



WILSON TOOL INTERNATIONAL **CLAMPING SOLUTIONS**

WILSON TOOL INTERNATIONAL



From humble beginnings in a small manufacturing facility in St. Paul, Minnesota, Wilson Tool International has added innovation, tooling divisions, manufacturing facilities and sales channels around the world to better serve thousands of global customers. Throughout our expansion, our mission has never wavered — we continue to offer products and services that help you, our customers, to be more successful.

Innovation is key at Wilson Tool International. It's true what they say: no two jobs are the same. In manufacturing, change is the only constant. So working with a press brake tooling supplier that's flexible, nimble and knowledgeable is important.

Wilson Tool International continues to invest in your success. We now have more than 50 sales engineers nationwide who are available to answer questions, proactively suggest innovative solutions to save you time and money, and keep you up and running. That's more than all of our North American competitors combined.

Leverage our sales engineers. Challenge them with a problem. Put their knowledge to work for you. You can connect with them in person, by phone and through email.

And be assured, with every order, you'll always get our quality guarantee: *Your success is our priority. If you're ever unsatisfied with a Wilson Tool International product, we'll do everything we can to make it right and keep you up and running.*

From all of us at Wilson Tool International, thank you for the trust you have placed in us to provide you with the products and services that support your business. We look forward to our partnership in the future.

Sincerely,
Brian Robinson
CEO, Wilson Enterprises

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TERMS AND CONDITIONS

PRICES Wilson Tool International 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.

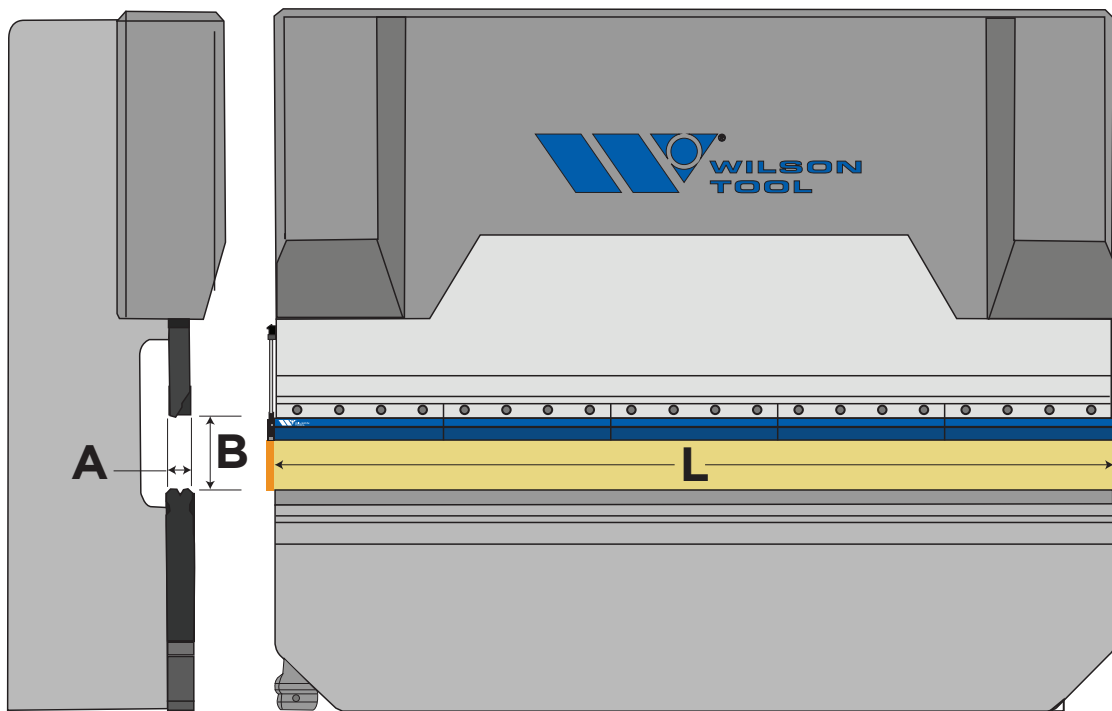
RETURNED MATERIAL A handling/restocking fee will be applied to all standard products returned for credit. A return authorization number and shipping instructions must be obtained in advance before an item can be returned.

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

CLAMPING SYSTEMS CHECKLIST

Every press brake should have a punch holder and die holder to ensure the machine is protected and tooling can be clamped. Once your clamping solution is determined, the information below can help you gather important information to ensure proper fit.

CONTACT INFORMATION			
COMPANY NAME		CONTACT NAME	
ACCOUNT NUMBER		PHONE NUMBER	
EMAIL ADDRESS			



PRESS BRAKE CHARACTERISTICS	
MAKE	
MODEL	
LENGTH [L]*	
TONNAGE	
OPEN HEIGHT [B]	
STROKE	

UPPER BEAM — CONFIGURATION
<input type="checkbox"/> American <input type="checkbox"/> European Z1 <input type="checkbox"/> European Z2 <input type="checkbox"/> WT <input type="checkbox"/> UBP
<input type="checkbox"/> Other: _____
Upper Beam Width [A]: _____

LOWER BEAM — CONFIGURATION
<input type="checkbox"/> American <input type="checkbox"/> WT <input type="checkbox"/> European 60mm <input type="checkbox"/> European 90mm
<input type="checkbox"/> UBP <input type="checkbox"/> Other: _____
Lower Beam Width [A]: _____

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

SPEED SETUPS AND REFRESH YOUR PRESS BRAKE

Adding a clamping system to your press brake can dramatically reduce setup and changeover time while refreshing the machine's bending surface. With solutions ranging from lightning speed push-button clamps, to a deflection controlling crowning system, to quick lever-activated clamps or economical manual clamps, Wilson Tool International provides clamping solutions to improve efficiencies on every style of press brake.

Want to minimize the time it takes to order clamping? Use the Part Number Building Key below and the Clamping Systems Checklist on the opposite page to prepare your order.

COMMON MOUNTING METHODS

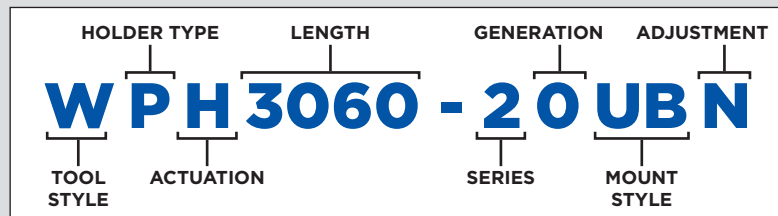
Self Aligning (WT, American, Z1, Z2, European 60mm, European 90mm)

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

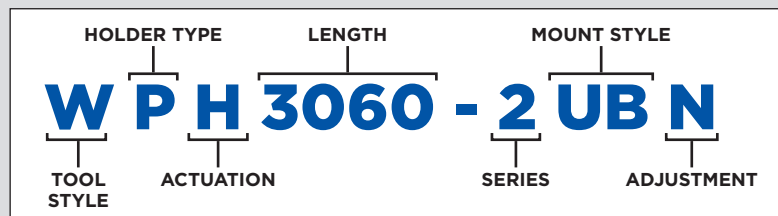
What is a UBP

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.

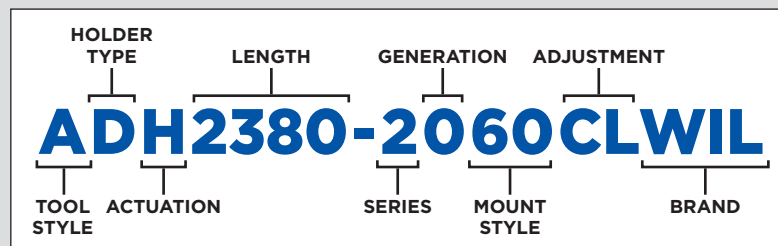
Express Rail® 1000 Part Number Building Example



Express Rail® 2000 Part Number Building Example



Express Crowning™ Part Number Building Example



Part Number Building Key

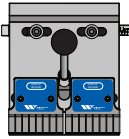
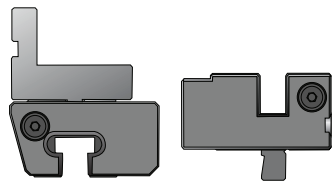
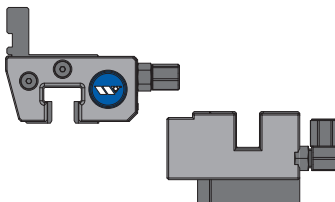
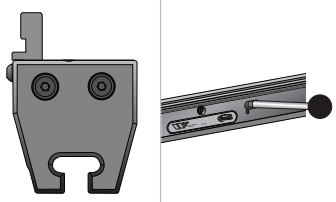

TOOL STYLE A = American W = WT	MOUNT STYLE UB = UBP AM = American WT = WT
HOLDER TYPE P = Punch D = Die	60 = Euro 60mm 90 = Euro 90mm Z1 = Euro Z1 Z2 = Euro Z2
ACTUATION M = Manual H = Hydraulic	ADJUSTMENT CL = Crowning Left CR = Crowning Right N = None
SERIES 1 = 1000 2 = 2000	BRAND WIL = Wilson
GENERATION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

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

		WT-STYLE TOOLING						EUROPEAN
		EXPRESS RAIL® 1000		EXPRESS RAIL® 2000		CROWNING	EXPRESS	EXPRESS AIR™
		PUNCH HOLDERS	DIE HOLDERS	PUNCH HOLDERS	DIE HOLDERS	DIE HOLDERS	DIE HOLDERS	PUNCH HOLDERS
TOOLING INFORMATION	TOOL STYLE	WT: 20mm (.787")	WT: 13.0mm (.512")	WT: 20mm (.787")	WT: 13.0mm (.512")	WT: 13.0mm (.512")	WT: 13.0mm (.512")	Euro Z1: 7mm Center Line
	SEATING	Push Button, Click n Slide, Solid Pin	—	Push Button, Click n Slide, Solid Pin	—	—	—	Euro Z1: 7mm Center Line Beveled and Straight Tang
	SHORTEST PIECE TO CLAMP	15.8mm (0.625")		15.8mm (0.625")		15.8mm (0.625")		10mm (0.394")
	HARDNESS	70 HRC		28-32 HRC		28-32 HRC	70 HRC	70 HRC
	*TOOL: TOP LOAD	240 tons/m 2335 kN/m 80 tons/ft	—	210 tons/m 2043 kN/m 70 tons/ft	—	—	—	—
	*TOOL: SHOULDER LOAD (symmetric)	270 tons/m 2627 kN/m 90 tons/ft	270 tons/m 2627 kN/m 90 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	134 tons/m 1022 kN/m 45 tons/ft
	**TOOL WEIGHT LIMIT TO CLAMP & SEAT kg/m (lbs/ft)	297kg (200 lbs)	—	297kg (200 lbs)	—	—	—	288kg (192 lbs)
CLAMPING INFORMATION	METHOD TO SECURE TO THE PRESS BRAKE	American, UBP, Z2, Z1	American, WT, 60mm, 90mm	American, UBP, Z2, Z1	American, UBP, WT, 60mm, 90mm	American, WT, 60mm, 90mm, UBP	American, WT, 60mm, 90mm	American, Z2, Z1
	POWER, METHOD, ACTUATION	Hydraulic, Bladder, Wireless or Wired		Hydraulic, Bladder, Wireless or Wired		Hydraulic or Mechanical, Bladder or Set Screw, Wireless or Manual	Mechanical, Cam, Handle	Pneumatic, Piston, Wireless or Handle
	BEAM CONSTRUCTION	Modular		Solid Body		Solid Body	Modular	Modular
	WORKING HEIGHT	American: 40.6mm (1.60") Z1, Z2: 62mm (2.441") UBP: 80mm (3.15")	American: 40mm (1.575") 60mm, 90mm: 55mm (2.165")	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
	OPERATING PRESSURE	450-700 Psi 31-48 Bar		450-700 Psi 31-48 Bar		450-700 Psi or Set Screws	—	90-120 Psi 6.2-8.3 Bar
	CLEAR 30° ACUTE FRONT & BACK	Front Only	—	Front Only	—	—	—	Front & Back
	ALIGNMENT TX (front to back)	—	—	—	—	UBP only: ±.76mm(.030")	—	—
	ALIGNMENT TY — MICRO CROWN (height/up and down)	Available upon request				.76mm (.030")	—	—
CROWNING ADJUSTMENT	—	—	—	—	up to 0-3.5mm (0-.138")	—	—	

*MUST HAVE SAFETY TANG.

