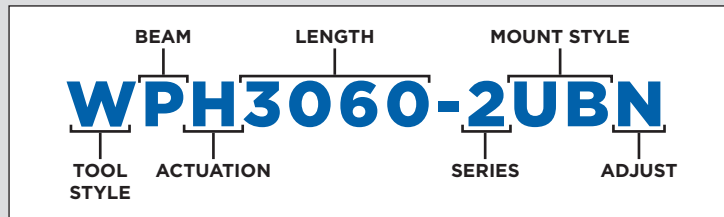




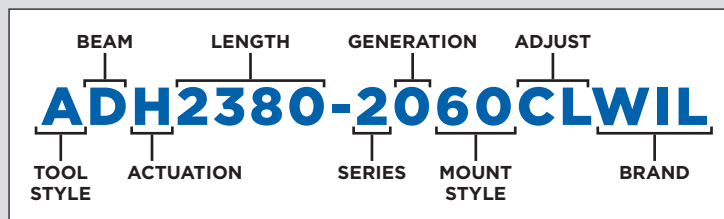
SPEED SETUPS AND REFRESH YOUR PRESS BRAKE

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 provides a clamping solution to improve efficiencies on every press brake.

Express Rail® 2000 Catalog Number Building



Crowning Catalog Number Building



Catalog Number Building Key

TOOL STYLE
A = American
W = WT
E = Euro

BEAM
P = Punch
D = Die

ACTUATION
M = Manual
H = Hydraulic

SERIES
2 = 2000

GENERATION
0 = First
2 = Second

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

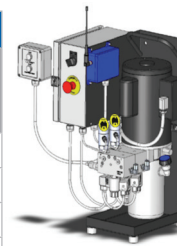
ADJUST
CL = Crowning Left
CR = Crowning Right
N = None

BRAND
WIL = Wilson

Power Sources

| DESCRIPTION | CAT. NO. | |
|---|--|---------------|
| | EXPRESS RAIL® EXPRESS RAIL® 2000 EXPRESS CROWNING™ | POWEREXPRESS® |
| 110V Single Manifold | 972879 | 980108 |
| 110V Dual Manifold | 972879-2 | 972583-2 |
| 220V Single Manifold | 980076 | — |
| 220V Dual Manifold | 980076-2 | — |
| 480V Single Manifold* | 974186 | — |
| 480V Dual Manifold* | 974186-2 | — |
| Remote Control Only | 972849 | 972849 |
| Manifold* (Upgrade Single to Double) | 974187 | 974187 |

*Ships without power cord. Requires electrician for wiring.



HYDRAULIC

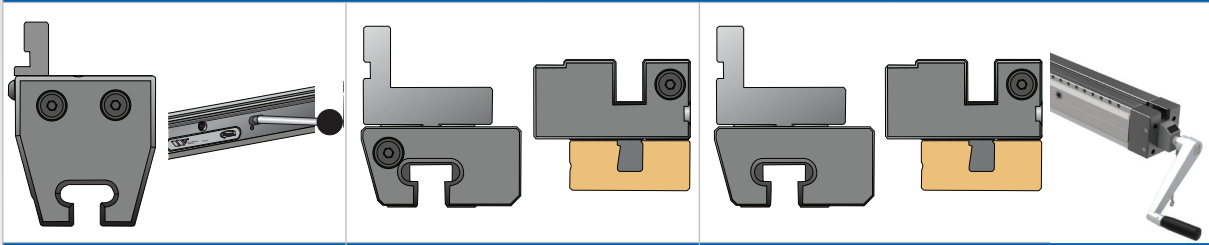
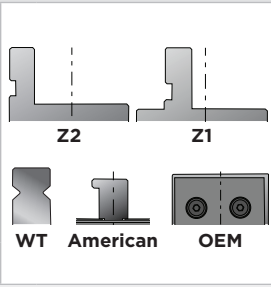


PUSH BUTTON

MANUAL

| DESCRIPTION | CAT. NO. |
|---------------------|----------|
| EXPRESS AIR™ | |
| Push Button | 987048 |
| Manual | 987049 |

