			
72" / 6 ft	635C72		Max. Shoulder Load	80 T/ft 238 T/meter 2335 kN/meter
1785 mm	635C1785			
2040 mm	635C2040			
96" / 8 ft	635C96			
2380 mm	635C2380		Max. Top Load	70 T/ft 209 T/meter 2043 kN/meter
2550 mm	635C2550			
120" / 10 ft	635C120			
3060 mm	635C3060		Design allows for installation in the field.	
144" / 12 ft	635C144		Additional lengths available upon request.	
3655 mm	635C3655		*Price does not include power pack.	
4080 mm	635C4080			
168" / 14 ft	635C168			
4250 mm	535C4250			

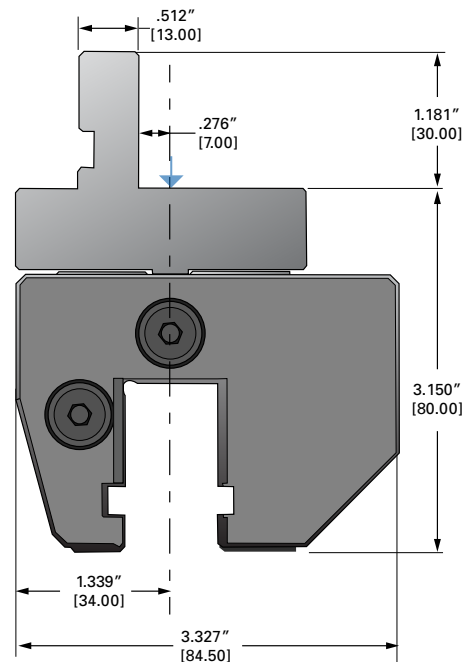
↓ Indicates where tonnage is applied.



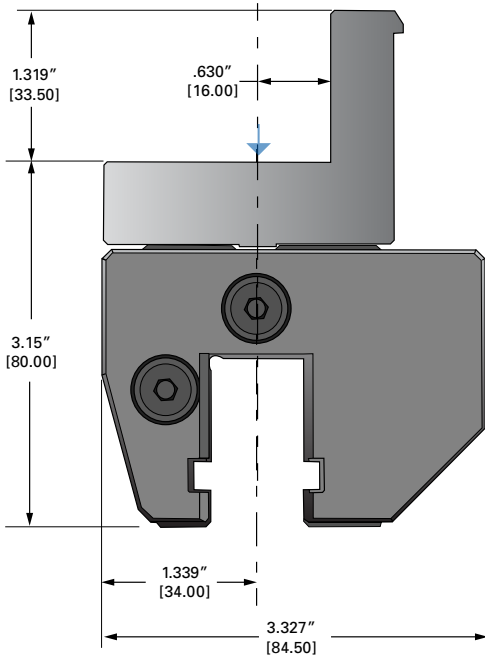
ExpressRail Upper Clamp				
Length	CAT. No	*Price	Mounting Style	Z2 Tang
1190 mm	635C1190			
48" / 4 ft	635C48		Working Height	3.15" [80mm]
1530 mm	635C1530			
72" / 6 ft	635C72		Max. Shoulder Load	80 T/ft 238 T/meter 2335 kN/meter
1785 mm	635C1785			
2040 mm	635C2040		Max. Top Load	70 T/ft 209 T/meter 2043 kN/meter
96" / 8 ft	635C96			
2380 mm	635C2380			
2550 mm	635C2550			
120" / 10 ft	635C120		Design allows for installation in the field.	
3060 mm	635C3060			
144" / 12 ft	635C144		Additional lengths available upon request.	
3655 mm	635C3655			
4080 mm	635C4080		*Price does not include power pack.	
168" / 14 ft	635C168			
4250 mm	535C4250			



ExpressRail Upper Clamp				
Length	CAT. No	*Price	Mounting Style	Z1 Tang
1190 mm	635C1190			
48" / 4 ft	635C48		Working Height	3.15" [80mm]
1530 mm	635C1530			
72" / 6 ft	635C72		Max. Shoulder Load	80 T/ft 238 T/meter 2335 kN/meter
1785 mm	635C1785			
2040 mm	635C2040		Max. Top Load	70 T/ft 209 T/meter 2043 kN/meter
96" / 8 ft	635C96			
2380 mm	635C2380			
2550 mm	635C2550			
120" / 10 ft	635C120		Design allows for installation in the field.	
3060 mm	635C3060			
144" / 12 ft	635C144		Additional lengths available upon request.	
3655 mm	635C3655			
4080 mm	635C4080		*Price does not include power pack.	
168" / 14 ft	635C168			
4250 mm	535C4250			



↓ Indicates where tonnage is applied.



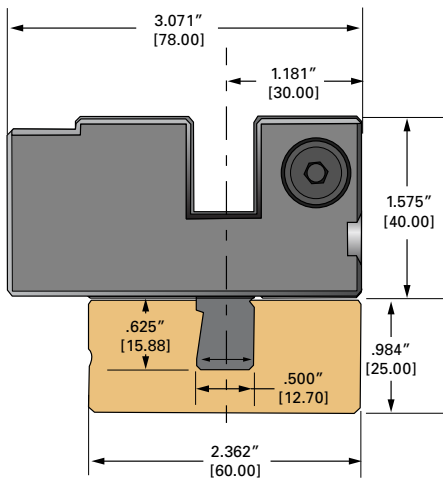
ExpressRail Upper Clamp				
Length	CAT. No	*Price	Mounting Style	Trumpf® C-Series Tang
1190 mm	635C1190			
48" / 4 ft	635C48		Working Height	3.15" [80mm]
1530 mm	635C1530			
72" / 6 ft	635C72		Max. Shoulder Load	80 T/ft 238 T/meter 2335 kN/meter
1785 mm	635C1785			
2040 mm	635C2040		Max. Top Load	70 T/ft 209 T/meter 2043 kN/meter
96" / 8 ft	635C96			
2380 mm	635C2380			
2550 mm	635C2550			
120" / 10 ft	635C120			
3060 mm	635C3060			
144" / 12 ft	635C144			
3655 mm	635C3655			
4080 mm	635C4080			
168" / 14 ft	635C168			
4250 mm	535C4250			

Design allows for installation in the field.

Additional lengths available upon request.

*Price does not include power pack.

↓ Indicates where tonnage is applied.



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

ExpressRail Lower Clamp - Configurable					
Length	CAT. No	*Price American or WT Mounting Tang	*Price 60mm Mounting Tang	Mounting Style	Available in American, Trumpf, 60mm, and 90mm tang styles
1190 mm	639C1190				
48" / 4 ft	639C48				
1530 mm	639C1530				
72" / 6 ft	639C72			Working Height	1.575" [40mm]
1785 mm	639C1785			Max. Shoulder Load	70 T/ft
2040 mm	639C2040				
96" / 8 ft	639C96				
2380 mm	639C2380				
2550 mm	639C2550				
120" / 10 ft	639C120				
3060 mm	639C3060				
144" / 12 ft	639C144				
3655 mm	639C3655				
4080 mm	639C4080				
168" / 14 ft	639C168				
4250 mm	639C4250				

Design allows for installation in the field.

Additional lengths available upon request.

*Price does not include power pack.

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.	Price	Operating Pressure	500-700 PSI [35-52 bar]
110V Single Mode	972879			
110V Dual Mode	972879-2		Flow Rate	1.9 GPM [7.21"/min]
220V Single Mode	980076			
220V Dual Mode	980076-2			*Ships without a lead wire/power cord.
* 480V Single Mode	974186			
* 480V Dual Mode	974186-2			Requires an electrician for wiring
Wireless Control	972849			
Manifold (Upgrade Single to Double)	974187			Includes: Wireless Control Pendant 12 ft. / 3660 mm hose(s)

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

Pricing reflects bundling with the purchase of a hydraulic clamping system.



U.S.A.
Canada
Mexico

Tel: 800.445.4518
Tel: 800.268.4180
Tel: 001.800.741.2510

Fax: 800.539.4590
Fax: 905.840.1032
Fax: 001.800.544.2096

pressbrake@wilsontool.com
bending@wilsontoolcanada.com
americalatina@wilsontool.com

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

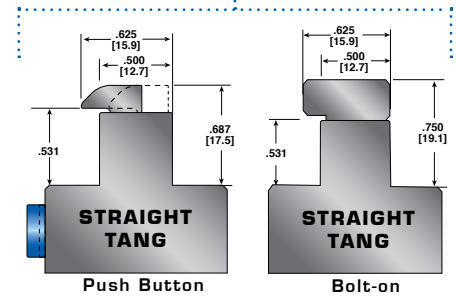
NOTE:

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



Lengths = Actual clamping surface. Not overall length.

