



# VASKI STYLE

BUS BAR TOOLING SOLUTIONS

2025

# ABOUT WILSON TOOL INTERNATIONAL

From humble beginnings in a small manufacturing facility in St. Paul, Minnesota, Wilson Tool International has added manufacturing facilities and sales channels around the world to better serve our thousands of global customers. Throughout our expansion, our mission has never wavered — we continue to offer products and services that help you be more successful. Every product you buy, every employee with whom you communicate, and every training event you attend, are designed to help customers just like you be more successful.

At Wilson Tool, we continue to invest in your success through constant innovation. Our tooling and solutions represent decades of knowledge and experience in assisting manufacturers resolve their most challenging fabrication issues. We understand that no two jobs are the same. Change is the only constant in manufacturing. So, working with a tooling supplier who's flexible, nimble, and knowledgeable is important.

Our goal is to deliver exceptional  
**customer service**  
along with the most reliable and  
innovative products and solutions  
so that our **customers**  
can be more successful.

When you have a challenge, reach out to us. At Wilson Tool we are more than tools... we are solutions. Your local Sales Engineer is available in person, by phone and through e-mail. Let us put our many decades of expertise to the test. We will work with you to find the best possible solution to whatever challenge you may be facing. And every order comes with our guarantee to outperform your current tooling.

From all of us at Wilson Tool, thank you for the trust you have placed in us to provide products and services that are critical to your business. We look forward to your continued success as we head into the future.



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## CONNECT WITH WILSON TOOL

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# VASKI 1-1/4" B STATION

B STATION 1-1/4"



PUNCH AND GUIDE ASSEMBLY



SPRING PACK ASSEMBLY



PUNCH



GUIDE



STRIPPER



DIE



SHIM

PUNCH AND GUIDE ASSEMBLY	Cat. No.	Price
Round	55572	
Shape	55573	
Optima® Coating	—	
SPRING PACK ASSEMBLY	Cat. No.	Price
Spring Pack Assembly	55569	
PUNCH	Cat. No.	Price
Round	55574	
Shape	55575	
Optima® Coating	—	
GUIDE	Cat. No.	Price
Round	55622	
Shape 0°	55623	
Shape 0° & 45°	55624	
Shape 0°, 90°, 180° & 270°	55625	
STRIPPER	Cat. No.	Price
Round	55660	
Shape	55661	
Stripper Clip	2224	
DIE	Cat. No.	Price
Round	55618	
Round Slug Hugger® 2*	55619	
Shape	55620	
Shape Slug Hugger® 2*	55621	
DIE SHIM	Cat. No.	Price
.010" [0.25mm] Pack of 25	2209	
.030" [0.76mm] Pack of 25	2724	
.060" [1.5mm] Pack of 25	2173	

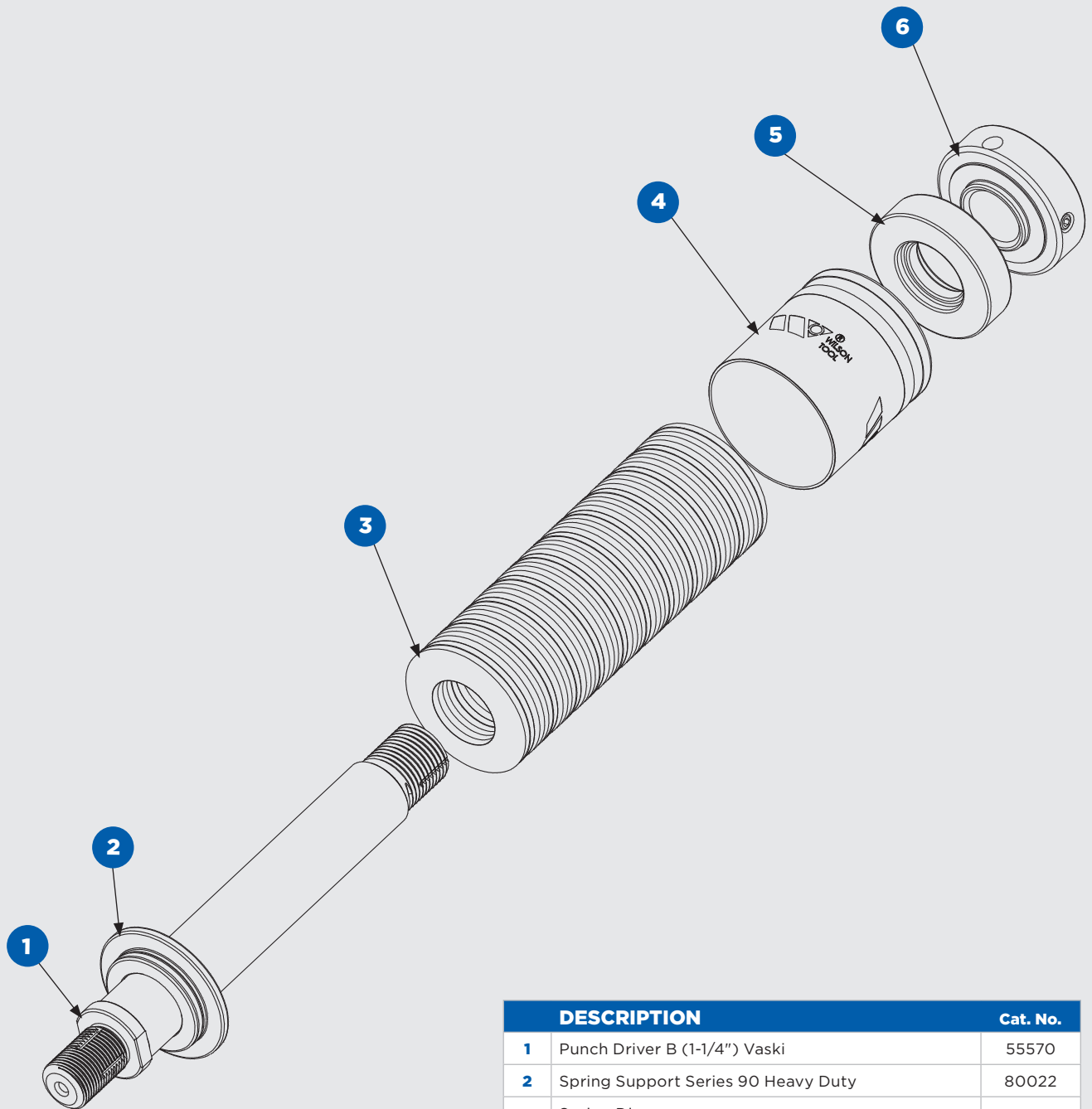
See page 15 for additional coating options.

