

MORE BENDING CAPABILITY. IMPROVED PRODUCTIVITY.

Wilson V-Series™ Press Brake Dies



Wilson Tool's V-Series for press brake dies incorporates rotating inserts to decrease friction and to enable better performance on certain tough-to-bend applications. Manufactured by Rolla-V, the Wilson V-Series is available for virtually all major styles of press brake tooling.

Hard-to-bend Application Capability

Wilson V-Series dies make it much easier to produce small flanges, small bend radii, and bends closer to holes. The Wilson V-Series also enables you to bend a wide range of materials using the same die, reducing set-up time and reducing the amount of tooling required.

Interchangeable Blade Material

The rotating blades are available in either metal or composite material. Metal blades are the most durable, while composite blades are used when minimizing sheet marking is essential. These blades are interchangeable within the same die base.

Reduced Friction

Wilson V-Series dies include built-in blades that rotate so there is minimal lateral movement between the sheet and the die. This reduction in movement decreases the friction between the die and the sheet which helps to minimize sheet marking.



Strength. Performance. Innovation.

For more information on the Wilson V-Series, contact your local sales representative or contact our salesdesk at 1-800-445-4518.

www.wilsontool.com



SPECIFICATION

TYPE		MODEL 1	MODEL 2	MODEL 3
Max. material thickness [mm]		2	4	8
Max. outside radius [mm]		5	9	24
Min. Bend Angle*		30°	45°	75°
Equivalent 'V' size [mm]		8	15	38
Allowable Tonnage [Ton/Ft]		33	50	50
Min. Flange **	Material Thickness [mm]	Outside Dimension [mm]		
		MODEL 1	MODEL 2	MODEL 3
	1.0	4.7	-	-
	1.6	5.4	8.7	-
	2.0	5.6	9.8	-
	3.0	-	10.2	24.3
	4.0	-	-	25.5
6.0	-	-	26.5	
Tool Length [mm]	Euro Style	S = 417.5 mm L = 815 mm X = 550 mm		
	American Style	S = 500 mm L = 1000 mm X = 550 mm		

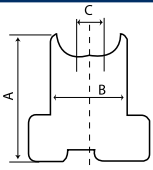
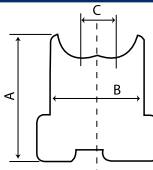
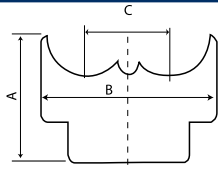
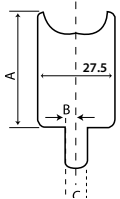
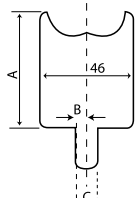
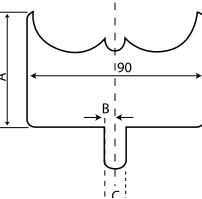


* Min bend angle may vary depending upon punch tip radius and material thickness.

More acute angles are possible subject to condition - contact our sales desk.

** These dimensions apply to bending Mild Steel and Aluminum. Dimensions may increase slightly with Stainless Steel.

TOOL PROFILE

Euro Style				A [mm]	B [mm]	C [mm]			
Model 1				60	27.5	8			
Model 2				60	46.0	15			
Model 3				60	90.0	38			
							MODEL 1	MODEL 2	MODEL 3
American Style				A [mm]	B [mm]	C [mm]			
Model 1				55 or 100	6.35	12.7			
Model 2				55 or 100	6.35	12.7			
Model 3				55 or 100	6.35	12.7			

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