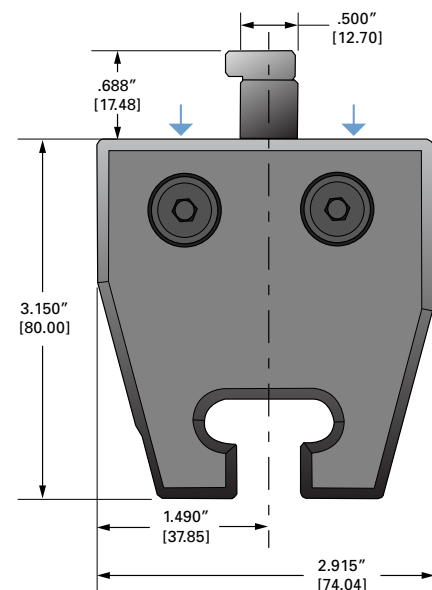
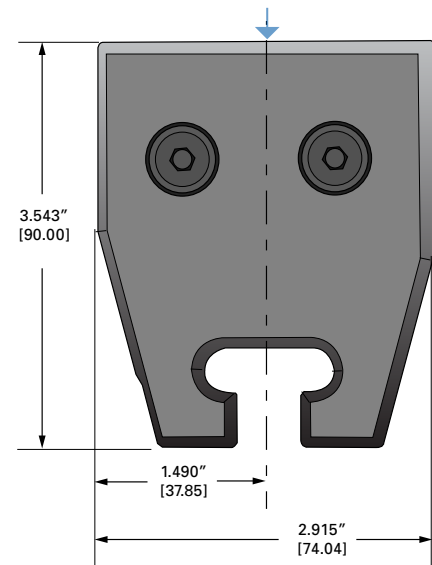
Seats & Clamps



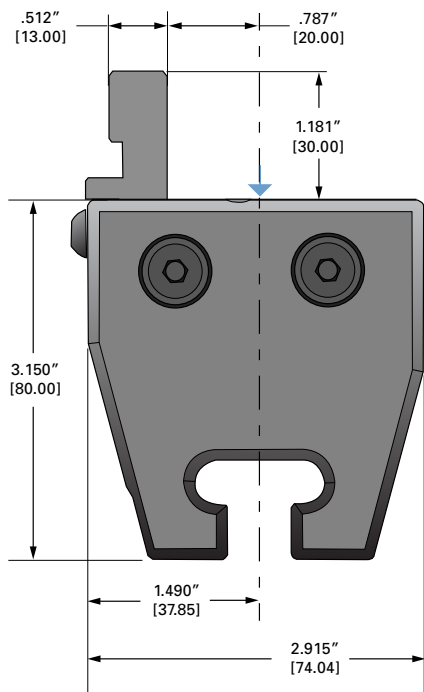
PowerExpress-A Upper Clamp			
Length	CAT. No	Mounting Style	Bolt Fastened
1190 mm	530C1190		
48" / 4 ft	530C48	Working Height	3.15" [80mm]
1530 mm	530C1530		
72" / 6 ft	530C72	Max. Shoulder Load	70 T/ft
1785 mm	530C1785		209 T/meter
2040 mm	530C2040		2043 kN/meter
96" / 8 ft	530C96		
2380 mm	530C2380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

PowerExpress Upper Clamp				
Length	CAT. No	*Price	Mounting Style	American Tang
24" / 2 ft	530C24			
48" / 4 ft	530C48		Working Height	3.15" [80mm]
72" / 6 ft	530C72		Max. Shoulder Load	70 T/ft
96" / 8 ft	530C96			209 T/meter
120" / 10 ft	530C120			2043 kN/meter
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.

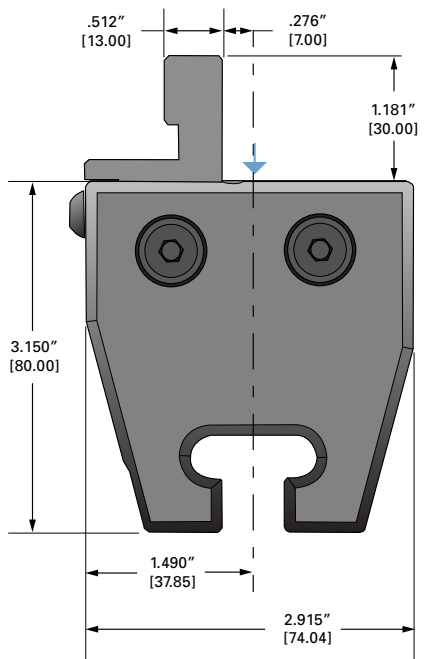


POWER CLAMPING



PowerExpress Upper Clamp				
Length	CAT. No	*Price	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/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.



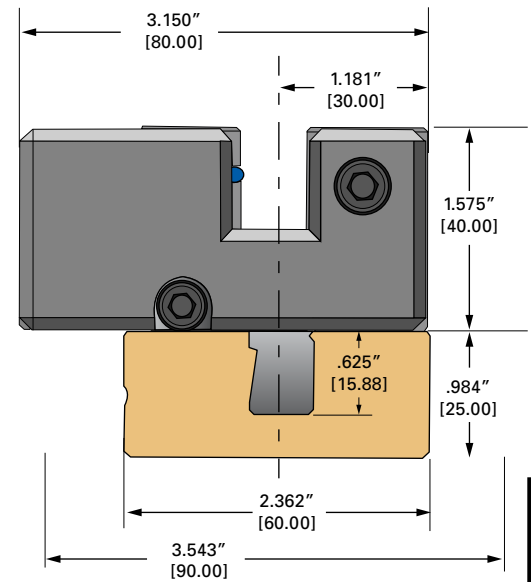
PowerExpress Upper Clamp				
Length	CAT. No	*Price	Mounting Style	Z1 Tang
24" / 2 ft	530C24		Working Height	3.15" [80mm]
48" / 4 ft	530C48			
72" / 6 ft	530C72			
96" / 8 ft	530C96		Max. Shoulder Load	70 T/ft 209 T/meter 2043 kN/meter
120" / 10 ft	530C120			
144" / 12 ft	530C144			
168" / 14 ft	530C168			

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	*Price American or WT Mounting Tang	*Price 60mm Mounting Tang	Mounting Style	Available in American, Trumpf, 60mm, and 90mm tang styles
2 Ft	54000-2				
4 Ft	54000-4				
6 Ft	54000-6				
8 Ft	54000-8				
10 Ft	54000-10			Working Height	1.575" [40mm]
12 Ft	54000-12			Max. Shoulder Load	90 T/ft 270 T/meter 2627 kN/meter
14 Ft	54000-14				

Design allows for installation in the field.
 Additional lengths available upon request.
 *Price does not include power pack.



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

POWER CLAMPING

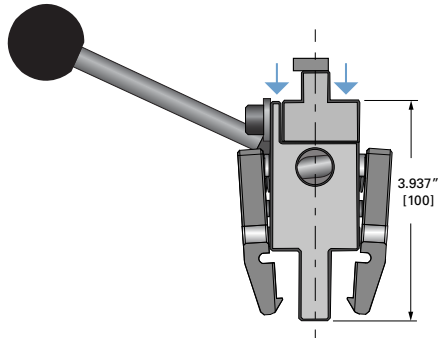
Power pack is available in **Single Manifold** for one clamping system or **Dual Mode** to operate upper and lower clamping systems independently.

