



WILSON TOOL PRESS BRAKE CLAMPING SOLUTIONS

2025

ABOUT WILSON TOOL INTERNATIONAL

From humble beginnings in a small manufacturing facility in St. Paul, Minnesota, Wilson Tool International has added manufacturing facilities and sales channels around the world to better serve our thousands of global customers. Throughout our expansion, our mission has never wavered — we continue to offer products and services that help you be more successful. Every product you buy, every employee with whom you communicate, and every training event you attend, are designed to help customers just like you be more successful.

At Wilson Tool, we continue to invest in your success through constant innovation. Our tooling and solutions represent decades of knowledge and experience in assisting manufacturers resolve their most challenging fabrication issues. We understand that no two jobs are the same. Change is the only constant in manufacturing. So, working with a tooling supplier who's flexible, nimble, and knowledgeable is important.

Our goal is to deliver exceptional
customer service
along with the most reliable and
innovative products and solutions
so that our **customers**
can be more successful.

When you have a challenge, reach out to us. At Wilson Tool we are more than tools... we are solutions. Your local Sales Engineer is available in person, by phone and through e-mail. Let us put our many decades of expertise to the test. We will work with you to find the best possible solution to whatever challenge you may be facing. And every order comes with our guarantee to outperform your current tooling.

From all of us at Wilson Tool, thank you for the trust you have placed in us to provide products and services that are critical to your business. We look forward to your continued success as we head into the future.



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TERMS AND CONDITIONS

Please note, all orders are subject to Wilson Tool International’s Terms and Conditions which include pricing, payment, delivery, warranties, and our return policy. To view our full Terms and Conditions, visit wilsontool.com/en-us/terms-conditions.

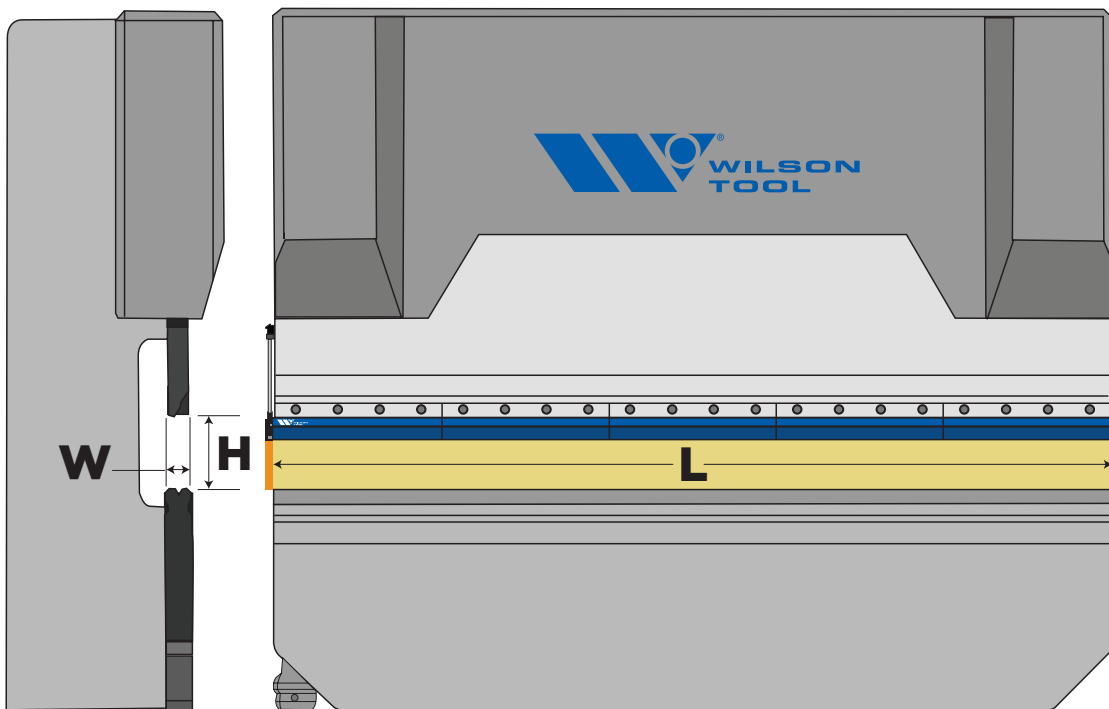
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CLAMPING SYSTEMS CHECKLIST

Punch and die holders are fundamental to any press brake, providing machine protection and securing the tooling. After choosing your clamping system, refer to this checklist to gather the necessary specifications for correct installation and fit.

CONTACT INFORMATION

COMPANY NAME		CONTACT NAME	
ACCOUNT		PHONE NUMBER	
EMAIL ADDRESS			



CLAMPING SYSTEMS CHECKLIST

PRESS BRAKE CHARACTERISTICS

MAKE	
MODEL	
LENGTH: L*	
TONNAGE	
OPEN HEIGHT: H	
STROKE	

*If exact beam length is critical, contact a tooling technician at Wilson Tool International.

UPPER BEAM – CONFIGURATION

American European Z1 European Z2 WT UBP

Other: _____

Upper Beam Width **W**: _____

LOWER BEAM – CONFIGURATION

American WT European 60mm European 90mm

UBP Other: _____

Lower Beam Width **W**: _____



SPEED SETUPS & REFRESH YOUR PRESS BRAKE

A new clamping system dramatically reduces setup and changeover time while refreshing your machine's bending surface. Choose from Wilson Tool International's comprehensive solutions: from lightning-speed push-button clamps and deflection-controlling crowning systems to quick lever-activated or economical manual clamps.

To minimize ordering time, use the Part Number Building Key below and the Clamping Systems Checklist to prepare your order efficiently.

COMMON MOUNTING METHODS

Self Aligning (WT, American, Z1, Z2, European 60mm, European 90mm)

This option requires little experience to align the new holders with the center of the upper beam of the brake.

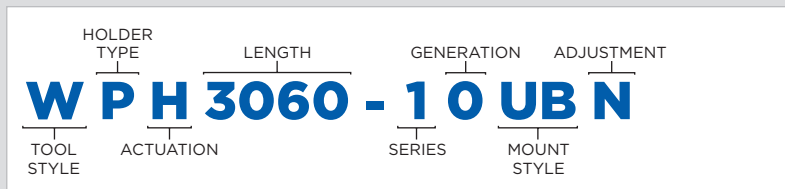
What is a UBP?

UBP is the acronym for Universal Bolt Pattern. This is the method of mounting to the upper or lower beams of a press brake that requires knowledge of a bolt pattern. If you are ordering this product from an OEM, the OEM will ensure the fit.

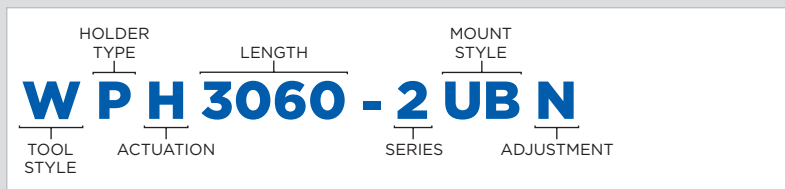
Part Number Building Key	
TOOL STYLE A = American W = WT	MOUNT STYLE UB = UBP AM = American WT = WT 60 = Euro 60mm 90 = Euro 90mm Z1 = Euro Z1 Z2 = Euro Z2
HOLDER TYPE P = Punch D = Die	ADJUSTMENT CL = Crowning Left CR = Crowning Right N = None
ACTUATION M = Manual H = Hydraulic	BRAND WIL = Wilson
SERIES 1 = 1000 2 = 2000	
GENERATION 0 = First 1 = Second	

Note: All tonnages shown in this catalog are based on direct load and do not apply for thrusting applications.

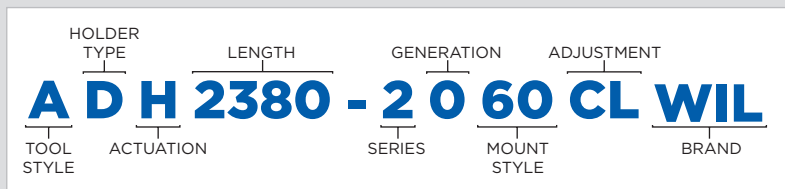
Express Rail® 1000 Part Number Building Example

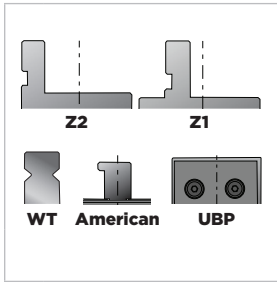


Express Rail® 2000 Part Number Building Example



Express Crowning® Part Number Building Example





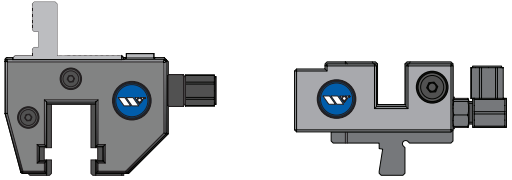



		WT-STYLE			
		eCLAMP™		EXPRESS RAIL® 1000	
		PUNCH HOLDERS*	DIE HOLDERS	PUNCH HOLDERS*	DIE HOLDERS
TOOLING INFORMATION	TOOL STYLE	WT: 20mm [.787"]	WT: 13.0mm [.512"]	WT: 20mm [.787"]	WT: 13.0mm [.512"]
	SEATING	Push Button, Click n Slide, Solid Pin	—	Push Button, Click n Slide, Solid Pin	—
	SHORTEST PIECE TO CLAMP	15.8mm [0.625"]		15.8mm [0.625"]	
	HARDNESS	—	—	70 HRC	
	TOOL: TOP LOAD†	240 tons/m 2335 kN/m 80 tons/ft.	—	240 tons/m 2335 kN/m 80 tons/ft.	—
	TOOL: SHOULDER LOAD (Symmetric)†	270 tons/m 2627 kN/m 90 tons/ft.	270 tons/m 2627 kN/m 90 tons/ft.	270 tons/m 2627 kN/m 90 tons/ft.	270 tons/m 2627 kN/m 90 tons/ft.
	TOOL WEIGHT LIMIT TO CLAMP & SEAT kg/m (lbs./ft.)**	91kg [200 lbs.]	—	91kg [200 lbs.]	—
CLAMPING INFORMATION	METHOD TO SECURE TO THE PRESS BRAKE	American, UBP, Z2, Z1	American, WT, 60mm, 90mm	American, UBP, Z2, Z1	American, WT, 60mm, 90mm
	POWER, METHOD, ACTUATION	Electric Motor Wired or Machine Control		Hydraulic, Bladder, Wireless or Wired	
	BEAM CONSTRUCTION	Modular (170mm Bodies)		Modular	
	WORKING HEIGHT	Mounting Plate:†† 30.0mm [1.181"] eClamp: 75.0mm [2.953"] Total: 105.0mm [4.134"]	Mounting Plate: 30.0mm [1.181"] eClamp: 65.0mm [2.559"] Total: 95.0mm [3.740"]	American, Z1, Z2: 62mm [2.441"] UBP: 80mm [3.15"]	American: 40mm [1.575"] 60mm, 90mm: 55mm [2.165"]
	OPERATING PRESSURE	170-200 lbf per motor, Mechanically Bound		450 – 700 PSI [31 – 48 Bar]	
	ALIGNMENT TX (Front to Back)	—	—	—	—
	ALIGNMENT TY – MICRO CROWN (Height/Up and Down)	Not Available		Available upon request	
	CROWNING ADJUSTMENT	—	—	—	—

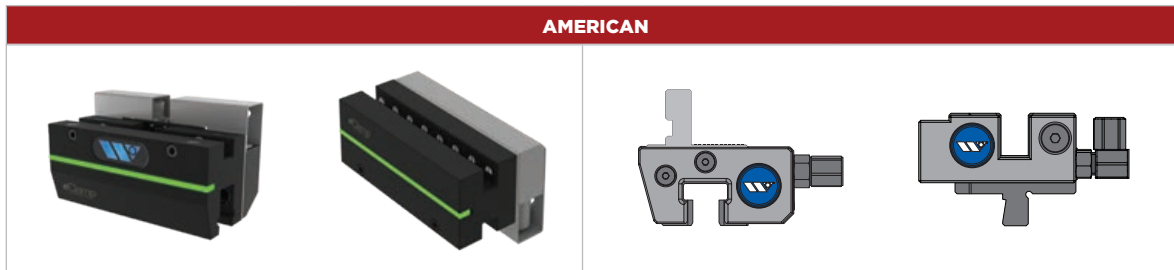
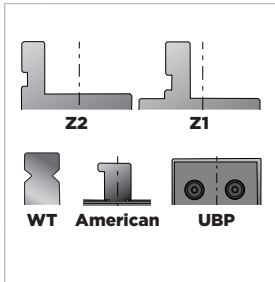
*MUST HAVE SAFETY TANG.

**Tools have different ratings for symmetric verses off center. Ratings shown are for symmetric tooling.

†All tonnages are based on direct load and do not apply for thrusting applications. ††Add 14mm to Mounting Plate if AM,Z1 or Z2.



WT-STYLE				EUROPEAN
				
EXPRESS RAIL® 2000		CROWNING	EXPRESS	EXPRESS CLAMPS
PUNCH HOLDERS*	DIE HOLDERS	DIE HOLDERS	DIE HOLDERS	PUNCH HOLDERS
WT: 20mm [.787"]	WT: 13.0mm [.512"]	WT: 13.0mm [.512"]	WT: 13.0mm [.512"]	Euro Z1: 7mm Center Line
Push Button, Click n Slide, Solid Pin	—	—	—	During First Bend
15.8mm [0.625"]		15.8mm [0.625"]		10mm [0.394"]
28 - 32 HRC		28 - 32 HRC		70 HRC
210 tons/m 2043 kN/m 70 tons/ft.	—	—	—	—
250 tons/m 2452 kN/m 84 tons/ft.	240 tons/m 2335 kN/m 80 tons/ft.	240 tons/m 2335 kN/m 80 tons/ft.	270 tons/m 2627 kN/m 90 tons/ft.	104 tons/m 1314 kN/m 35 tons/ft.
91kg [200 lbs.]	—	—	—	—
American, UBP, Z2, Z1	American, UBP, WT, 60mm, 90mm	American, WT, 60mm, 90mm, UBP	American, WT, 60mm, 90mm	American, Z2, Z1
Hydraulic, Bladder, Wireless or Wired		Hydraulic or Mechanical, Bladder or Set Screw, Wireless or Manual	Mechanical, Cam, Handle	Mechanical, Cam, Handle
Solid Body		Solid Body	Modular	Modular
American, Z1, Z2: 62mm [2.441"] UBP: 80mm[3.15"]	American, WT, UBP, 60mm, 90mm: 55mm [2.165"]	American, WT, UBP: 95mm [3.740"] 60mm, 90mm: 110mm [4.33"]	American, WT: 40mm [1.575"] 60mm, 90mm: 65mm [2.559"]	American, Z1: 100mm Z2: 120mm
450 - 700 PSI [31 - 48 Bar]		450 - 700 PSI or Set Screws	—	—
—	—	UBP only: ±.76mm [.030"]	—	—
Available upon request		.76mm [.030"]	—	—
—	—	Up to 0 - 3.5mm [0 - .138"]	—	—



		AMERICAN			
		eCLAMP™		EXPRESS RAIL® 1000	
		PUNCH HOLDERS*	DIE HOLDERS	PUNCH HOLDERS*	DIE HOLDERS
TOOLING INFORMATION	TOOL STYLE	G Tang/Straight Tang American: 12.7mm [.500"]		American: 12.7mm [.500"]	
	SEATING	G Tang American: 12.7mm [.500"] with Buttons		—	
	SHORTEST PIECE TO CLAMP	12.7mm [0.5"]		12.7mm [0.5"]	
	HARDNESS	—		70 HRC	
	TOOL: TOP LOAD†	—		—	
	TOOL: SHOULDER LOAD (Symmetric)†	270 tons/m 2627 kN/m 90 tons/ft.	270 tons/m 2627 kN/m 90 tons/ft.	240 tons/m 2335 kN/m 80 tons/ft.	270 tons/m 2627 kN/m 90 tons/ft.
	TOOL WEIGHT LIMIT TO CLAMP & SEAT kg/m (lbs./ft.)**	91kg [200 lbs.]	—	91kg [200 lbs.]	—
CLAMPING INFORMATION	METHOD TO SECURE TO THE PRESS BRAKE	American, UBP, Z2, Z1	American, UBP, WT, 60mm, 90mm	American, UBP, Z2, Z1	American, WT, 60mm, 90mm
	POWER, METHOD, ACTUATION	Electric Motor Wired or Machine Control		Hydraulic, Bladder, Wireless or Wired	
	BEAM CONSTRUCTION	Modular (170mm Bodies)		Modular	
	WORKING HEIGHT	Mounting Plate:†† 30.0mm [1.181"] eClamp: 75.0mm [2.953"] Total: 105.0mm [4.134"]	Mounting Plate: 30.0mm [1.181"] eClamp: 65.0mm [2.559"] Total: 95.0mm [3.740"]	American, Z1, Z2: 40.6mm [1.598"] UBP: 80mm [3.15"]	American, WT: 40mm [1.575"] 60mm, 90mm: 55mm [2.165"]
	OPERATING PRESSURE	170-200 lbf per motor, Mechanically Bound		450 – 700 PSI [31 – 48 Bar]	
	ALIGNMENT TX (Front to Back)	—		—	
	ALIGNMENT TY – MICRO CROWN (Height/Up and Down)	Not Available		Available upon request	
	CROWNING ADJUSTMENT	—		—	

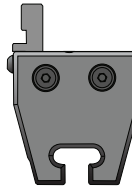
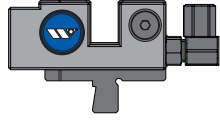
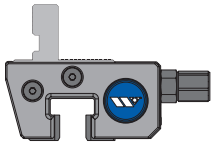
*MUST HAVE SAFETY TANG.