A DIMENSION	MAX. MATERIAL THICKNESS
1.250" [31.8mm]	.630" [16mm]

**STANDARD SHAPES** Non-standard shapes available. See page 16.



# VASKI 1-1/4" B STATION REPLACEMENT PARTS



**B STATION**  
1-1/4"

	DESCRIPTION	Cat. No.
1	Punch Driver B (1-1/4") Vaski	55570
2	Spring Support Series 90 Heavy Duty	80022
3	Spring Disc 056mm X 028.5mm X 3.0mm X 4.3mm (Qty. 42)	990841
4	Spring Cover B Station Thick	02732
5	Spacer B (1-1/4") Vaski	55571
6	1-1/4" Thick Punch Head with set screw	02781

# VASKI 3-1/2" ⓓ STATION

D STATION 3-1/2"



GUIDE ASSEMBLY



PUNCH



STRIPPER



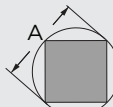
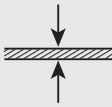
DIE



SHIM

GUIDE ASSEMBLY	Cat. No.	Price
Standard Assembly	55565	
Optima® Coating	—	
PUNCH	Cat. No.	Price
Round	55576	
Shape	55577	
Optima® Coating	—	
STRIPPER	Cat. No.	Price
Round	55640	
Shape	55641	
DIE	Cat. No.	Price
Round	55636	
Round Slug Hugger® 2*	55637	
Shape	55638	
Shape Slug Hugger® 2*	55639	
DIE SHIM	Cat. No.	Price
.010" [0.25mm] Pack of 25	2211	
.030" [0.76mm] Pack of 25	2728	
.060" [1.5mm] Pack of 25	2175	

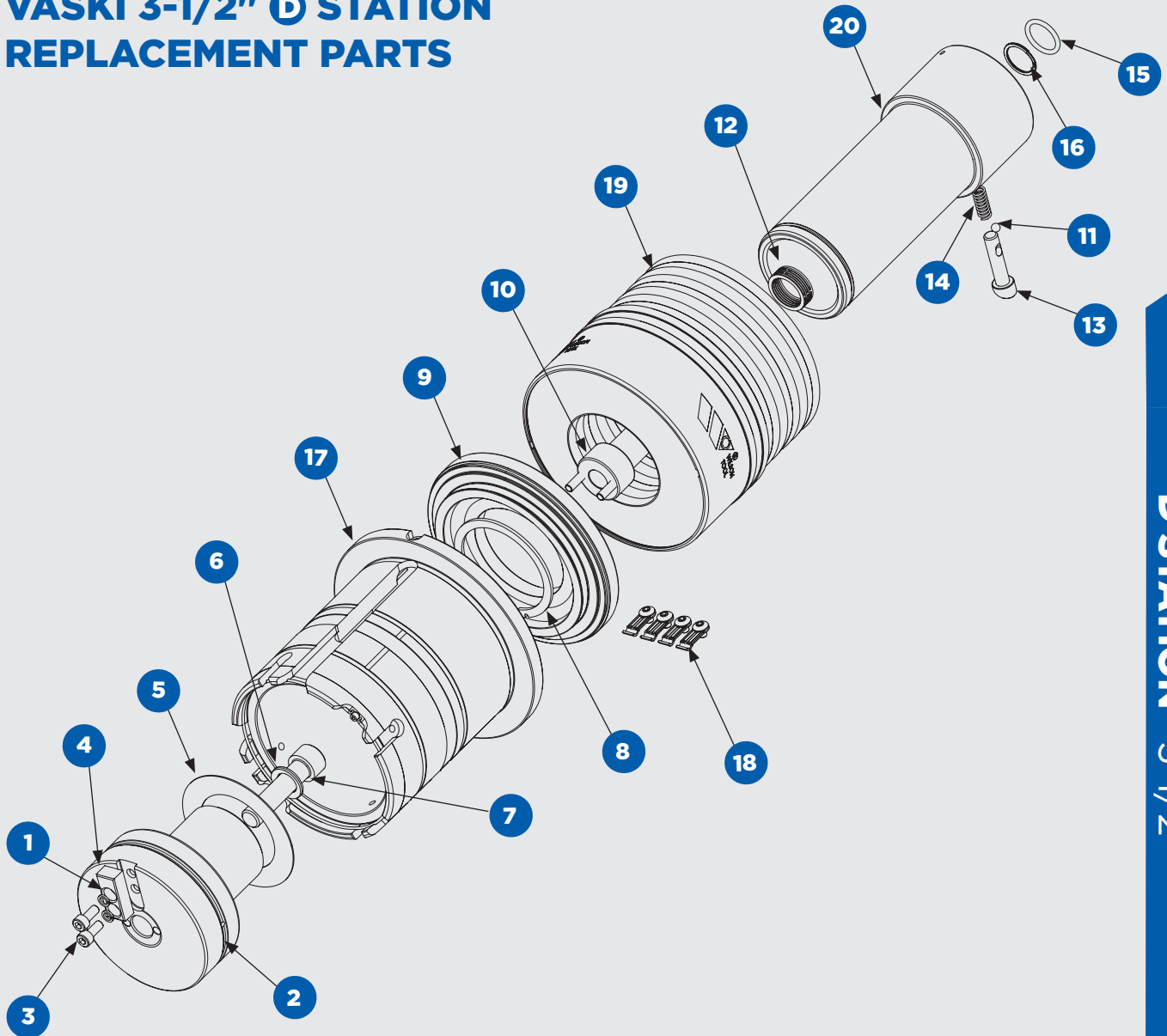
See page 15 for additional coating options.