Hydraulic Power Pack				
Description	CAT. No.	Price	Operating Pressure	5000 PSI Max.
Single Mode	980108		Factory Set	2800 PSI
Dual Mode	972583-2		Pressure Switch Set	2300 PSI
Wireless Control Manifold (Upgrade Single to Double)	972849 974187		Flow Rate	.38 GPM [1.4/min]
Requires an electrician for wiring.			Flow	20in ³ /min
			Power Source	115VAC power supply 9.5 Amps
Includes: Wireless control pendant 12 ft. / 3660 mm hose(s)			Connections	JIC SAE 4

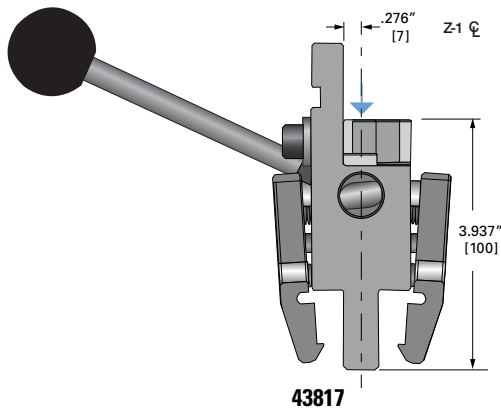


Key Features of Express Clamps for Euro Style Tooling

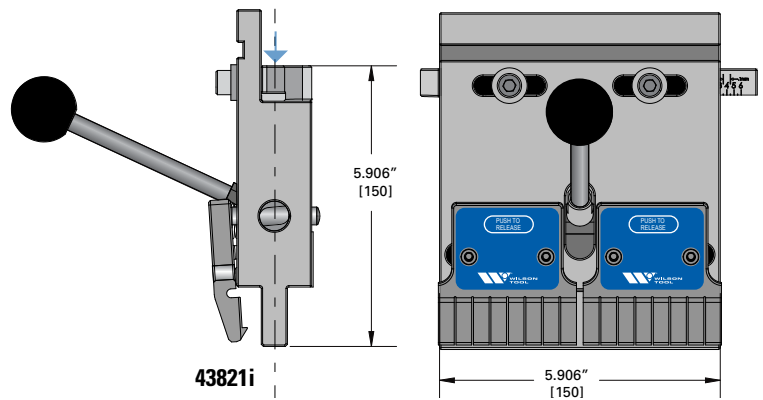
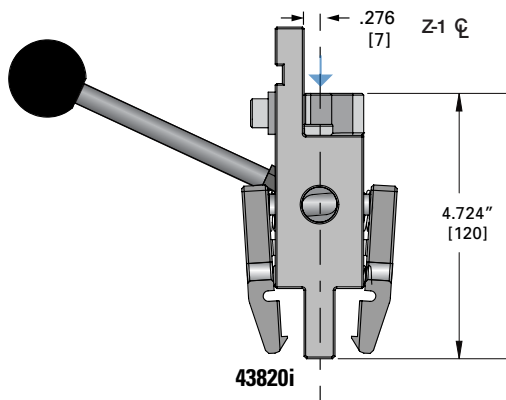
- Simple lever activation
- Front and rear clamping
- Nitrex surface enhancement = surface hardness of 70 HRC
- Available in multiple mounting styles (American, Z1, Z2, Trumpf)
- Wedge height adjustment



AMERICAN PRESS BRAKE WITH WEDGE		
CAT. No.	DESCRIPTION	PRICE
43815-2	2 Front Clamp Plates	
43815	2 Front & 2 Back Clamp Plates	

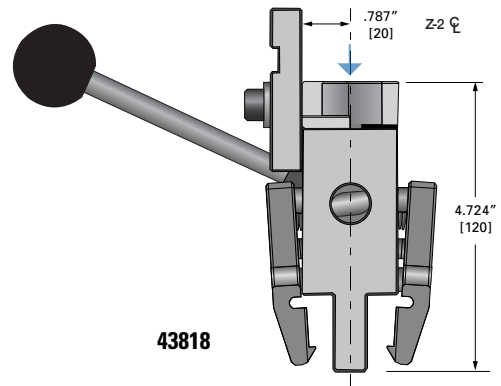


Z1 SERIES WITH WEDGE		
CAT. No.	DESCRIPTION	PRICE
43817i-2	2 Front Clamp Plates	
43817i	2 Front & 2 Back Clamp Plates	
43820i-2	2 Clamp Plates	
43820i	4 Clamp Plates	
43821i-2	2 Clamp Plates	
43821i	4 Clamp Plates	



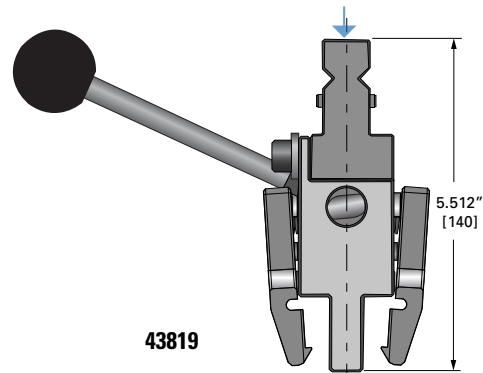
↓ Indicates where tonnage is applied.

Z2 SERIES WITH WEDGE		
CAT. No.	DESCRIPTION	PRICE
43818i -2	2 Front Clamp Plates	
43818i	2 Front & 2 Back Clamp Plates	



43818

TRUMPF PRESS BRAKE WITH WEDGE		
CAT. No.	DESCRIPTION	PRICE
43819-2	2 Front Clamp Plates	
43819	2 Front & 2 Back Clamp Plates	



43819

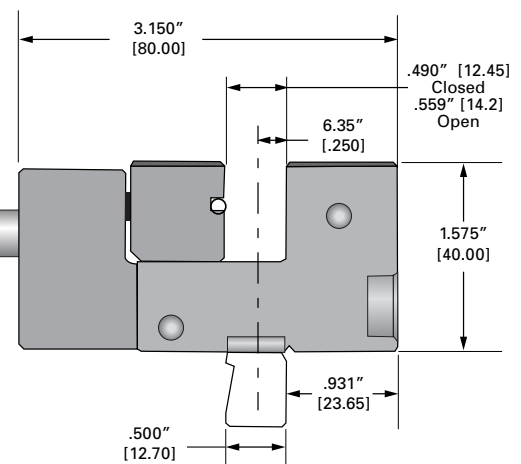
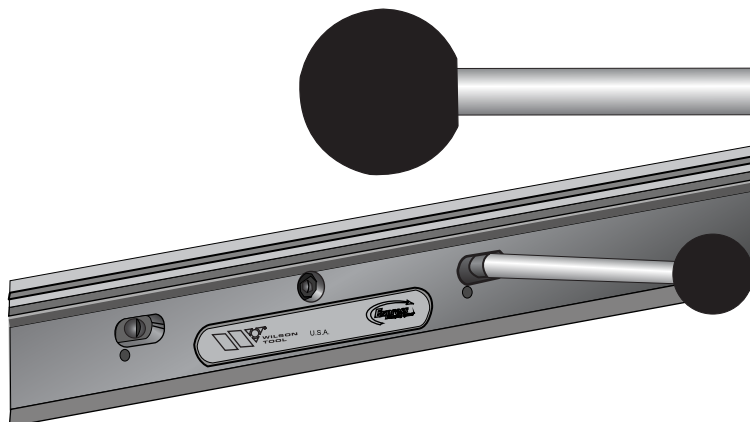
↓ Indicates where tonnage is applied.

EXPRESS DIE HOLDER FOR AMERICAN AND WT STYLE TOOLING

EXPRESS DIE HOLDER				
CAT. No.	LENGTH	PRICE	Mounting Style	Available in American, Trumpf, 60mm, and 90mm tang styles
54100-2	2 Ft		Working Height	1.575" [40mm]
54100-4	4 Ft			
54100-6	6 Ft		Max. Shoulder Load	90 T/ft 270 T/meter 2627 kN/meter
54100-8	8 Ft			
54100-10	10 Ft			
54100-12	12 Ft			
54100-14	14 Ft			

Key Features of Express Die Holder

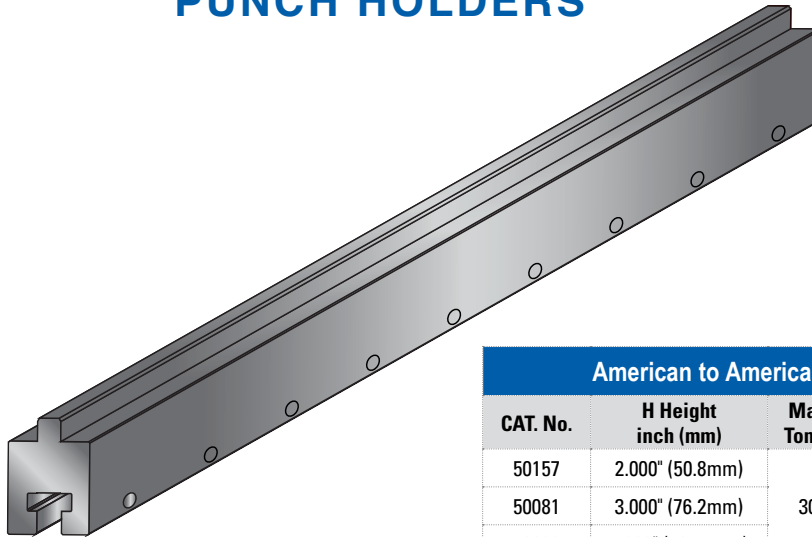
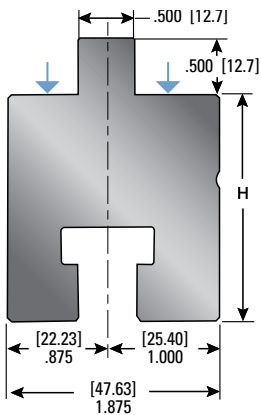
- Simple lever activation
- Nitrex surface enhancement = surface hardness of 70 HRC
- Available in multiple tang styles