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

STYLE TOOLING	AMERICAN STYLE TOOLING						
							
EXPRESS CLAMPS	EXPRESS RAIL® 1000		EXPRESS RAIL® 2000		POWEREXPRESS®		CROWNING
PUNCH HOLDERS	*PUNCH HOLDERS	DIE HOLDERS	*PUNCH HOLDERS	DIE HOLDERS	*PUNCH HOLDERS	DIE HOLDERS	DIE HOLDERS
Euro Z1: 7mm Center Line	"G" Tang/Flat Tang American: 12.7mm (.500")	Flat Tang American: 12.7mm (.500")	"G" Tang/Flat Tang American: 12.7mm (.500")	Flat Tang American: 12.7mm (.500")	Flat Tang American: 12.7mm (.500")	Flat Tang American: 12.7mm (.500")	Flat Tang American: 12.7mm (.500")
During First Bend	"G" Tang American: 12.7mm (.500") with Buttons	—	"G" Tang American: 12.7mm (.500") with Buttons	—	Flat Tang American: 12.7mm (.500")	—	—
10mm (0.394")	12.7mm (0.5")		12.7mm (0.5")		12.7mm (0.5")		15.8mm (0.625")
70 HRC	70 HRC		28-32 HRC		70 HRC		28-32 HRC
—	—		—		—		—
104 tons/m 1314 kN/m 35 tons/ft	240 tons/m 2335 kN/m 80 tons/ft	270 tons/m 2627 kN/m 90 tons/ft	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
—	American: 297kg (200 lbs) UBP,Z1, Z2: 892kg (600 lbs)	—	297kg (200 lbs)	—	248kg (167 lbs)	—	—
American, Z2, Z1	American, UBP, Z2, Z1	American, WT, 60mm, 90mm	American, UBP, Z2, Z1	American, UBP, WT, 60mm, 90mm	American, UBP, Z2, Z1	American, WT, 60mm, 90mm	American, WT, 60mm, 90mm, UBP
Mechanical, Cam, Handle	Hydraulic, Bladder, Wireless	Hydraulic, Bladder, Wireless or Wired	Hydraulic, Bladder, Wireless or Wired		Hydraulic, Piston, Wireless	Mechanical, Cam, Handle	Hydraulic or Mechanical, Bladder or Set Screw, Wireless or Manual
Modular	Modular		Solid Body		Modular		Solid Body
American, Z1: 100mm Z2: 120mm	American, Z1, Z2: 40.6mm (1.598") UBP: 80mm (3.15")	American, WT: 40mm (1.575") 60mm, 90mm: 55mm (2.165")	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		450-700 Psi 31-48 Bar		2400-2800 Psi 165-193 Bar	—	450-700 Psi or Set Screws
Front & Back	Front Only	—	Front Only	—	Front & Back	—	—
—	—		—		—		UBP only: ±.76mm(.030")
—	Available upon request					—	.76mm (.030")
—	—		—		—		up to 0-3.5mm (0-.138")

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

CLAMPING SOLUTIONS

You have a wealth of options when it comes to choosing a clamping system. Adding clamping capability is a proven way to dramatically reduce setup and changeover times. With solutions ranging from lightning speed hydraulic options, to a deflection control system, to the most economical manual options, Wilson Tool International provides a clamping solution to renew every press brake.

THE EXPRESS RAIL® FAMILY **W A**

The Express Rail® family of clamping systems reduce setup times using a wireless or wired pendant control that clamps and seats your press brake tooling with the push of a button. Express Rail® 1000 and Express Rail® 2000 systems work with any press brake and operate with WT-Style and American tooling. These clamps are designed to run punches that have grooved tangs.

Both options feature the following:

- Hydraulic power source
- Longer life due to a hardened body (1000 = 70 HRC; 2000 = 28-32 HRC)
- WT-Style and American tooling compatibility
- Simple push-button loading



EXPRESS CLAMPS **E**

Express Clamps offer the ease and speed of manual lever operation to clamp and seat your tooling in seconds. It is available for virtually any make and model of press brake, adding new life to existing assets.

- Modular tool designed to fit in existing assets
- Precision crowning and micro tuning ability
- Substantially reduce setup times



EXPRESS AIR™ **E**

The Express Air clamping system for European style press brake tooling seats and clamps in seconds with the push of a button. This system offers front and back clamping, leaving setups and changeovers faster than ever.

- Sectionalized punch clamp powered by shop air
- Nitrex® heat treated to a surface hardness of 70 HRC
- Installs with minimal downtime



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

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.



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.

Two control options for die securing:

- Set screws every inch on center for manual tightening
- Hydraulic control

Two options for crowning power:

- Hand crank with digital display
- Electric powered motor to crown the beam using the machine's CNC control



POWER EXPRESS® **A**

PowerExpress® is a hydraulic clamping system designed to maximize your productivity with easy installation, long-term reliability, increased bending capabilities and single operation clamp and seating. Works with most existing press brakes.

- Clamps and seats American non-grooved tang punches
- Clamps American dies
- Clamps tool segments as small as 12.7mm / .500"
- Low profile to maximize open height
- Modular design minimizes downtime if a repair is needed



EXPRESS RAIL® 1000 | WT



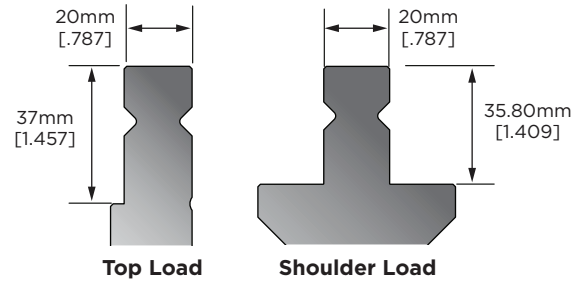
Key Features

- 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
- 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. 39)

Specifications

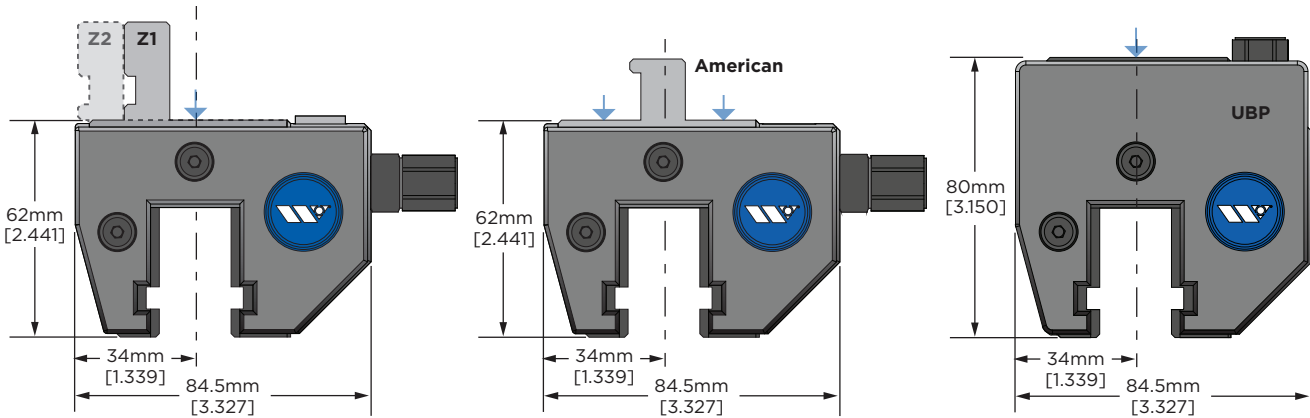
- Operating pressure: 450-700 PSI (31-48 Bar)
- Flow Range: 5.7-8.3 l/min (1.5-2.2 GPM)
- Maximum tool lifting weight per foot is 91 kg (200 lbs)

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

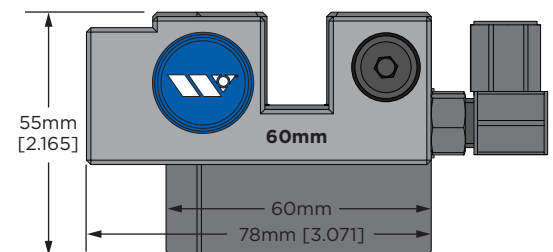
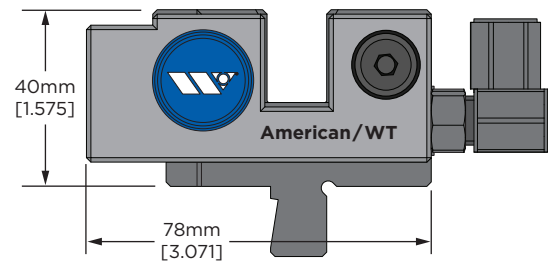
Z1, Z2, AMERICAN, WT, UBP		
	LENGTH	PART NO.
Max. Shoulder Load = 270 T/meter; 2627 kN/meter; 90 T/ft XX = MOUNT STYLE UB = UBP AM = American Z1 = European Z1 Z2 = European Z2 WT = WT	1190mm	WPH1190-11XXNWIL
	4 ft.	WPH1211-11XXNWIL
	1530mm	WPH1530-11XXNWIL
	1785mm	WPH1785-11XXNWIL
	6 ft.	WPH1829-11XXNWIL
	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.

Lower Clamp Mounting Styles

AMERICAN, WT, 60mm, 90mm		
	LENGTH	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 WT = WT	1190mm	ADH1190-11XXNWIL
	4 ft.	ADH1211-11XXNWIL
	1530mm	ADH1530-11XXNWIL
	1785mm	ADH1785-11XXNWIL
	6 ft.	ADH1829-11XXNWIL
	2040mm	ADH2040-11XXNWIL
	2380mm	ADH2380-11XXNWIL
	8 ft.	ADH2438-11XXNWIL
	2550mm	ADH2550-11XXNWIL
	10 ft.	ADH3039-11XXNWIL
	3060mm	ADH3060-11XXNWIL
	12 ft.	ADH3655-11XXNWIL
	4080mm	ADH4080-11XXNWIL
	14 ft.	ADH4250-11XXNWIL
16 ft.	ADH4866-11XXNWIL	

Additional lengths available upon request.



EXPRESS RAIL® 2000 | WT



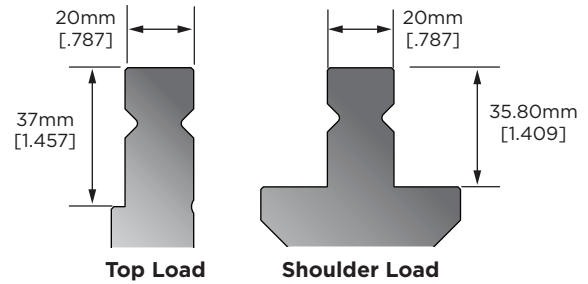
Key Features

- 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. 39)

Specifications

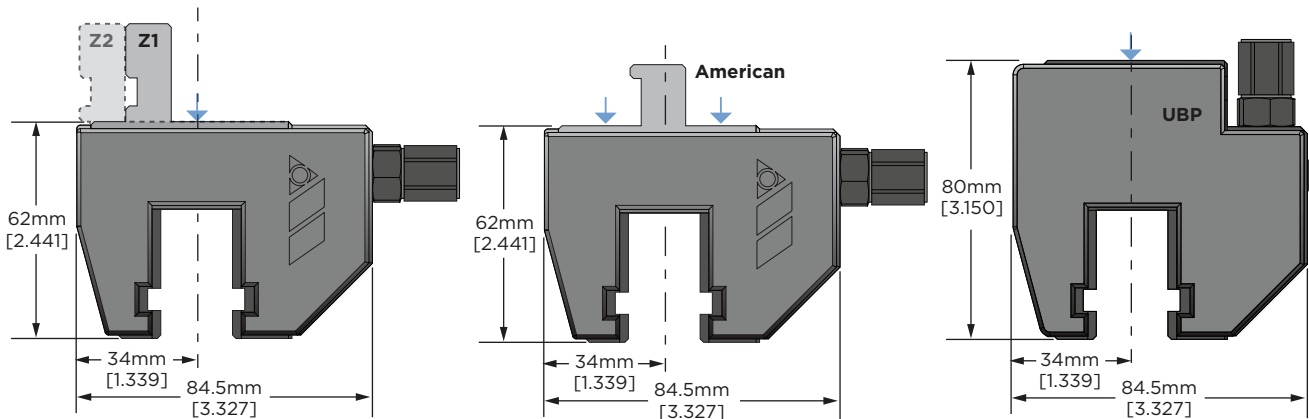
- Operating pressure: 450-700 PSI (31-48 Bar)
- Flow Range: 5.7-8.3 l/min (1.5-2.2 GPM)
- Maximum tool lifting weight per foot is 91 kg (200 lbs)

