

Vaski Style Bus Bar Tooling | Catalogue





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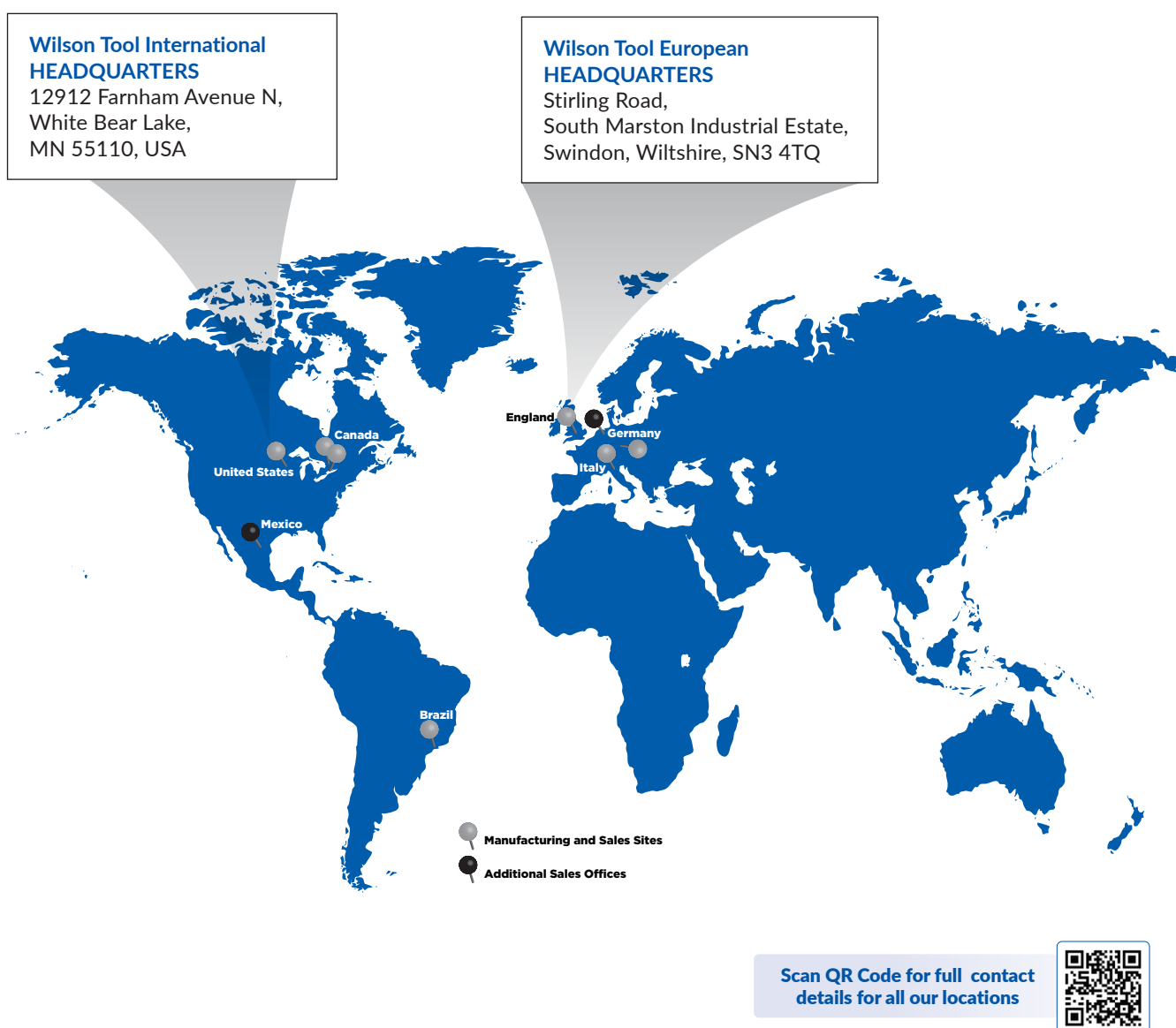
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WILSON TOOL - Solutions *not only tools*

Wilson Tool International is the largest independent tooling manufacturer in the world, serving customers across six continents with innovative solutions for the **bending, punching, and stamping** industries. With **over 900 employees** and **50,000 square metres of manufacturing space globally**, we are uniquely positioned to provide the most comprehensive range of tooling systems and accessories.

From precision press brake tooling to advanced stamping solutions, our products are designed to enhance efficiency and solve complex fabrication challenges. Whether you're looking for **customised tooling** or industry-leading innovations, Wilson Tool delivers **solutions, not only tools**.



BENDING

Wilson Tool International provides a **comprehensive range of bending tools** engineered for precision and efficiency in press brake operations. Our solutions include **Euro-style, Trumpf®-style, and Wila®-style tooling**, along with **clamping systems and accessories** designed to optimize setup and performance.

With **advanced forming tools** and cutting-edge designs, we help manufacturers achieve **consistent, high-quality bends** while reducing downtime. Whether you need **standard or custom tooling**, Wilson Tool delivers expertise that drives results.



STAMPING



Wilson Tool International offers **high-performance stamping tools** through its **Impax Tooling Solutions®** and **Exacta Tooling Solutions™** lines. With durable punches, dies, and retainers, we help manufacturers **maximise uptime and tackle demanding metal forming challenges**.

PUNCHING

Wilson Tool International offers a **comprehensive range of punch press tooling** designed to maximise efficiency and precision in sheet metal fabrication.

Our solutions include **EXP® punch tip technology**, which reduces setup time and extends tool life, **multi-tools** that optimise machine capacity, and **innovative forming tools** that minimise secondary operations.

With industry-leading advancements like the **Wilson Wheel® family** and **HPX® assemblies**, we help manufacturers streamline production and achieve superior performance. Plus, with the **fastest delivery times in the industry**, you get the tools you need—when you need them.



ACCESSORIES



Wilson Tool's **Xtra Accessories** line offers a **wide selection of machine parts and accessories** designed to enhance productivity in **press brake and punch press operations**. Our **tool storage systems** keep your workspace organised, while **XSharp™ grinders** ensure precise tool sharpening, helping manufacturers **boost efficiency and minimise downtime**.