● QUICK CHANGE MANUAL CLAMPING ●

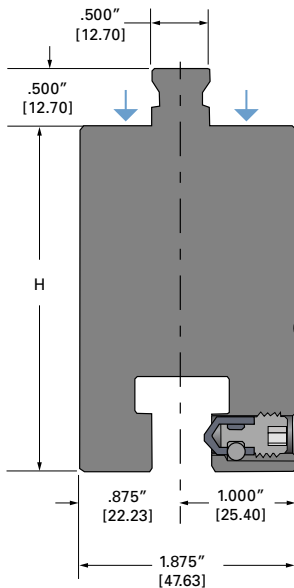
PUNCH HOLDERS

STANDARD MANUAL CLAMPING



American to American Straight Tang					
CAT. No.	H Height inch (mm)	Max Ton/ft	L 36"	S 18"	X 35.87"
50157	2.000" (50.8mm)	30			
50081	3.000" (76.2mm)				
50082	4.000" (101.6mm)				

Note: Includes set screws every 2" (50.8mm)



American to American G Style Tang					
CAT. No.	H Height inch (mm)	Max Ton/ft	L 36"	S 18"	X 35.87"
50158G	2.000" (50.8mm)	30			
50096G	4.000" (101.6mm)				

Note: Includes set screws every 2" (50.8mm)

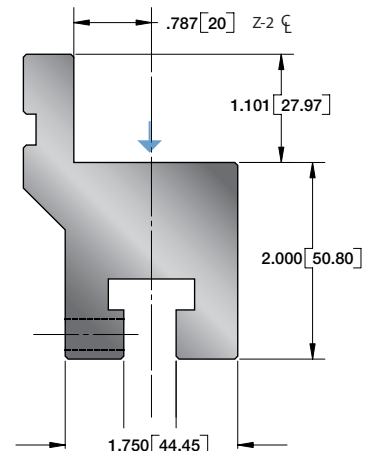
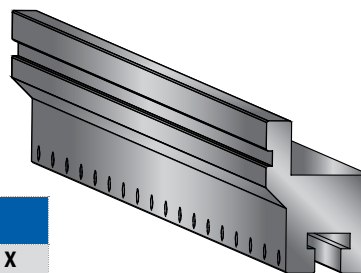
Set screw adjusts to G [Grooved/Self-Seating] American style punch tangs.

Note: Includes set screws every 2" (50.8mm)

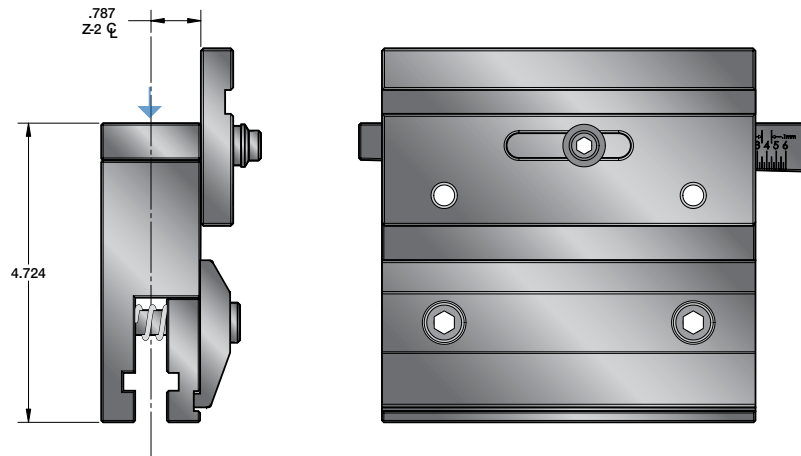
All tonnages are based on direct load and do not apply for thrusting applications.

European Z2 to American Style Tang					
CAT. No	Description	Max Ton/ft	L 36"	S 18"	X 35.87"
43852	European Z2 to American Punch Holder	30			

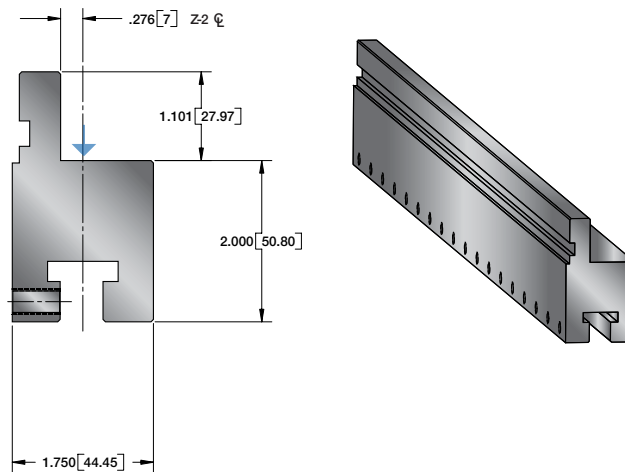
↓ Indicates where tonnage is applied.



PUNCH HOLDERS



European Z2 to American & European			
CAT. No.	Description	Max Ton/ft	5.905" (150mm)
43853	Z2 Series with Dual American and Z1 European Clamping	30	



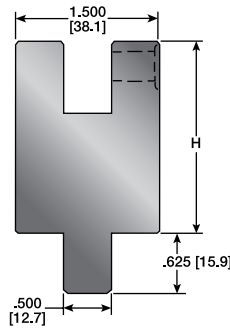
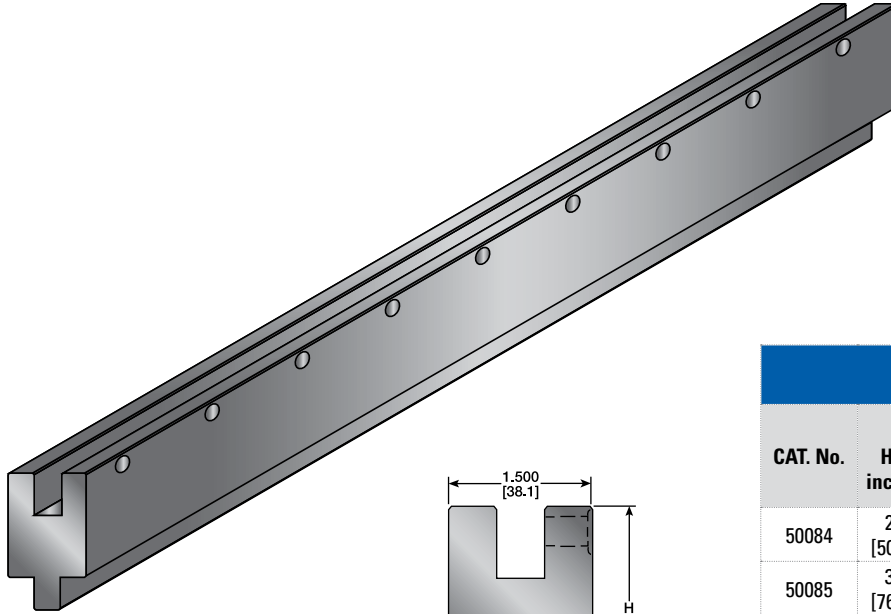
European Z1 to American					
CAT. No.	Description	Max Ton/ft	L 36"	S 18"	X 35.87"
43851	European Z1 to American Punch Holder	30			

Note: Includes set screws every 2" (50.8mm)

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

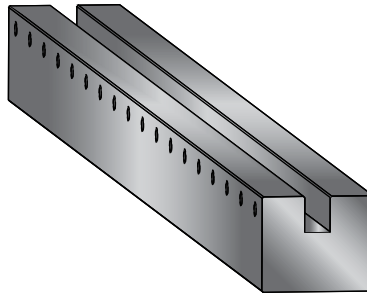
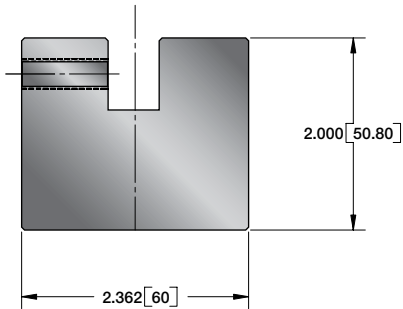
↓ Indicates where tonnage is applied.

