

BUS BAR TOOLING FROM THE PROVIDER YOU TRUST

Reliability is a critical component of bus bar manufacturing. Wilson Tool International's Boschert style punch tooling is engineered to meet the most rigorous quality and tolerance standards, delivering accuracy and durability with every hit.

Carefully designed to meet the specifications of the electrical industry, Wilson Tool's Boschert style bus bar tooling can accommodate any standard bus bar up to .590" [15mm] thickness, allowing fabricators to maximize the capabilities of their punch press. Specialized spring packs provide the necessary stripping force. Proprietary tool steel plus a range of coatings offers the best tool life in the industry.



**CU PROFI TOOLING:
1-1/4" B STATION**

Wilson Tool High Grade Tool Steel

Wilson Tool Boschert style bus bar punches and dies are made from high-grade tool steel that stands up to copper, aluminum and steel for maximum grind life and more hits between regrinds.

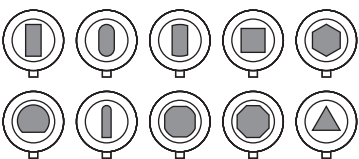
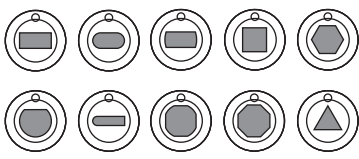
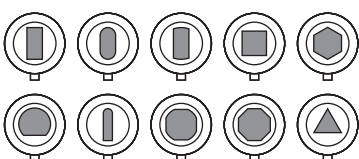
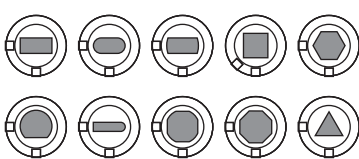
Scan QR Code
for Coatings



Coatings to Boost Tooling Performance

Do you deal with excessive galling? Are your punches wearing out faster than normal? Wilson Tool offers four unique coatings for punch press applications to solve these problems and more. Each coating provides distinct advantages depending on the problem you'd like to solve. Customize tooling for your specific application with Slip-Max®, Optima®, Nitrex® and Wearbeater™ coatings.

Standard Keying Locations

	1/2" A Station & 1-1/4" B Station	3-1/2" D Station
Punch View		
Die View		

Die Clearance Selection

Material	% Total Clearance		
	Min.	Best	Max.
Copper (1/2 Hard)	8	12	16
Brass (1/2 Hard)	6	11	16
Mild Steel	10	15	20
Steel (0.5 C)	12	18	24
Aluminum (Soft)	5	10	15
Stainless Steel	15	20	25

% x Material Thickness = Total Clearance

BOSCHERT STYLE BUS BAR TOOLING

Wilson Tool's Boschert style bus bar tooling is designed for maximum efficiency when punching aluminum, copper or mild steel. Our comprehensive range of punches and dies are designed to seamlessly integrate with machines that use Boschert bus bar tooling, accommodating any standard bar thickness.

- Up to .420" [10.668mm] grind life
- No punch shimming required



**CU PROFI TOOLING:
CUT-OFF TOOL**

CU Profi Tooling			
DESCRIPTION	1-1/4" B STATION		CUT-OFF TOOL
	ROUND	SHAPE	
Punch & Guide Assembly	80030BT	80031BT	S110B
Punch	2407B	2408B	80018
Stripper	1890	1917	80020
Standard Die	2021	2025	80019
Slug Hugger® Die	2194B	12961B	—
Die Shims .010" [0.25mm]	2209		—
<i>25/pack</i> .030" [0.76mm]	2724		—
.060" [1.5mm]	2173		—
Driver Assembly	80032BT		—
Max A Dim	1.250"		—
Max Material	.591" [15mm]		.591" [15mm]

CU-WK II Tooling						
DESCRIPTION	1/2" A STATION		1-1/4" B STATION		3-1/2" D STATION	
	ROUND	SHAPE	ROUND	SHAPE	ROUND	SHAPE
Punch & Guide Assembly	2422B	2428B	80030B	80031B	5578B	5788B
Punch	2405B	2406B	2407B	2408B	1937B	1938B
Stripper	13044	13143	1890	1917	1848	1869
Standard Die	1808	1817	2021	2025	1865	1870
Slug Hugger® Die	2194B	12959B	2194B	12961B	2198B	12965B
Die Shims .010" [0.25mm]	2208		2209		2211	
<i>25/pack</i> .030" [0.76mm]	2722		2724		2728	
.060" [1.5mm]	2172		2173		2175	
Driver Assembly	2748B		80029B		5725B	
Max A Dim	.500"		1.250"		3.500"	
Max Material	.591" [15mm]		.591" [15mm]		.591" [15mm]	

For more information, visit wilsontool.com/busbar, call our tooling technicians at 800.328.9646 or contact your sales engineer.

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