PUNCH AND
GUIDE
ASSEMBLY



SPRING PACK
ASSEMBLY



PUNCH



GUIDE



STRIPPER



DIE



SHIM

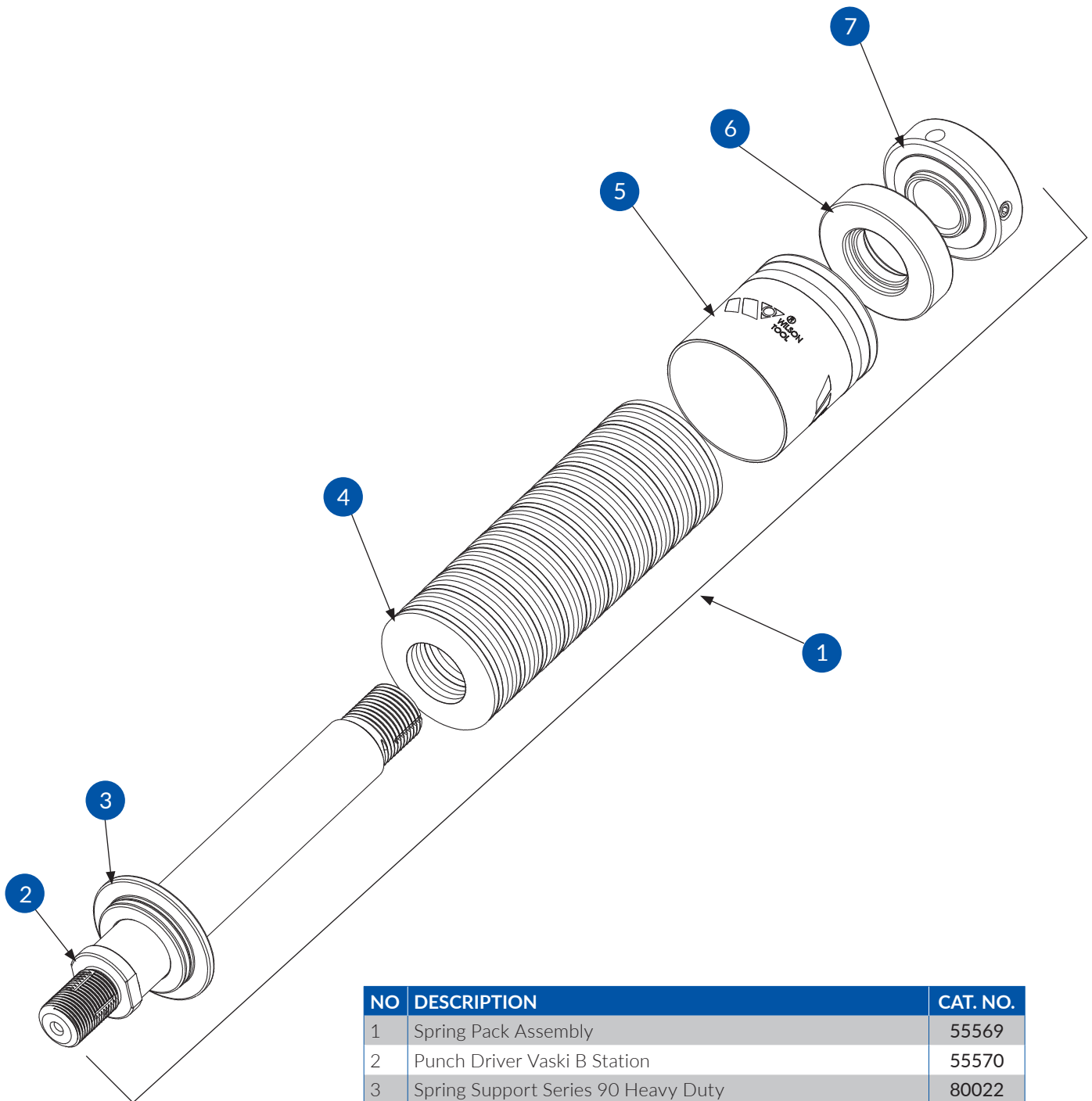
	'B' STATION	
PUNCH AND GUIDE ASSEMBLY	CAT. NO.	PRICE
Round	55572	
Shape	55573	
Optima® Coating*	—	
SPRING PACK ASSEMBLY	CAT. NO.	PRICE
Spring Pack Assembly	55569	
PUNCH		
Round	55574	
Shape	55575	
Optima® Coating*	—	
GUIDE		
Round	55622	
Shape 0	55623	
Shape 0 & 45	55624	
Shape 0, 90, 180 & 270	55625	
STRIPPER		
Round	55660	
Shape	55661	
Stripper Retaining Ring	2224	
DIES		
Round	55618	
Round Slug Hugger® 2	55619	
Shape	55620	
Shape Slug Hugger® 2	55621	
DIE SHIM		
0.25 mm pack of 25	2209	
0.76 mm pack of 25	2724	
1.50 mm pack of 25	2173	

* See page 15 for additional coatings options

A DIMENSION	MAX. MATERIAL THICKNESS
31.75mm 	16mm

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





NO	DESCRIPTION	CAT. NO.
1	Spring Pack Assembly	55569
2	Punch Driver Vaski B Station	55570
3	Spring Support Series 90 Heavy Duty	80022
4	Spring Disc 056mm X 028.5mm X 3.0mm X 4.3mm (Qty. 42)	990424
5	Spring Cover B Station Thick	02732
6	Spacer Vaski B Station	55571
7	1-1/4" Thick Punch Head with set screw	02781

VASKI 'D' STATION



GUIDE
ASSEMBLY



PUNCH



STRIPPER



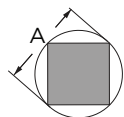
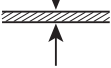
DIE