DIE HOLDERS



American to American					
CAT. No.	H Height inch (mm)	Max Ton/ft	L 36"	S 18"	X 35.87"
50084	2.000" [50.8mm]	40			
50085	3.000" [76.2mm]				
50086	4.000" [101.6mm]				
Custom	Specify	Call for Pricing			

Note: Includes set screws every 2" (50.8mm)



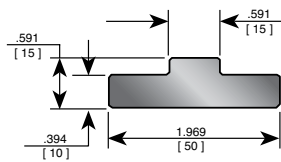
European to American				
CAT. No.	Description	Max Ton/ft	L 36"	S 18"
43590	European to American Die Holder	40		

Note: Includes set screws every 2" (50.8mm)

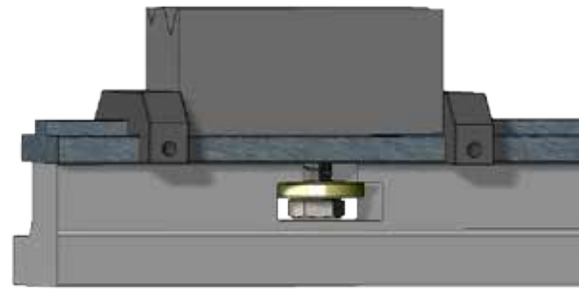
All tonnages are based on direct load and do not apply for thrusting applications.

STANDARD MANUAL CLAMPING

2V QUICK CHANGE RAIL



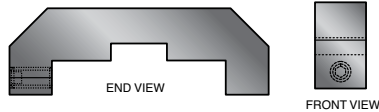
CAT. NO	L 32.87" (835mm)	S 16.34" (415mm)
42089 [28-32 HRc]		
42090 [48-54 HRc]		



Die, Rail, Holder and Rail Clamps

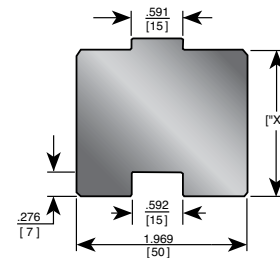
RAIL CLAMP

CAT. NO	Price
43553	



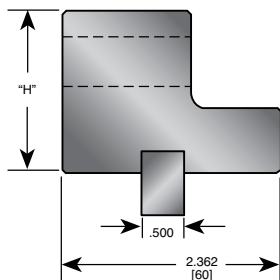
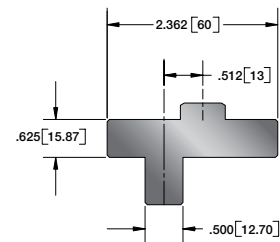
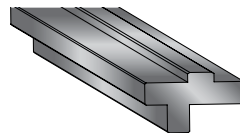
STACKING RAIL

CAT. NO	HEIGHT RANGE	L 32.87" (835mm)	S 16.34" (415mm)	X 32.87" (835mm)
42091	X= .575 - 1.250			
42092	X= 1.251 - 2.000			
42093	X= 2.001 - 2.750			



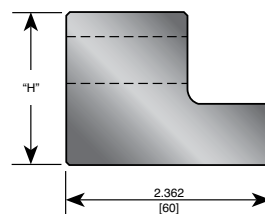
AMERICAN TO QUICK CHANGE RAIL ADAPTER FOR QUICK CHANGE 2V DIES

CAT. NO	Max Ton/ft	L 32.87" (835mm)	S 16.34" (415mm)
53090	30		



AMERICAN TO QUICK CHANGE HOLDER

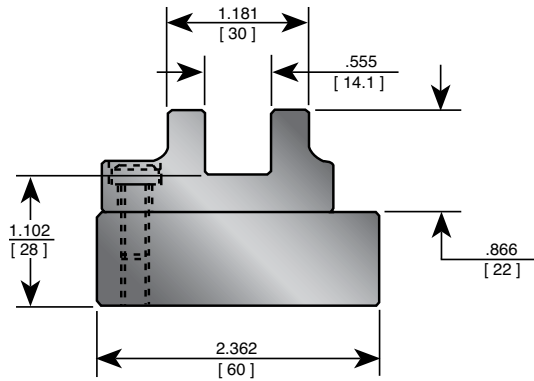
CAT. NO	H HEIGHT INCHES [mm]	L 32.87" (835mm)	S 16.34" (415mm)
43021 AT	1.536 [39mm]		
43022 AT	1.772 [45mm]		
43023 AT	2.953 [75mm]		



60MM TO QUICK CHANGE HOLDER

CAT. NO	H HEIGHT INCHES [mm]	L 32.87" (835mm)	S 16.34" (415mm)
43021	1.536 [39mm]		
43022	1.772 [45mm]		
43023	2.953 [75mm]		

STANDARD MANUAL CLAMPING



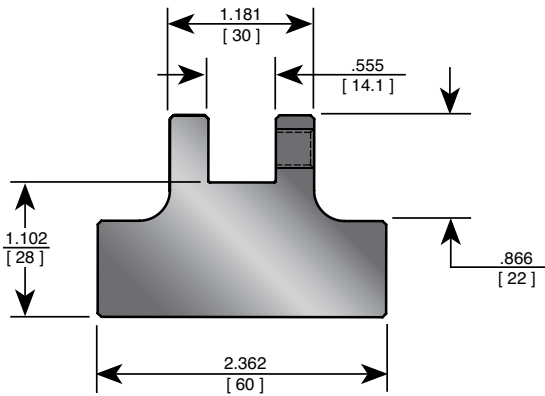
(No Set Screw for Mounting)

QUICK CHANGE 1V DIE HOLDER
TWO PIECE DESIGN

CAT. NO	LT 32.87" (835mm)	ST 16.34" (415mm)
43030		

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

Through hard 28 - 32 RCS



(With Set Screw for Mounting)

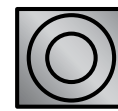
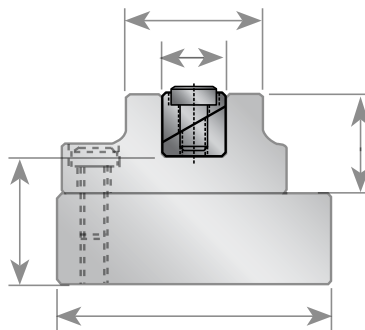
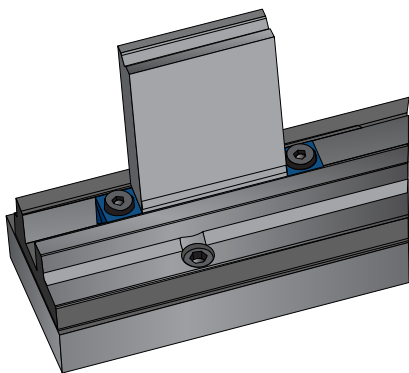
QUICK CHANGE 1V DIE HOLDER
ONE PIECE DESIGN

CAT. NO	LT 32.87" (835mm)	ST 16.34" (415mm)
43530		

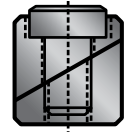
Note: Available with die tang.
Contact application sales desk for pricing and lead times.