A DIMENSION	MAX. MATERIAL THICKNESS
3.500" [88.9mm]	.787" [20mm]
	

**STANDARD SHAPES** *Non-standard shapes available. See page 16.*



# VASKI 3-1/2" D STATION REPLACEMENT PARTS



DESCRIPTION	Cat. No.
<b>1</b> Washer Lock High Collar #10 (Qty. 2)	2112
<b>2</b> Punch Holder 3-1/2" standard/HP	05558
<b>3</b> M5 x 12mm LG (Qty. 2)	6110
<b>4</b> 3-1/2" & 4-1/2" Thick Punch Holder	01862
<b>5</b> 3-1/2" & 4-1/2" Series 80	05413
<b>6</b> Spring Disc .825 X.520 X.420 X.082 (Qty. 2)	971690
<b>7</b> M12 x 50mm LG	970467
<b>8</b> Retaining Ring External 2.226 X .200 X 0.076	5747
<b>9</b> Spring Support D (3-1/2") Vaski	55568
<b>10</b> Adjustment shaft D Station HP	05739B

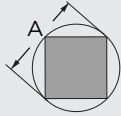
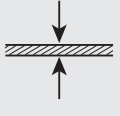
DESCRIPTION	Cat. No.
<b>11</b> Ball Bearing 5mm Dia	972420
<b>12</b> Spring Wave 1.000 X .333	971692
<b>13</b> Inde -2 Thick	05737
<b>14</b> Spring (DWC) .300 x .042 x .750 LG	972396
<b>15</b> P-Ring .687 x .094	972430
<b>16</b> Retaining Ring External 17.83mm x 1.91mm x 1.14mm	972441
<b>17</b> Guide D (3-1/2") Vaski	55566
<b>18</b> Spring Clip Set Large Station Thick Reinforced	02810
<b>19</b> Spring Disc 4.921 x 2.401 x .236 x .378 (Qty. 12)	01859
<b>20</b> Punch Head D (3-1/2") Vaski	55567

# VASKI 3-1/2" ⓓ STATION SLITTING TOOL

D STATION 3-1/2"



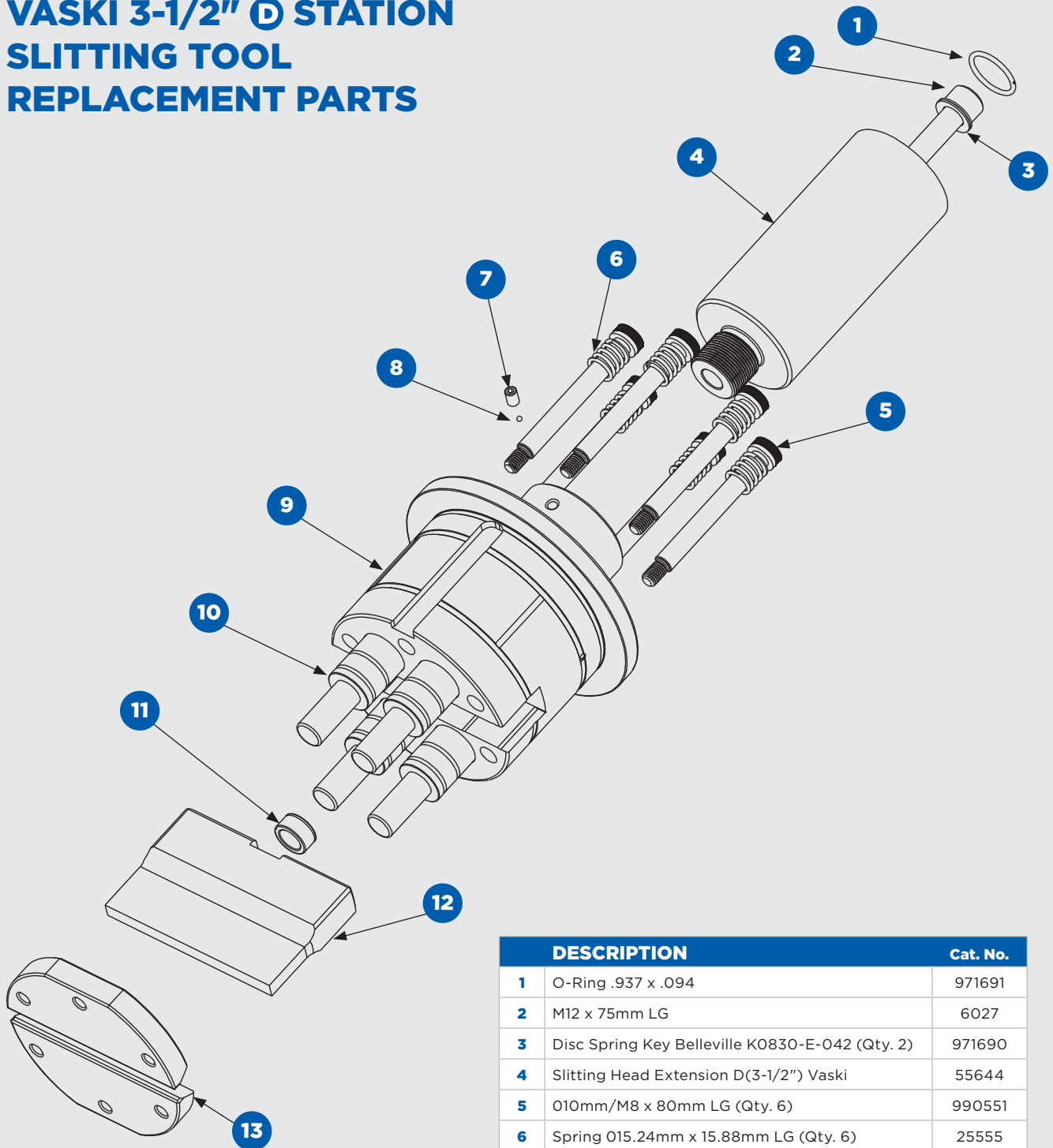
ONLY ONE (1) SIZE AVAILABLE: RT 105mm x 8mm		
GUIDE ASSEMBLY	Cat. No.	Price
Upper Assembly	55642	
PUNCH	Cat. No.	Price
Standard	55646	
DIE	Cat. No.	Price
Vaski Slitting Die	55647	
Vaski Slitting Slug Hugger® Die	55662	
DIE SHIM	Cat. No.	Price
.010" [0.25mm] Pack of 25	2211	
.030" [0.76mm] Pack of 25	2728	
.060" [1.5mm] Pack of 25	2175	