AMERICAN STYLE TOOLING



POWEREXPRESS® EXPRESS RAIL® EXPRESS RAIL® 2000

| TOOLING INFORMATION | POWEREXPRESS® | | EXPRESS RAIL® | | EXPRESS RAIL® 2000 | | | |
|---|---|------------------------------------|--|--|--|--|---|---|
| | *PUNCH HOLDERS | DIE HOLDERS | *PUNCH HOLDERS | DIE HOLDERS | *PUNCH HOLDERS | DIE HOLDERS | CROWNING DIE HOLDERS | |
| TOOL STYLE | Flat Tang American: .500"(12.7mm) | Flat Tang American: .500"(12.7mm) | "G" Tang/Flat Tang American: .500"(12.7mm) | Flat Tang American: .500"(12.7mm) | "G" Tang/Flat Tang American: .500"(12.7mm) | Flat Tang American: .500"(12.7mm) | Flat Tang American: .500"(12.7mm) | |
| SEATING | Flat Tang American: .500"(12.7mm) | — | "G" Tang American: .500"(12.7mm) with Buttons | — | "G" Tang American: .500"(12.7mm) with Buttons | — | — | |
| SHORTEST PIECE TO CLAMP | 0.5"(12.7mm) | | 0.625"(15.8mm) | | 0.625"(15.8mm) | | 0.625"(15.8mm) | |
| HARDNESS | 70 HRC | | 70 HRC | | 28-32 HRC | | 28-32 HRC | |
| TOOL TOP | — | | — | | — | | — | |
| TOOL SHOULDER LOAD (symmetric) | 70 tons/ft 210 tons/m | 90 tons/ft 270 tons/m | 70 tons/ft 210 tons/m | 90 tons/ft 270 tons/m | 70 tons/ft 210 tons/m | | 68 tons/ft 200 tons/m | |
| TOOL WEIGHT LIMIT TO CLAMP & SEAT (lbs per ft/kg per m) | American: 500 lbs (745kg) UBP, Z1, Z2: 600 lbs (892kg) | — | 600 lbs (892kg) | — | 600 lbs (892kg) | — | — | |
| 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 | American, UBP, Z2, Z1 | American, UBP, WT, 60mm, 90mm | American, WT, 60mm, 90mm, UBP |
| | POWER, METHOD, ACTUATION | Hydraulic, Piston, Wireless | Mechanical, Cam, Handle | Hydraulic, Bladder, Wireless | | Hydraulic, Bladder, Wireless | | Hydraulic or Mechanical, Bladder or Set Screw, Wireless or Manual |
| | BEAM CONSTRUCTION | Modular | | Modular | | Solid Body | | Solid Body |
| | WORKING HEIGHT | American, Z2, Z1, UBP: 3.54"(90mm) | American, WT: 1.575"(40mm) 60mm, 90mm: 2.559"(65mm) | American: 1.598"(40.6mm) Z2, Z1: 2.307"(58.6mm) UBP: 3.15"(80mm) | American, WT: 1.575"(40mm) 60mm, 90mm: 2.559"(65mm) | American, Z1, Z2: 2.441"(62mm) UBP: 3.15"(80mm) | American, WT, UBP, 60mm, 90mm: 2.165"(55mm) | American, WT, UBP, 60mm, 90mm: 3.740"(95mm) |
| | OPERATING PRESSURE | 2400-2800 Psi 165-193 Bar | — | 450-700 Psi 31-48 Bar | | 450-700 Psi 31-48 Bar | | 450-700 Psi or Set Screws |
| | CLEAR 30° ACUTE FRONT & BACK | Front & Back | — | Front Only | — | Front Only | — | — |
| | ALIGNMENT TX (front to back) | — | — | — | — | — | — | UBP only: ±.030"(.76mm) |
| | ALIGNMENT TY — MICRO CROWN (height/up and down) | — | — | — | — | — | — | .020"(.5mm) |
| | CROWNING ADJUSTMENT | — | — | — | — | — | — | 0-.138" (0-3.5mm) |

*MUST HAVE SAFETY TANG.

Tools have different ratings for symmetric versus off center.

WT STYLE TOOLING

EUROPEAN STYLE TOOLING

| WT STYLE TOOLING | | | | | | EUROPEAN STYLE TOOLING | | |
|--|--|--|---|---|--|---|----------------------------|----------------|
| | | | | | | | | |
| EXPRESS RAIL® | | EXPRESS RAIL® 2000 | | | | EXPRESS | EXPRESS AIR™ | EXPRESS CLAMPS |
| PUNCH HOLDERS | DIE HOLDERS | PUNCH HOLDERS | DIE HOLDERS | CROWNING DIE HOLDERS | DIE HOLDERS | PUNCH HOLDERS | PUNCH HOLDERS | |
| WT: .787"(20mm) | WT: .512"(13.0mm) | WT: .787"(20mm) | WT: .512"(13.0mm) | WT: .512"(13.0mm) | Flat Tang American: .500"(12.7mm) | Euro Z1: 7mm Center Line | | |
| Push Button, Click n Slide, Solid Pin | — | Push Button, Click n Slide, Solid Pin | — | — | — | Euro Z1: 7mm Center Line Beveled and Straight Tang | During First Bend | |
| 0.625"(15.8mm) | | 0.625"(15.8mm) | | 0.625"(15.8mm) | | 0.394"(10mm) | | |
| 70 HRC | | 28-32 HRC | | 28-32 HRC | 70 HRC | 70 HRC | | |
| 80 tons/ft 240 tons/m | — | 70 tons/ft 210 tons/m | — | — | — | — | — | |
| 84 tons/ft 252 tons/m | 80 tons/ft 240 tons/m | 80 tons/ft 240 tons/m | 70 tons/ft 210 tons/m | 68 tons/ft 200 tons/m | 90 tons/ft 270 tons/m | 35 tons/ft 104 tons/m | 45 tons/ft 134 tons/m | |
| 600 lbs (892kg) | — | 600 lbs (892kg) | — | — | — | 192 lbs (288kg) | — | |
| 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 | American, Z2, Z1 | |
| Hydraulic, Bladder, Wireless | | Hydraulic, Bladder, Wireless | | Hydraulic or Mechanical, Bladder or Set Screw, Wireless or Manual | Mechanical, Cam, Handle | Pneumatic, Piston, Wireless or Handle | Mechanical, Cam, Handle | |
| Modular | | Solid Body | | Solid Body | Modular | Modular | | |
| American, Z1, Z2: 2.441"(62mm) UBP: 3.15"(80mm) | American: 1.575"(40mm) 60mm, 90mm: 2.559"(65mm) | American: 2.441"(62mm) Z2, Z1, UBP: 3.15"(80mm) | American, WT, UBP, 60mm, 90mm: 2.165"(55mm) | American, WT, UBP, 60mm, 90mm: 3.740"(95mm) | American, WT: 1.575"(40mm) 60mm, 90mm: 2.559"(65mm) | American, Z1: 100mm Z2: 120mm | | |
| 450-700 Psi 31-48 Bar | | 450-700 Psi 31-48 Bar | | 450-700 Psi or Set Screws | — | 450-700 Psi 31-48 Bar | — | |
| Front Only | — | Front Only | — | — | — | Front & Back | | |
| — | — | — | — | UBP only: ±.030"(.76mm) | — | — | — | |
| — | — | — | — | .020"(.5mm) | — | — | — | |
| — | — | — | — | 0-.138" (0-3.5mm) | — | — | — | |