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

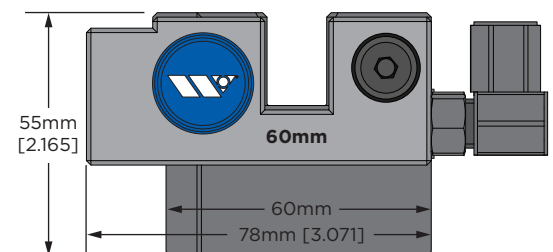
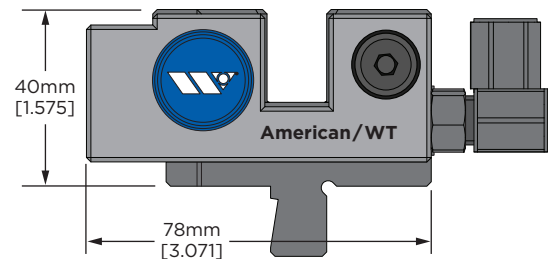
Z1, Z2, AMERICAN, UBP		
	LENGTH	PART NO.
Max. Shoulder Load = 250 T/meter; 2452 kN/meter; 84 T/ft XX = MOUNT STYLE UB = UBP AM = American Z1 = European Z1 Z2 = European Z2 WT = WT	1190mm	WPH1190-2XXN
	4 ft.	WPH1211-2XXN
	1530mm	WPH1530-2XXN
	1785mm	WPH1785-2XXN
	6 ft.	WPH1828-2XXN
	2040mm	WPH2040-2XXN
	2380mm	WPH2380-2XXN
	8 ft.	WPH2423-2XXN
	2550mm	WPH2550-2XXN
	10 ft.	WPH3038-2XXN
	3060mm	WPH3060-2XXN
	12 ft.	WPH3655-2XXN
	4080mm	WPH4080-2XXN
	14 ft.	WPH4250-2XXN
	4590mm	WPH4590-2XXN
	4845mm	WPH4845-2XXN

Additional lengths available upon request.

Lower Clamp Mounting Styles

60mm, AMERICAN, WT, UBP		
	LENGTH	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 WT = WT	1190mm	WDH1190-2XXN
	4 ft.	WDH1211-2XXN
	1530mm	WDH1530-2XXN
	1785mm	WDH1785-2XXN
	6 ft.	WDH1828-2XXN
	2040mm	WDH2040-2XXN
	2380mm	WDH2380-2XXN
	10 ft.	WDH3038-2XXN
	3060mm	WDH3060-2XXN
	3655mm	WDH3655-2XXN
	4080mm	WDH4080-2XXN
	14 ft.	WDH4250-2XXN

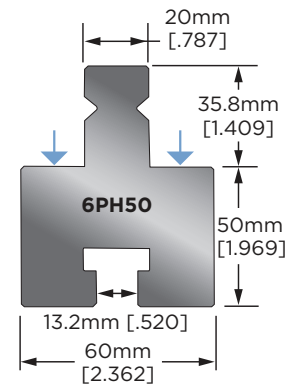
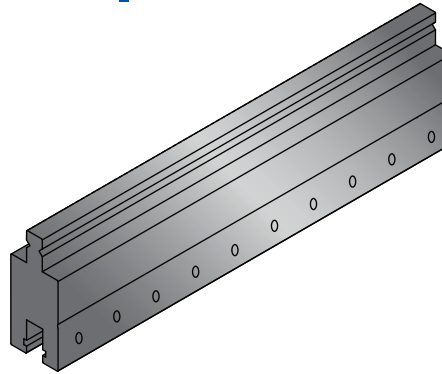
Additional lengths available upon request.



MANUAL CLAMPING | WT

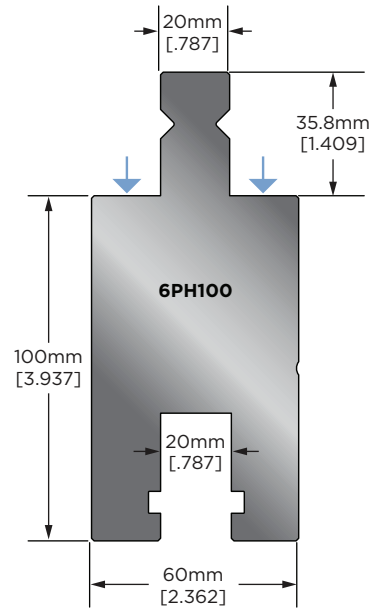
Punch Holders

- 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	60m 197 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	70m 232 ft.	500mm 19.7"	1050mm 41.3"	500mm 19.7"	550mm 21.65"

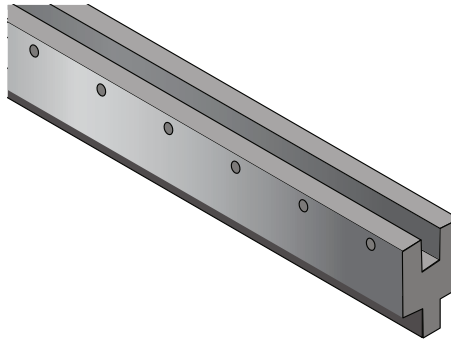
Tonnage is based on direct load and does not apply for thrusting applications.

↓ Indicates where tonnage is applied.

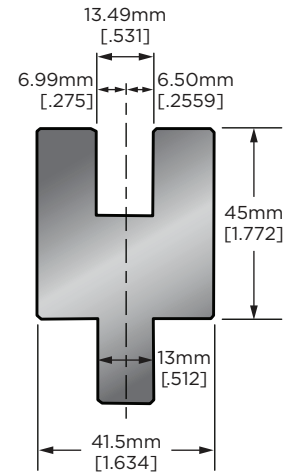
MANUAL CLAMPING | WT

Die Holders

- Includes set screws every 2" (50.8mm)



Extend the die height in a WT MACHINE to hold WT-STYLE TOOLING							
PART NO.	HEIGHT	KN/M	MAX TON	500 LENGTH	SECTIONALIZED		
					X LENGTH	X1 LENGTH	X2 LENGTH
6DH45	45mm 1.772"	1700	52m 175 ft.	500mm 19.7"	1050mm 41.3"	500mm 19.7"	550mm 21.65"



WT-STYLE TOOLING

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")

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.



WT-STYLE TOOLING

After selecting an Express Crowning™ System, choose the Hand Crank Drive or Electric Drive shown below. The hand crank drive, electric motor and mount kit are sold separate from Express Crowning.



Hand Crank Drive Assembly

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

PART NO.
987341



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

EXPRESS CROWNING™ | WT

Then Choose Manual or Hydraulic Die Clamping

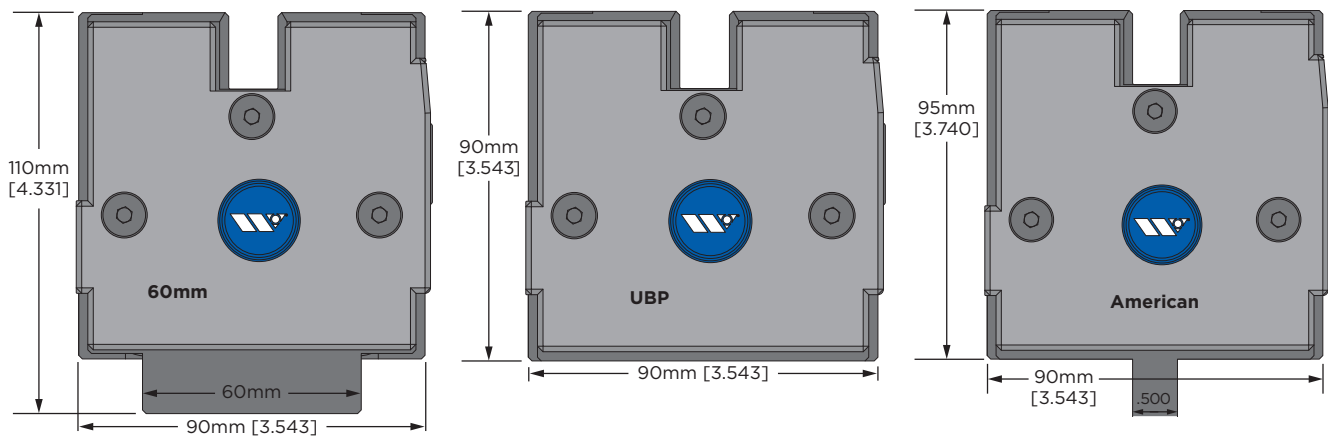
<p>Max. Shoulder Load = 240 T/meter; 2335 kN/meter; 80 T/ft</p> <p>XX = MOUNT STYLE UB = UBP AM = American/WT 60 = 60mm 90 = 90mm</p> <p>X = ADJUST L = Crowning Left R = Crowning Right</p>	LENGTH	MANUAL PART NO.	HYDRAULIC PART NO.
	2380mm	WDM2380-20XXCXLWIL	WDH2380-20XXCXLWIL
	2423mm	WDM2423-20XXCXLWIL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

Additional lengths available upon request.

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		2	0			WIL

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

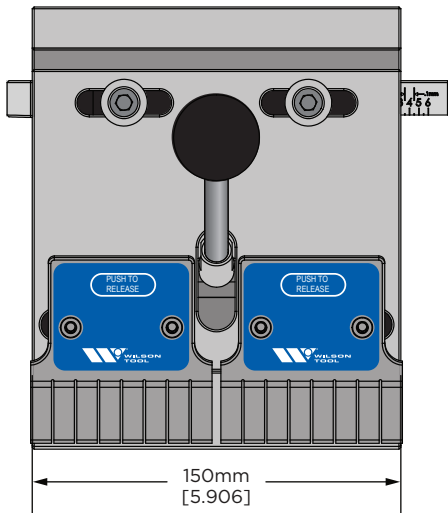


WT-STYLE TOOLING

EXPRESS CLAMPS | EUROPEAN

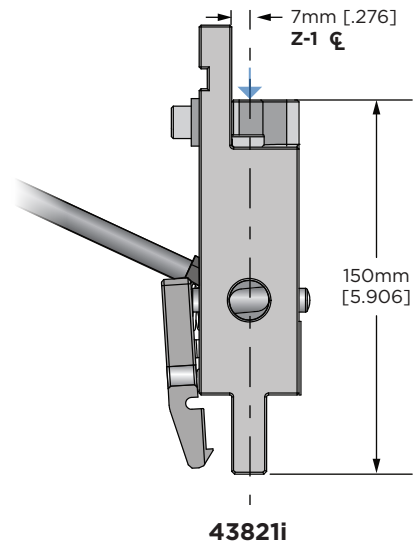
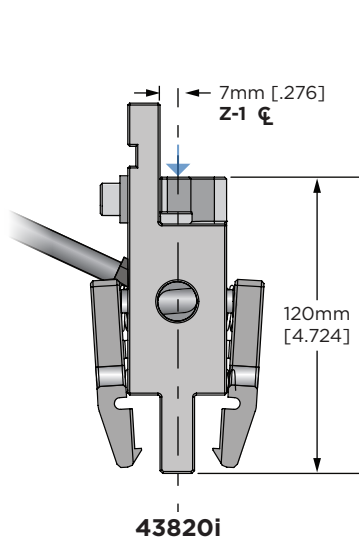
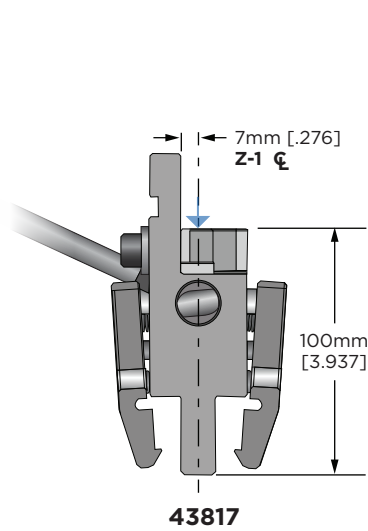
Key Features