A DIMENSION	MAX. MATERIAL THICKNESS
4.133" [105mm]	.787" [20mm]
	

**STANDARD SHAPES** *Non-standard shapes available. See page 16.*



# VASKI 3-1/2" D STATION SLITTING TOOL REPLACEMENT PARTS



**D STATION 3-1/2"**

	DESCRIPTION	Cat. No.
1	O-Ring .937 x .094	971691
2	M12 x 75mm LG	6027
3	Disc Spring Key Belleville K0830-E-042 (Qty. 2)	971690
4	Slitting Head Extension D(3-1/2") Vaski	55644
5	O10mm/M8 x 80mm LG (Qty. 6)	990551
6	Spring O15.24mm x 15.88mm LG (Qty. 6)	25555
7	Cup Point M6 x 10mm LG NLK	6269
8	Lead Shot #6	6001
9	Slitting Punch Body D (3-1/2") Vaski	55643
10	Nitrogen Spring O25 x 32 x 94mm (Qty. 4)	990462
11	Bushing HP DuraBlade® Punch Holder	05631
12	Punch Insert 105 x 8 Slitting Tool	55646
13	Slitting Stripper Plate D (3-1/2") Vaski (Qty. 2)	55645

# MT5Vi MULTI-TOOL

MULTI-TOOLS



PUNCH



STRIPPER



DIE

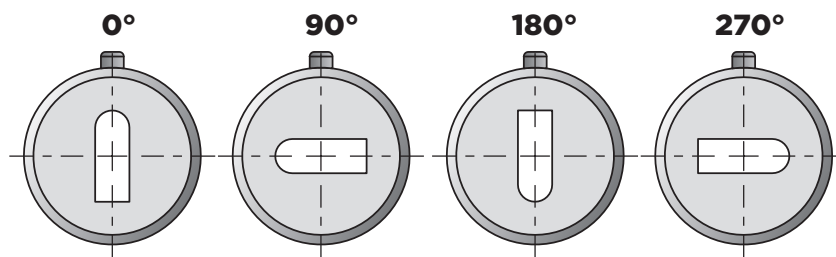
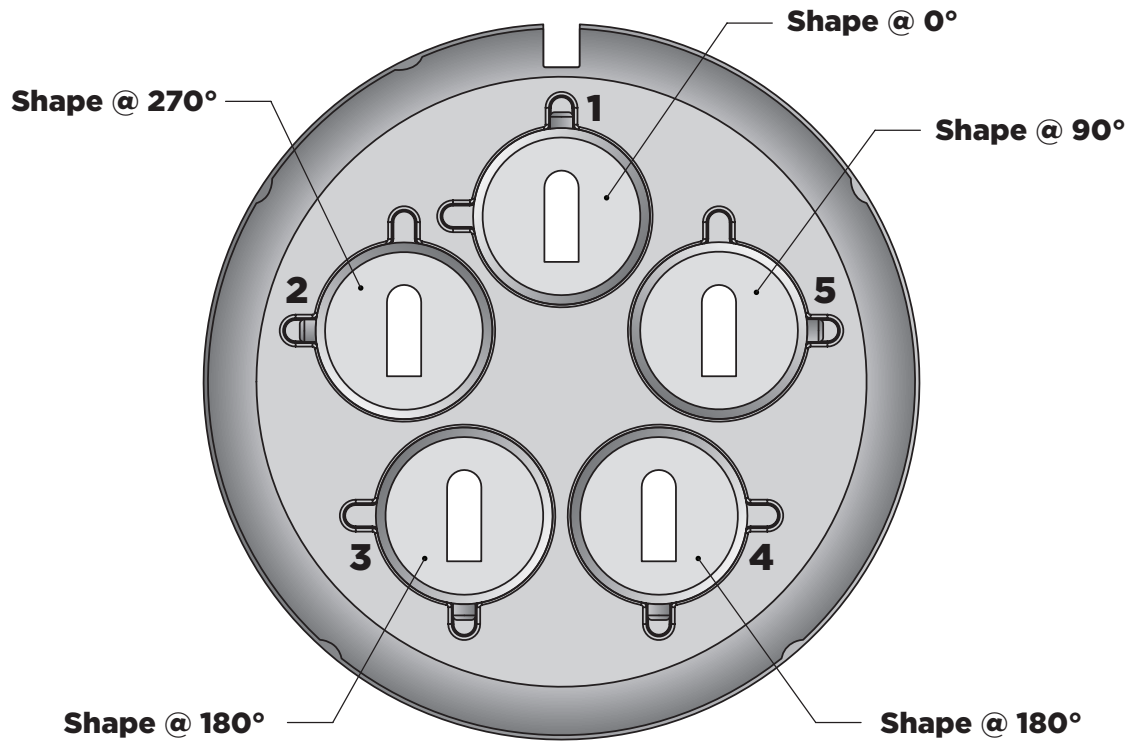
UPPER & LOWER ASSEMBLY	Cat. No.	Price
<i>OEM Supply Only</i>		
PUNCH	Cat. No.	Price
Round	55648	
Shape	55649	
STRIPPER	Cat. No.	Price
Round	55654	
Shape	55655	
DIE	Cat. No.	Price
Round Slug Hugger® 2*	55651	
Shape Slug Hugger® 2*	55653	