**Tools have different ratings for symmetric verses off center. Ratings shown are for symmetric tooling.

†All tonnages are based on direct load and do not apply for thrusting applications. ††Add 14mm to Mounting Plate if AM,Z1 or Z2.



AMERICAN



EXPRESS RAIL® 2000		POWER EXPRESS®		CROWNING
PUNCH HOLDERS*	DIE HOLDERS	PUNCH HOLDERS	DIE HOLDERS	DIE HOLDERS
G Tang/Straight Tang American: 12.7mm [.500"]	American: 12.7mm [.500"]	Straight Tang American: 12.7mm [.500"]	American: 12.7mm [.500"]	American: 12.7mm [.500"]
G Tang American: 12.7mm [.500"] with Buttons	—	Straight Tang American: 12.7mm [.500"]	—	—
12.7mm [0.5"]		12.7mm [0.5"]		15.8mm [0.625"]
28-32 HRC		70 HRC		28-32 HRC
—		—		—
229 tons/m 2248 kN/m 77 tons/ft.	240 tons/m 2335 kN/m 80 tons/ft.	210 tons/m 2043 kN/m 70 tons/ft.	270 tons/m 2627 kN/m 90 tons/ft.	240 tons/m 2335 kN/m 80 tons/ft.
91kg [200 lbs.]	—	76kg [167 lbs.]	—	—
American, UBP, Z2, Z1	American, UBP, WT, 60mm, 90mm	American, UBP, Z2, Z1	American, WT, 60mm, 90mm	American, WT, 60mm, 90mm, UBP
Hydraulic, Bladder, Wireless or Wired		Hydraulic, Piston, Wireless	Mechanical, Cam, Handle	Hydraulic or Mechanical, Bladder or Set Screw, Wireless or Manual
Solid Body		Modular		Solid Body
American, Z1, Z2: 40.6mm [1.598"] UBP: 80mm [3.15"]	American, WT, UBP, 60mm, 90mm: 55mm [2.165"]	American, WT, Z1, Z2: 80mm [3.150"] UBP: 90mm [3.54"]	American, WT: 40mm [1.575"] 60mm, 90mm: 65mm [2.559"]	American, WT, UBP: 95mm [3.740"] 60mm, 90mm: 110mm [4.33"]
450-700 PSI [31-48 Bar]		2400-2800 PSI [165-193 Bar]	—	450-700 PSI or Set Screws
—		—		UBP only: ±.76mm [.030"]
Available upon request		—		.76mm [.030"]
—		—		Up to 0-3.5mm [0-.138"]

CLAMPING SOLUTIONS OVERVIEW

Upgrade your machine and dramatically reduce setup and changeover times with a modern clamping system. Wilson Tool International provides a solution to renew every press brake, with options that include high-speed electric and hydraulic systems, crowning systems for precise deflection control, and reliable, economical manual clamps, ensuring improved efficiency and a longer lifespan for your equipment. Wilson Tool International provides a clamping solution to renew every press brake.



eCLAMP™ W A

eClamp™ is the world's first fully electric press brake clamp. Designed to simplify your operations and boost productivity.

- **Effortless Operation:** Our intuitive design and push-button clamping make it easy to use, even for beginners.
- **Unmatched Versatility:** Customize your setups with modular components to create solid upper beams or gap clamps in 21.25mm increments.
- **Enhanced Visibility:** Illuminate your workspace with built-in LED lighting for precise bending.
- **Reduced Downtime:** Quick and easy maintenance, and component replacement, minimizes disruption to your workflow.
- **Eco-Friendly:** Our electric design eliminates the need for hydraulic fluid and reduces your environmental impact.
- **Increased Efficiency:** Streamline your operations with faster setup times.

THE EXPRESS RAIL® FAMILY W A

The Express Rail® family dramatically cuts setup times. Clamping and seating your press brake tooling is as simple as pushing a button, controlled via a wireless or wired pendant. Both the flagship Express Rail® 1000 and the premium entry-level Express Rail® 2000 work with any press brake. They accept both WT-Style and American tooling and are specifically designed to run punches with grooved tangs.





EXPRESS CLAMPS **E**

Featuring simple manual lever activation, Express Clamps quickly clamp and seat European-style punches with simultaneous front and rear action. The sectionalized design offers flexibility for complex jobs like box bending, while also being height compatible with OEM punch holders.

- Modular tool designed to fit in existing assets
- Interlocking wedge system for bed leveling

POWER EXPRESS® **A**

Wilson Tool's PowerExpress® is a hydraulic clamping system that offers increased bending capabilities and single-operation clamp and seating. It works with any style of press brake and clamps straight tang American precision tooling. A low profile design maximizes open height, while its robust construction allows clamping of tool segments as small as 12.7mm (0.500").

- Modular design minimizes downtime if a repair is needed



EXPRESS CROWNING® SYSTEM **W A**

By avoiding machine deflection, the Express Crowning® System creates precise parts, consistently parallel with every run. Featuring spot-on crowning and micro tuning ability — giving you options for controlling crowning power and securing the die.

PUNCH AND DIE HOLDERS **W E A**

Manual holders are an economical option to provide new functionality or create a new working surface in your existing press brake. By adding a holder, you can provide height and versatility to tooling as well as protection for the upper and lower beams. These holders will offer convenience, speed and flexibility to your brake with little up-front investment.

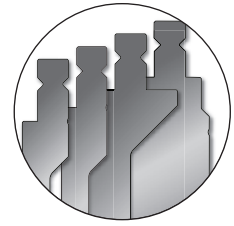


Available in: **W** WT-Style Tooling **E** European Precision Tooling **A** American Precision Tooling

eCLAMP™ | WT



Scan QR Code for More eClamp™

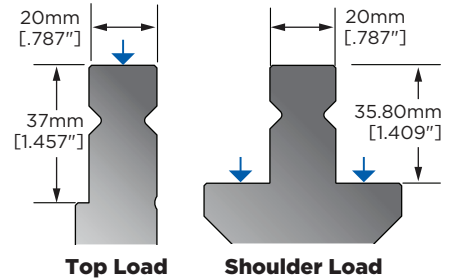


Key Features

- Fully electric mechanical clamping
- Clamp finger spacing 20mm [.787"]
- Clamp indicator lights for clamp status
- Work surface lights
- Install on new or used machines
- Service can be quickly and easily performed by the customer at a reasonable cost virtually eliminating down time
- Modular bodies can be gapped in 21.25mm [.837"] increments
- Control box is needed if not integrated with machine (pg. 46)

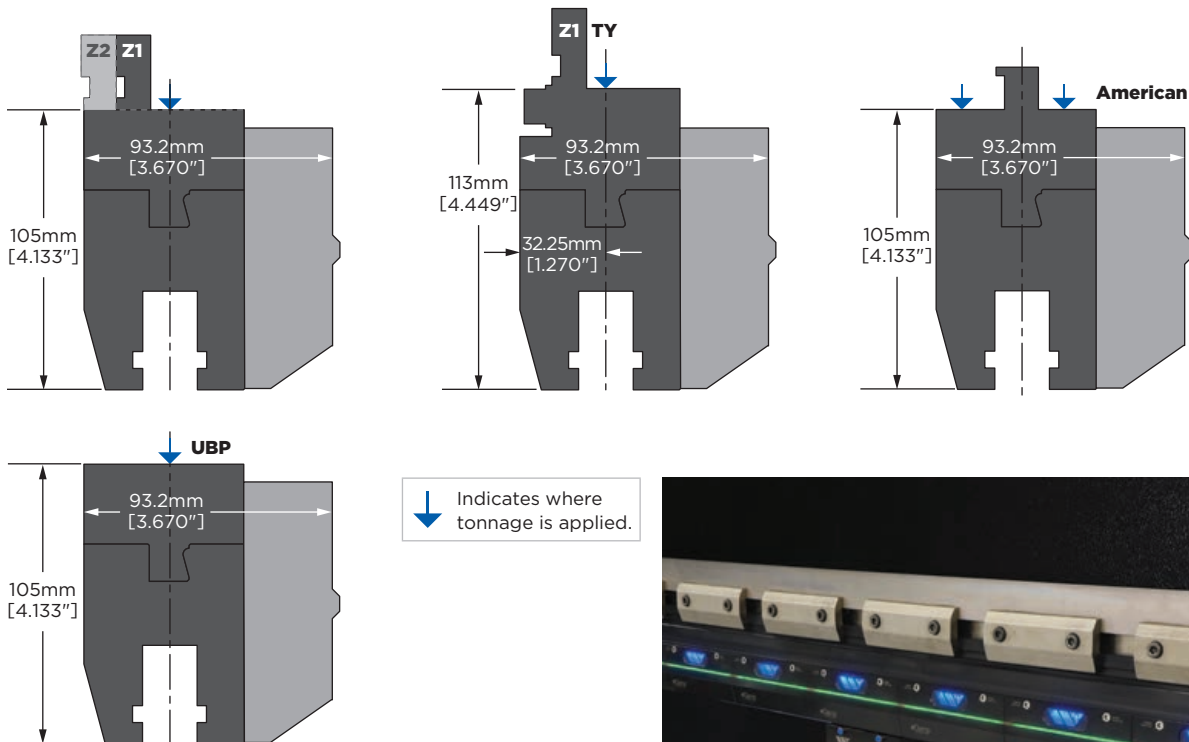
Specifications

- 24V per motor, 4 motors per 170mm Body
- Maximum tool lifting weight per foot is 297 kg [200 lbs.]



WT-STYLE TOOLING

Upper Clamp Mounting Styles *(Additional mounting styles available upon request.)*



Information Needed for eClamp™ Ordering

- Tooling style being used
- Length of mounting plate(s) needed
- Quantity of clamp bodies needed
- Select a control box (see page 46)

See the eClamp™ Ordering Guide on page 47.



eCLAMP™ | WT

Upper Clamp Mounting Styles (Additional mounting styles available upon request.)

UBP, WT, AMERICAN				
Length	Mounting Plate			Clamp Body
	ECXXUM01-510 510mm	ECXXUM01-425 425mm	ECXXUM01-255 255mm	ECWTUB01-170 170mm
850mm		1L, 1R		
1190mm	1	1L	1	7
1530mm	3			9
1785mm	3		1	10
2040mm	4			12
2380mm	3	1L, 1R		14
2550mm	5			15
3060mm	6			18
4080mm	8			24

Max. Shoulder Load =
270 T/meter;
2627 kN/meter;
90 T/ft.

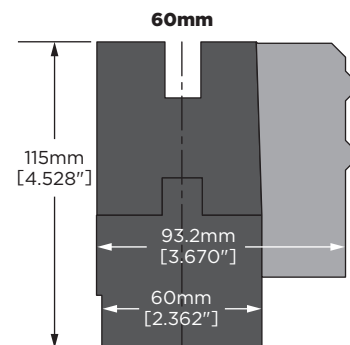
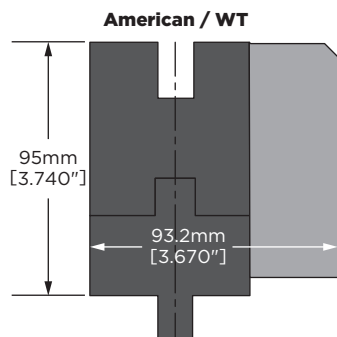
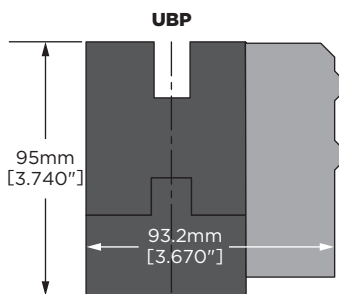
XX = MOUNT STYLE
UB = UBP
AM = American/WT

Lower Clamp Mounting Styles

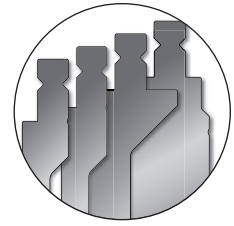
UBP, WT, AMERICAN, 60mm, 90mm				
Length	Mounting Plate			Clamp Body
	ECXXLM01-510 510mm	ECXXLM01-425 425mm	ECXXLM01-255 255mm	ECWTLB01-170 170mm
850mm		1L, 1R		
1190mm	1R	1L	1	7
1530mm	1R, 1C, 1L			9
1785mm	1R, 1C, 1L		1	10
2040mm	1R, 2C, 1L			12
2380mm	1R, 1C, 1L	2C		14
2550mm	1R, 3C, 1L			15
3060mm	1R, 4C, 1L			18
4080mm	1R, 6C, 1L			24

Max. Shoulder Load =
270 T/meter;
2627 kN/meter;
90 T/ft.

XX = MOUNT STYLE
UB = UBP
AM = American/WT
60 = 60mm
90 = 90mm

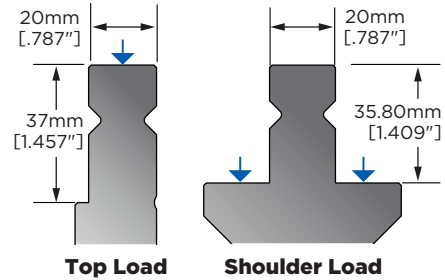


EXPRESS RAIL® 1000 | WT



Key Features

- Hydraulically clamps WT-Style and all other similar 20mm [.787"] wide tang punches
- Clamps tool segments as small as 15.8mm [.625"]
- Low profile to maximize open height
- Nitrex® enhanced to 70 HRC
- Wireless control
- Hydraulic power pack with multiple voltage options is needed if not able to integrate with the machine (pg. 46)
- Modular by design — individual sections can be replaced, if needed, in the unfortunate event that damage occurs



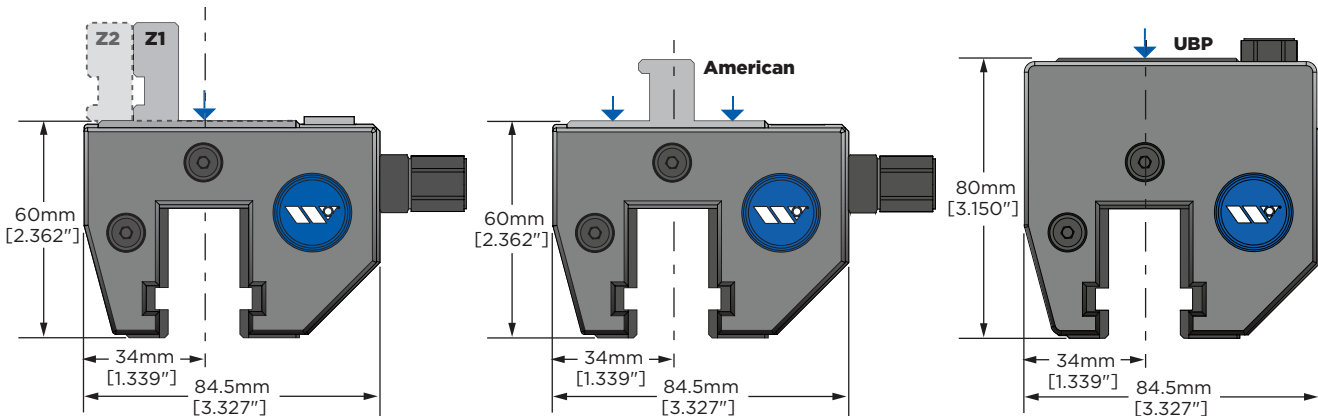
Specifications

- Operating pressure: 450 - 700 PSI [31 - 48 Bar]
- Flow Range: 5.7 - 8.3 l/min. [1.5 - 2.2 GPM]
- Maximum tool lifting weight per foot is 91 kg [200 lbs.]

Note: Lengths shown indicate the actual clamping surface. Add the length of the end cap to get the overall length.

WT-STYLE TOOLING

Upper Clamp Mounting Styles *(Additional mounting styles available upon request.)*



↓ Indicates where tonnage is applied.

Part Number Building									
BEAM	TOOL STYLE	HOLDER TYPE	ACTUATION	LENGTH	SERIES	MOUNT STYLE	ADJUSTMENT	BRAND	
UPPER	W	P	H	SEE LENGTHS AVAILABLE	11	SELECT YOUR MOUNT STYLE	N	WIL	
LOWER	W	D	H		11		N		

See pages 4 - 5 for more detailed information on Part Number Building.