Nitrex 70 RCS

WEDGE BLOCK



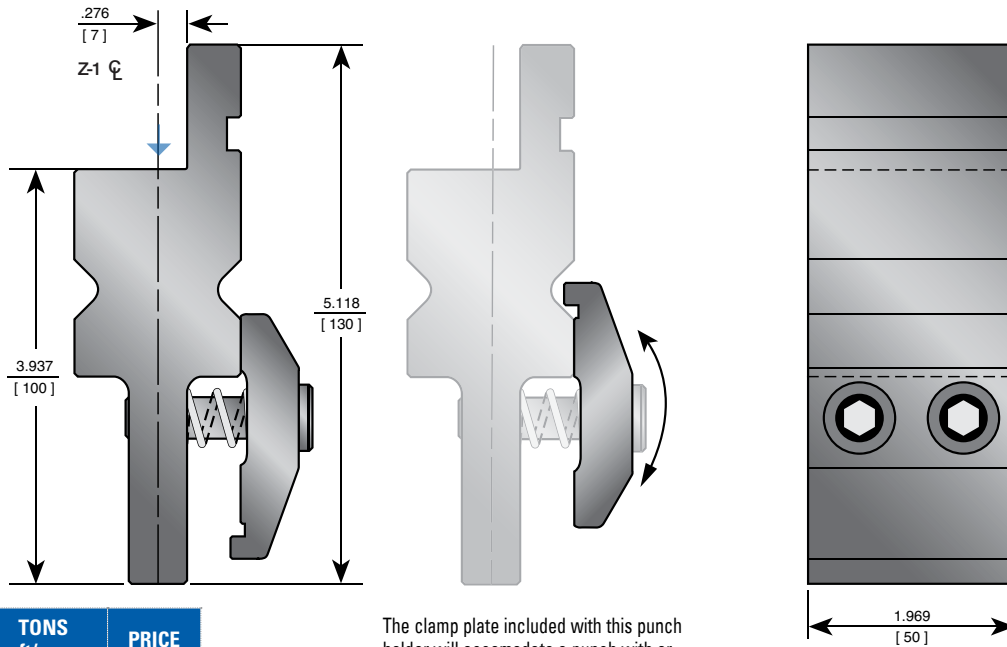
TOP VIEW



SIDE VIEW

CAT. NO	PRICE
43559	

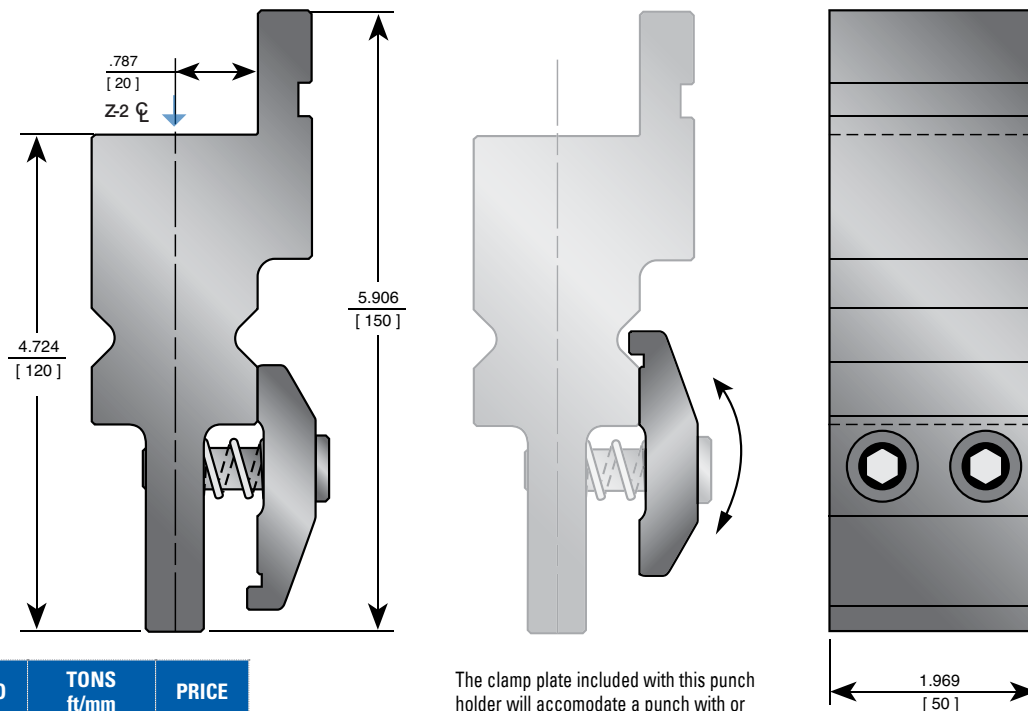
Z1 NARROW PUNCH HOLDER



CAT. NO	TONS ft/mm	PRICE
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



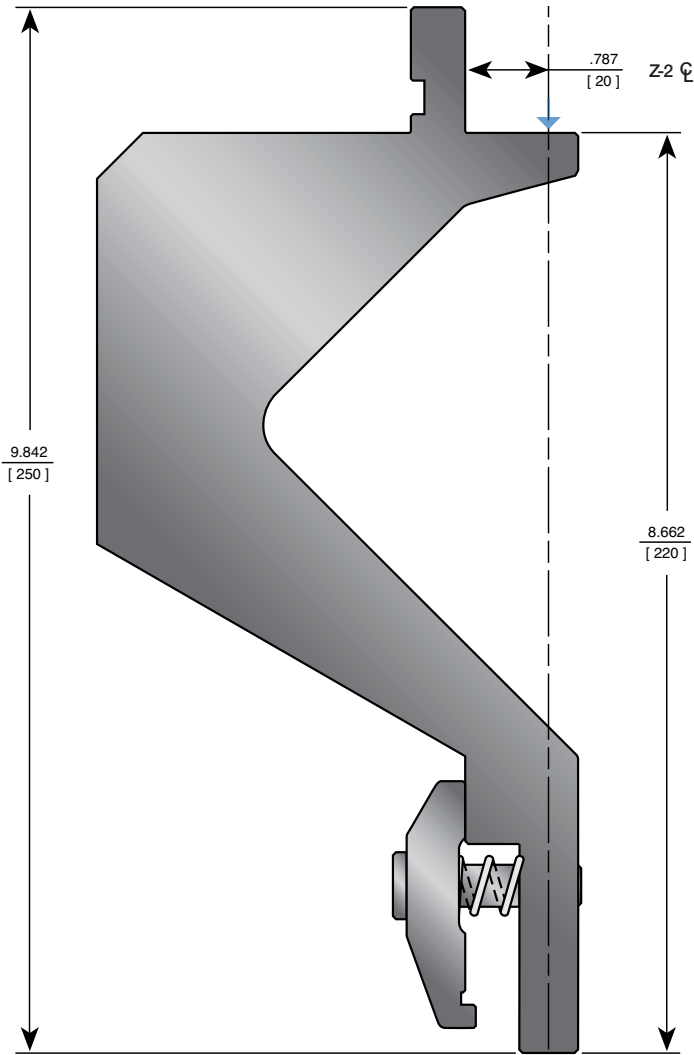
CAT. NO	TONS ft/mm	PRICE
43001	30 / 100	

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

↓ Indicates where tonnage is applied.

● STANDARD MANUAL CLAMPING ●

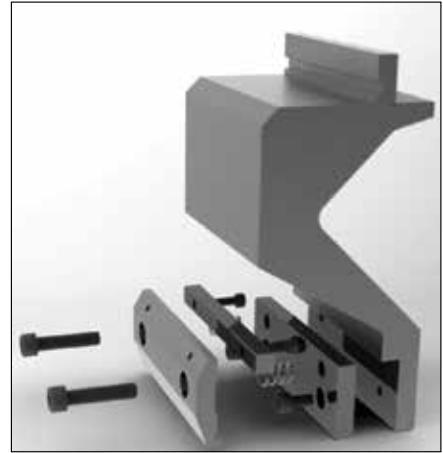
Z2 STYLE DEEP



43002 Z2 Punch Holder

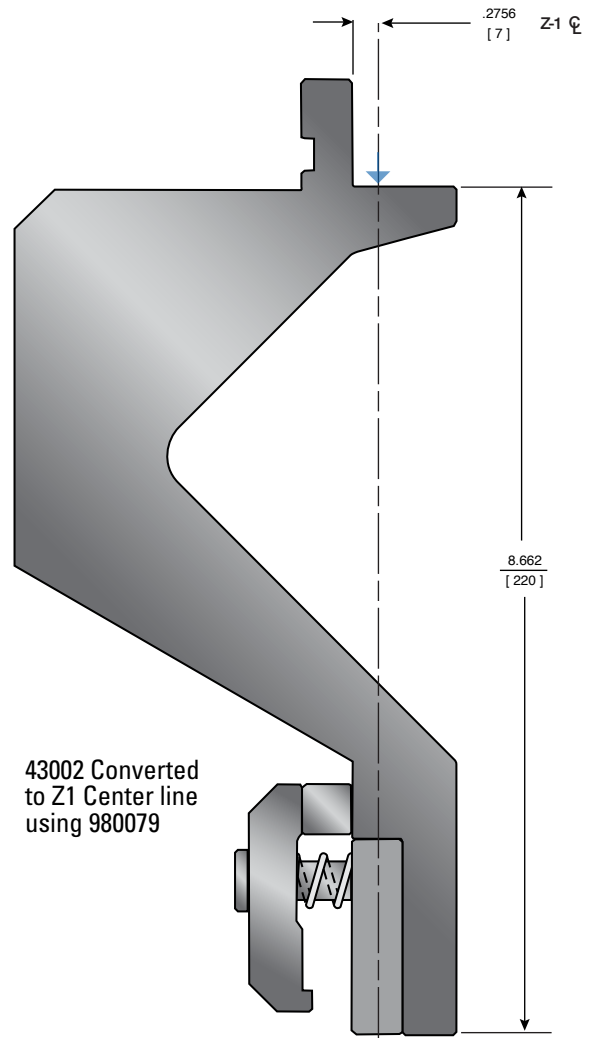
CAT. NO	MAX. TON FT/METER	LENGTH	PRICE
43002	15 / 50	5.906 [150mm]	
980079	Z1 Conversion Kit	5.906 [150mm]	

↓ Indicates where tonnage is applied.