A DIMENSION	MAX. MATERIAL THICKNESS
.787" [20mm]	.787" [20mm]

**STANDARD SHAPES** *Non-standard shapes available. See page 16.*



# MT5Vi MULTI-TOOL DIE KEYING CHART



MULTI-TOOLS

# MT8Vi MULTI-TOOL



PUNCH



STRIPPER



DIE

UPPER & LOWER ASSEMBLY	Cat. No.	Price
<i>OEM Supply Only</i>		
PUNCH	Cat. No.	Price
Round	55601	
Shape	55602	
STRIPPER	Cat. No.	Price
Round	55658	
Shape	55659	
DIE	Cat. No.	Price
Round Slug Hugger® 2*	55656	
Shape Slug Hugger® 2*	55657	

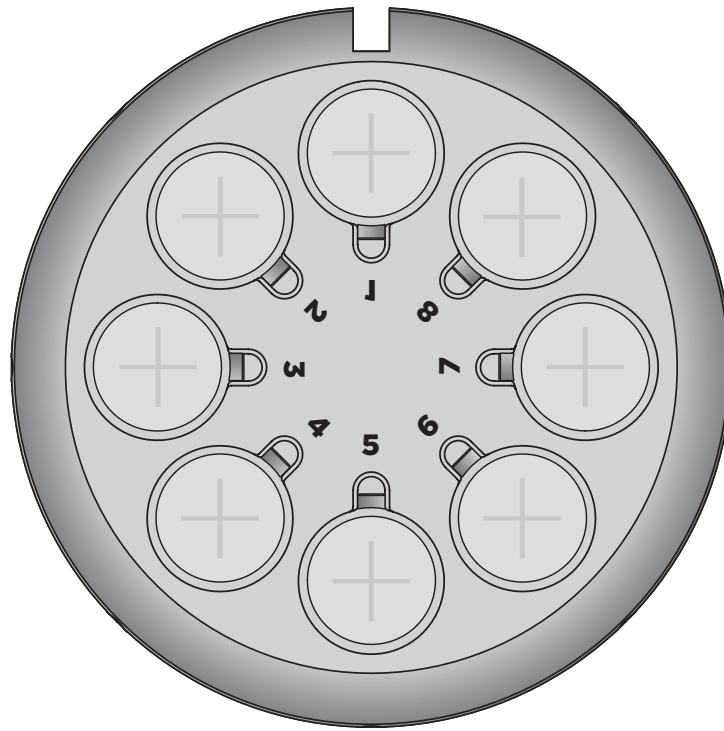
A DIMENSION	MAX. MATERIAL THICKNESS
.630" [16mm]	.500" [12.7mm]

**STANDARD SHAPES** *Non-standard shapes available. See page 16.*

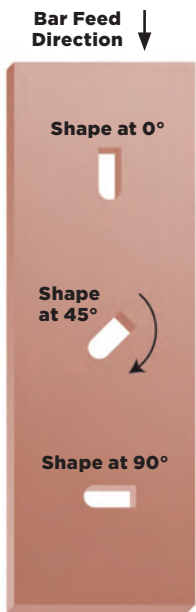


MULTI-TOOLS

# MT8Vi MULTI-TOOL DIE KEYING CHART



MULTI-TOOLS



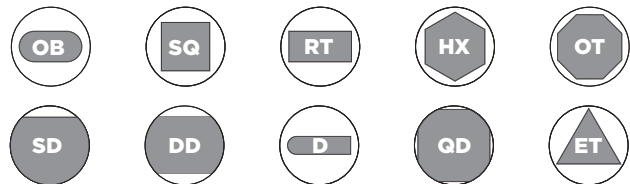
NOTE: When ordering shaped tooling for the MT8Vi Multi-Tool, it is important to stipulate the POSITION you want to put the tools in and the orientation you wish the finish aperture to be to the bar. If you are unsure how to do this, use the die template above to illustrate the shape and position of your tools.

**For example: POSITION 8, OBROUND 14 x 8 @ 90°.**



### STANDARD SHAPES

*Non-standard shapes available. See page 16.*



# VASKI 1-1/4" B STATION TAPPING TOOL

TAPPING TOOL



TAPPING ASSEMBLY



DIE

FULL ASSEMBLY	Cat. No.	Price
Includes Pitch Insert Assembly	55666	

One (1) tap is supplied with either the full assembly or the pitch insert assembly. Thread size must be specified at time of order.

PITCH INSERT ASSEMBLIES			TIN COATED TAPS			
Size	Cat. No.	Price	Tap Size	Prepunch Size in [mm]	Cat. No.	Price
6-32	55502		6-32	0.128 [3.13]	990411	
8-32	55507		8-32	0.155 [3.79]	990412	
10-24	55512		10-24	0.176 [4.32]	990414	
10-32	55535		10-32	0.182 [4.45]	990413	
1/4-20	55486		1/4-20	0.235 [5.75]	990415	
3/8-16	55492		3/8-16	0.358 [8.77]	990416	
1/2-13	55497		1/2-13	0.480 [11.77]	990417	
M4	55678		M4 x 0.7	0.150 [3.67]	990573	
M5	55685		M5 x 0.8	0.189 [4.62]	990701	
M6	55517		M6 x 1	0.225 [5.52]	990418	
M8	55522		M8 x 1.25	0.302 [7.41]	990419	
M10	55527		M10 x 1.5	0.379 [9.29]	990420	
M12	55691		M12 x 1.75	0.456 [11.17]	990421	
M14	55696		M14 x 2.0	0.533 [13.05]	990422	
M16	55701		M16 x 2.0	0.614 [15.05]	990423	