EXPRESS RAIL® 1000 | WT

Upper Clamp Mounting Styles

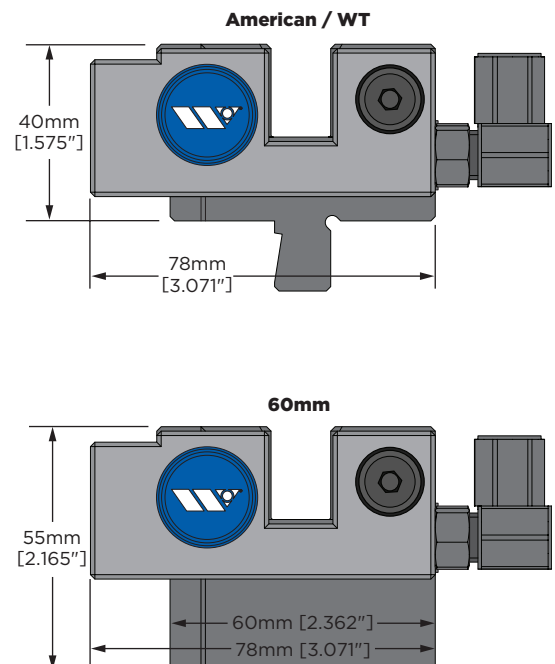
Z1, Z2, AMERICAN, UBP		
	Length	Part No.
Max. Shoulder Load = 270 T/meter; 2627 kN/meter; 90 T/ft. XX = MOUNT STYLE UB = UBP AM = American Z1 = European Z1 Z2 = European Z2	1190mm	WPH1190-11XXNWIL
	4 ft.*	WPH1211-11XXNWIL
	1530mm	WPH1530-11XXNWIL
	1785mm	WPH1785-11XXNWIL
	6 ft.*	WPH1829-11XXNWIL
	2040mm	WPH2040-11XXNWIL
	2380mm	WPH2380-11XXNWIL
	8 ft.*	WPH2438-11XXNWIL
	2550mm	WPH2550-11XXNWIL
	10 ft.*	WPH3039-11XXNWIL
	3060mm	WPH3060-11XXNWIL
	12 ft.*	WPH3655-11XXNWIL
	3655mm	WPH3655-11XXNWIL
	4080mm	WPH4080-11XXNWIL
14 ft.*	WPH4250-11XXNWIL	

Additional lengths available upon request.
 *UBP mount style option is unavailable.

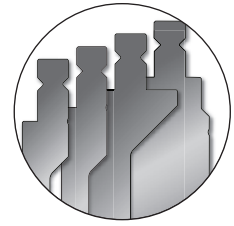
Lower Clamp Mounting Styles

60mm, 90mm, AMERICAN, WT		
	Length	Part No.
Max. Shoulder Load = 240 T/meter; 2335 kN/meter; 80 T/ft. XX = MOUNT STYLE 60 = 60mm 90 = 90mm WT = WT/American	1190mm	WDH1190-11XXNWIL
	4 ft.*	WDH1211-11XXNWIL
	1530mm	WDH1530-11XXNWIL
	1785mm	WDH1785-11XXNWIL
	6 ft.*	WDH1829-11XXNWIL
	2040mm	WDH2040-11XXNWIL
	2380mm	WDH2380-11XXNWIL
	8 ft.*	WDH2438-11XXNWIL
	2550mm	WDH2550-11XXNWIL
	10 ft.*	WDH3039-11XXNWIL
	3060mm	WDH3060-11XXNWIL
	12 ft.*	WDH3655-11XXNWIL
	4080mm	WDH4080-11XXNWIL
	14 ft.*	WDH4250-11XXNWIL
16 ft.*	WDH4866-11XXNWIL	

Additional lengths available upon request.
 *UBP mount style option is unavailable.



EXPRESS RAIL® 2000 | WT



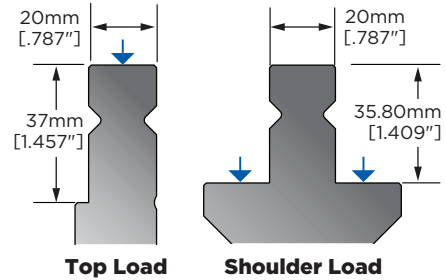
Key Features

- Hydraulically clamps WT-Style and all other similar 20mm wide tang punches
- Clamps tool segments as small as 15.8mm [.625"]
- Low profile to maximize open height
- Wireless remote or wired pendant
- Hydraulic power pack with multiple voltage options is needed if not able to integrate with the machine (pg. 46)

Specifications

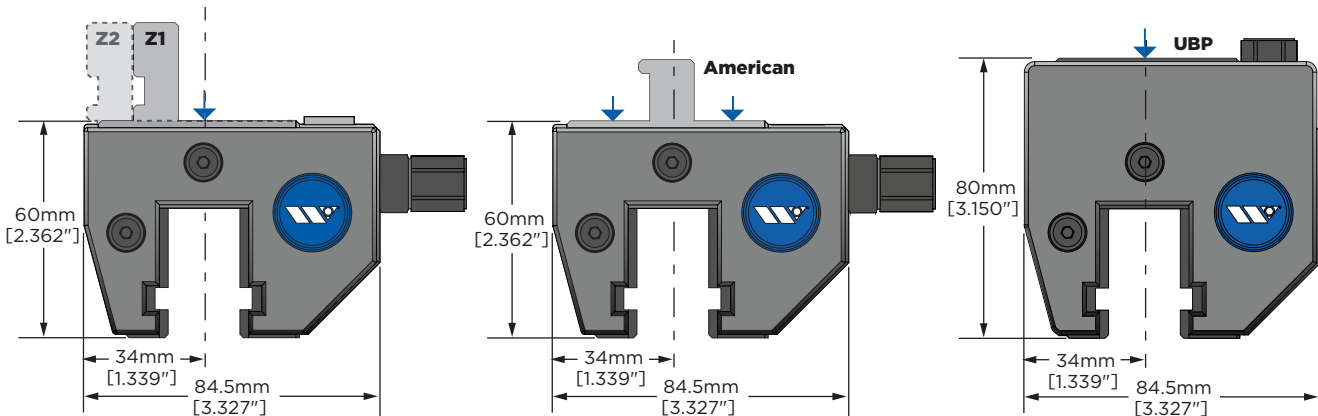
- Operating pressure: 450-700 PSI [31-48 Bar]
- Flow Range: 5.7-8.3 l/min. [1.5-2.2 GPM]
- Maximum tool lifting weight per foot is 91 kg [200 lbs.]

Note: Lengths shown indicate the actual clamping surface. Add the length of the end cap to get the overall length.



WT-STYLE TOOLING

Upper Clamp Mounting Styles *(Additional mounting styles available upon request.)*



↓ Indicates where tonnage is applied.

Part Number Building							
BEAM	TOOL STYLE	HOLDER TYPE	ACTUATION	LENGTH	SERIES	MOUNT STYLE	ADJUSTMENT
UPPER	W	P	H	SEE LENGTHS AVAILABLE	2	SELECT YOUR MOUNT STYLE	N
LOWER	W	D	H		2		N

See pages 4 - 5 for more detailed information on Part Number Building.



EXPRESS RAIL® 2000 | WT

Upper Clamp Mounting Styles

Z1, Z2, AMERICAN, UBP		
	Length	Part No.
Max. Shoulder Load = 250 T/meter; 2452 kN/meter; 84 T/ft. XX = MOUNT STYLE UB = UBP AM = American Z1 = European Z1 Z2 = European Z2	1190mm	WPH1190-2 XX N
	1530mm	WPH1530-2 XX N
	1785mm	WPH1785-2 XX N
	2040mm	WPH2040-2 XX N
	2380mm	WPH2380-2 XX N
	2550mm	WPH2550-2 XX N
	3060mm	WPH3060-2 XX N
	4080mm	WPH4080-2 XX N
	4590mm	WPH4590-2 XX N
	4845mm	WPH4845-2 XX N

Additional lengths available upon request.

Z1, Z2, AMERICAN	
Length	Part No.
4 ft.*	WPH1211-2 XX N
6 ft.*	WPH1828-2 XX N
8 ft.*	WPH2423-2 XX N
10 ft.*	WPH3038-2 XX N
12 ft.*	WPH3655-2 XX N
14 ft.*	WPH4250-2 XX N

*UBP mount style option is unavailable.

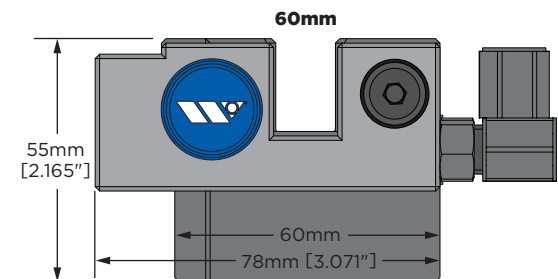
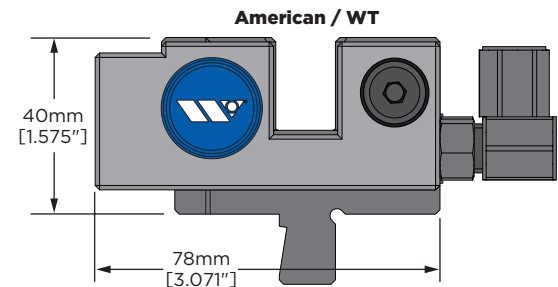
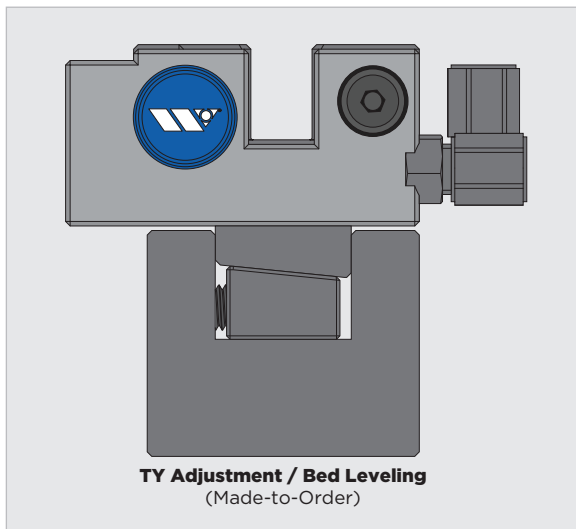
Lower Clamp Mounting Styles

60mm, 90mm, AMERICAN, WT, UBP		
	Length	Part No.
Max. Shoulder Load = 240 T/meter; 2335 kN/meter; 80 T/ft. XX = MOUNT STYLE UB = UBP 60 = 60mm 90 = 90mm WT = WT/American	1190mm	WDH1190-2 XX N
	1530mm	WDH1530-2 XX N
	1785mm	WDH1785-2 XX N
	2040mm	WDH2040-2 XX N
	2380mm	WDH2380-2 XX N
	3060mm	WDH3060-2 XX N
	3655mm	WDH3655-2 XX N
	4080mm	WDH4080-2 XX N

Additional lengths available upon request.

60mm, 90mm, AMERICAN, WT	
Length	Part No.
4 ft.*	WDH1211-2 XX N
6 ft.*	WDH1828-2 XX N
10 ft.*	WDH3038-2 XX N
14 ft.*	WDH4250-2 XX N

*UBP mount style option is unavailable.



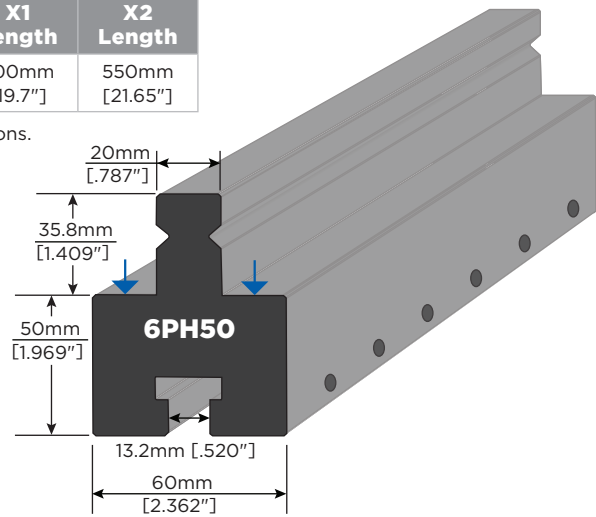
MANUAL CLAMPING | WT

Punch Holders

- Includes set screws every 50.8mm [2"]

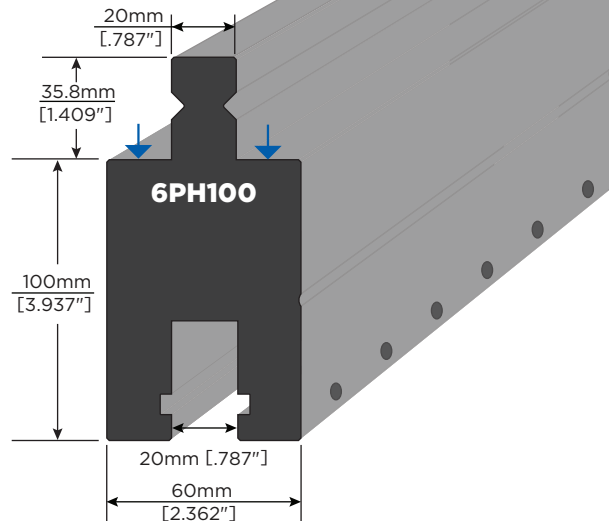
Adapt a WT MACHINE to hold AMERICAN STYLE TOOLING							
Part. No.	H Height	kN/M	Max. Ton	500 Length	SECTIONALIZED		
					X Length	X1 Length	X2 Length
6PH50	50mm [1.969"]	1900	197/m [60/ft.]	500mm [19.7"]	1050mm [41.3"]	500mm [19.7"]	550mm [21.65"]

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



Extend the punch height in a WT MACHINE to hold WT-STYLE TOOLING							
Part. No.	H Height	kN/M	Max. Ton	500 Length	SECTIONALIZED		
					X Length	X1 Length	X2 Length
6PH100	100mm [3.937"]	2300	232/m [70/ft.]	500mm [19.7"]	1050mm [41.3"]	500mm [19.7"]	550mm [21.65"]

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

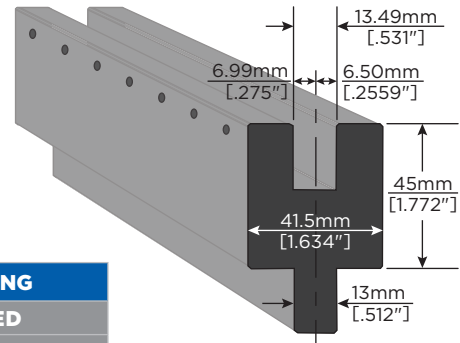


↓ Indicates where tonnage is applied.

MANUAL CLAMPING | WT

Die Holders

- Includes set screws every 50.8mm [2"]



Extend the die height in a WT MACHINE to hold WT-STYLE TOOLING							
Part. No.	H Height	kN/M	Max. Ton	500 Length	SECTIONALIZED		
					X Length	X1 Length	X2 Length
6DH45	45mm [1.772"]	1700	175/m [52/ft.]	500mm [19.7"]	1050mm [41.3"]	500mm [19.7"]	550mm [21.65"]

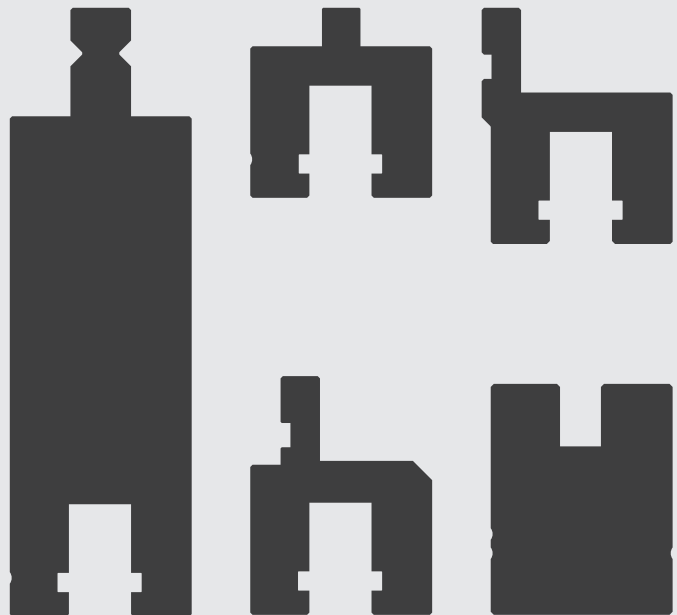
Need a 4 ft. tall punch or die holder?

Wilson Tool can make any mounting tang for any press brake to hold any style of tool as narrow or long as you need it.

Contact us today!