SHIM

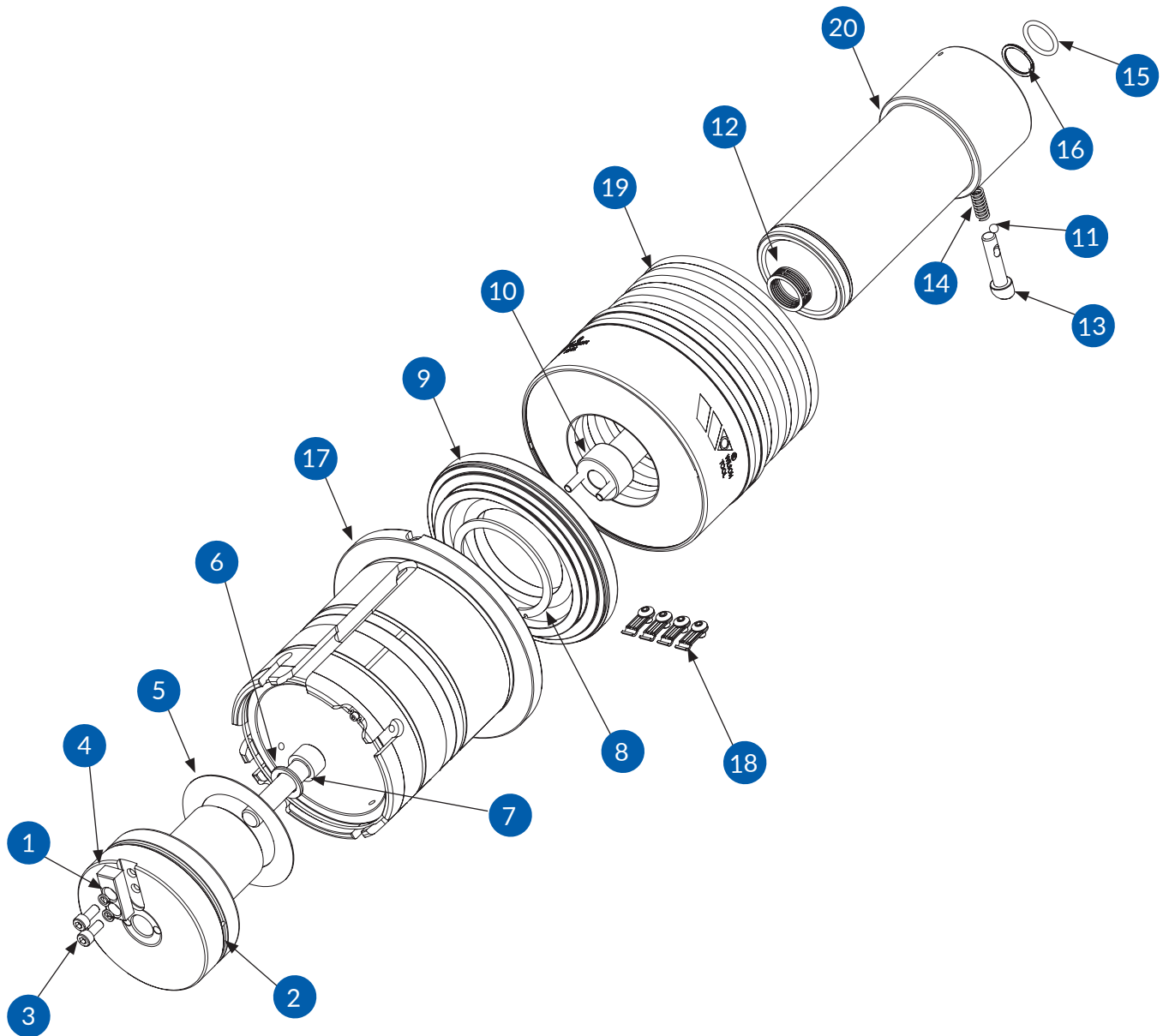
	'D' STATION	
GUIDE ASSEMBLY	CAT. NO.	PRICE
Standard Assembly	55565	
Optima® Coating	—	
PUNCH		
Round	55576	
Shape	55577	
Optima® Coating*	—	
STRIPPER		
Round	55640	
Shape	55641	
DIES		
Round	55636	
Round Slug Hugger®2	55637	
Shape	55638	
Shape Slug Hugger®2	55639	
DIE SHIM		
0.25 mm pack of 25	2211	
0.76 mm pack of 25	2728	
1.50 mm pack of 25	2175	

* See page 15 for additional coatings options

A DIMENSION	MAX. MATERIAL THICKNESS
88.9mm 	20mm 

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





NO	DESCRIPTION	CAT. NO.
1	Washer Lock High Collar #10 (QTY 2)	2112
2	Punch Holder 3-1/2" standard/HP	05558
3	M5 x 12mm Long (QTY 2)	6110
4	3-1/2" & 4-1/2" Thick Punch Holder	01862
5	Anti Lock Shim for D&E Station	05413
6	Spring Disc .825 X .520 X .420 X .082 (QTY 2)	971690
7	M12 x 50mm Long	970467
8	Retaining Ring external 2.226 X .200 X 0.076	5747
9	Spring Support Vaski D Station	55568
10	Adjustment shaft D Station HP	05739B

NO	DESCRIPTION	CAT. NO.
11	Ball bearing 5mm Dia	972420
12	Spring wave 1.000 X .333	971692
13	Index Button Thick Standard/HP	05737
14	Spring (DWC) .300 x .042 x .750 Long	972396
15	O-Ring .687 x .094	972430
16	Retaining Ring external 17.83mm x 1.91mm x 1.14mm	972441
17	Guide Vaski D Station	55566
18	Spring Clip set Large station thick reinforced	02810
19	Spring disc 4.921 x 2.401 x .236 x .378 (QTY 12)	01859
20	Punch Head Vaski D Station	55567

VASKI 'D' STATION SLITTING TOOL



Only One (1) Size Available: RT 105mm x 8mm		'D' STATION SLITTING TOOL (105 X 8RT)	
GUIDE ASSEMBLY		CAT. NO.	PRICE
Upper Assembly (Including Punch Blade)		55642	
PUNCH			
Standard		55646	
DIES			
Vaski Slitting Die		55647	
Vaski Slitting Slug Hugger®2		55662	
DIE SHIM			
0.25 mm pack of 25		2211	
0.76 mm pack of 25		2728	
1.50 mm pack of 25		2175	