PITCH INSERT ASSEMBLY

FULL ASSEMBLY



# WILSON TOOL INTERNATIONAL OFFERS UNIQUE COATINGS TO INCREASE THE LIFE OF YOUR PUNCHES

## Wearbeater™

- Titanium nitride (TiN)
- Good for wear on most materials
- Reduces galling on most materials
- Increases lubricity on most materials
- Minimum dia./width for coating = .060" [1.53mm]



## Nitrex®

- Surface hardness: HRC 70
- Best for wear on galvanized
- Reduces galling on galvanized
- Better for wear and lubricity on most other materials
- Not recommended for wear on hard materials
- Minimum dia./width for coating = .125" (3.18mm)



## Optima®

- Surface hardness: HRC 95
- Outlasts untreated tools by up to 5-7 times
- Best for wear on abrasive materials in piercing applications
- Reduces galling on hard materials
- Increases lubricity by controlling galling on hard materials
- Minimum dia./width for coating = .060" [1.53mm]



## Slip-Max®

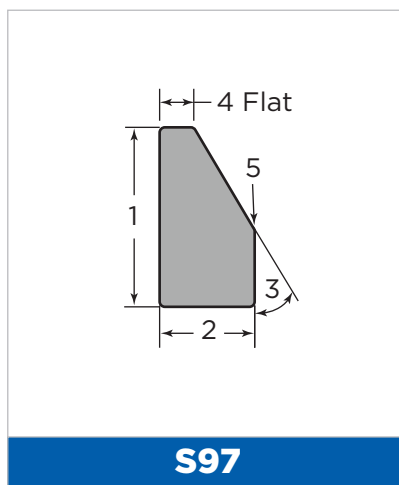
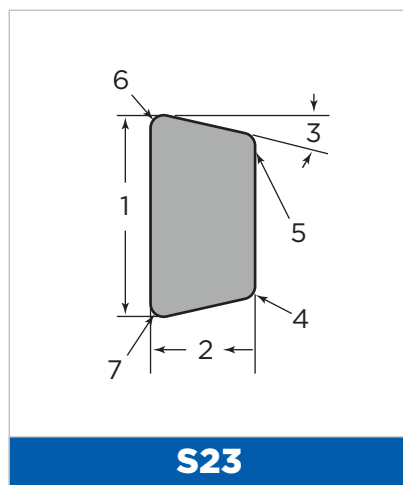
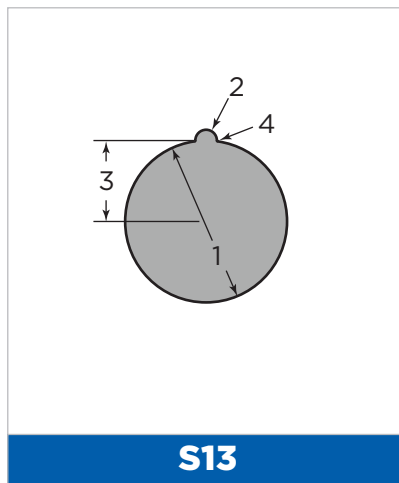
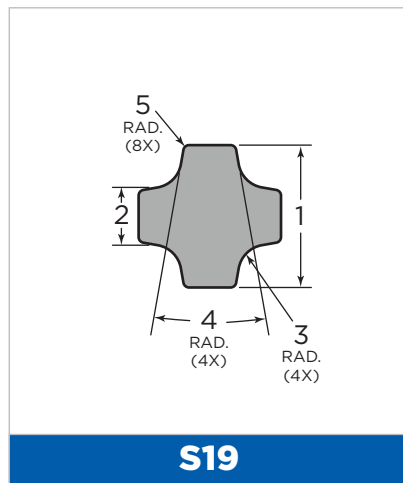
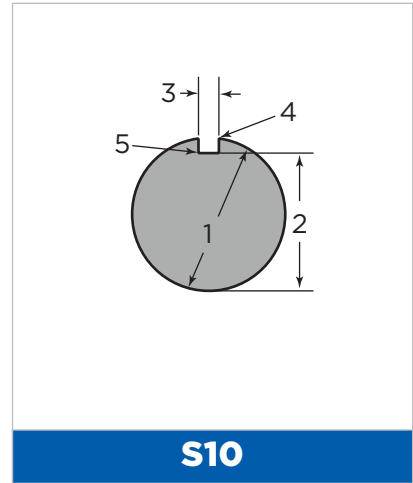
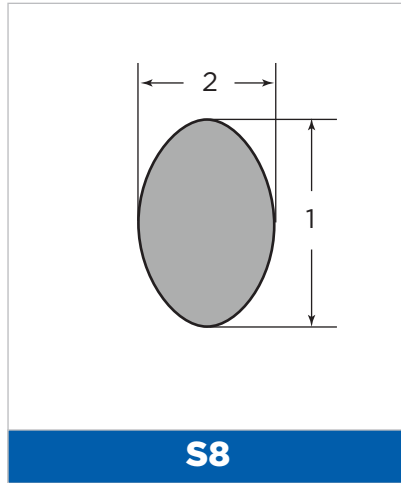
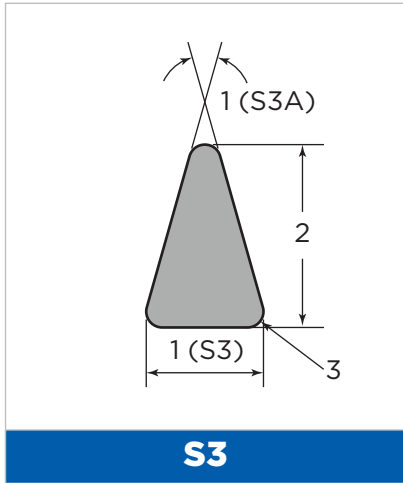
- Best for reducing galling on soft materials
- Best for forming (stripping) in abrasive materials such as stainless steel and aluminum
- Increases lubricity on all materials
- Not recommended for piercing applications in abrasive materials
- No minimum dia./width for coating