- Simple manual lever activation
- Front and rear clamping
- Clamps straight tang tooling
- Nitrex® enhanced to 70 HRC
- Available in multiple mounting styles (American, Z1, Z2, WT)
- Wedge height adjustment



PART NO.	DESCRIPTION
Z1 SERIES PRESS BRAKE WITH WEDGE	
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

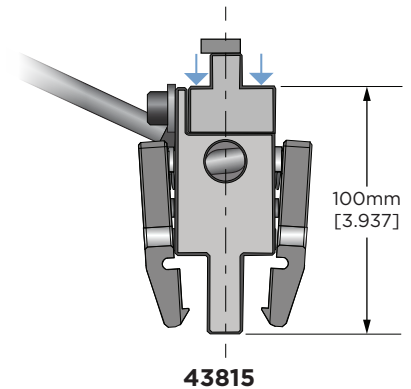
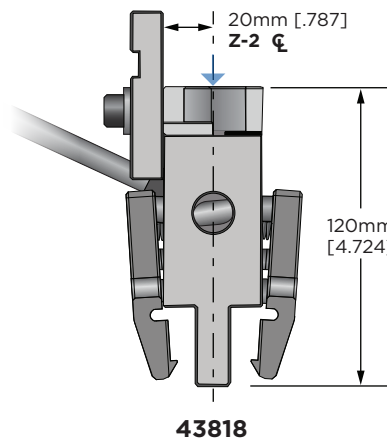
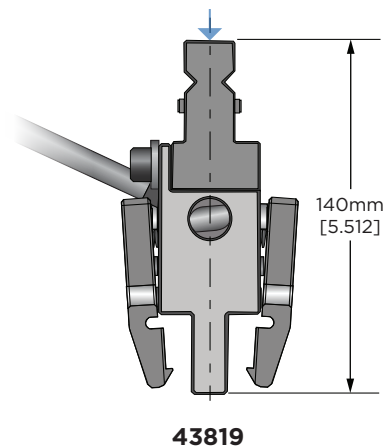
EUROPEAN STYLE TOOLING



↓ Indicates where tonnage is applied.

EXPRESS CLAMPS | EUROPEAN

PART NO.	DESCRIPTION	[W]
Z2 SERIES PRESS BRAKE WITH WEDGE		
43818i-2	2 Front Clamp Plates	150
43818i	2 Front & 2 Back Clamp Plates	150
AMERICAN PRESS BRAKE WITH WEDGE		
43815i-2	2 Front Clamp Plates	150
43815i	2 Front & 2 Back Clamp Plates	150
WT-STYLE PRESS BRAKE WITH WEDGE		
43819i-2	2 Front Clamp Plates	150
43819i	2 Front & 2 Back Clamp Plates	150



↓ Indicates where tonnage is applied.

EXPRESS AIR™ | EUROPEAN

Key Features

- Clamps and seats European punches with flat tangs with a safety slot
- Interchangeable with most OEM holders
- Z2, Z1 and American mounting
- Interlocking wedge system
- Nitrex® enhanced to 70 HRC
- Wireless or manual control

Specifications

- Standard shop air at 90-120psi
- Clamping force = 363kg (800 lbs.)
- Weight limit for seating = 288kg (192 lbs.)



EUROPEAN STYLE TOOLING

Machine Mounting Styles

PART NO.	DESCRIPTION
EUROPEAN Z2	
44818	Front & Back Clamp Plates
44818-1	Clamp One Side Only
EUROPEAN Z1	
44817	Front & Back Clamp Plates
44817-1	Clamp One Side Only
AMERICAN	
44815	Front & Back Clamp Plates
44815-1	Clamp One Side Only



EUROPEAN Z2



EUROPEAN Z1



AMERICAN

Express Air™ Manifold Systems

- Ships with a 10-foot coil of clear 6mm OD hose to connect multiple holders
- Connects to standard shop air
- Quick push-button remote or manual provide quick clamping

EXPRESS AIR™	
DESCRIPTION	PART NO.
Push Button	987048
Manual	987049



WIRELESS



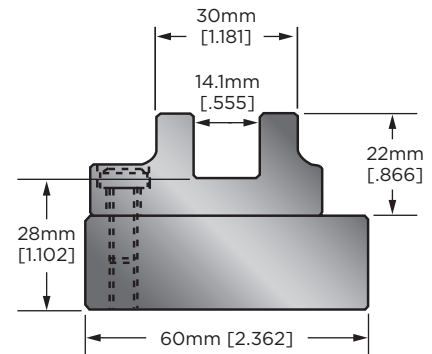
MANUAL

MANUAL CLAMPING | EUROPEAN

QUICK CHANGE TV DIE HOLDER (2 PIECE DESIGN)		
PART NO.	LT LENGTH	ST 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.

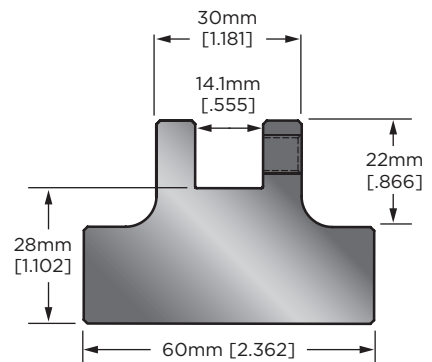
No Set Screw
for Mounting



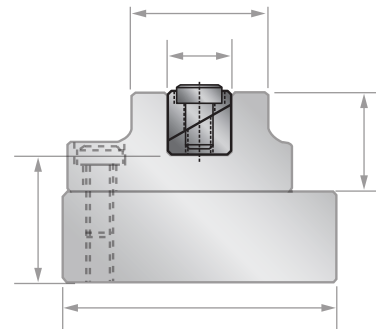
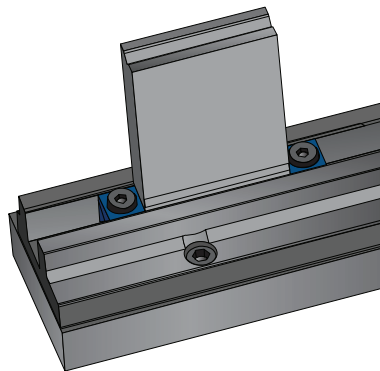
QUICK CHANGE TV DIE HOLDER (1 PIECE DESIGN)		
PART NO.	LT LENGTH	ST LENGTH
43530	835mm / 32.87"	415mm / 16.34"

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

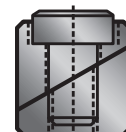
With Set Screw
for Mounting



WEDGE BLOCK
PART NO.
43559



Top View

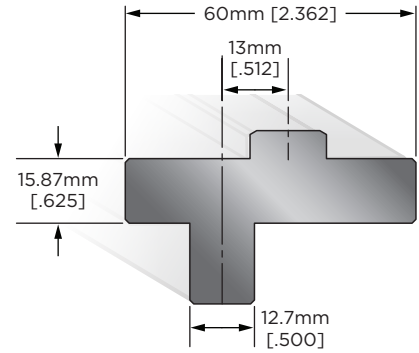


Side View

MANUAL CLAMPING | EUROPEAN

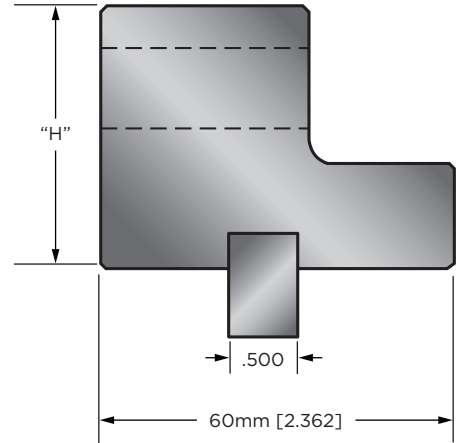
AMERICAN TO QUICK CHANGE RAIL ADAPTER (FOR QUICK CHANGE 2V DIES)

PART NO.	MAX. TON/FT	L LENGTH	S LENGTH
53090	30	835mm / 32.87"	415mm / 16.34"



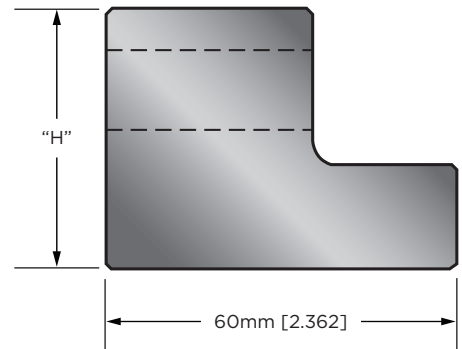
AMERICAN TO QUICK CHANGE HOLDER

PART NO.	H HEIGHT	L LENGTH	S LENGTH
43021 AT	39mm / 1.536"	835mm / 32.87"	415mm / 16.34"
43022 AT	45mm / 1.772"	835mm / 32.87"	415mm / 16.34"
43023 AT	75mm / 2.953"	835mm / 32.87"	415mm / 16.34"



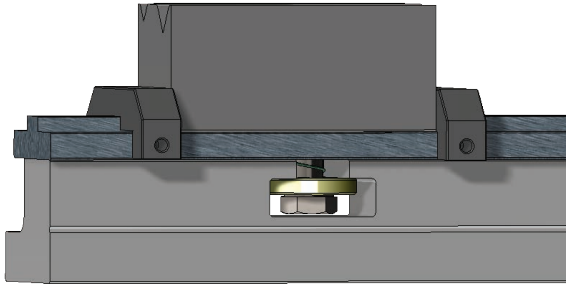
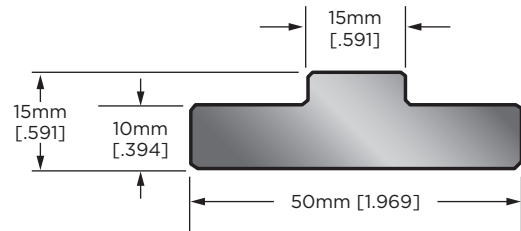
60MM TO QUICK CHANGE HOLDER

PART NO.	H HEIGHT	L LENGTH	S LENGTH
43021	39mm / 1.536"	835mm / 32.87"	415mm / 16.34"
43022	45mm / 1.772"	835mm / 32.87"	415mm / 16.34"
43023	75mm / 2.953"	835mm / 32.87"	415mm / 16.34"



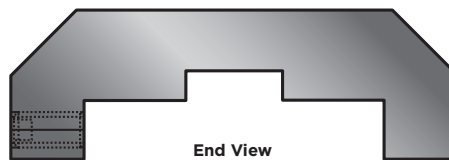
MANUAL CLAMPING | EUROPEAN

2V QUICK CHANGE RAIL			
PART NO.	DESCRIPTION	L LENGTH	S LENGTH
42089	28-32 HRc	835mm / 32.87"	415mm / 16.34"
42090	48-54 HRc	835mm / 32.87"	415mm / 16.34"



Die, Rail, Holder and Rail Clamps

RAIL CLAMP	
PART NO.	
43553	

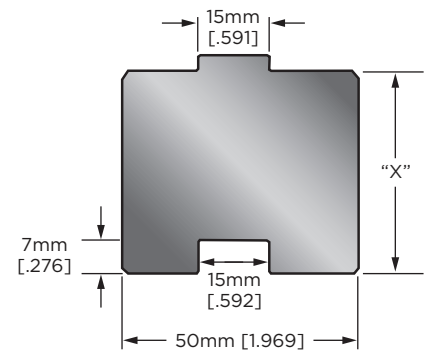


End View



Front View

STACKING RAIL				
PART NO.	HEIGHT RANGE	L LENGTH	S LENGTH	X LENGTH
42091	X = 0.575 - 1.250	835mm / 32.87"	415mm / 16.34"	835mm / 32.87"
42092	X = 1.251 - 2.000	835mm / 32.87"	415mm / 16.34"	835mm / 32.87"
42093	X = 2.001 - 2.750	835mm / 32.87"	415mm / 16.34"	835mm / 32.87"