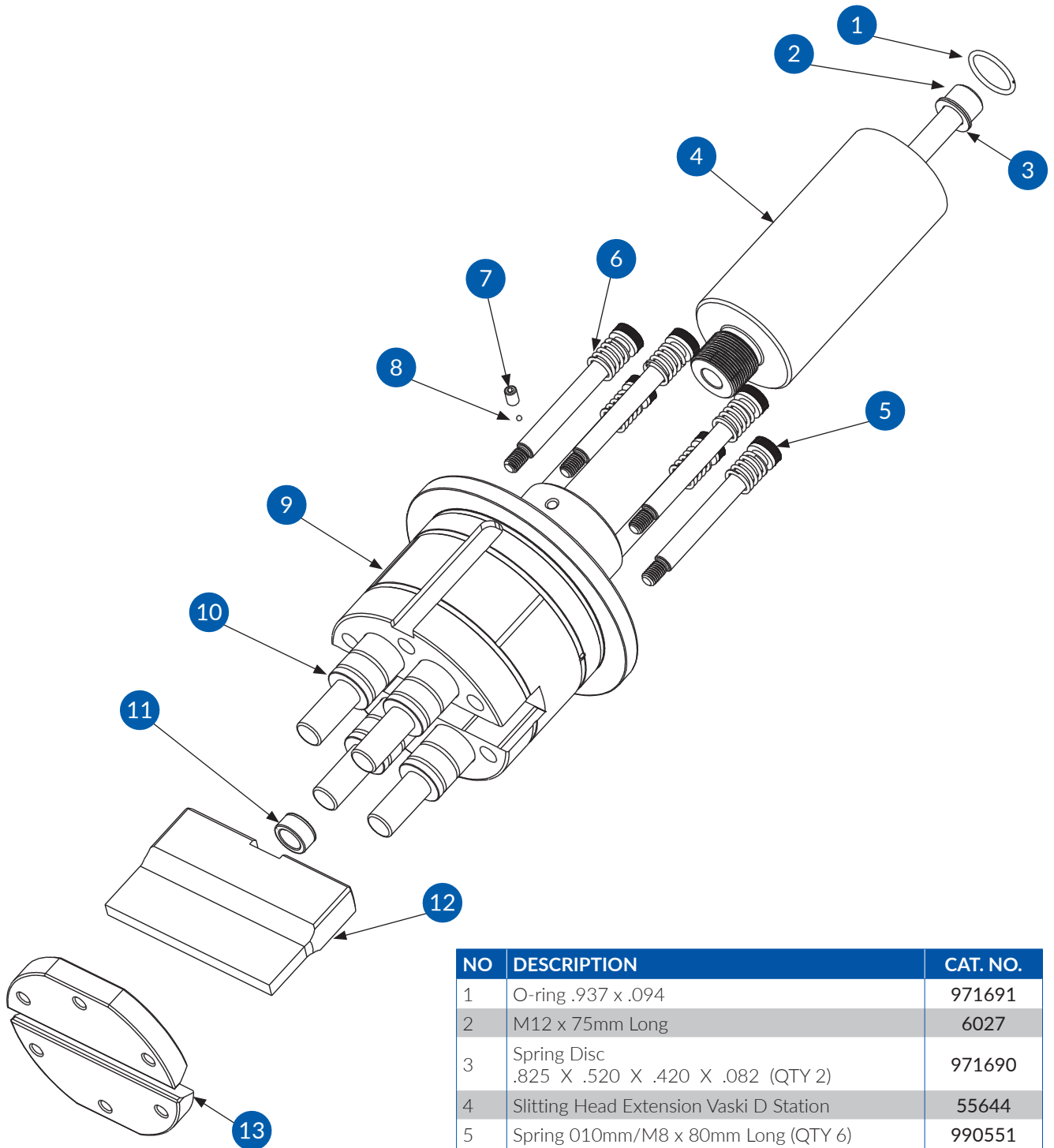
* See page 15 for additional coatings options

A DIMENSION	MAX. MATERIAL THICKNESS
88.9mm 	20mm

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



VASKI 'D' STATION SLITTING TOOL



NO	DESCRIPTION	CAT. NO.
1	O-ring .937 x .094	971691
2	M12 x 75mm Long	6027
3	Spring Disc .825 X .520 X .420 X .082 (QTY 2)	971690
4	Slitting Head Extension Vaski D Station	55644
5	Spring O10mm/M8 x 80mm Long (QTY 6)	990551
6	Spring O15.24mm x 15.88mm LG (QTY 6)	25555
7	Cup point M6 x 10mm Long	6269
8	Lead shot #6	6001
9	Slitting punch body Vaski D Station	55643
10	Nitrogen Spring .025 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 Vaski D Station (QTY 2)	55645