COATING RECOMMENDATION BY APPLICATION	WEARBEATER™	OPTIMA®	NITREX®	SLIP-MAX®
Punch wear piercing varied materials	●	★		
Punch or die wear piercing stainless steel	●	★		
Punch wear piercing galvanized	●	▲	★	
Punch or die wear piercing aluminum	●		▲	★
Galling on punch in stainless steel	●	▲		
Galling on punch in galvanized	●	▲	★	
Galling on punch in aluminum	●		▲	★
Stripping problems when forming in stainless steel	●		▲	★
Stripping problems when forming in aluminum	●			★
Stripping problems when piercing in stainless steel	●	★		
Stripping problems when piercing in aluminum	●		▲	★

● GOOD    ▲ BETTER    ★ BEST

# SPECIAL SHAPES



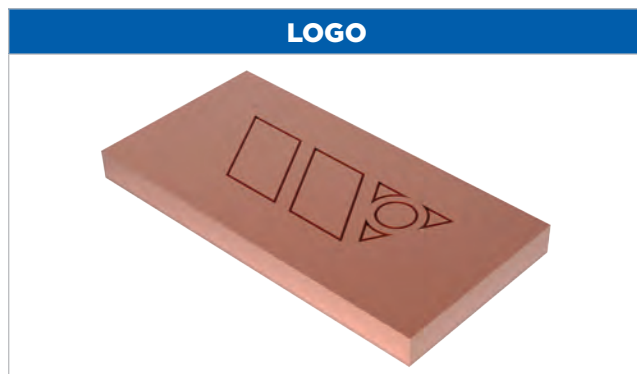
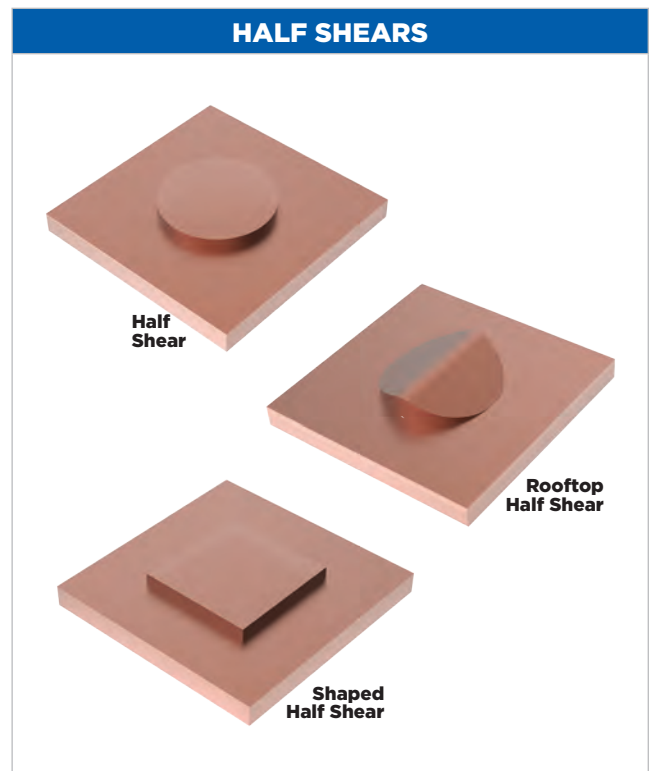
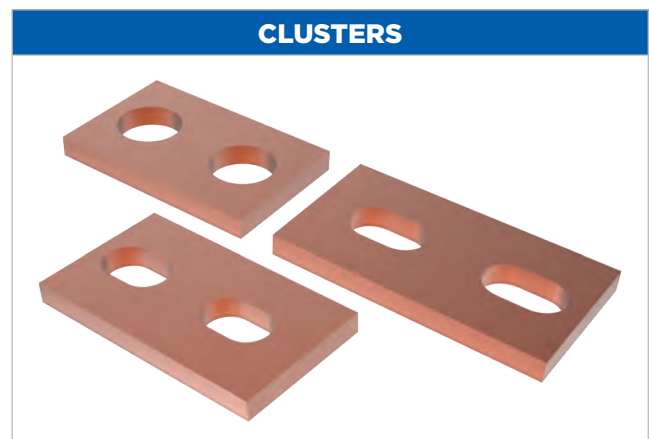
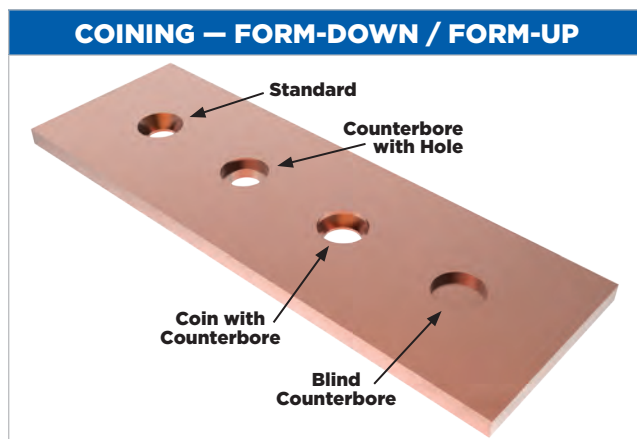
**NOTE:** Additional shapes available. Special considerations may alter price and lead time.

## DIE SELECTION INFORMATION

TOTAL CLEARANCE			
Material	Minimum	Best	Maximum
Copper, 1/2 Hard	8%	12%	16%
Mild Steel	10%	15%	20%
Aluminum, Soft	5%	10%	15%

*% x Material Thickness = Total Clearance*

### SPECIAL FORMING TOOLS



# THE DIVISIONS OF WILSON TOOL INTERNATIONAL

## BENDING

**Wilson Tool's Bending division delivers the most complete line of tooling and clamping solutions available anywhere.**

Whether you use American, European, WT, Bystronic or LVD-style precision or conventional tooling, Wilson Tool has a solution for you. Our clamping options cover these styles as well. With hydraulic push button, quick release mechanical or standard manual clamps, we have a clamping solution for any style of machine or budget. And our custom tooling manufacturing capabilities are the envy of the industry with innovative solutions for complex bending challenges. With manufacturing



facilities located in the USA and Canada, our delivery times to North American fabricators are the fastest in the industry.