Scan for Punch & Die Holder Adapter Checklist



EXPRESS CROWNING® | WT

Key Features

- OEM or aftermarket mounting
- Hand crank with digital readout or CNC electric drive connected direct to the machine
- Hardened to 28-32 HRC which makes it substantially tougher than the competition
- Micro crowning every 200mm
- TY adjustable 0-0.76mm [0-0.030"]
- Hydraulic power pack with multiple voltage options is needed if not able to integrate with the machine (pg. 46)



Scan QR Code for More Crowning



Specifications

- Manual die clamping has set screws every 25mm [1"]
- Hydraulic die clamping has 8mm diameter pins every 21.25mm [0.837"]

Note: Lengths shown indicate the actual clamping surface. Add the length of the end cap to get the overall length.



Scan for Express Crowning® Checklist

WT-STYLE TOOLING

Choose Your Method of Crowning Actuation

The electric motor with mount kit and the hand crank drive are sold separate from Express Crowning®.



Electric Drive

- Designed to be integrated into the machine control
- Specify voltage at time of order
- Power cord included

VOLTAGE	PART. NO.
3-PHASE 60HZ	
230V	CNC-323060
460V	CNC-346060
3-PHASE 50HZ	
230V	CNC-323050
400V	CNC-340050



Hand Crank Drive Assembly

- Hand crank can be easily removed
- Electronic readout can display imperial or metric

PART. NO.
987341

ALSO AVAILABLE FOR HEAVY DUTY APPLICATIONS!



EXPRESS CROWNING® | WT

Then Choose Manual or Hydraulic Die Clamping

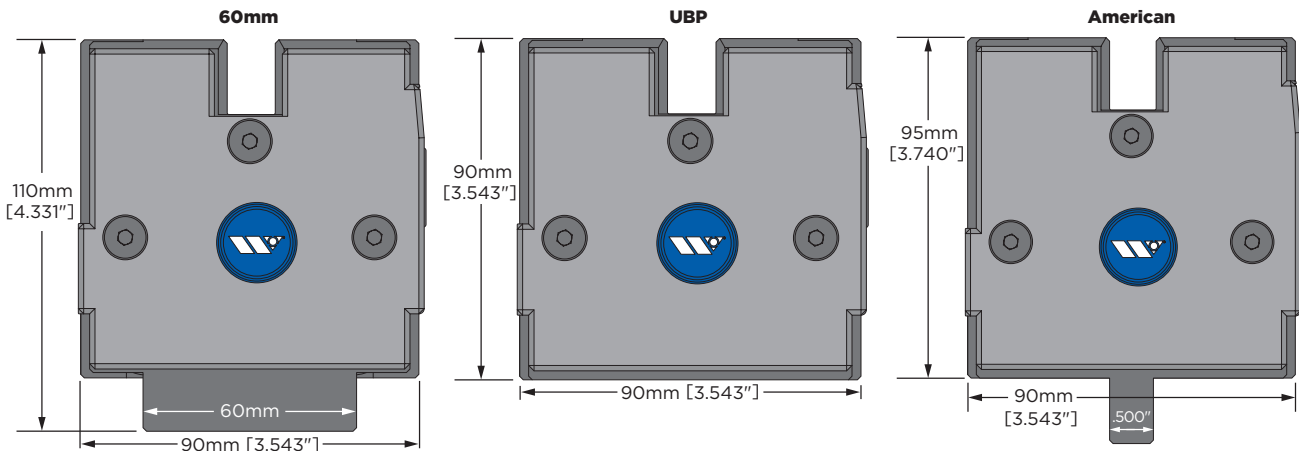
	LENGTH	MANUAL	HYDRAULIC
		Part No.	Part No.
Max. Shoulder Load = 240 T/meter; 2335 kN/meter; 80 T/ft. XX = MOUNT STYLE UB = UBP AM = AM or WT 60 = 60mm 90 = 90mm X = ADJUST L = Crowning Left R = Crowning Right	2380mm	WDM2380-20 XXCX WIL	WDH2380-20 XXCX WIL
	2423mm	WDM2423-20 XXCX WIL	WDH2423-20 XXCX WIL
	2550mm	WDM2550-20 XXCX WIL	WDH2550-20 XXCX WIL
	2720mm	WDM2720-20 XXCX WIL	WDH2720-20 XXCX WIL
	10 ft.*	WDM3038-20 XXCX WIL	WDH3038-20 XXCX WIL
	3060mm	WDM3060-20 XXCX WIL	WDH3060-20 XXCX WIL
	3230mm	WDM3230-20 XXCX WIL	WDH3230-20 XXCX WIL
	3570mm	WDM3570-20 XXCX WIL	WDH3570-20 XXCX WIL
	12 ft.*	WDM3655-20 XXCX WIL	WDH3655-20 XXCX WIL
	4080mm	WDM4080-20 XXCX WIL	WDH4080-20 XXCX WIL
	14 ft.*	WDM4250-20 XXCX WIL	WDH4250-20 XXCX WIL
	4590mm	WDM4590-20 XXCX WIL	WDH4590-20 XXCX WIL

Additional lengths available upon request.
 *UBP mount style option is unavailable.

Part Number Building

POWER	TOOL STYLE	HOLDER TYPE	ACTUATION	LENGTH	SERIES	GENERATION	MOUNT STYLE	ADJUSTMENT	BRAND
MANUAL	W	D	M	SEE LENGTHS AVAILABLE	2	0	SELECT YOUR MOUNT STYLE	SELECT MACHINE CONTROL LOCATION	WIL
HYDRAULIC	W	D	H	SEE LENGTHS AVAILABLE	2	0	SELECT YOUR MOUNT STYLE	SELECT MACHINE CONTROL LOCATION	WIL

See pages 4 - 5 for more detailed information on Part Number Building.



EXPRESS CLAMPS | EUROPEAN

Fast Manual Operation: Simple manual lever activation and simultaneous front/back clamping for rapid tooling changes.

Flexible Design: Sectionalized holders are easily gapped for box bending or pushed together for a solid upper beam.

Tool-Free Security: Clamp plates offer tool-free attachment/removal. Serrated fingers eliminate loose punches and securely hold small tooling sections.

OEM Compatibility: Height compatible with OEM punch holders for seamless integration into existing press brakes.

Universal Mounting: Available in multiple mounting styles (American, Z1, Z2, WT) with a retrofit option for existing Express Clamps.

Clamp & Seat Beveled Tangs	Clamp & Seat Straight Tangs

	Clamp Plates	Height	Part No.	Part No.
American Press Brake w/Wedge and Grooved Mounting Tang	2 Front	100mm	43815igb-2	43815igs-2
	2 Front 2 Back		43815igb	43815igs
American Press Brake w/Wedge	2 Front	100mm	43815ib-2	43815is-2
	2 Front 2 Back		43815ib	43815is
Z1 Series w/Wedge	2 Front	100mm	43817ib-2	43817is-2
	2 Front 2 Back		43817ib	43817is
Z2 Series w/Wedge	2 Front	120mm	43818ib-2	43818is-2
	2 Front 2 Back		43818ib	43818is
Trumpf-Style Press Brake w/Wedge	2 Front	140mm	43819ib-2	43819is-2
	2 Front 2 Back		43819ib	43819is

EUROPEAN STYLE TOOLING



Top View: Space holders in press brake with a traditional gap or interlock them to make a solid upper beam.

Scan QR Code to Watch the Video



EXPRESS CLAMPS | EUROPEAN



Add Express Clamps to your press brake wherever you need more efficiency. Holders are height compatible with OEM holders and can be placed in the middle of the press brake.



Part No.	Description
REPLACEMENT COMPONENTS	
A 43812b	Beveled Self-Seating Assembly
43812s	Straight Self-Seating Assembly
B 43726	Pivot (2)
C 43732	Spring (6)
8018240	Beveled Self-Seating Label
8018239	Straight Self-Seating Label
HANDLE ASSEMBLY	
D 43020	Handle Assembly
E 43727	Shaft Socket
F 43734	O-Ring

Part No.	Description
EXPRESS CLAMP TORQUE WRENCH KIT	
8002	Complete Kit Includes: Case, 2 Pivots, Wrench, 2 Hex Tips
KIT COMPONENTS	
8003	Case
43726	Pivot (2)
6793	Wrench
6795	Hex Tip (2)

EUROPEAN STYLE TOOLING

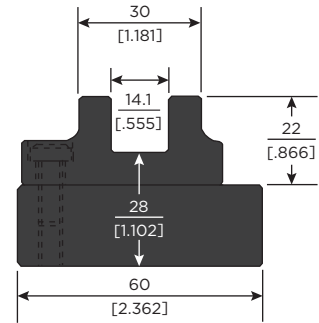
MANUAL CLAMPING | EUROPEAN

QUICK CHANGE TV DIE HOLDER (2 PIECE DESIGN)

Part No.	L	S
	Length	
43030	835mm [32.87"]	415mm [16.34"]

Note: Available with die tang. Contact application sales desk for pricing and lead times. Through hard 28 - 32 RCS.

**2-Piece Design
(No Set Screw
for Mounting)**

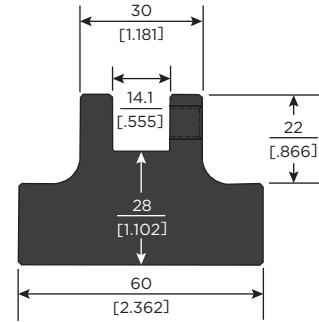


QUICK CHANGE TV DIE HOLDER (1 PIECE DESIGN)

Part No.	LT	ST
	Length	
43530	835mm [32.87"]	415mm [16.34"]

Note: Available with die tang. Contact application sales desk for pricing and lead times. Nitrex® 70 RCS.

**1-Piece Design
(With Set Screw
for Mounting)**



EUROPEAN STYLE TOOLING

WEDGE BLOCK

Part No.
43559



Top View

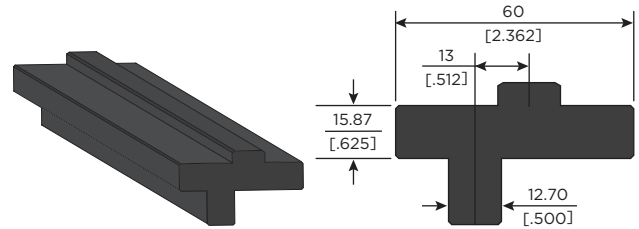


Side View

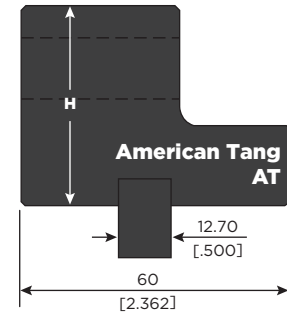


MANUAL CLAMPING | EUROPEAN

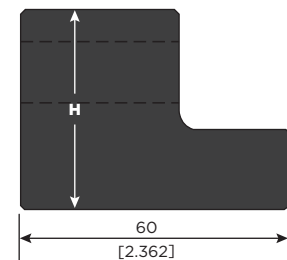
AMERICAN TO QUICK CHANGE RAIL ADAPTER (FOR QUICK CHANGE 2V DIES)			
Part No.	Maximum Ton/ft.	L	S
		Length	
53090	30	835mm [32.87"]	415mm [16.34"]



AMERICAN TO QUICK CHANGE HOLDER			
Part No.	H Height	L	S
		Length	
43021 AT	39mm [1.536"]	835mm [32.87"]	415mm [16.34"]
43022 AT	45mm [1.772"]		
43023 AT	75mm [2.953"]		

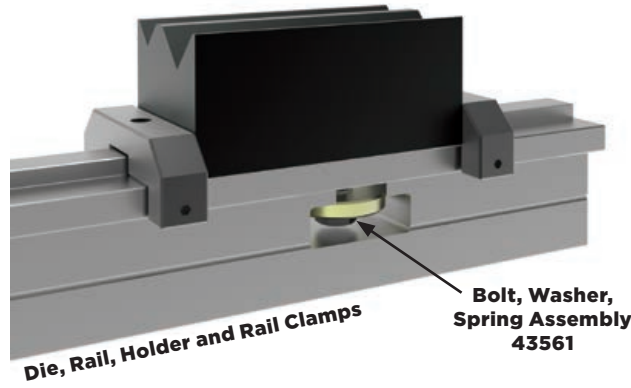
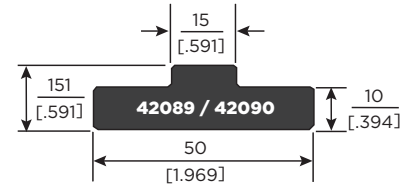


60mm TO QUICK CHANGE HOLDER			
Part No.	H Height	L	S
		Length	
43021	39mm [1.536"]	835mm [32.87"]	415mm [16.34"]
43022	45mm [1.772"]		
43023	75mm [2.953"]		

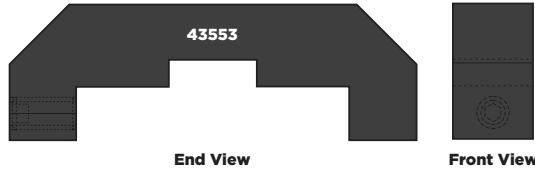


MANUAL CLAMPING | EUROPEAN

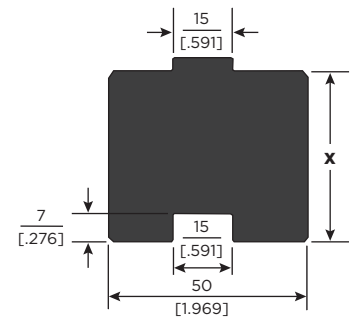
2V QUICK CHANGE RAIL			
Part No.	Description	L	S
		Length	
42089	28-32 HRc	835mm [32.87"]	415mm [16.34"]
42090	48-54 HRc		


EUROPEAN STYLE TOOLING

RAIL CLAMP	
Part No.	
43553	



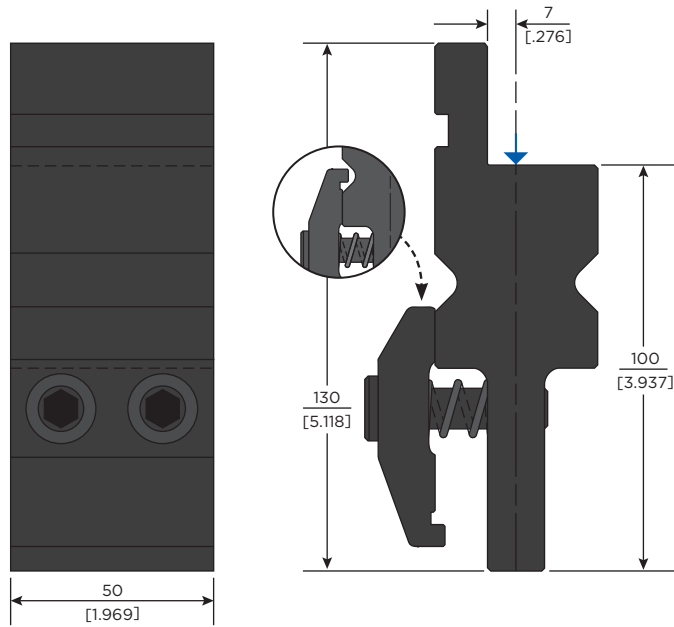
STACKING RAIL				
Part No.	Height Range	L	S	X
		Length		
42091	X = 0.575-1.250	835mm [32.87"]	415mm [16.34"]	835mm [32.87"]
42092	X = 1.251-2.000			
42093	X = 2.001-2.750			



MANUAL CLAMPING | EUROPEAN

Z1 NARROW PUNCH HOLDER	
Part No.	Tons
43000	100mm [30 ft.]

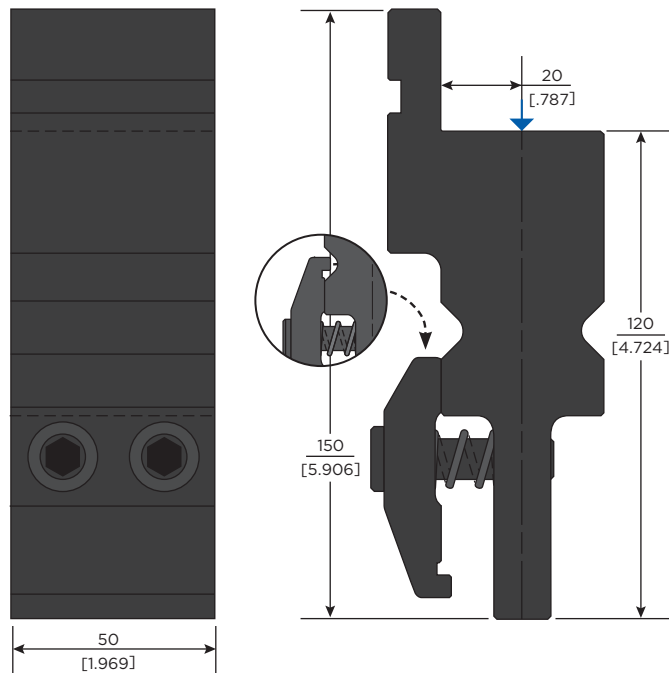
The clamp plate included with this punch holder will accommodate a punch with or without a safety groove.