ORDERING INFO

| | STYLE OF CLAMPING SYSTEM | METHOD TO SECURE TO THE PRESS BRAKE | CATALOG NUMBERS | 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 | 4250mm |
| AMERICAN STYLE TOOLING | UPPER CLAMPS | | | | | | | | | | | | | | | | | | |
| | Express Rail® | UBP | 532C | • | | • | • | | • | • | | • | • | | • | • | | • | • |
| | | American, Z1, Z2 | 535C | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| | Express Rail® 2000 | UBP | ** | • | | • | • | | • | • | | • | • | | • | • | | • | • |
| | | American, Z1, Z2 | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| | PowerExpress® | UBP | 530C | • | | • | • | | • | • | | • | • | | • | • | | • | • |
| | | American, Z1, Z2 | | • | | • | | • | | • | | • | | • | | • | | • | |
| | LOWER CLAMPS | | | | | | | | | | | | | | | | | | |
| | Express Rail® | American, WT, 60mm, 90mm | 534C | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| | | UBP | ** | • | | • | • | | • | • | | • | • | | • | • | | • | • |
| Express Rail® 2000 | American, WT, 60mm, 90mm | ** | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | |
| | UBP | | • | | • | | • | | • | | • | | • | | • | | • | | |
| Express | American, WT, 60mm, 90mm | 54100 | • | | • | | • | | • | | • | | • | | • | | • | | |
| PowerExpress® | American, WT, 60mm, 90mm | 54000 | • | | • | | • | | • | | • | | • | | • | | • | | |
| WT STYLE TOOLING | UPPER CLAMPS | | | | | | | | | | | | | | | | | | |
| | Express Rail® | UBP | 632C | • | | • | • | | • | • | | • | • | | • | • | | • | • |
| | | American, Z1, Z2 | 635C | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| | Express Rail® 2000 | UBP | ** | • | | • | • | | • | • | | • | • | | • | • | | • | • |
| | | American, Z1, Z2 | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| | LOWER CLAMPS | | | | | | | | | | | | | | | | | | |
| | Express Rail® | American, WT, 60mm, 90mm | 534C | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| | | UBP | ** | • | | • | • | | • | • | | • | • | | • | • | | • | • |
| | Express Rail® 2000 | American, WT, 60mm, 90mm | ** | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| | | UBP | | • | | • | | • | | • | | • | | • | | • | | • | |
| Express | American, WT, 60mm, 90mm | 54100 | • | | • | | • | | • | | • | | • | | • | | • | | |

**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 | | | |
| | Express Air™ | American | 44815-1 (Front Clamp Plate) | 44815 (Front & Back Clamp Plates) |
| | | Z1 | 44817-1 (Front Clamp Plate) | 44817 (Front & Back Clamp Plates) |
| | | Z2 | 44818-1 (Front Clamp Plate) | 44818 (Front & Back Clamp Plates) |
| | Express | American with Wedge | 43815-2 (2 Front Clamp Plates) | 43815 (2 Front & 2 Back Clamp Plates) |
| | | Z1 with Wedge | 43817i-2 (2 Front Clamp Plates) | 43817i (2 Front & 2 Back Clamp Plates) |
| | | Z2 with Wedge | 43818i-2 (2 Front Clamp Plates) | 43818i (2 Front & 2 Back Clamp Plates) |
| | | WT | 43819-2 (2 Front Clamp Plates) | 43819 (2 Front & 2 Back Clamp Plates) |
| | LOWER CLAMPS | | | |
| | Express | American, WT, 60mm, 90mm | 54100 (Offered in 2-foot increments) | |

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

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