



SPEED SETUPS AND REFRESH YOUR PRESS BRAKE

Add a clamping system to your press brake to add new life to your machine and dramatically reduce setup and changeover time. 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 a clamping solution to improve efficiencies on every press brake.

Express Rail® 1000 Part Number Building Example

TOOL STYLE	ACTUATION	SERIES	MOUNT STYLE
HOLDER TYPE	LENGTH	GENERATION	ADJUSTMENT
W P H	3060	- 2 0	UB N

Express Rail® 2000 Part Number Building Example

TOOL STYLE	ACTUATION	SERIES	MOUNT STYLE
HOLDER TYPE	LENGTH	ADJUSTMENT	
W P H	3060	- 2	UB N

Express Crowning® Part Number Building Example

TOOL STYLE	ACTUATION	SERIES	MOUNT STYLE	BRAND
HOLDER TYPE	LENGTH	GENERATION	ADJUSTMENT	
A D H	2380	- 20	60 C L	W I L

Part Number Building Key

TOOL STYLE
A = American
W = WT

HOLDER TYPE
P = Punch
D = Die

ACTUATION
M = Manual
H = Hydraulic

SERIES
1 = 1000
2 = 2000

GENERATION
0 = First
1 = Second

MOUNT STYLE
UB = UBP
AM = American
WT = WT
60 = Euro 60mm
90 = Euro 90mm
Z1 = Euro Z1
Z2 = Euro Z2

ADJUSTMENT
CL = Crowning Left
CR = Crowning Right
N = None

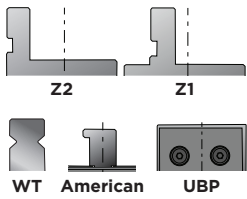
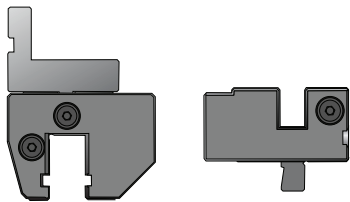
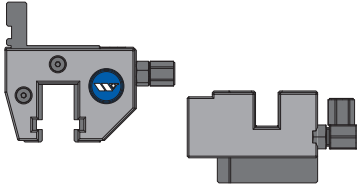
BRAND
WIL = Wilson

Power Sources

DESCRIPTION	CAT. NO.	
	EXPRESS RAIL® 1000 EXPRESS RAIL® 2000 EXPRESS CROWNING®	POWER EXPRESS®
110V Single Manifold	972879R	980108
110V Dual Manifold	972879R-2 (20amp) 988284-2 (15amp)	980108-2
220V Single Manifold	980076R	—
220V Dual Manifold	980076R-2	—
480V Single Manifold	974186R*	—
480V Dual Manifold	974186R-2*	—
Remote Control Only	972849	972849
Manifold* (Upgrade Single to Double)	974187	974187

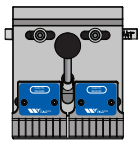
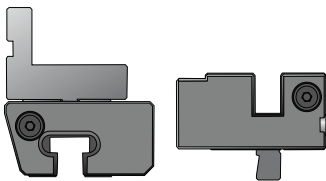
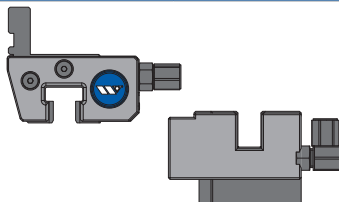
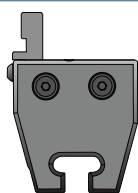
*Ships without power cord. Requires electrician for wiring.



		WT-STYLE					
							
		EXPRESS RAIL® 1000		EXPRESS RAIL® 2000		EXPRESS CROWNING®	EXPRESS
		PUNCH HOLDERS	DIE HOLDERS	PUNCH HOLDERS	DIE HOLDERS	DIE HOLDERS	DIE 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")
	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")		15.8mm (0.625")	
	HARDNESS	70 HRC		28-32 HRC		28-32 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
		**TOOL WEIGHT LIMIT TO CLAMP & SEAT kg/m (lbs/ft)	—	297kg (200 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
	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
	BEAM CONSTRUCTION	Modular		Solid Body		Solid Body	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")
	OPERATING PRESSURE	450-700 Psi 31-48 Bar		450-700 Psi 31-48 Bar		450-700 Psi or Set Screws	—
	CLEAR 30° ACUTE FRONT & BACK	Front Only	—	Front Only	—	—	—
	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.

EUROPEAN STYLE	AMERICAN STYLE						
							
EXPRESS CLAMPS	EXPRESS RAIL® 1000		EXPRESS RAIL® 2000		POWEREXPRESS®		EXPRESS 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.

ORDERING INFO

	STYLE OF CLAMPING SYSTEM	METHOD TO SECURE TO THE PRESS BRAKE	TOOL LENGTH AVAILABILITY																
			610mm / 2'	1190mm	1219mm / 4'	1530mm	1785mm	1829mm / 6'	2040mm	2380mm	2438mm / 8'	2550mm	3048mm / 10'	3060mm	3655mm	3658mm / 12'	4080 mm	4267mm / 14'	
AMERICAN STYLE TOOLING	UPPER CLAMPS																		
	Express Rail® 1000	American, Z1, Z2, UBP		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Express Rail® 2000	American, Z1, Z2, UBP		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	PowerExpress®	UBP		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
		American, Z1, Z2	●		●			●			●		●			●		●	
	LOWER CLAMPS																		
	Express Rail® 1000	American, WT, 60mm, 90mm, UBP		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Express Rail® 2000	American, WT, 60mm, 90mm, UBP		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Express PowerExpress®	American, WT, 60mm, 90mm	●		●			●			●		●			●		●		
WT-STYLE TOOLING	UPPER CLAMPS																		
	Express Rail® 1000	American, Z1, Z2, UBP		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Express Rail® 2000	American, Z1, Z2, UBP		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	LOWER CLAMPS																		
	Express Rail® 1000	American, WT, 60mm, 90mm, UBP		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Express Rail® 2000	American, WT, 60mm, 90mm, UBP		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Express	American, WT, 60mm, 90mm	●		●			●			●		●			●		●		

**See page 1 for instructions on Catalog Number building.

Machine specific mounting and other lengths available.

	STYLE OF CLAMPING SYSTEM	METHOD TO SECURE TO THE PRESS BRAKE	CATALOG NUMBERS	
EUROPEAN STYLE TOOLING	UPPER CLAMPS		CLAMPS ONE SIDE ONLY	FRONT & BACK CLAMP PLATES
	Express	American with Wedge	43815-2 (qty. 2)	43815 (qty. 2 each)
		Z1 with Wedge	43817i-2 (qty. 2)	43817i (qty. 2 each)
		Z2 with Wedge	43818i-2 (qty. 2)	43818i (qty. 2 each)
		WT	43819-2 (qty. 2)	43819 (qty. 2 each)
	LOWER CLAMPS			
	Express	American, WT, 60mm, 90mm	54100 (Offered in 2-foot increments)	

For more information, visit wilsontool.com/clamping, call our tooling technicians at 800-445-4518 or contact your sales engineer.

© Wilson Tool International.
All rights reserved. B346F (3.2021) NA



Wilson Tool International
bending@wilsontool.com | 800-445-4518