↓ Indicates where tonnage is applied.

Z2 NARROW PUNCH HOLDER	
Part No.	Tons
43001	100mm [30 ft.]

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



↓ Indicates where tonnage is applied.

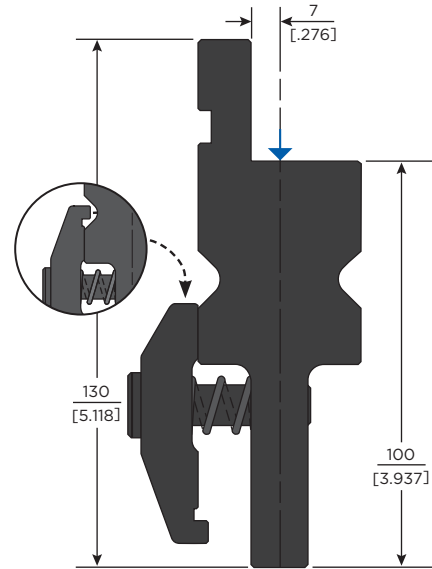
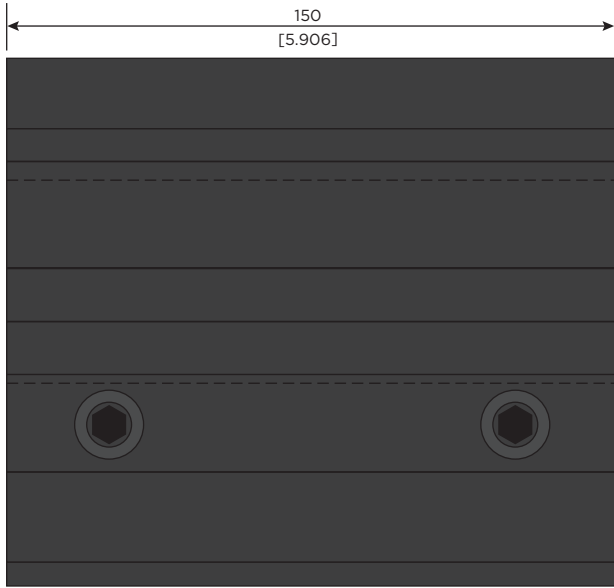
EUROPEAN STYLE TOOLING

MANUAL CLAMPING | EUROPEAN

EUROPEAN STACKING PUNCH HOLDER

Part No.	Tons
43003	100/mm [30/ft.]

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

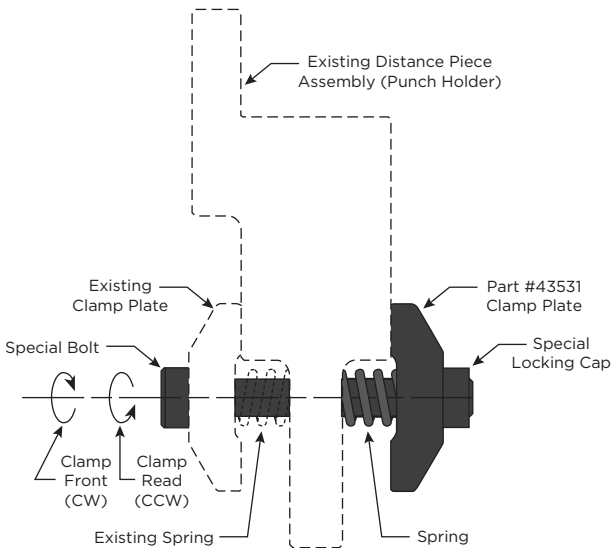


↓ Indicates where tonnage is applied.

EUROPEAN STYLE TOOLING

DUAL CLAMPING KIT

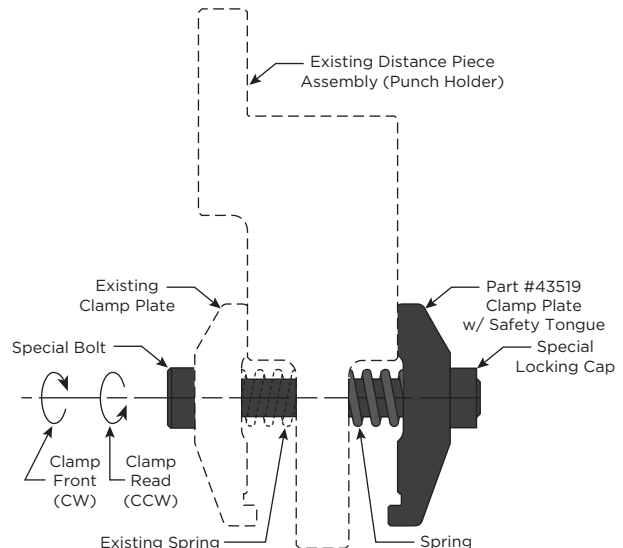
Part No.	Description
42710	Flat Clamp Kit
43531	Flat Clamp Plate



42710 Shown

DUAL CLAMPING KIT

Part No.	Description
42720	Safety Clamp Kit
43519	Safety Clamp Plate



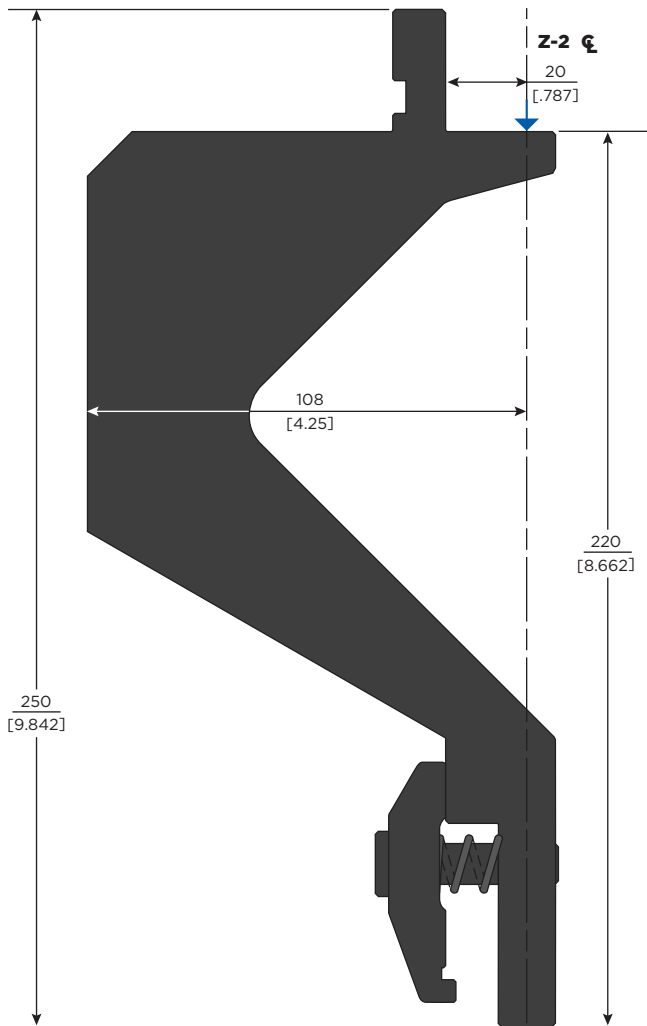
42720 Shown



MANUAL CLAMPING | EUROPEAN

Z2 PUNCH HOLDER		
Part No.	Maximum Tons	Length
43002	50/mm [15/ft.]	150mm [5.906"]
980079	Z1 Conversion Kit	

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



43002
Z2 Punch Holder

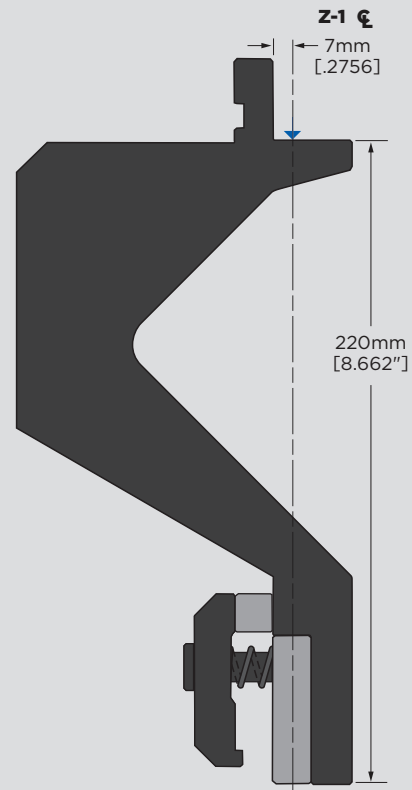
↓ Indicates where tonnage is applied.

Z1 Conversion Kit

Punch holder #43002 is designed for Z2 Style upper beams, but may be modified for a Z1 center by using Kit #980079. See below.



980079
Z1 Conversion Kit



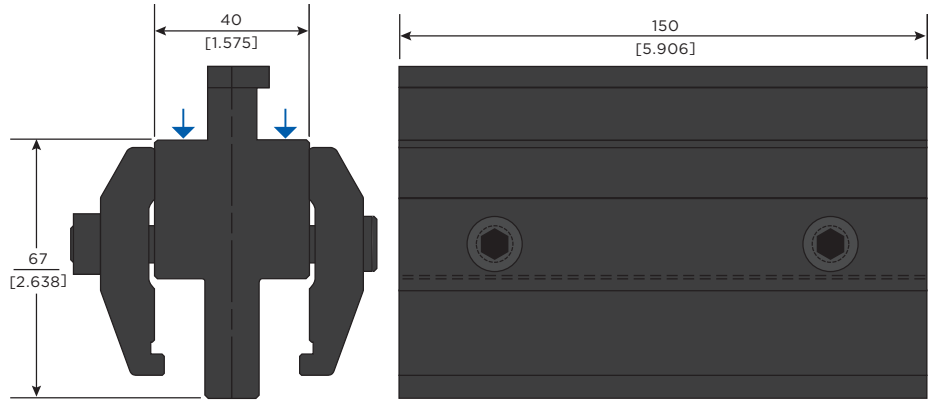
EUROPEAN STYLE TOOLING

MANUAL CLAMPING | EUROPEAN

AMERICAN TO EUROPEAN PUNCH HOLDER

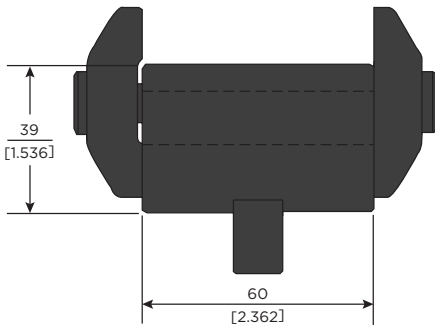
Part No.	Max. Ton/ft.	Length
43004	30	150mm [5.906"]

For conventional press brakes without punch holder height adjustment.



↓ Indicates where tonnage is applied.

EUROPEAN STYLE TOOLING



AMERICAN TO EUROPEAN DIE HOLDER

Part No.	Max. Ton/ft.	LENGTH	
		L	S
43006	40	32.87"	16.34"

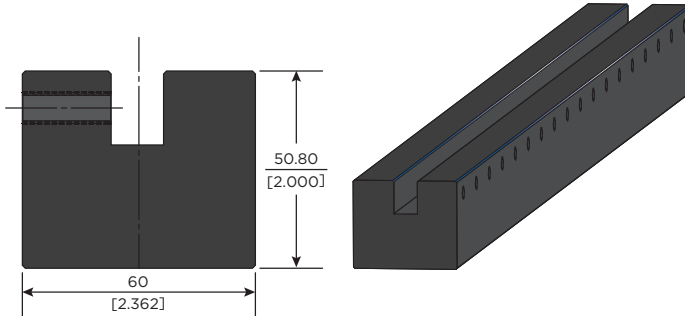
Please verify press brake tongue slot width when ordering.



MANUAL CLAMPING | EUROPEAN

One Piece Die Holders to Fit Any Machine

When your die holder is worn or the height or width needs to change, Wilson Tool International can make a die holder to your specifications or OEM dimensions in one solid piece for any machine.



EUROPEAN TO AMERICAN DIE HOLDER			
Part No.	Max. Ton/ft.	LENGTH	
		L	S
43590	40	36"	18"

Need a 4 ft. tall punch or die holder?

Wilson Tool can make any mounting tang for any press brake to hold any style of tool as narrow or long as you need it.

Contact us today!



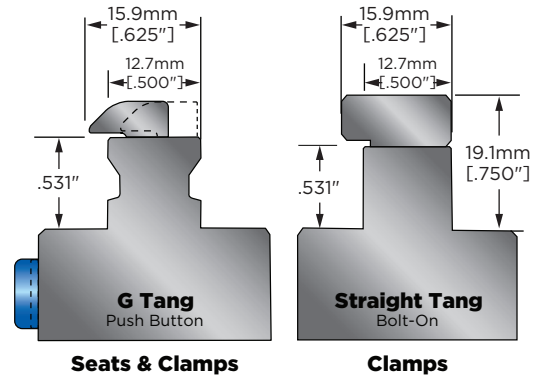
eCLAMP™ | AMERICAN



Scan QR Code for More eClamp™

Key Features

- Fully electric mechanical clamping
- Clamp finger spacing 20mm [.787"]
- Clamp indicator lights for clamp status
- Work surface lights
- Install on new or used machines
- Service can be quickly and easily performed by the customer at a reasonable cost virtually eliminating down time
- Modular bodies can be gapped in 21.25mm [.837"] increments
- Control box is needed if not integrated with machine (pg. 46)



Specifications

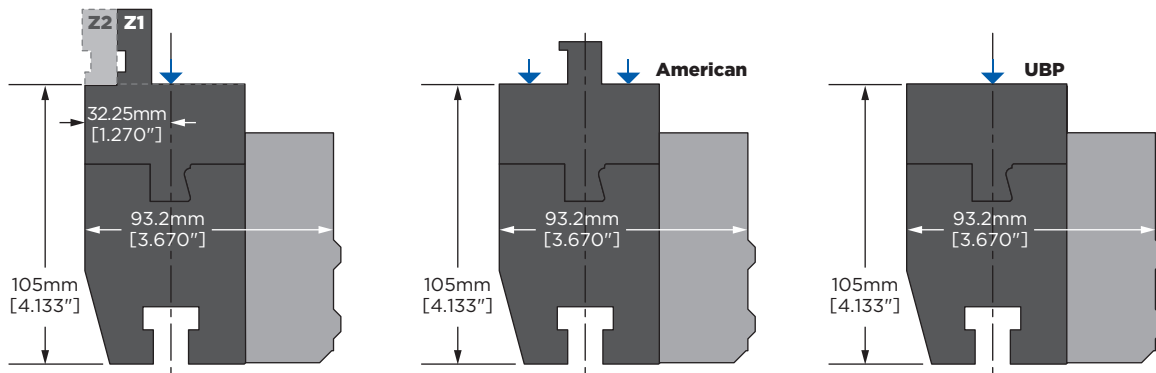
- 24V per motor, 4 motors per 170mm Body
- Maximum tool lifting weight per foot is 297 kg [200 lbs.]



Punches Must Have Safety Tangs
Safety tab kits are available.

AMERICAN STYLE TOOLING

Upper Clamp Mounting Styles *(Additional mounting styles available upon request.)*

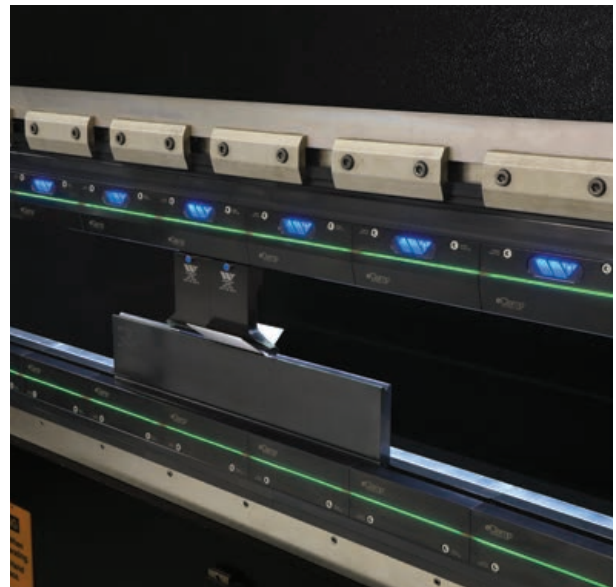


↓ Indicates where tonnage is applied.

Information Needed for eClamp™ Ordering

- Tooling style being used
- Length of mounting plate(s) needed
- Quantity of clamp bodies needed
- Select a control box (see page 46)

See the eClamp™ Ordering Guide on page 47.



eCLAMP™ | AMERICAN

Upper Clamp Mounting Styles (Additional mounting styles available upon request.)