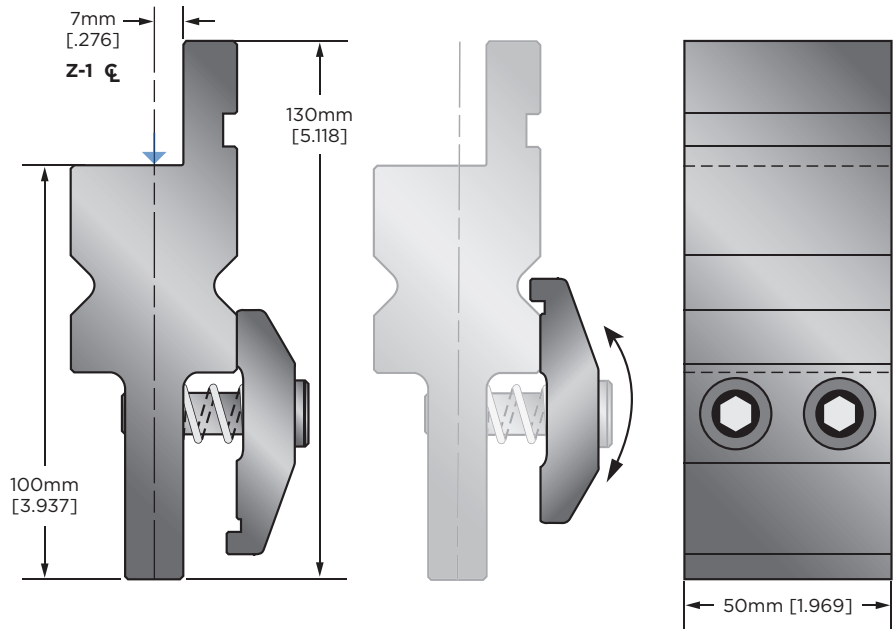


MANUAL CLAMPING | EUROPEAN

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.

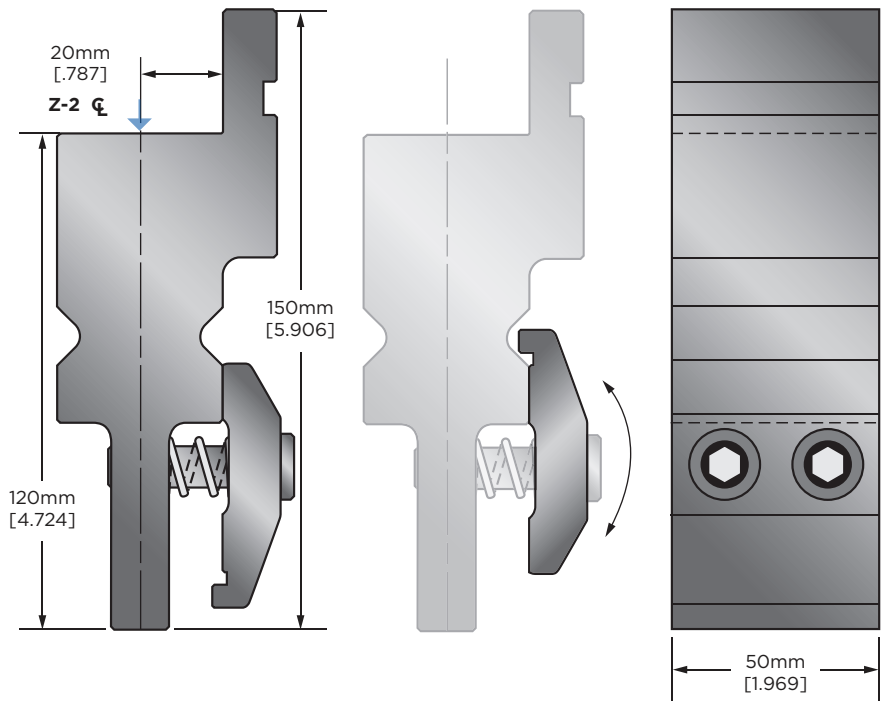


↓ Indicates where tonnage is applied.

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.

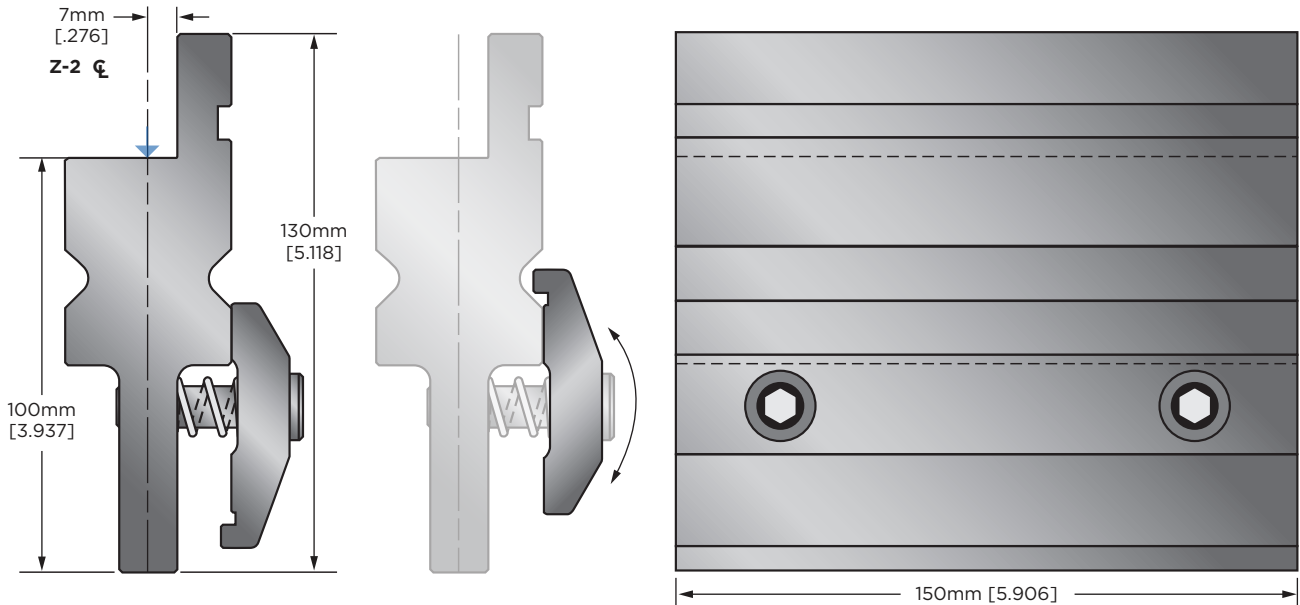


↓ Indicates where tonnage is applied.

MANUAL CLAMPING | EUROPEAN

EUROPEAN STACKING PUNCH HOLDER	
PART NO.	TONS
43003	100mm / 30 ft.

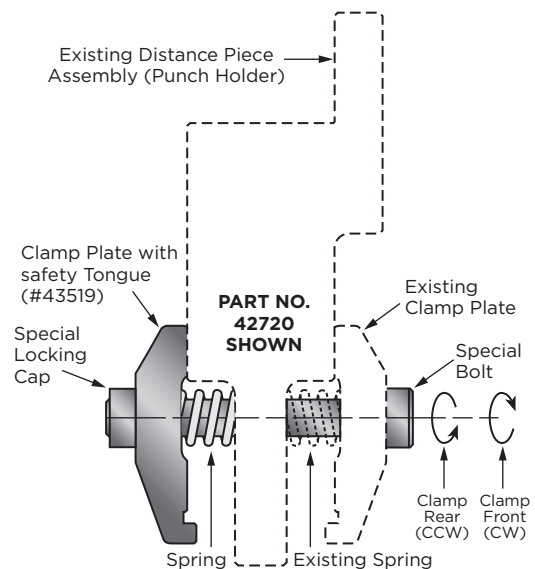
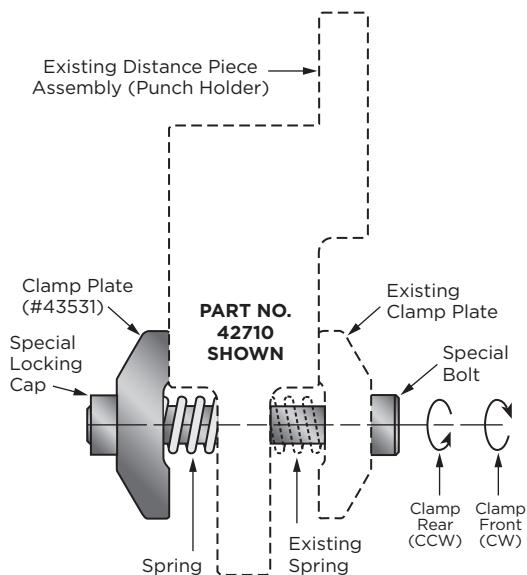
The clamp plate included with this punch holder will accommodate a punch with or without a safety groove.



↓ Indicates where tonnage is applied.

DUAL CLAMPING KIT	
PART NO.	DESCRIPTION
42710	Flat Clamp Kit
43531	Flat Clamp Plate

DUAL CLAMPING KIT	
PART NO.	DESCRIPTION
42720	Safety Clamp Kit
43519	Safety Clamp Plate



EUROPEAN STYLE TOOLING

MANUAL CLAMPING | EUROPEAN

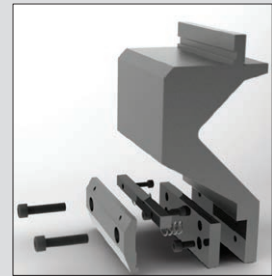
Z2 PUNCH HOLDER

PART NO.	MAX. TONS	LENGTH
43002	50mm / 15 ft.	150mm / 5.906"
980079	Z1 Conversion Kit	150mm / 5.906"

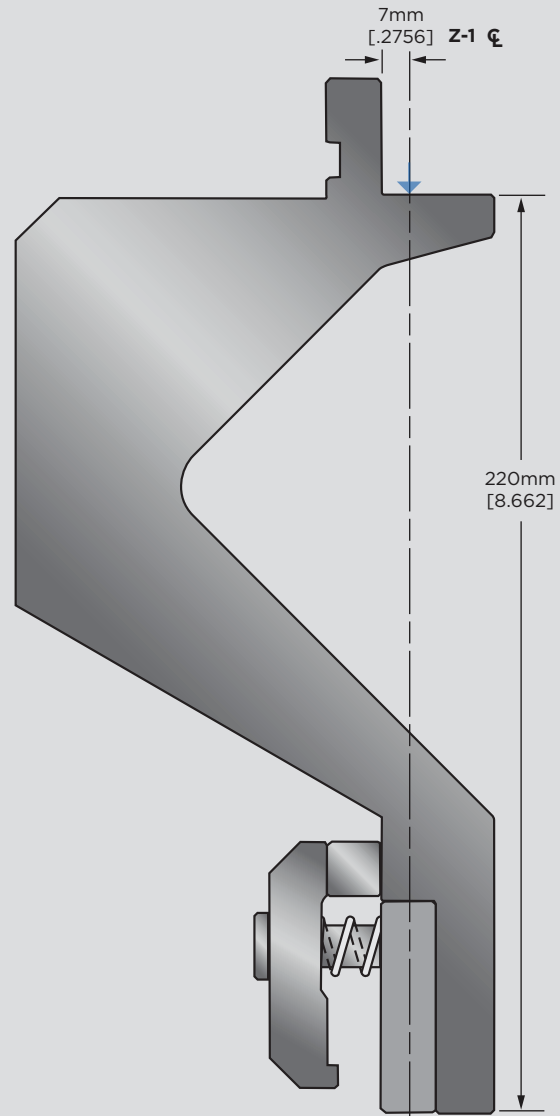
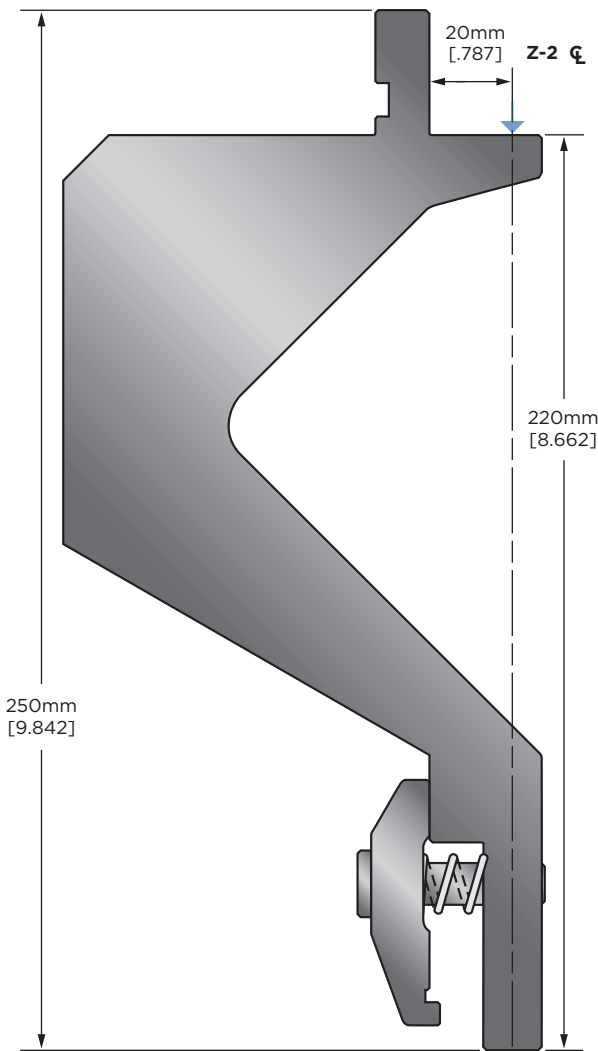
Punch holder #43002 is designed for Z2 style upper beams, but may be modified for a Z1 center by using Kit #980079.