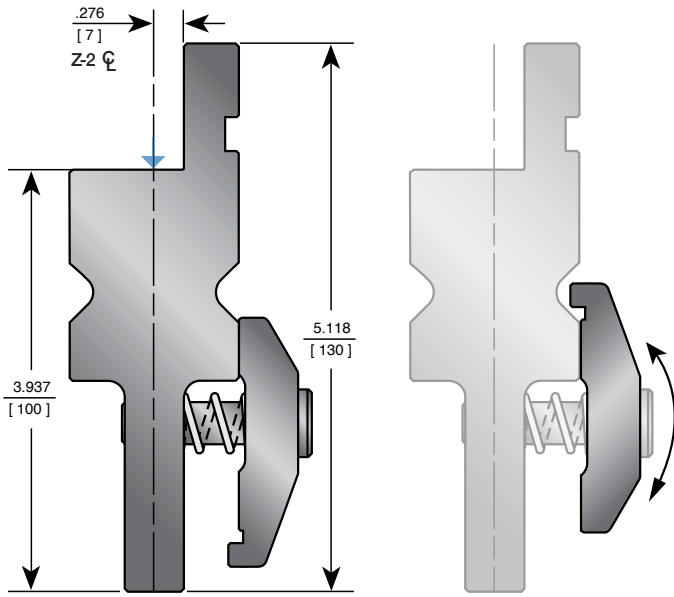


980079 Z1 Conversion Kit

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



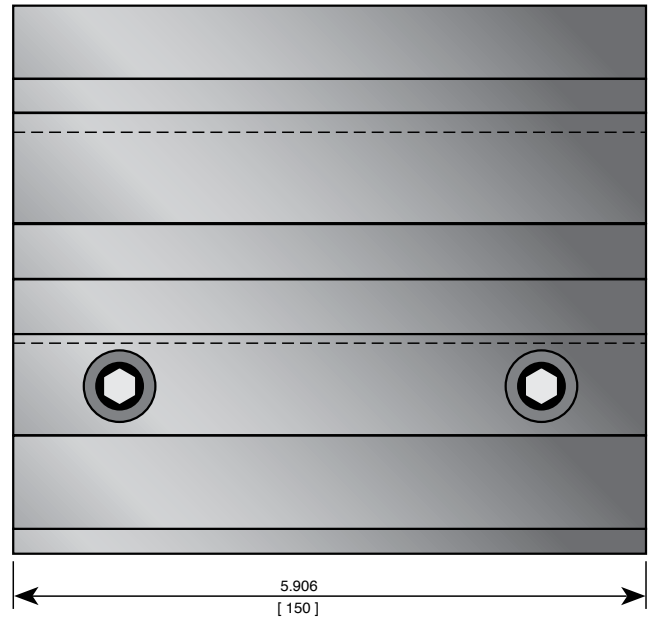
43002 Converted to Z1 Center line using 980079



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

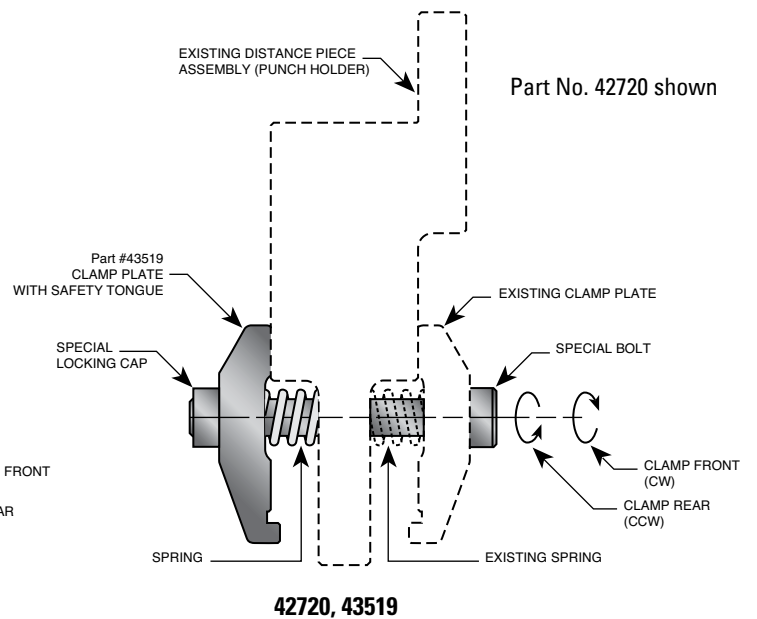
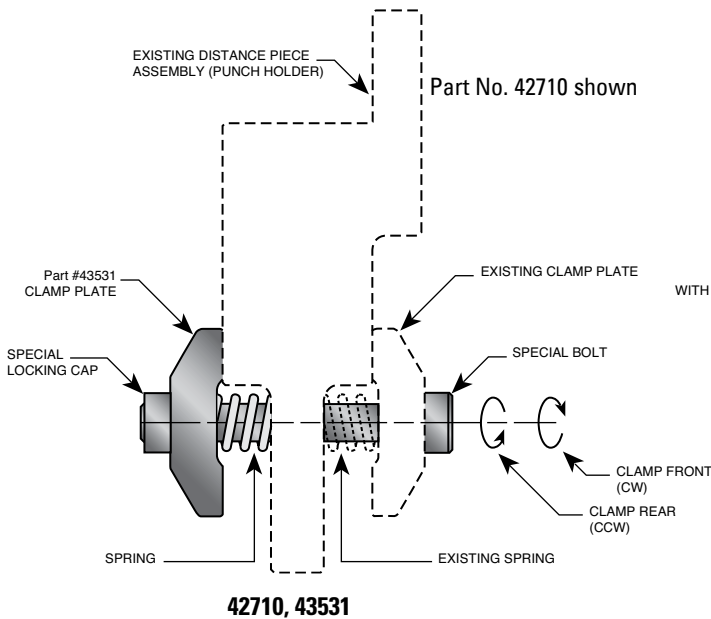
↓ Indicates where tonnage is applied.

EUROPEAN STACKING PUNCH HOLDER



CAT. NO	FT / TON	PRICE
43003	30 / 100	

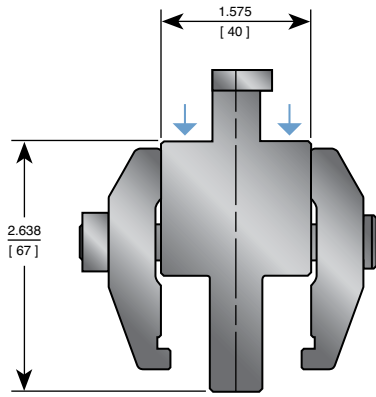
DUAL CLAMPING KIT



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

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

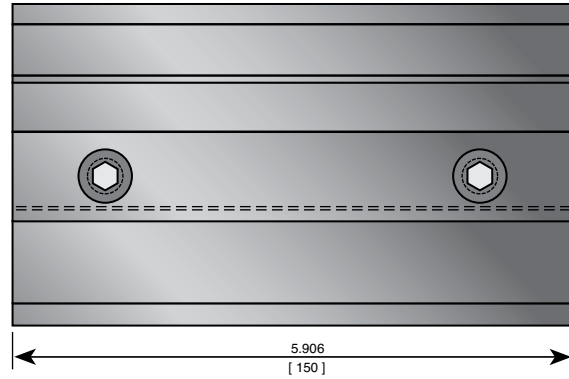
STANDARD MANUAL CLAMPING



For Conventional Press Brakes without punch holder height adjustment.

American to European Punch Adaptors Tonnage = 30/ft.

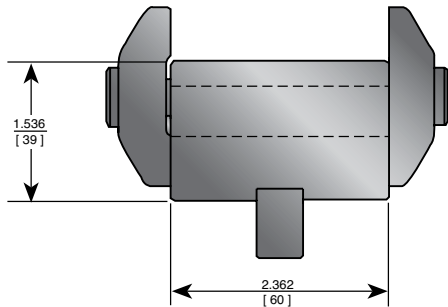
↓ Indicates where tonnage is applied.