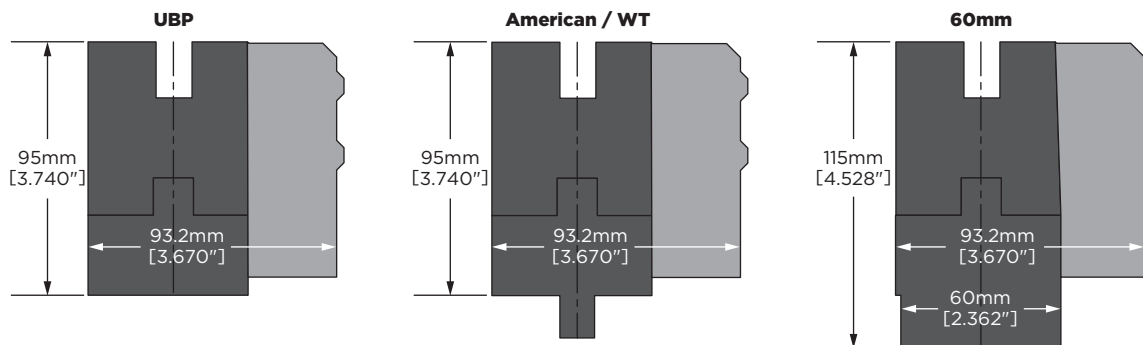
UBP, WT, AMERICAN					
Max. Shoulder Load = 270 T/meter; 2627 kN/meter; 90 T/ft.	Length	Mounting Plate			Clamp Body
		ECXXUM01-510	ECXXUM01-425	ECXXUM01-255	ECWTUB01-170
		510mm	425mm	255mm	170mm
	850mm		1L, 1R		
	1190mm	1	1L	1	7
	1530mm	3			9
	1785mm	3		1	10
	2040mm	4			12
	2380mm	3	1L, 1R		14
	2550mm	5			15
	3060mm	6			18
	4080mm	8			24

XX = MOUNT STYLE
UB = UBP
AM = American/WT

Lower Clamp Mounting Styles

UBP, WT, AMERICAN, 60mm, 90mm						
Max. Shoulder Load = 270 T/meter; 2627 kN/meter; 90 T/ft.	Length	Mounting Plate			Clamp Body	
		ECXXLM01-510	ECXXLM01-425	ECXXLM01-255	ECWTLB01-170	EC20LB01-170
		510mm	425mm	255mm	170mm	170mm
	850mm		1L, 1R			
	1190mm	1R	1L	1	7	7
	1530mm	1R, 1C, 1L			9	9
	1785mm	1R, 1C, 1L		1	10	10
	2040mm	1R, 2C, 1L			12	12
	2380mm	1R, 1C, 1L	2C		14	14
	2550mm	1R, 3C, 1L			15	15
	3060mm	1R, 4C, 1L			18	18
	4080mm	1R, 6C, 1L			24	24

XX = MOUNT STYLE
UB = UBP
AM = American/WT
60 = 60mm
90 = 90mm



EXPRESS RAIL® 1000 | AMERICAN



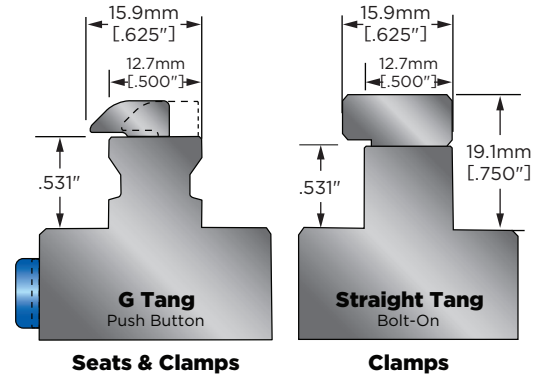
Key Features

- Hydraulically clamps and seats American G Series or clamps straight tang punch
- Hydraulically clamps American dies
- Clamps tool segments as small as 12.7mm [.500"]
- Low profile to maximize open height
- Nitrex® enhanced to 70 HRC
- Wireless control
- Hydraulic power pack with multiple voltage options is needed if not able to integrate with the machine (pg. 46)
- Modular by design — individual sections can be replaced, if needed, in the unfortunate event that damage occurs

Specifications

- Operating pressure: 31–48 Bar [450–700 PSI]
- Flow Range: 5.7–8.3 l/min. [1.5–2.2 GPM]
- Maximum symmetric tool lifting weight per foot is 91 kg [200 lbs.]

Note: Lengths shown indicate the actual clamping surface. Add the length of the end cap to get the overall length.

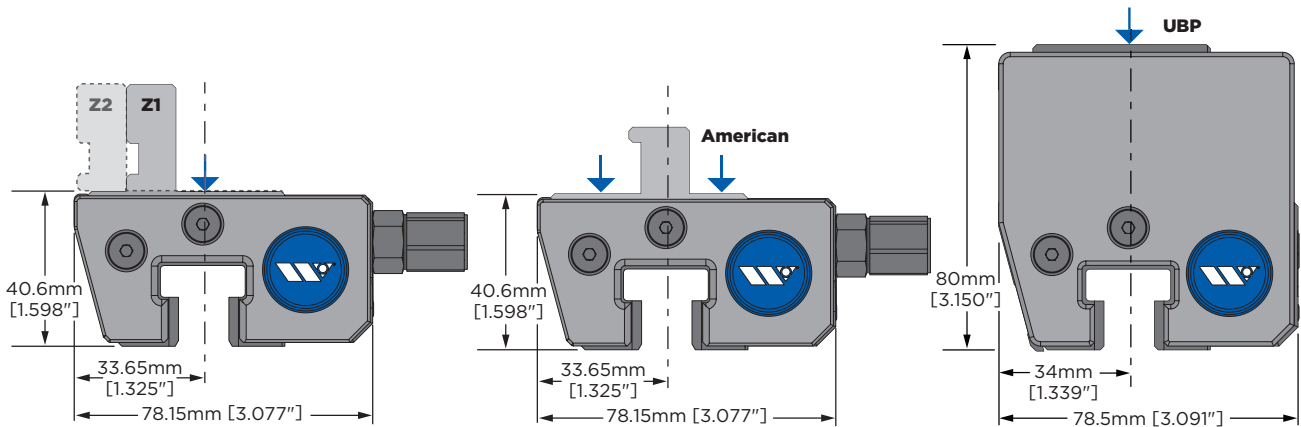


Punches Must Have Safety Tangs

Safety tab kits are available.

AMERICAN STYLE TOOLING

Upper Clamp Mounting Styles *(Additional mounting styles available upon request.)*



↓ Indicates where tonnage is applied.

Part Number Building

BEAM	TOOL STYLE	HOLDER TYPE	ACTUATION	LENGTH	SERIES	MOUNT STYLE	ADJUSTMENT	BRAND
UPPER	A	P	H	SEE LENGTHS AVAILABLE	11	SELECT YOUR MOUNT STYLE	N	
LOWER	W	D	H		11		N	WIL

See pages 4 – 5 for more detailed information on Part Number Building.



EXPRESS RAIL® 1000 | AMERICAN

Upper Clamp Mounting Styles

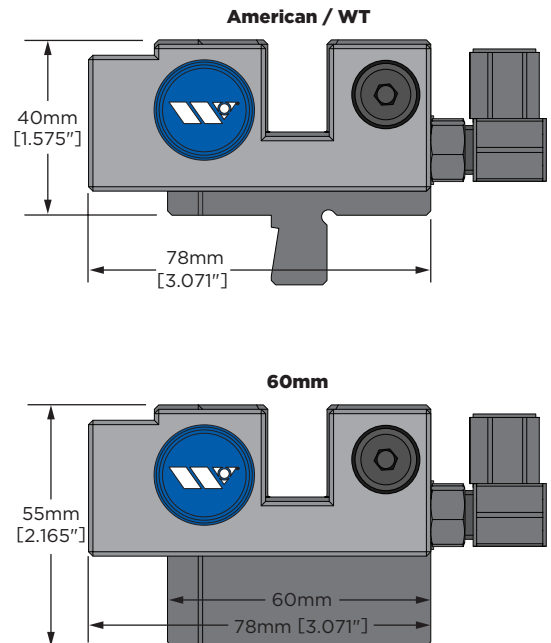
Z1, Z2, AMERICAN, UBP		
	Length	Part No.
Max. Shoulder Load = 240 T/meter; 2335 kN/meter; 80 T/ft. XX = MOUNT STYLE UB = UBP AM = American Z1 = European Z1 Z2 = European Z2	1190mm	APH1190-11 XX NWIL
	4 ft.*	APH1211-11 XX NWIL
	1530mm	APH1530-11 XX NWIL
	1785mm	APH1785-11 XX NWIL
	6 ft.*	APH1829-11 XX NWIL
	2040mm	APH2040-11 XX NWIL
	2380mm	APH2380-11 XX NWIL
	8 ft.*	APH2438-11 XX NWIL
	2550mm	APH2550-11 XX NWIL
	10 ft.*	APH3039-11 XX NWIL
	3060mm	APH3060-11 XX NWIL
	12 ft.*	APH3655-11 XX NWIL
	4080mm	APH4080-11 XX NWIL
	14 ft.*	APH4250-11 XX NWIL
	4866mm	APH4866-11 XX NWIL

Additional lengths available upon request.
 *UBP mount style option is unavailable.

Lower Clamp Mounting Styles

AMERICAN, WT, 60mm, 90mm		
	Length	Part No.
Max. Shoulder Load = 270 T/meter; 2627 kN/meter; 90 T/ft. XX = MOUNT STYLE AM = American 60 = 60mm 90 = 90mm	1190mm	ADH1190-11 XX NWIL
	4 ft.	ADH1211-11 XX NWIL
	1530mm	ADH1530-11 XX NWIL
	1785mm	ADH1785-11 XX NWIL
	6 ft.	ADH1829-11 XX NWIL
	2040mm	ADH2040-11 XX NWIL
	2380mm	ADH2380-11 XX NWIL
	8 ft.	ADH2438-11 XX NWIL
	2550mm	ADH2550-11 XX NWIL
	3060mm	ADH3060-11 XX NWIL
	12 ft.	ADH3655-11 XX NWIL
	4080mm	ADH4080-11 XX NWIL
	14 ft.	ADH4250-11 XX NWIL
	4866mm	ADH4866-11 XX NWIL

Additional lengths available upon request.



EXPRESS RAIL® 2000 | AMERICAN



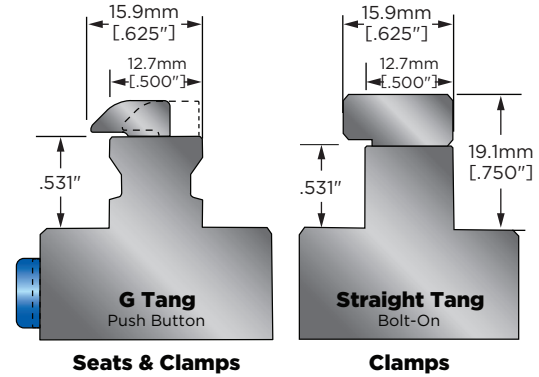
Key Features

- Hydraulically clamps and seats American G series or straight tang punch
- Hydraulically clamps American dies
- Clamps tool segments as small as 12.7mm [.500"]
- Low profile to maximize open height
- Through hard to 28-32 HRC
- Wireless control
- Hydraulic power pack with multiple voltage options is needed if not able to integrate with the machine (pg. 46)

Specifications

- Operating pressure: 31-48 Bar [450-700 PSI]
- Flow Range: 5.7-8.3 l/min. [1.5-2.2 GPM]
- Maximum tool lifting weight per foot is 91 kg [200 lbs.]

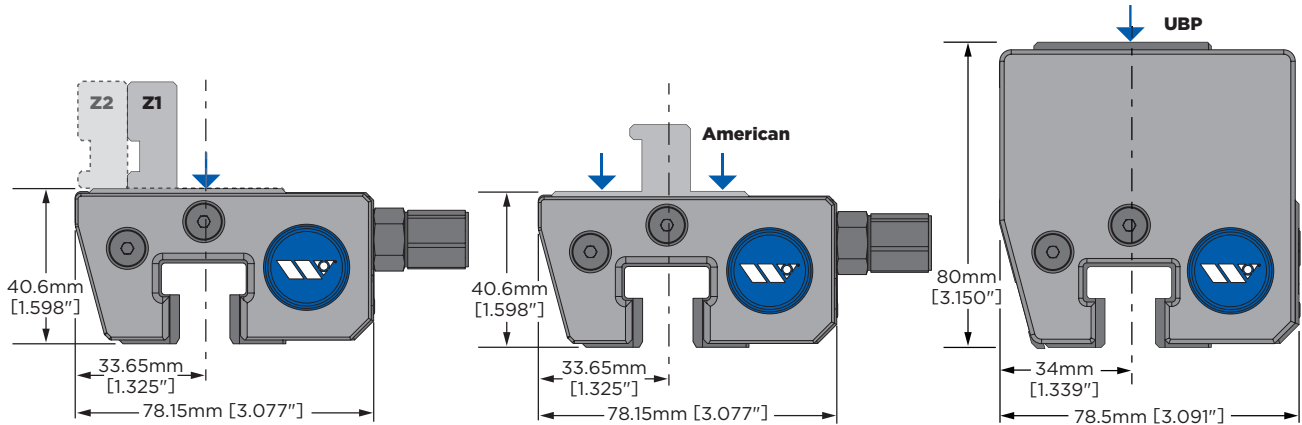
Note: Lengths shown indicate the actual clamping surface. Add the length of the end cap to get the overall length.



Punches Must Have Safety Tangs
Safety tab kits are available.

AMERICAN STYLE TOOLING

Upper Clamp Mounting Styles *(Additional mounting styles available upon request.)*



↓ Indicates where tonnage is applied.

Part Number Building

BEAM	TOOL STYLE	HOLDER TYPE	ACTUATION	LENGTH	SERIES	MOUNT STYLE	ADJUSTMENT	BRAND
UPPER	A	P	H	SEE LENGTHS AVAILABLE	2	SELECT YOUR MOUNT STYLE	N	WIL
LOWER	A	D	H		2		N	

See pages 4 - 5 for more detailed information on Part Number Building.



EXPRESS RAIL® 2000 | AMERICAN

Upper Clamp Mounting Styles

Z1, Z2, AMERICAN, UBP		
Max. Shoulder Load = 229 T/meter; 2248 kN/meter; 77 T/ft. XX = MOUNT STYLE UB = UBP AM = American Z1 = European Z1 Z2 = European Z2	Length	Part No.
	1190mm	APH1190-2XXN
	1530mm	APH1530-2XXN
	1785mm	APH1785-2XXN
	2040mm	APH2040-2XXN
	2380mm	APH2380-2XXN
	2550mm	APH2550-2XXN
	3060mm	APH3060-2XXN
	655mm	APH3655-2XXN
	4080mm	APH4080-2XXN
	34590mm	APH4590-2XXN
	4845mm	APH4845-2XXN

Additional lengths available upon request.

Z1, Z2, AMERICAN	
Length	Part No.
4 ft.*	APH1211-2XXN
6 ft.*	APH1828-2XXN
8 ft.*	APH2423-2XXN
10 ft.*	APH3038-2XXN
12 ft.*	APH3655-2XXN
14 ft.*	APH4250-2XXN

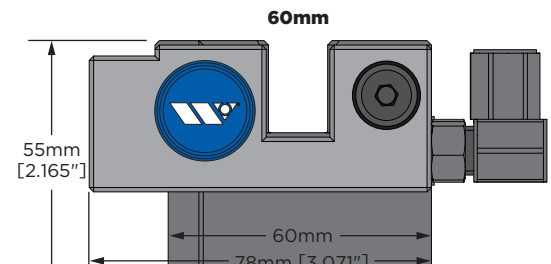
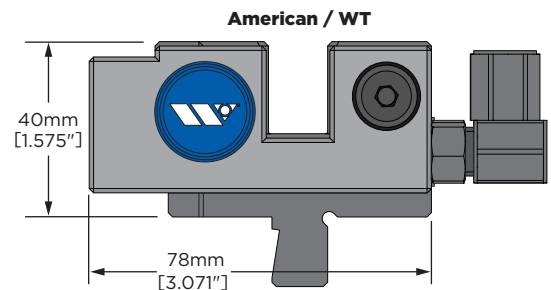
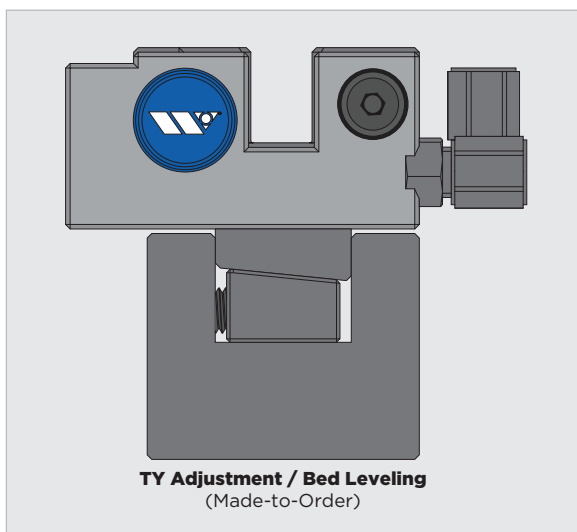
*UBP mount style option is unavailable.