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. See below.



EUROPEAN STYLE TOOLING

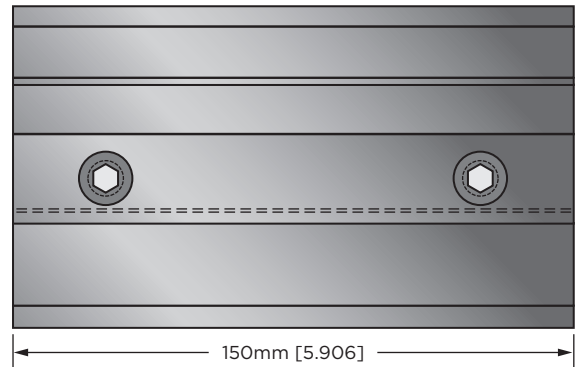
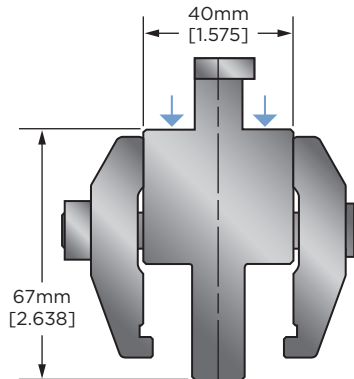


↓ Indicates where tonnage is applied.

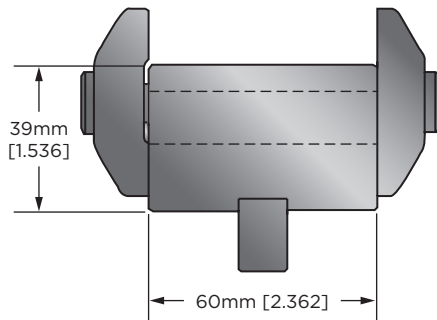
MANUAL CLAMPING | EUROPEAN

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.

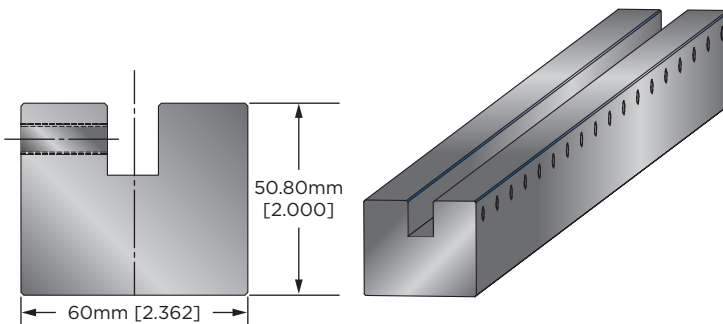


↓ Indicates where tonnage is applied.



AMERICAN TO EUROPEAN DIE HOLDER			
PART NO.	MAX. TON/FT	L LENGTH	S LENGTH
43006	40	36"	18"

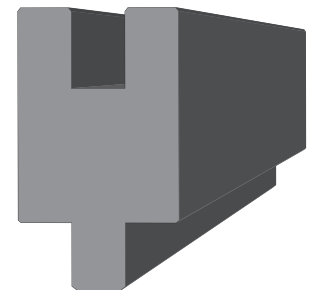
Please verify press brake tongue slot width when ordering.



EUROPEAN TO AMERICAN DIE HOLDER			
PART NO.	MAX. TON/FT	L LENGTH	S LENGTH
43590	40	36"	18"

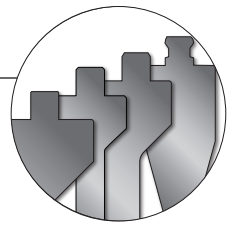
One Piece Die Holders to Fit Any Machine

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 STYLE TOOLING

EXPRESS RAIL® 1000 | AMERICAN



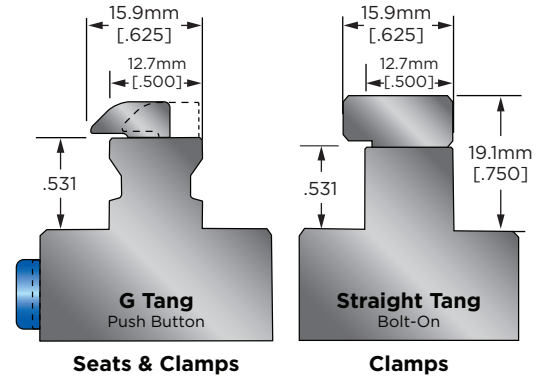
Key Features

- 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. 39)

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.

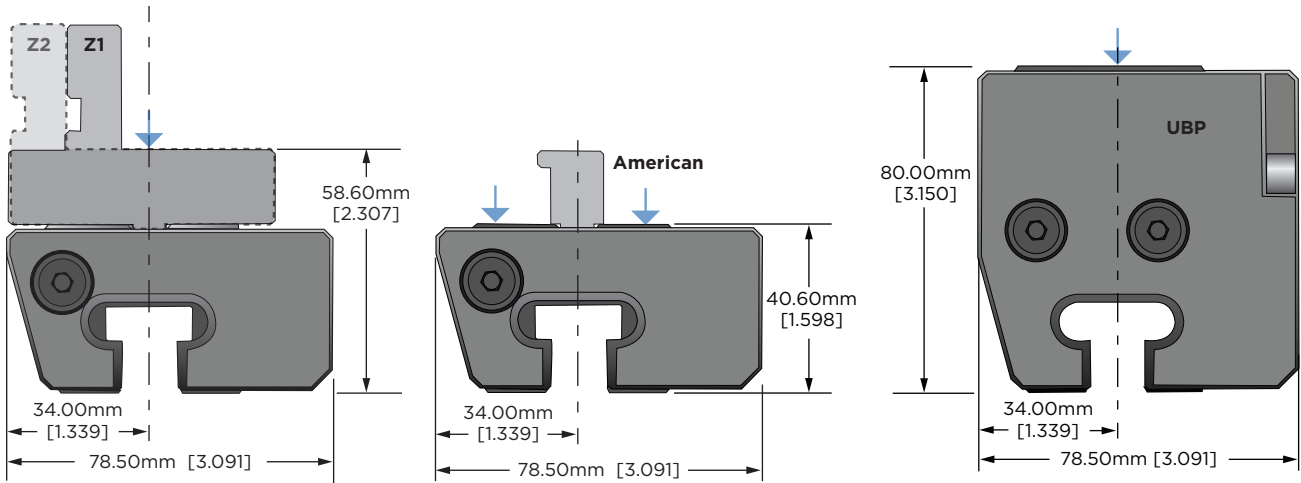


Punches Must Have Safety Tangs

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

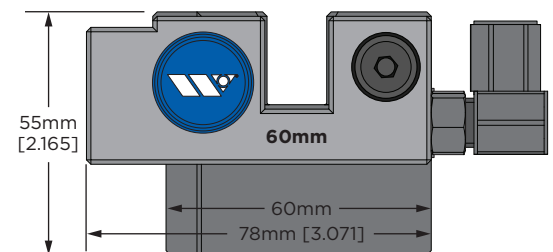
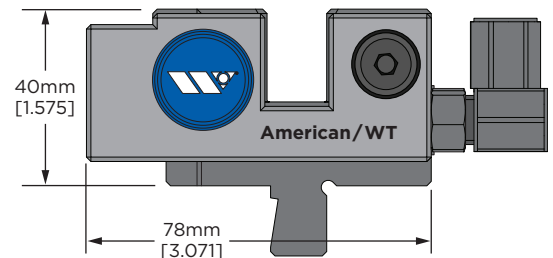
Z1, Z2, AMERICAN, UBP		
	LENGTH	PART NO.
Max. Shoulder Load = 240 T/meter; 2335 kN/meter; 80 T/ft XX = MOUNT STYLE UB = UBP AM = American Z1 = European Z1 Z2 = European Z2	1190mm	APH1190-11XXNWIL
	4 ft.	APH1211-11XXNWIL
	1530mm	APH1530-11XXNWIL
	1785mm	APH1785-11XXNWIL
	6 ft.	APH1829-11XXNWIL
	2040mm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

Additional lengths available upon request.

Lower Clamp Mounting Styles

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

Additional lengths available upon request.



AMERICAN STYLE TOOLING

EXPRESS RAIL® 2000 | AMERICAN



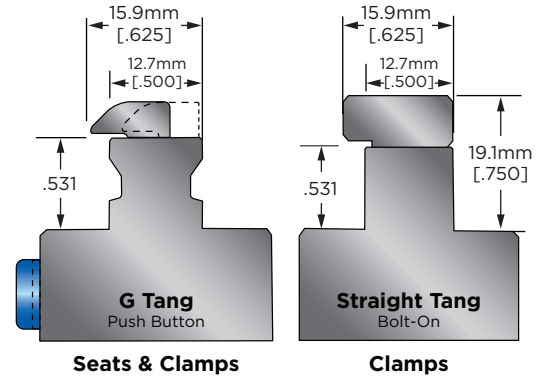
Key Features

- 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
- Nitrex® enhanced to 28-32 HRC
- Wireless control
- Hydraulic power pack with multiple voltage options is needed if not able to integrate with the machine (pg. 39)

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.