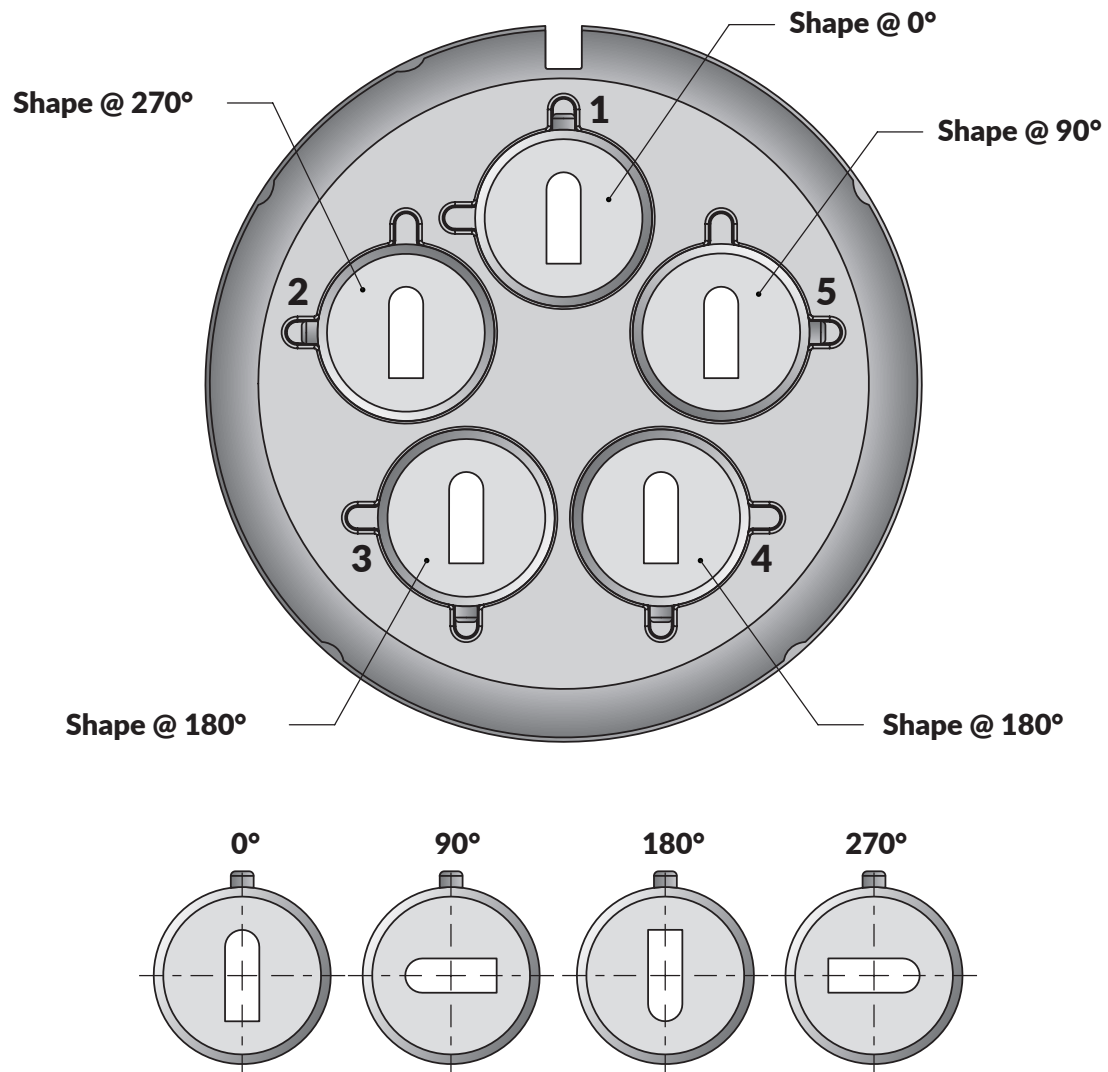
MULTI-TOOL 5 STATION		
UPPER & LOWER ASSEMBLIES	CAT. NO.	PRICE
OEM Supply Only		
PUNCH		
Round	55648	
Shape	55649	
STRIPPER		
Round	55654	
Shape	55655	
DIES		
Round Slug Hugger®2	55651	
Shape Slug Hugger®2	55653	
DIE SHIM		
Pack of 4 (0.1 mm x 2, 0.3 mm x 1 and 0.5 mm x 1)	55689	

A DIMENSION	MAX. MATERIAL THICKNESS
20mm 	20mm

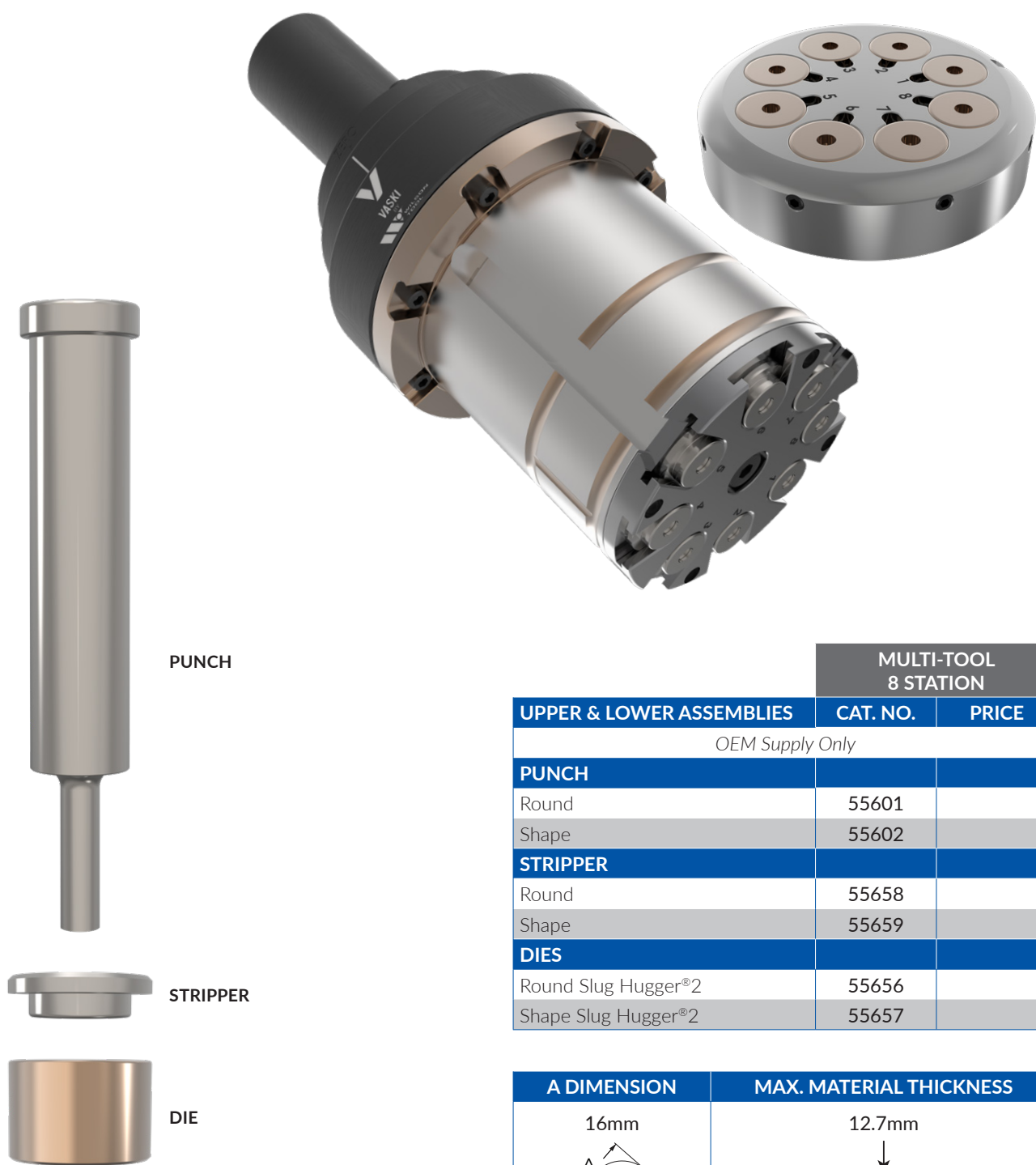
STANDARD SHAPES *Non-standard shapes available. See page 16.*