Lower Clamp Mounting Styles

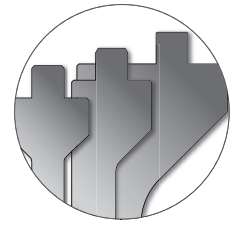
AMERICAN, WT, 60mm, 90mm, UBP		
Max. Shoulder Load = 240 T/meter; 2335 kN/meter; 80 T/ft. XX = MOUNT STYLE UB = UBP AM = American 60 = 60mm 90 = 90mm	Length	Part No.
	1190mm	WDH1190-2XXN
	1530mm	WDH1530-2XXN
	1785mm	WDH1785-2XXN
	2040mm	WDH2040-2XXN
	2380mm	WDH2380-2XXN
	2550mm	WDH2550-2XXN
	3060mm	WDH3060-2XXN
	4080mm	WDH4080-2XXN

Additional lengths available upon request.

AMERICAN, WT, 60mm, 90mm, UBP	
Length	Part No.
4 ft.	WDH1211-2XXN
6 ft.	WDH1828-2XXN
8 ft.	WDH2438-2XXN
12 ft.	WDH3655-2XXN
14 ft.	WDH4250-2XXN



POWER EXPRESS® | AMERICAN



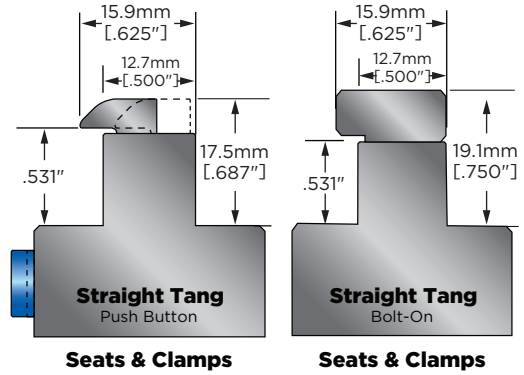
Key Features

- Hydraulically clamps and seats American straight tang punches
- Hydraulically clamps American dies
- Clamps tool segments as small as 12.7mm [.500"]
- Low profile to maximize open height
- Nitrex® enhanced to 70 HRC
- Wireless control
- Hydraulic power pack with multiple voltage options is needed if not able to integrate with the machine (pg. 46)
- Modular by design — In the unfortunate event that damage occurs to a section of holder, the damaged section can be removed and back running parts the same day.

Specifications

- Operating pressure: 2400-2800 PSI [165-193 Bar]
- Flow Range: 1.42 lpm [.375 GPM]
- Maximum tool lifting weight per foot is 248kg [167 lbs.]

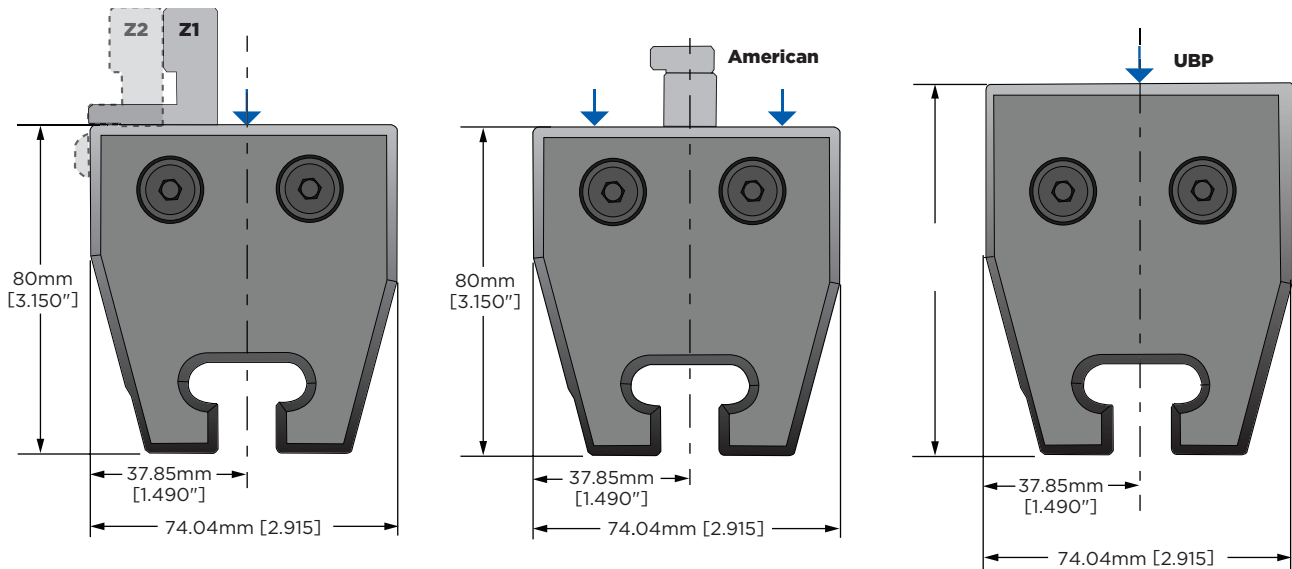
Note: Lengths shown indicate the actual clamping surface. Add the length of the end cap to get the overall length.



Punches Must Have Safety Tangs
 Safety tab kits are available.

AMERICAN STYLE TOOLING

Upper Clamp Mounting Styles *(Additional mounting styles available upon request.)*



↓ Indicates where tonnage is applied.



POWER EXPRESS® | AMERICAN

Upper Clamp Mounting Styles

Z1, Z2, AMERICAN		
	Length	Part No.
Max. Shoulder Load = 209 T/meter 2043 kN/meter 70 T/ft.	4 ft.	530C48
	6 ft.	530C72
	8 ft.	530C96
	10 ft.	530C120
	12 ft.	530C144
	14 ft.	530C168

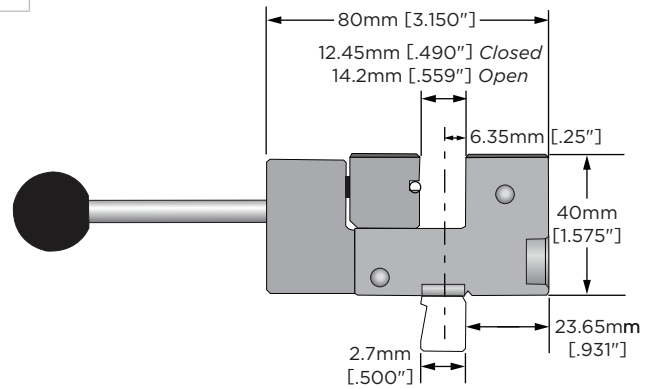
Additional lengths available upon request.

Lower Clamp Mounting Styles

EXPRESS DIE HOLDER / AMERICAN, WT, 60mm		
	Length	Part No.
Simple lever activation Max. Shoulder Load = 270 T/meter; 2627 kN/ meter; 90 T/ft.	2 ft.	54100-2
	4 ft.	54100-4
	6 ft.	54100-6
	8 ft.	54100-8
	10 ft.	54100-10
	12 ft.	54100-12
	14 ft.	54100-14

Additional lengths available upon request.

Note: Also available in a 90mm base



EXPRESS CROWNING® | AMERICAN

Key Features

- OEM or aftermarket mounting
- Hand crank with digital readout or CNC electric drive connected direct to the machine
- Hardened to 28-32 HRC which makes it substantially tougher than the competition
- Micro crowning every 200mm
- TY adjustable 0-0.76mm [0-0.030"]
- Hydraulic power pack with multiple voltage options is needed if not able to integrate with the machine (pg. 46)



Scan QR Code for More Crowning



Specifications

- Manual die clamping has set screws every 25mm [1"]
- Hydraulic die clamping has 8mm diameter pins every 21.25mm [0.837"]

Note: Lengths shown indicate the actual clamping surface. Add the length of the end cap to get the overall length.



Scan for Express Crowning® Checklist

Choose Your Method of Crowning Actuation

The electric motor with mount kit and the hand crank drive are sold separate from Express Crowning®.



Electric Drive

- Designed to be integrated into the machine control
- Specify voltage at time of order
- Power cord included

VOLTAGE	PART. NO.
3-PHASE 60HZ	
230V	CNC-323060
460V	CNC-346060
3-PHASE 50HZ	
230V	CNC-323050
400V	CNC-340050



Hand Crank Drive Assembly

- Hand crank can be easily removed
- Electronic readout can display imperial or metric

PART. NO.
987341

ALSO AVAILABLE FOR HEAVY DUTY APPLICATIONS!



EXPRESS CROWNING® | AMERICAN

Then Choose Manual or Hydraulic Die Clamping

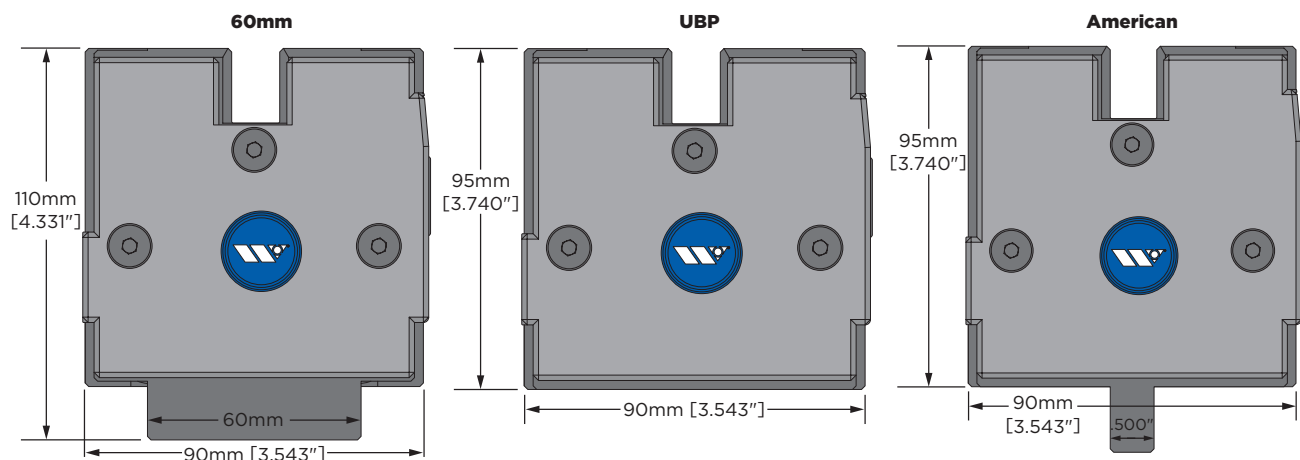
	LENGTH	MANUAL	HYDRAULIC
		Part No.	Part No.
Max. Shoulder Load = 240 T/meter; 2335 kN/meter; 80 T/ft. XX = MOUNT STYLE UB = UBP AM = American 60 = 60mm 90 = 90mm X = ADJUST L = Crowning Left R = Crowning Right	2380mm	ADM2380-20 XXCX WIL	ADH2380-20 XXCX WIL
	8 ft.	ADM2423-20 XXCX WIL	ADH2423-20 XXCX WIL
	2550mm	ADM2550-20 XXCX WIL	ADH2550-20 XXCX WIL
	2720mm	ADM2720-20 XXCX WIL	ADH2720-20 XXCX WIL
	10 ft.	ADM3038-20 XXCX WIL	ADH3038-20 XXCX WIL
	3060mm	ADM3060-20 XXCX WIL	ADH3060-20 XXCX WIL
	3230mm	ADM3230-20 XXCX WIL	ADH3230-20 XXCX WIL
	3570mm	ADM3570-20 XXCX WIL	ADH3570-20 XXCX WIL
	12 ft.	ADM3655-20 XXCX WIL	ADH3655-20 XXCX WIL
	4080mm	ADM4080-20 XXCX WIL	ADH4080-20 XXCX WIL
	14 ft.	ADM4250-20 XXCX WIL	ADH4250-20 XXCX WIL
	4590mm	ADM4590-20 XXCX WIL	ADH4590-20 XXCX WIL

Additional lengths available upon request.

Part Number Building

POWER	TOOL STYLE	HOLDER TYPE	ACTUATION	L LENGTH	S SERIES	GENERATION	M MOUNT STYLE	ADJUSTMENT	BRAND
MANUAL	A	D	M	SEE LENGTHS AVAILABLE	2	0	SELECT YOUR MOUNT STYLE	SELECT YOUR MOUNT STYLE	WIL
HYDRAULIC	A	D	H		2	0			WIL

See pages 4 - 5 for more detailed information on Part Number Building.



AMERICAN STYLE TOOLING

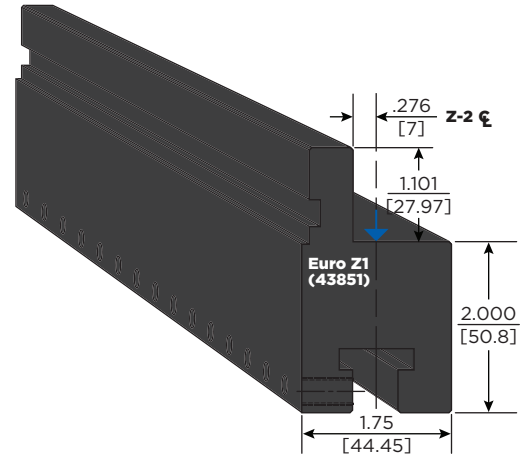
MANUAL CLAMPING | AMERICAN

Punch Holders

EUROPEAN Z1 TO AMERICAN STRAIGHT TANG

Part. No.	Max. Ton/ft.	L	S	X
		Length		
43851	30	36"	18"	35.87"

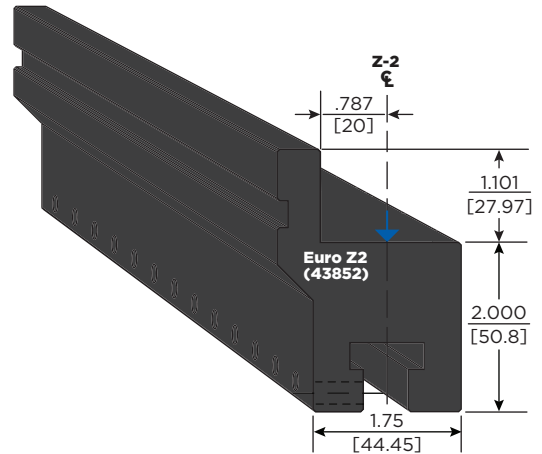
Includes set screws every 50.8mm [2"] Nitrex® enhanced to 70 HRC



EUROPEAN Z2 TO AMERICAN STRAIGHT TANG

Part. No.	Max. Ton/ft.	L	S	X
		Length		
43852	30	36"	18"	35.87"

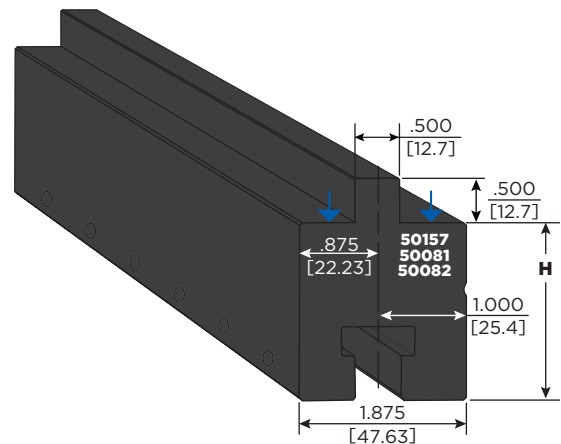
Includes set screws every 50.8mm [2"] Nitrex® enhanced to 70 HRC



AMERICAN TO AMERICAN STRAIGHT TANG

Part. No.	H Height	Max. Ton/ft.	L	S	X
	Length				
50157	50.8mm [2"]	30	36"	18"	35.87"
50081	76.2mm [3"]				
50082	101.6mm [4"]				

Includes set screws every 50.8mm [2"] Nitrex® enhanced to 70 HRC



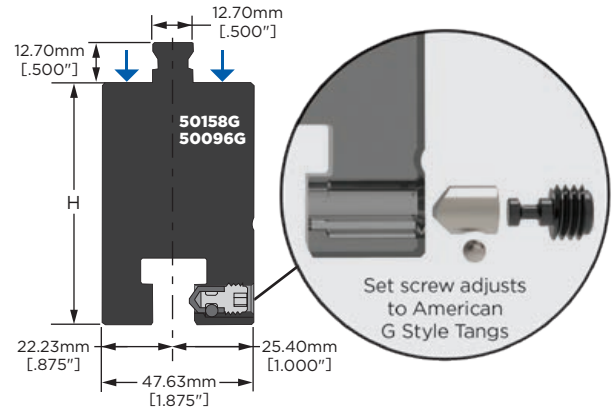
↓ Indicates where tonnage is applied.