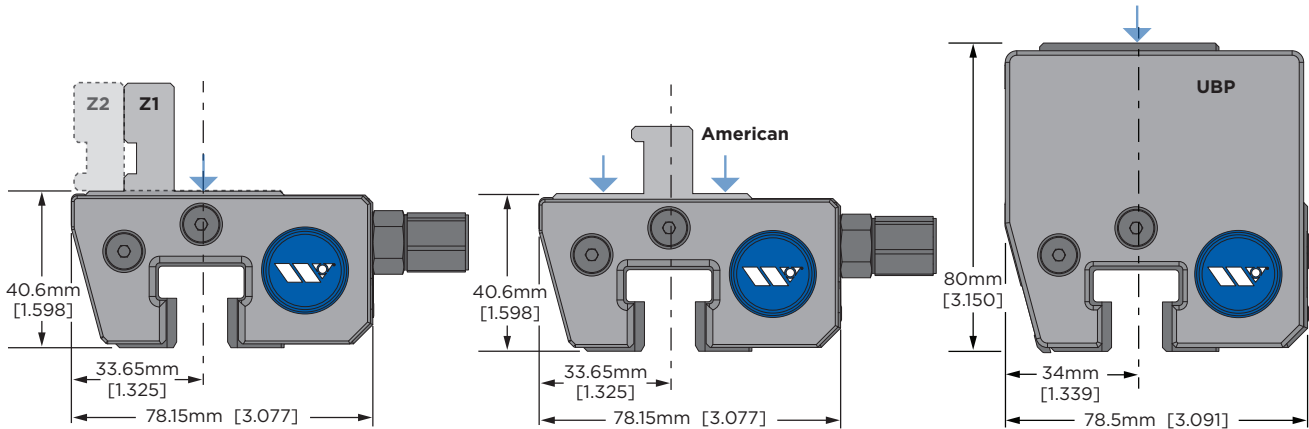


Punches Must Have Safety Tangs

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

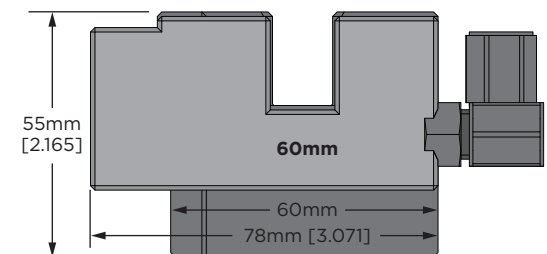
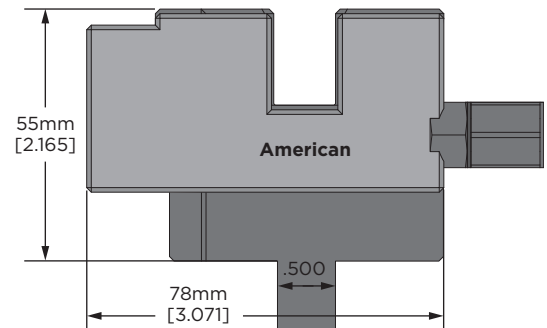
Z1, Z2, AMERICAN, UBP		
	LENGTH	PART NO.
Max. Shoulder Load = 229 T/meter; 2248 kN/meter; 77 T/ft XX = MOUNT STYLE UB = UBP AM = American Z1 = European Z1 Z2 = European Z2	1190mm	APH1190-2XXN
	4 ft.	APH1211-2XXN
	1530mm	APH1530-2XXN
	1785mm	APH1785-2XXN
	6 ft.	APH1828-2XXN
	2040mm	APH2040-2XXN
	2380mm	APH2380-2XXN
	8 ft.	APH2423-2XXN
	2550mm	APH2550-2XXN
	10 ft.	APH3038-2XXN
	3060mm	APH3060-2XXN
	12 ft.	APH3655-2XXN
	3655mm	APH3655-2XXN
	4080mm	APH4080-2XXN
	14 ft.	APH4250-2XXN
	4590mm	APH4590-2XXN
4845mm	APH4845-2XXN	

Additional lengths available upon request.

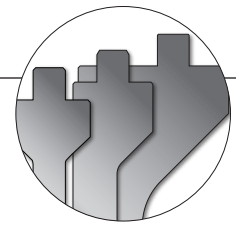
Lower Clamp Mounting Styles

60mm, AMERICAN, WT, UBP		
	LENGTH	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	1190mm	WDH1190-2XXN
	4 ft.	WDH1211-2XXN
	1530mm	WDH1530-2XXN
	1785mm	WDH1785-2XXN
	6 ft.	WDH1828-2XXN
	2040mm	WDH2040-2XXN
	2380mm	WDH2380-2XXN
	8 ft.	WDH2438-2XXN
	2550mm	WDH2550-2XXN
	3060mm	WDH3060-2XXN
	12 ft.	WDH3655-2XXN
	4080mm	WDH4080-2XXN
	14 ft.	WDH4250-2XXN

Additional lengths available upon request.



AMERICAN STYLE TOOLING



POWER EXPRESS® | AMERICAN

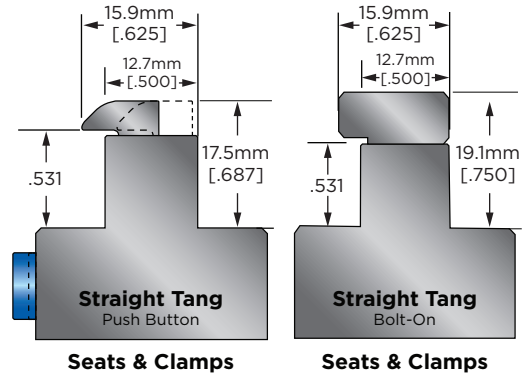
Key Features

- 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. 39)
- 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.

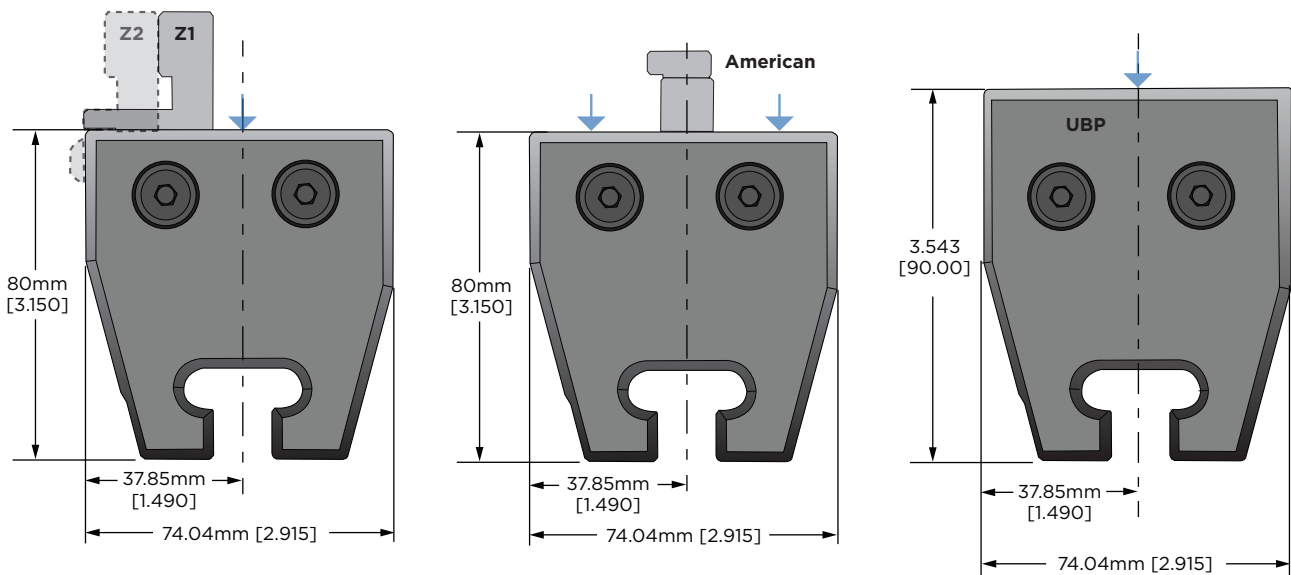


Punches Must Have Safety Tangs

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.

UBP		
	LENGTH	PART NO.
Max. Shoulder Load = 209 T/meter 2043 kN/meter 70 T/ft	1190mm	532C1190
	4 ft.	532C48
	1530mm	532C1530
	6 ft.	532C72
	1785mm	532C1785
	8 ft.	532C96
	2380mm	532C2380
	2550mm	532C2550
	10 ft.	532C120
	3060mm	532C3060
	12 ft.	532C144
	3655mm	532C3655
	4080mm	532C4080
	14 ft.	532C168
	4250mm	532C4250

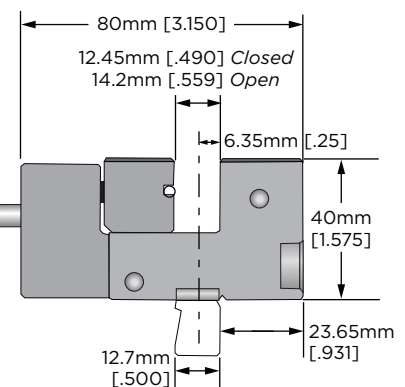
Additional lengths available upon request.

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")

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.



Choose Your Method of Crowning Actuation

The hand crank drive, electric motor, mount kit are sold separate from Express Crowning.



Hand Crank Drive Assembly

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

PART NO.
987341



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

EXPRESS CROWNING™ | AMERICAN

Then Choose Manual or Hydraulic Die Clamping

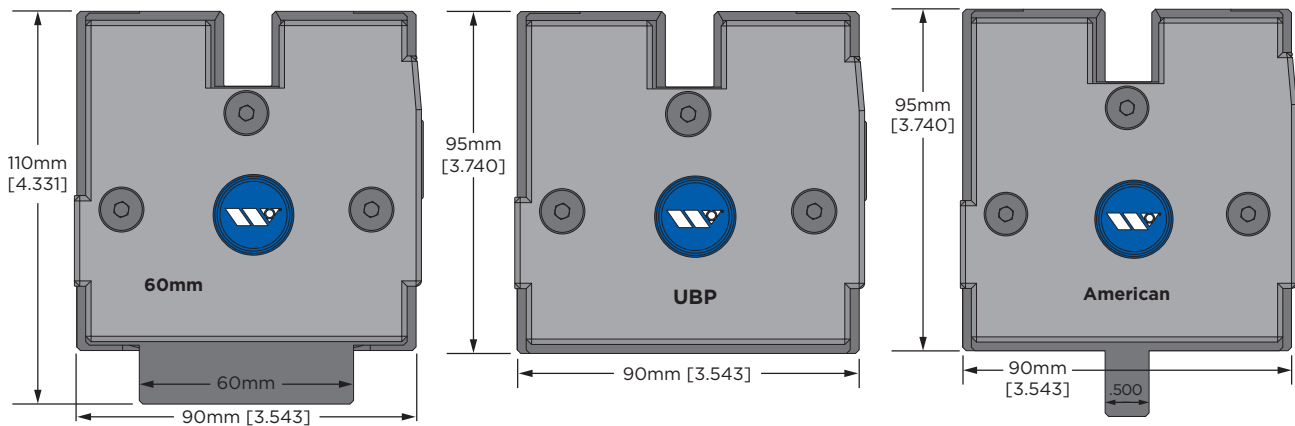
<p>Max. Shoulder Load = 240 T/meter; 2335 kN/meter; 80 T/ft</p> <p>XX = MOUNT STYLE UB = UBP AM = American/WT 60 = 60mm 90 = 90mm</p> <p>X = ADJUST L = Crowning Left R = Crowning Right</p>	LENGTH	MANUAL PART NO.	HYDRAULIC PART NO.
	2380mm	ADM2380-20XXCXLWIL	ADH2380-20XXCXLWIL
	8 ft.	ADM2423-20XXCXLWIL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

Additional lengths available upon request.

Part Number Building

POWER	TOOL STYLE	HOLDER TYPE	ACTUATION	LENGTH [L]	SERIES [S]	GENERATION	MOUNT STYLE [M]	ADJUSTMENT	BRAND
MANUAL	A	D	M	SEE LENGTHS AVAILABLE	2	0	SELECT YOUR MOUNT STYLE	SELECT MACHINE CONTROL LOCATION	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

- Max. Ton/ft = 30

EUROPEAN Z1 TO AMERICAN STRAIGHT TANG			
PART NO.	LENGTH		
	L	S	X
43851	36"	18"	35.87"

Includes set screws every 50.8mm (2") Nitrex® enhanced to 70 HRC

EUROPEAN Z2 TO AMERICAN STRAIGHT TANG			
PART NO.	LENGTH		
	L	S	X
43852	36"	18"	35.87"

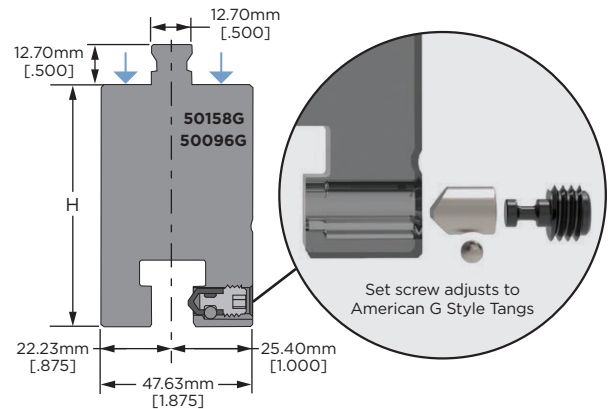
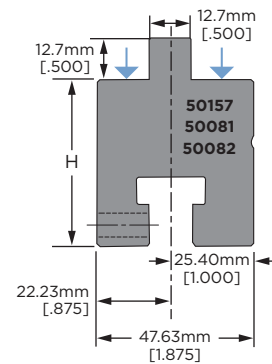
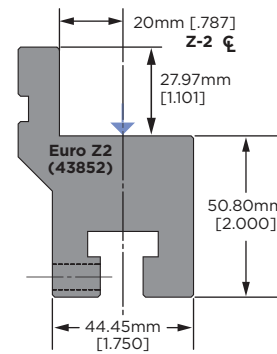
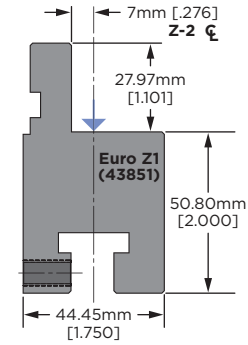
Includes set screws every 50.8mm (2") Nitrex® enhanced to 70 HRC