MT5Vi MULTI-TOOL DIE KEYING CHART



MT8Vi MULTI-TOOL

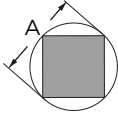
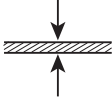


PUNCH

STRIPPER

DIE

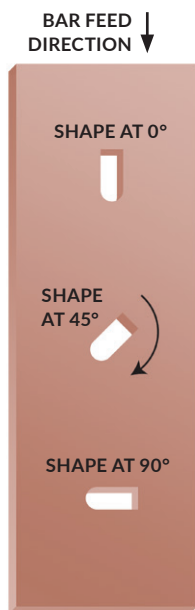
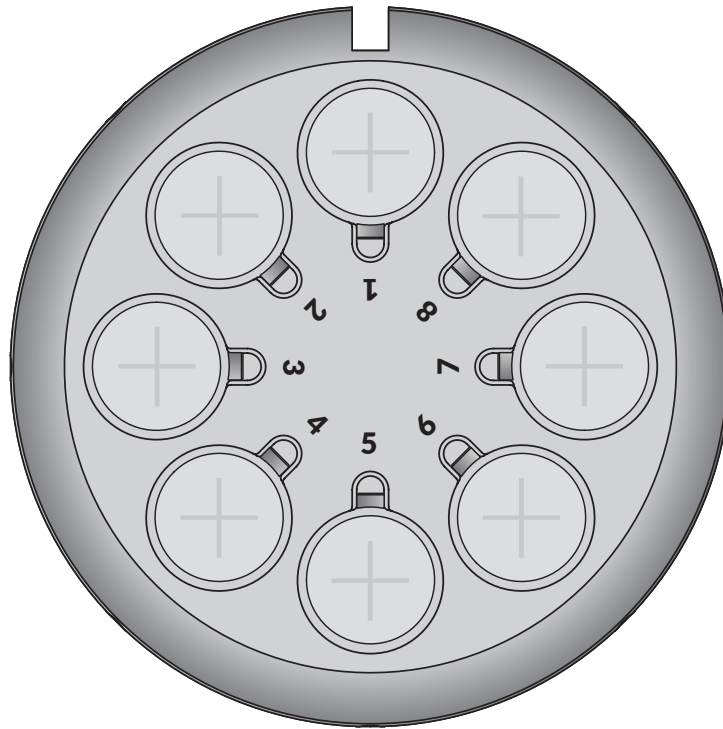
MULTI-TOOL 8 STATION		
UPPER & LOWER ASSEMBLIES	CAT. NO.	PRICE
OEM Supply Only		
PUNCH		
Round	55601	
Shape	55602	
STRIPPER		
Round	55658	
Shape	55659	
DIES		
Round Slug Hugger®2	55656	
Shape Slug Hugger®2	55657	

A DIMENSION	MAX. MATERIAL THICKNESS
16mm 	12.7mm 

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



MT8Vi MULTI-TOOL DIE KEYING CHART



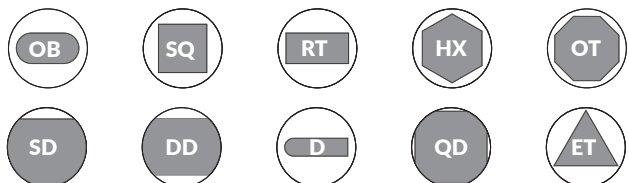
NOTE: When ordering shaped tooling for the MT8Vi Multi-Tool, it is important to stipulate the **POSITION** you want to put the tools in and the orientation you wish the finish aperture to be to the bar. If you are unsure how to do this, use the die template above to illustrate the shape and position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

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



STANDARD SHAPES

Non-standard shapes available. See page 16.



VASKI 'B' STATION TAPPING TOOL



TAPPING
ASSEMBLY

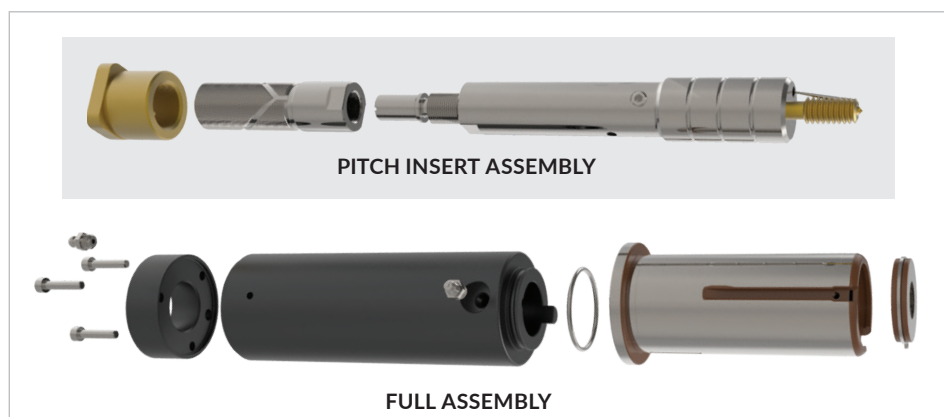
DIE

'B' STATION TAPPING TOOL		
DESCRIPTION	CAT. NO.	PRICE
Complete Tapping Tool assembly (includes pitch insert assembly)	55666	

Note: 1 tap is supplied with either the full assembly or the pitch insert assembly. Please specify thread size at time of order.