AMERICAN TO EUROPEAN PUNCH HOLDER

CAT. NO	DESCRIPTION	MAX TON/FT	5.906" [150mm]
43004	American to European Punch Adapter	30	

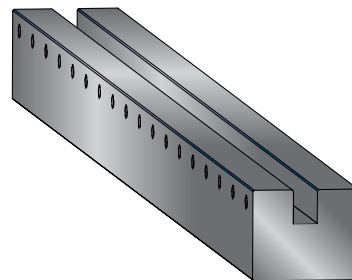
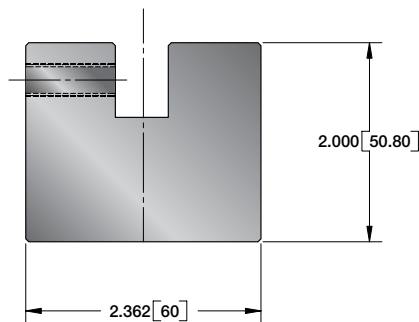
STANDARD MANUAL CLAMPING



AMERICAN TO EUROPEAN DIE HOLDER

CAT. NO	DESCRIPTION	MAX TON/FT	L 36"	S 18"
43006	American to European Die Holder	40		

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



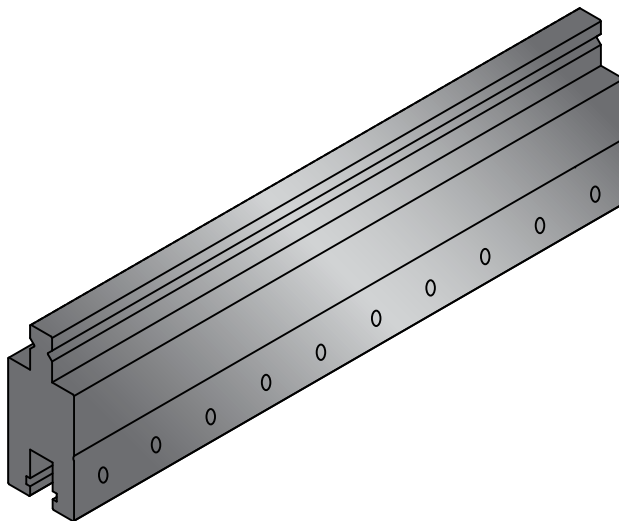
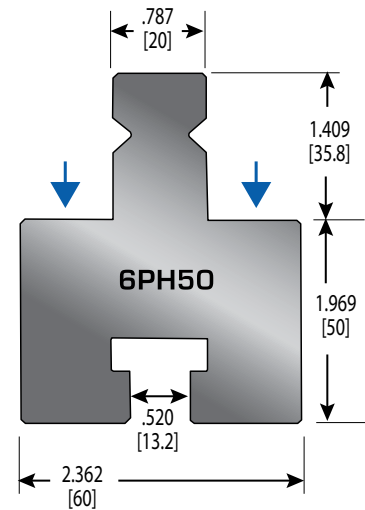
EUROPEAN TO AMERICAN DIE HOLDER

CAT. NO	DESCRIPTION	MAX TON/FT	L 36"	S 18"
43590	European to American Die Holder	40		

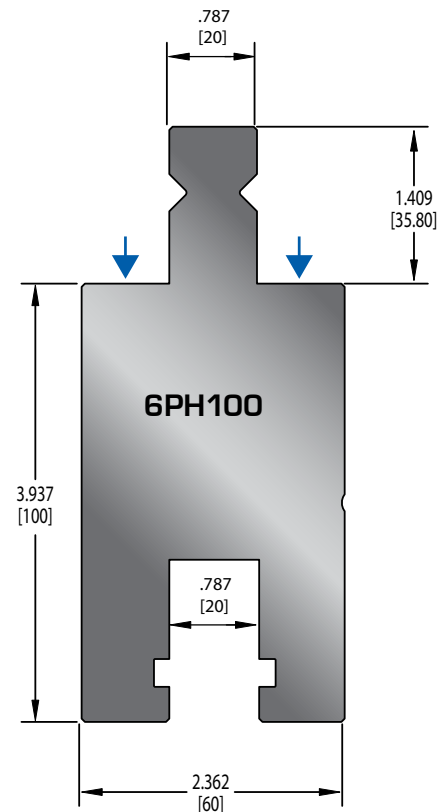
PUNCH HOLDER

WT TO AMERICAN PUNCH HOLDER							
Cat. No.	H Height inch [mm]	kN/m	Max Ton feet [meter]	500 19.7 [500mm]	X Sectionalized 41.3 [1050mm]	X1 Sectionalized 19.7 [500mm]	X2 Sectionalized 21.65 [550mm]
6PH50	1.969 [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 inch [mm]	kN/m	Max Ton feet [meter]	500 19.7 [500mm]	X Sectionalized 41.3 [1050mm]	X1 Sectionalized 19.7 [500mm]	X2 Sectionalized 21.65 [550mm]
6PH100	3.937 [100]	2300	70 [232]				

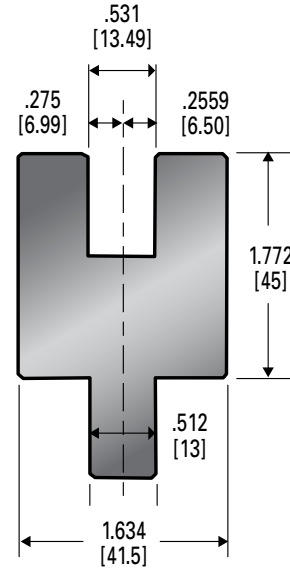
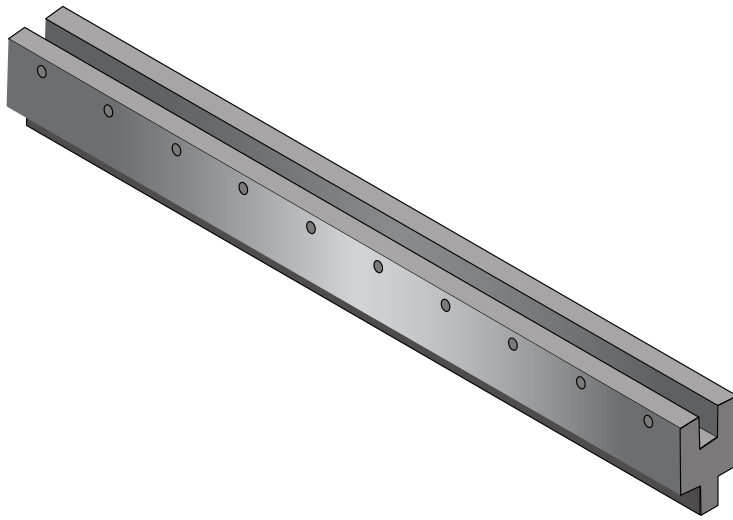


↓ Indicates where tonnage is applied.

STANDARD MANUAL CLAMPING

STANDARD MANUAL CLAMPING

WT TO WT STYLE TOOLING

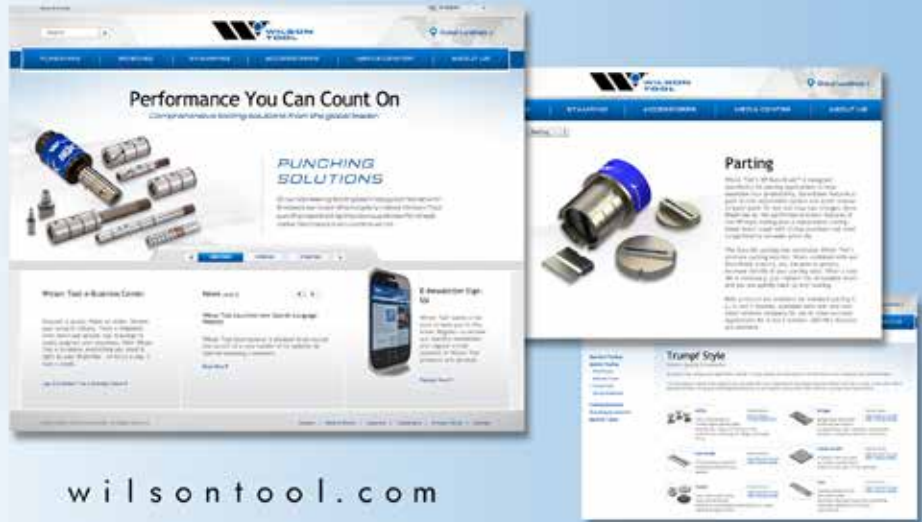


WT TO WT STYLE DIE HOLDER

Cat. No.	Height	kN/m	Max Ton/Meter	Max Ton/Foot	500	X	X1	X2
6DH645	1.772 [45]	1700	175	52				

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