AMERICAN TO AMERICAN STRAIGHT TANG				
PART NO.	HEIGHT [H]	LENGTH		
		L	S	X
50157	50.8mm / 2"	36"	18"	35.87"
50081	76.2mm / 3"	36"	18"	35.87"
50082	101.6mm / 4"	36"	18"	35.87"

Includes set screws every 50.8mm (2") Nitrex® enhanced to 70 HRC

GROOVE CLAMPING TO GROOVE TANG				
PART NO.	HEIGHT [H]	LENGTH		
		L	S	X
50158G	50.8mm / 2"	36"	18"	35.87"
50096G	101.6mm / 4"	36"	18"	35.87"
53067		Hex Head Screw		
53068		Self Seating Pin		
972743		.04mm Steel Ball		

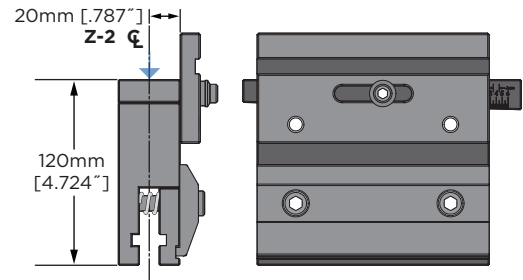
Includes set screws every 50.8mm (2") Nitrex® enhanced to 70 HRC



↓ Indicates where tonnage is applied.

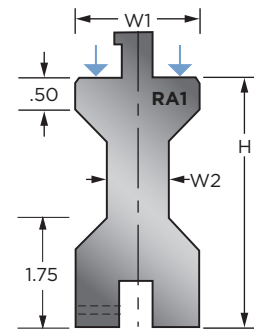
MANUAL CLAMPING | AMERICAN

EUROPEAN Z2 TO AMERICAN & EUROPEAN	
PART NO.	LENGTH
43853	150mm 5.906"



DOG BONE PUNCH HOLDERS				
WIDTH [W1]	WIDTH [W2]	AVAILABLE HEIGHT [H]		
38.1mm / 1-1/2"	15.7mm / .62"	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"			

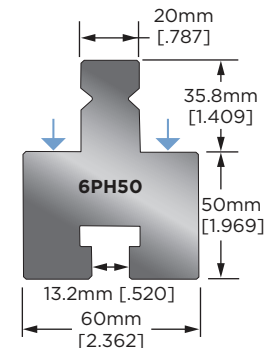
Any punch holder with a width of 2" or greater can be made to accept a Hook/Safety Tang.



WT TO AMERICAN PUNCH HOLDER							
PART NO.	H HEIGHT	KN/M	MAX TON	500 LENGTH	SECTIONALIZED		
					X LENGTH	X1 LENGTH	X2 LENGTH
6PH50	50mm 1.969"	1900	60m 197 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.

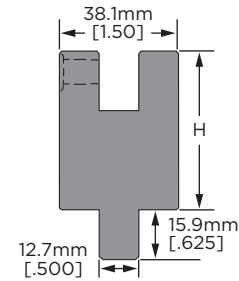
AMERICAN STYLE TOOLING

MANUAL CLAMPING | AMERICAN

Die Holders

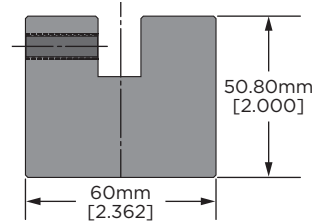
AMERICAN TO AMERICAN					
PART NO.	HEIGHT [H]	TONS MM [FT]	LENGTH		
			L	S	X
50084	50.8mm / 2"	133 [40]	36"	18"	35.87"
50085	76.2mm / 3"	133 [40]	36"	18"	35.87"
50086	101.6mm / 4"	133 [40]	36"	18"	35.87"
custom	specify	Call Wilson Tool International for lead times			

Nitrex® enhanced to 70 HRC. Includes set screws every 50.8mm (2").



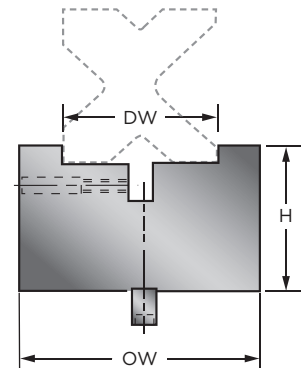
EUROPEAN TO AMERICAN				
PART NO.	HEIGHT [H]	TONS MM [FT]	LENGTH	
			L	S
43590	50.8mm / 2"	133 [40]	36"	18"

Nitrex® enhanced to 70 HRC. Includes set screws every 50.8mm (2").



4-WAY DIE HOLDERS			
HOLDER	H	OW	DW
4A	50.8mm / 2.0"	88.9mm / 3.5"	57.9mm / 2.28"
4B	50.8mm / 2.0"	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"	127.0mm / 5.0"	92.7mm / 3.65"
4E	63.5mm / 2.5"	165.1mm / 6.5"	134.1mm / 5.28"

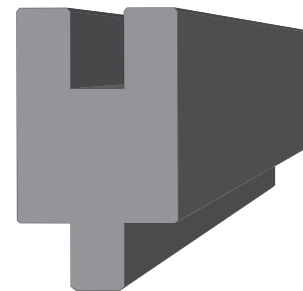
Screw holes in 4-way adapters are 3/8" 16 on 12" centers. Specify if tongue required.



AMERICAN STYLE TOOLING

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.



POWER SOURCES

Power Sources

- Floor or Machine Mount

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	LEAD TIME		
EXPRESS RAIL® 1000, EXPRESS RAIL® 2000, EXPRESS CROWNING™ • OPERATING PRESSURE: 500-700 PSI (35-52 Bar); FLOW RATE: 7.2 lpm (1.9 GPM)														
972879R	Single	110V 20amp	(1) 12 ft.	Wireless Pendant	■	■	■	■	■	None Needed	1.25 Gallon DTE Light or DTE 24	Same Day		
972879R-2	Dual		(2) 12 ft.		■	■	■	■	■					
980076R	Single	220V 20amp	(1) 12 ft.		■	■	■	■	■					
980076R-2	Dual		(2) 12 ft.		■	■	■	■	■					
974186R*	Single	480V 20amp	(1) 12 ft.		Wired Pendant	■	■	■	■	Hard Wire Needed			1 Gallon DTE Light or DTE 24	
974186R-2*	Dual		(2) 12 ft.			■	■	■	■					
988284-2	Dual	110V 15amp	(2) 9 ft.				■	■	■	Plug Needed				
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	Same Day		
980108-2	Dual		(1) 12 ft.		■	■	■	■						
980218	Single	480V	(1) 12 ft.	Machine Integrated	■					Hard Wire Needed		15 Days		
980218-2	Dual		(2) 12 ft.		■									
ACCESSORIES														
972849	Remote Control Only													
974187*	Manifold* (Upgrade Single to Double)													

*Ships without power cord. Requires electrician for wiring.

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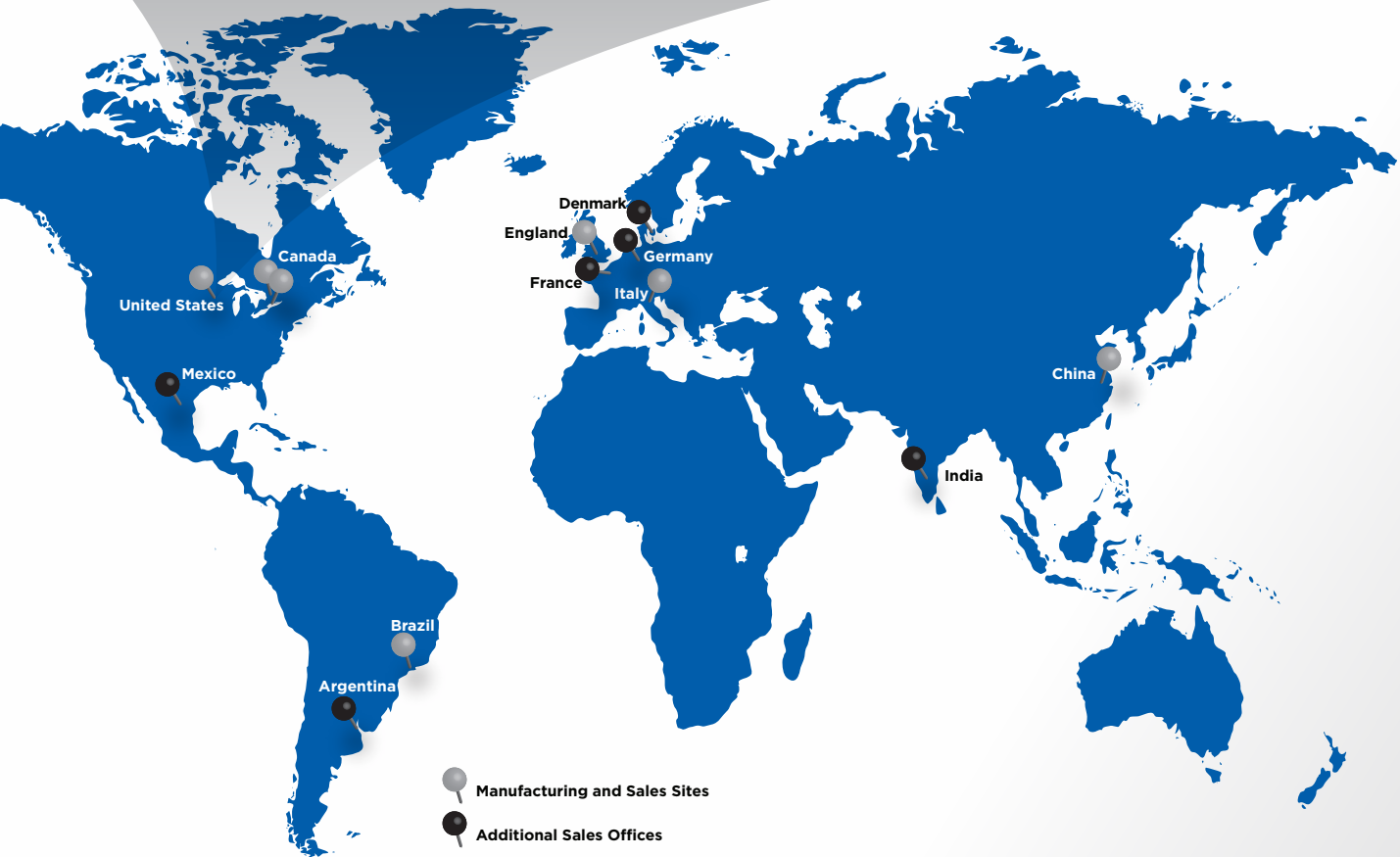


POWER SOURCES

WILSON TOOL INTERNATIONAL HEADQUARTERS

12912 Farnham Avenue N, White Bear Lake, MN 55110, USA
800-445-4518 | **bending@wilsontool.com**

Canada 800-268-4180 bendingcanada@wilsontool.com
Mexico 001-800-741-2510 doblez@wilsontool.com



COMMITTED TO YOUR SUCCESS

Wilson Tool International is committed to your success. Every product you buy, every employee with whom you communicate, and every training event you attend, is designed to help customers just like you be more successful. We will work with you to find the best possible solution to whatever challenge you may be facing. And, as always, with every order, you'll get our quality guarantee: *Your success is our priority. If you're ever unsatisfied with a Wilson Tool International product, we'll do everything we can to make it right and keep you up and running.*



B335C (10.2019)