MANUAL CLAMPING | AMERICAN

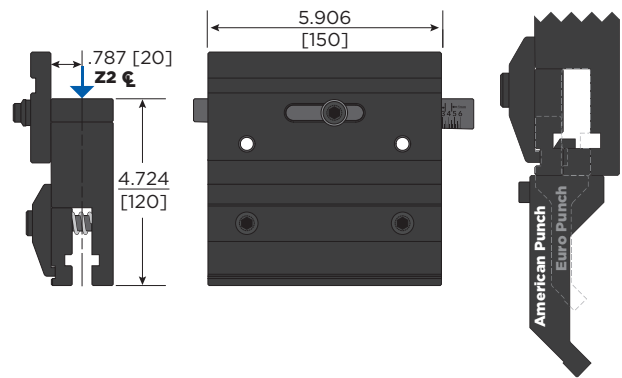
Punch Holders

GROOVE CLAMPING TO GROOVE TANG					
Part. No.	H Height	Max. Ton/ft.	L Length	S Length	X Length
50158G	50.8mm [2"]	30	36"	18"	35.87"
50096G	101.6mm [4"]				
53067	Hex Head Screw				
53068	Self Seating Pin				
972743	.04mm Steel Ball				

Includes set screws every 50.8mm [2"] Nitrex® enhanced to 70 HRC

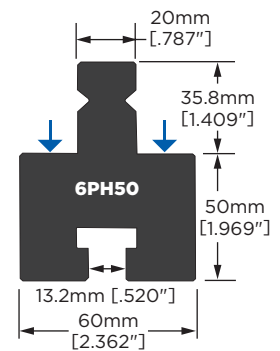


EUROPEAN Z2 TO AMERICAN & EUROPEAN		
Part. No.	Max. Ton/ft.	Length
43853	30	150mm [5.906"]



WT TO AMERICAN PUNCH HOLDER							
Part. No.	H Height	kN/M	Max. Ton	SECTIONALIZED			
				500 Length	X Length	X1 Length	X2 Length
6PH50	50mm [1.969"]	1900	197/m [60/ft.]	500mm [19.7"]	1050mm [41.3"]	500mm [19.7"]	550mm [21.65"]

Includes set screws every 50.8mm [2"]
Tonnage is based on direct load and does not apply for thrusting applications.



↓ Indicates where tonnage is applied.

AMERICAN STYLE TOOLING

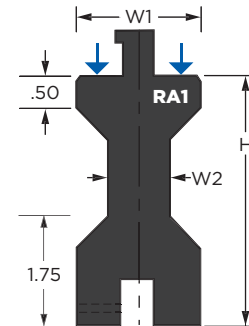
MANUAL CLAMPING | AMERICAN

Punch Holders

- Max. Ton/ft. = 30

RA1 – DOG BONE PUNCH HOLDERS						
W Width	W2 Width	Max. Ton/ft.	H Available Height			
38.1mm [1-1/2"]	15.7mm [.62"]		30	92.1mm [3-5/8"]	104.8mm [4-1/8"]	130.2mm [5-1/8"]
50.8mm [2"]	25.4mm [1.0"]					
63.5mm [2-1/2"]	32.8mm [1-1/4"]					

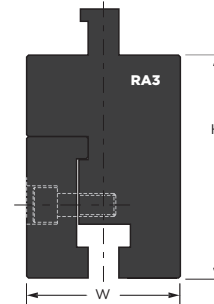
Any punch holder with a width of 2" or greater can be made to accept a Hook/Safety Tang.



RA3 – PUNCH HOLDER WITH CLAMP PLATE				
W Width	H Available Height			
2"	3-1/8"	3-5/8"	4-1/8"	5-1/8"
2-1/2"				
3"		3-3/4"		

Any punch holder with a width of 2" or greater can be made to accept a Hook/Safety Tang.

Replaces any original OEM punch holder or accommodates part configuration. Available as one solid piece to match the length of the brake or sections that are easier to handle.



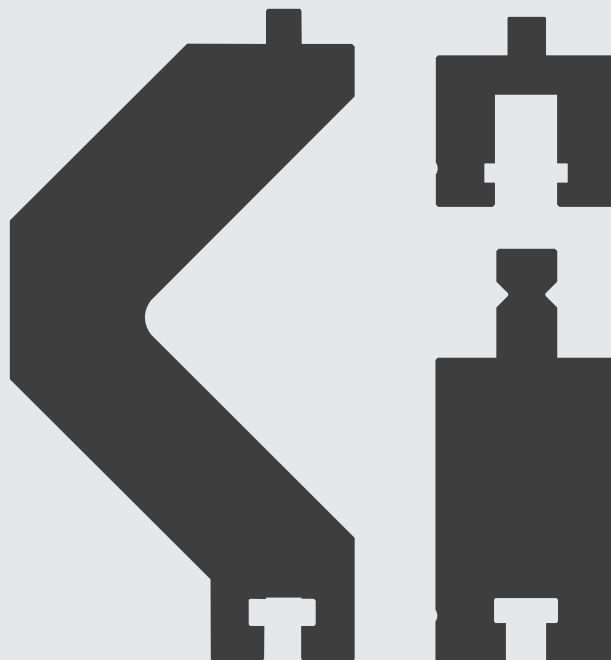
↓ Indicates where tonnage is applied.

AMERICAN STYLE TOOLING

Need a 4 ft. tall punch or die holder?

Wilson Tool can make any mounting tang for any press brake to hold any style of tool as narrow or long as you need it.

Contact us today!

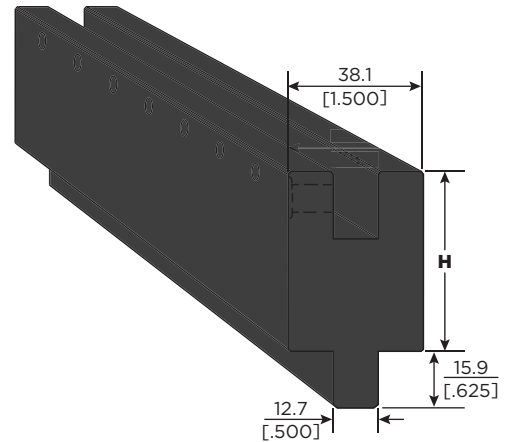


MANUAL CLAMPING | AMERICAN

Die Holders

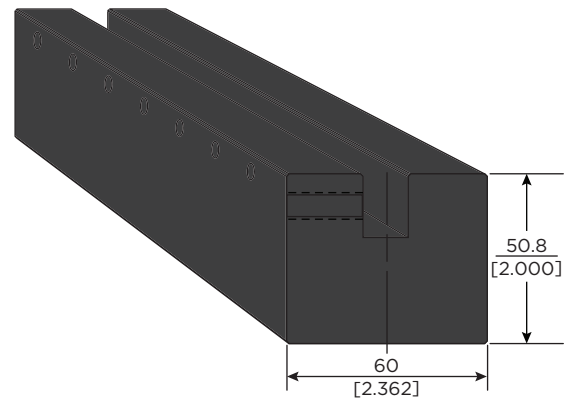
AMERICAN TO AMERICAN					
Part. No.	H Height	Tons	L	S	X
			Length		
50084	50.8mm [2"]	133mm [40 ft.]	36"	18"	35.87"
50085	76.2mm [3"]				
50086	101.6mm [4"]				
Custom	Specify	Call Wilson Tool International for lead times			

Nitrex® enhanced to 70 HRC. Includes set screws every 50.8mm [2"].



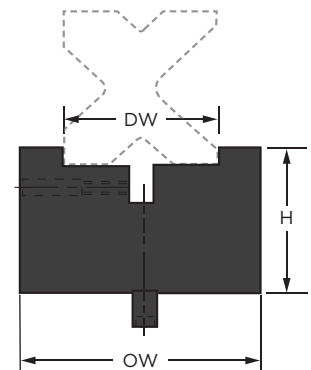
EUROPEAN TO AMERICAN				
Part. No.	H Height	Tons	L	S
			Length	
43590	50.8mm [2"]	133mm [40 ft.]	36"	18"

Nitrex® enhanced to 70 HRC. Includes set screws every 50.8mm [2"].



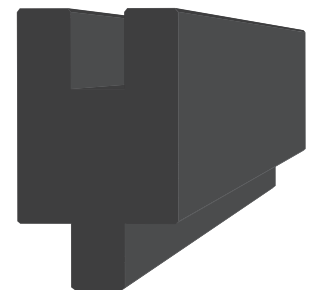
754WHC 4-WAY DIE HOLDER			
Holder	H	OW	DW
4A	50.8mm [2"]	88.9mm [3.5"]	57.9mm [2.28"]
4B	50.8mm [2"]	101.6mm [4.0"]	70.6mm [2.78"]
4C	63.5mm [2.5"]	114.3mm [4.5"]	83.3mm [3.28"]
4D	63.5mm [2.5"]	27.0mm [5.0"]	92.7mm [3.65"]
4E	63.5mm [2.5"]	165.1mm [6.5"]	134.1mm [5.28"]

Screw holes in 4-way adapters are 3/8" 16 on 12" centers. Specify if tongue required.



One Piece Die Holders to Fit Any Machine

When your die holder is worn or the height or width needs to change, Wilson Tool International can make a die holder to your specifications or OEM dimensions in one solid piece for any machine.



AMERICAN STYLE TOOLING

POWER SOURCES

Power Sources (Floor or machine mount)



ELECTRIC	PART NO.	MANIFOLD TYPE	POWER SOURCE	POWER CONSUMPTION	OPERATION ACTUATION	MAX HOLDERS	
	eCLAMP™						
	ECP3060NA-1818	Dual	120V 15amp	2.5V/ motor	Wired Pendant	18/18	

POWER SOURCES

HYDRAULIC	PART NO.	MANIFOLD TYPE	POWER SOURCE	HOSE LENGTH	OPERATION ACTUATION	MANUAL RELEASE VALVE	HEAT SENSOR	TIMER SWITCH	PLC	RELAY FOR SAFETY	ELECTRICAL SET-UP	OIL CAPACITY & GRADE	
	EXPRESS RAIL® 1000, EXPRESS RAIL® 2000, EXPRESS CROWNING* • OPERATING PRESSURE: 500-700 PSI [35-52 Bar] ; FLOW RATE: 7.2 lpm [1.9 GPM]												
	988284-2	Dual	110V 15amp	(2) 9 ft.	Wired Pendant				■	■	■	Plug Needed	1 Gallon DTE Light or DTE 24
988752	Single	110V 20amp	(1) 12 ft.	Wireless Pendant	■								
988752-2	Dual		(2) 12 ft.		■								
988754	Single	220V 20amp	(1) 12 ft.			■				■			
9887542	Dual		(2) 12 ft.		■					■	Hard Wire Needed		
988753	Single	480V 20amp	(1) 12 ft.			■				■			
9887532	Dual		(2) 12 ft.		■					■			
POWER EXPRESS* • OPERATING PRESSURE: 2800 PSI [208 Bar] ; FLOW RATE: 1.14 lpm [.3 GPM]													
980108	Single	110V 20amp	(1) 12 ft.	Wireless Pendant	■	■	■	■			None Needed	1.25 Gallon DTE Light or DTE 24	
ACCESSORIES (for POWER EXPRESS* or EXPRESS RAIL*)													
972849	Remote Control Only												
974187*	Manifold* (Upgrade Single to Double)												

*Ships without power cord. Requires electrician for wiring.



Wireless Remote



eCLAMP™ ORDERING GUIDE

CONTACT INFORMATION	
COMPANY NAME	
CONTACT NAME	ACCOUNT #
PHONE	
EMAIL	
SHIP TO LOCATION	

MACHINE INFORMATION	
LENGTH	MAKE
OPEN HEIGHT	STROKE

Are eClamp™ bodies needed in the upper and lower beams, or just the upper beam? For a smaller brake, fill the beam. For a larger brake, consider solid in the middle and slightly gapped on the left and right. We will quote a full brake of adapter plates, but the number of eClamp bodies does not need to fill the brake.

UPPER	LOWER	CONTROL BOX
MACHINE MOUNT <input type="radio"/> OEM Bolt Pattern <input type="radio"/> Z1 <input type="radio"/> Z2 <input type="radio"/> American <input type="radio"/> Other _____	MACHINE MOUNT <input type="radio"/> OEM Bolt Pattern <input type="radio"/> Groove with Set Screws <input type="radio"/> Groove without Set Screws <input type="radio"/> Other _____	PENDANT <input type="radio"/> Stand Alone Pendant <input type="radio"/> Integrated into Machine Control
PUNCH TOOLING STYLE <input type="radio"/> American <input type="radio"/> WT-Style	DIE TOOLING STYLE <input type="radio"/> American <input type="radio"/> WT-Style	
UPPER CLAMP BODIES (170mm) Quantity Needed _____	LOWER CLAMP BODIES (170mm) Quantity Needed _____	

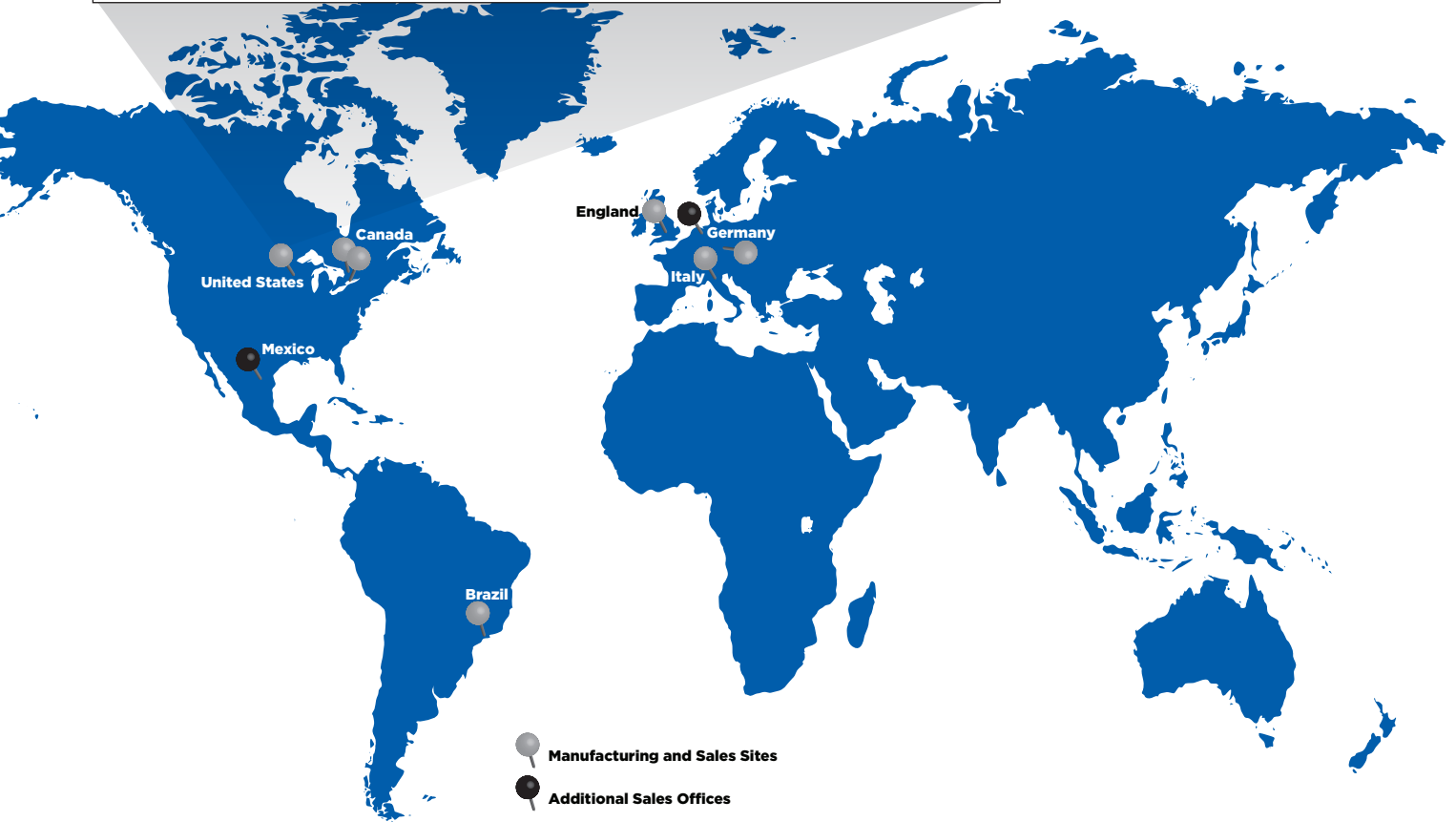
Comments:

 [Click here to email this form. Attach pictures or videos to help clarify machine detail.](#)

WILSON TOOL INTERNATIONAL HEADQUARTERS

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GUARANTEED TO OUTPERFORM

With Wilson Tool International, you're not just receiving tools — you're gaining a partner dedicated to your productivity, and products backed with a guarantee to outperform your current tooling.



B335C (11.2025)