PITCH INSERT ASSEMBLES		
SIZE	CAT. NO.	PRICE
6-32	55502	
8-32	55507	
10-24	55512	
10-32	55535	
1/4-20	55486	
3/8-16	55492	
1/2-13	55497	
M4	55678	
M5	55685	
M6	55517	
M8	55522	
M10	55527	
M12	55691	
M14	55696	
M16	55701	

TIN COATED TAPS			
SIZE	PREPUNCH	CAT. NO.	PRICE
6-32	0.128 [3.13]	990411	
8-32	0.155 [3.79]	990412	
10-24	0.176 [4.32]	990414	
10-32	0.182 [4.45]	990413	
1/4-20	0.235 [5.75]	990415	
3/8-16	0.358 [8.77]	990416	
1/2-13	0.480 [11.77]	990417	
M4 x 0.7	0.150 [3.67]	990573	
M5 x 0.8	0.189 [4.62]	990701	
M6 x 1	0.225 [5.52]	990418	
M8 x 1.25	0.302 [7.41]	990419	
M10 x 1.5	0.379 [9.29]	990420	
M12 x 1.75	0.456 [11.17]	990421	
M14 x 2.0	0.533 [13.05]	990422	
M16 x 2.0	0.614 [15.05]	990423	



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 = 1.53mm.



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 = 1.53mm.



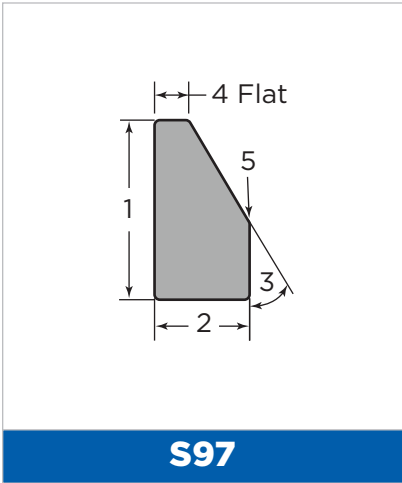
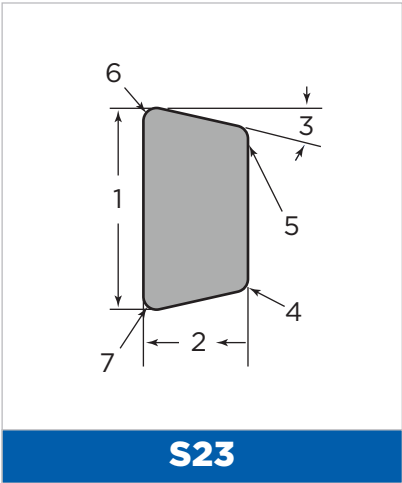
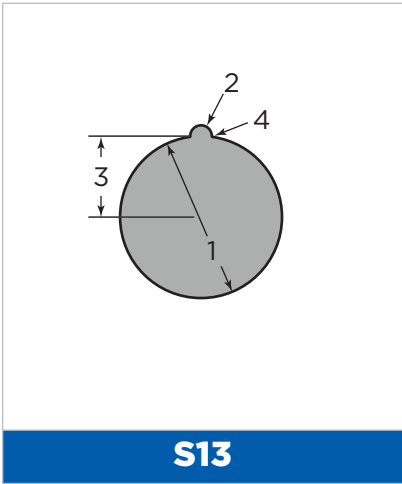
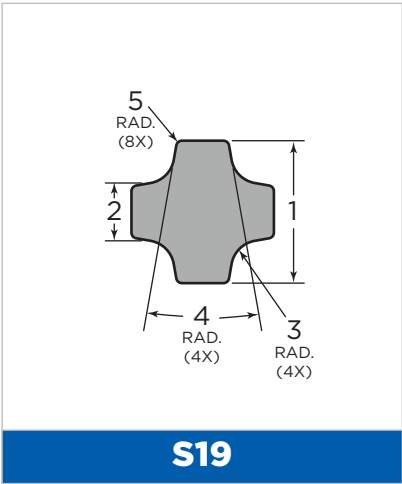
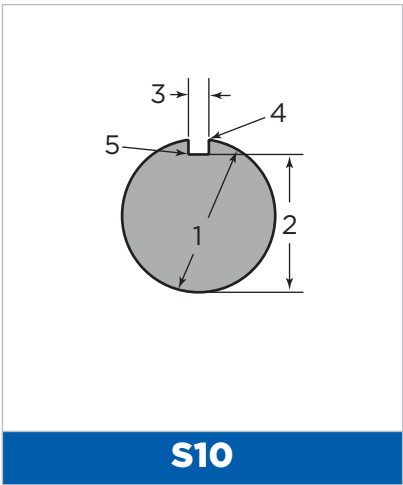
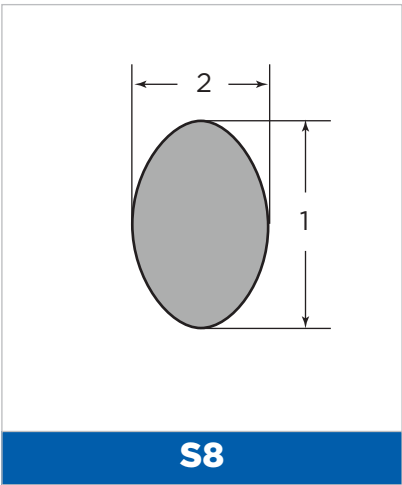
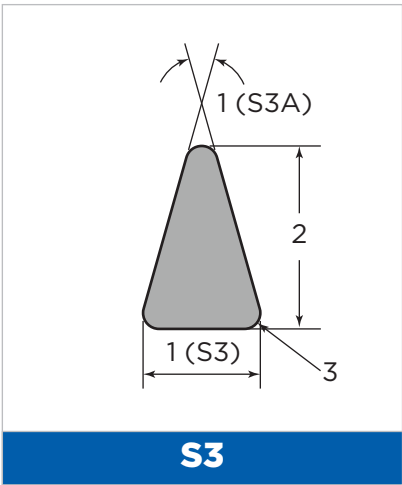
Slip-Max®