## STAMPING



**Wilson Tool's Stamping division, Impax Tooling Solutions®, offers high quality punch and die components, accessories and retainers for the stamping industry.**

Innovative products such as our HP Accu-Lock® Retainer Inserts and extensive coating options, combined with our world-class customer service, have enabled us to quickly grow into a world-class provider. With a direct sales force throughout North America, we deliver products straight from the factory to you, enabling the fastest deliveries in the industry. Our custom tooling expertise is second to none with many customers coming to us for their most difficult stamping challenges.

## PUNCHING

**Wilson Tool's Punching division continues to drive the industry with new levels of quality, delivery, service and innovation.**

From the early days of Series 80 to the Wilson Wheel® Family to EXP® technology, our punching division has been the industry-leading innovation driver.

Combined with the most experienced customer support professionals in the industry, Wilson Tool continues to raise the bar. Thick turret, TRUMPF-style, Salvagnini-style, or any other style of punch press you may be using, Wilson Tool offers the most complete line of tooling solutions available today.



TRUMPF is a trademark of TRUMPF GmbH + Co. KG.

## ACCESSORIES



Whether you need storage systems, grinders, urethane rolls, hand tools or related supplies, we offer a wide range of solutions to help you be more productive, organized and efficient.

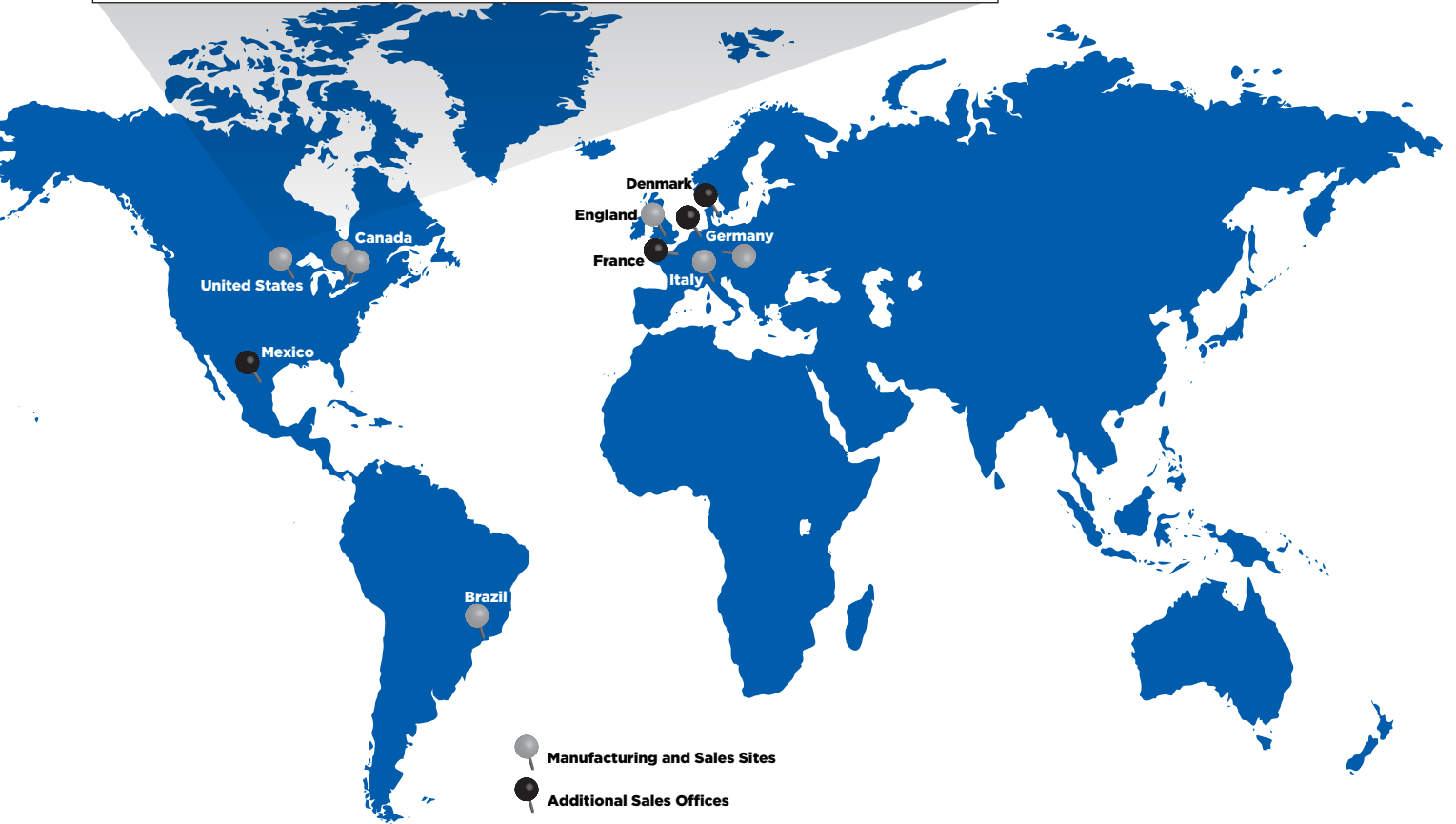




# WILSON TOOL INTERNATIONAL HEADQUARTERS

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**800.328.9646** | **punching@wilsontool.com**

**Canada** 800.268.5573 punching@wilsontoolcanada.com  
**Mexico** 001.800.741.2510 punzonado@wilsontool.com



## GUARANTEED TO OUTPERFORM

With Wilson Tool International, you're not just receiving tools — you're gaining a partner dedicated to your productivity, and products backed with a guarantee to outperform your current tooling.



P710C (9.2025)