- 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	WEAR-BEATER	OPTIMA	SLIP-MAX
Punch wear piercing varied materials	●	★	
Punch or die wear piercing stainless steel	●	★	
Punch wear piercing galvanised	●	★	
Punch or die wear piercing aluminium	●	▲	★
Galling on punch in stainless steel	●	★	
Galling on punch in galvanised	●	★	★
Galling on punch in aluminium	●	▲	★
Stripping problems when forming in stainless steel	●	▲	★
Stripping problems when forming in aluminium	●	▲	
Stripping problems when piercing in stainless steel	●	★	★
Stripping problems when piercing in aluminium	●	▲	

GOOD ● BETTER ▲ BEST ★

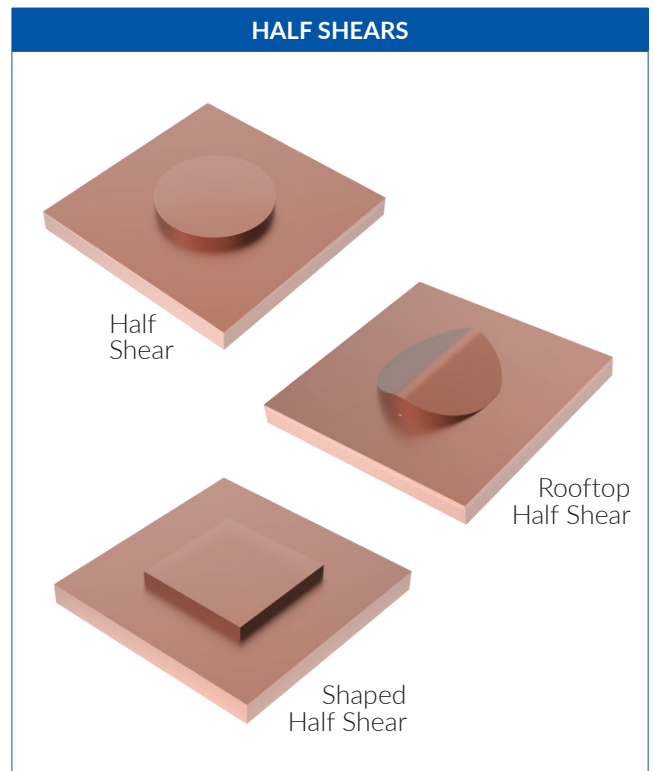
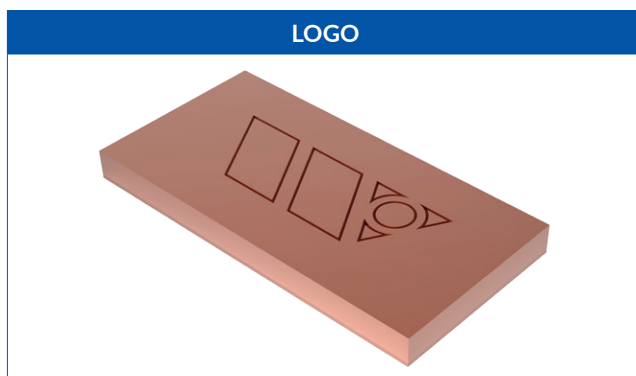
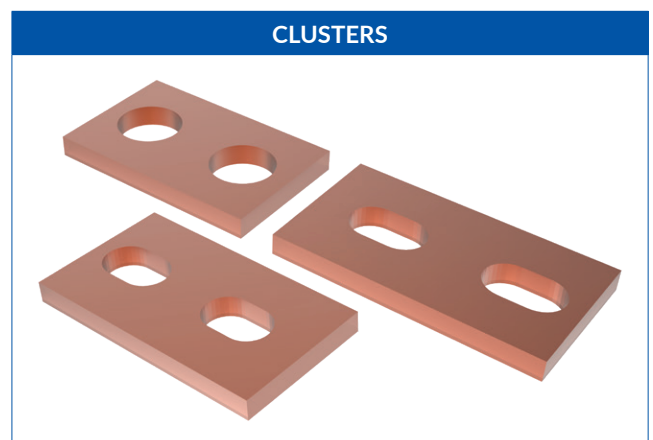
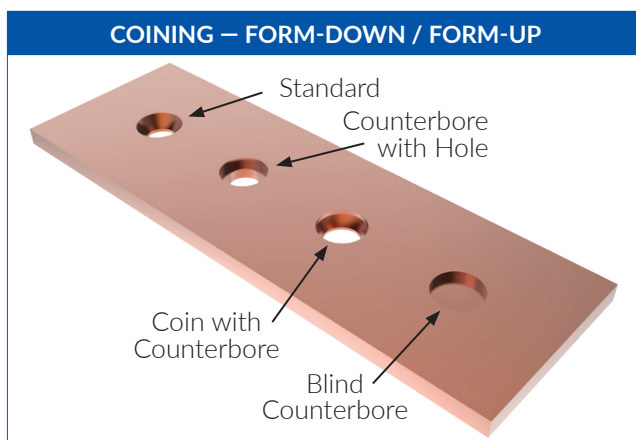


NOTE: Additional shapes available. Special considerations may alter price and lead time.

DIE SELECTION INFORMATION

TOTAL CLEARANCE			
MATERIAL	MINIMUM	BEST	MAXIMUM
Copper, 1/2 Hard	8%	12%	16%
Mild Steel	10%	15%	20%
Aluminium, Soft	5%	10%	15%
<i>% x Material Thickness = Total Clearance</i>			

SPECIAL FORMING TOOLS



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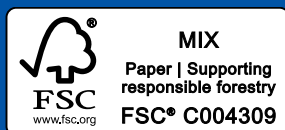
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