

A collection of various industrial tooling components, including a large metal die with a grid pattern, a smaller metal die, a blue-handled die, a brass die, and a small metal die, all arranged on a white background.

TRUMPF STYLE TOOLING SOLUTIONS

Standards, Specials and Accessories

TRUMPF STYLE

7

- 7 2-4-1 Tooling
- 8 2-4-1 Round
- 9 2-4-1 Shape
- 10 Standard Round
- 11 Standard Shape
- 12 Heavy Duty Tooling
- 13 Keyed Collars and Punches

PARTING TOOLS

14

- 15 Close to Form Slitting
- 16 Slitting / Parting
- 17 Quick Set Slitting

DIE SHIMS

18

MULTI-TOOLS

19

- 20 5 Station Multi-Tool
- 21 10 Station Multi-Tool
- 22 4 Station Multi-Tool
- 23 6 Station Multi-Tool

SPECIALS

24

- 25 A-Plus Tooling
- 26 Coining Tools
- 27 Card Guide
- 28 Emboss
- 29 Extrusion
- 30 Hinge Tools
- 31 Progressive Rib
- 32 Rollover Tool
- 33 Bridge Lance and Form
- 34 EKO's
- 35 Half Shear | Rooftop Half Shear
- 36 Scratch Tool
- 37 Lance and Forms
- 38 Louvers
- 39 Cluster Tools
- 40 Thread Form
- 41 Thread Loop
- 42 Multi-Scribe
- 43 ID-Stamp™
- 43 Letter Stamp
- 44 Stamping
- 45 Tapping Tool
- 46 Rolling DeBurr
- 46 Opti-Bend
- 47 Zip-Tech
- 48 Wilson Wheel
- 49 Special Shapes

ACCESSORIES

56

- 56 Hand Tools
- 57 Measurement Equipment
- 57 Lubricants
- 58 Alignment Fixture
- 58 Cartridges, Insertion Tool
- 59 Alignment Collars, Punch Chucks
- 59 Die & Stripper Adapters, Die Shims
- 60 Tool Storage
- 60 Grinding fixture
- 61 Grinders
- 62 Brush Dies

REFERENCE

63

- 63 Keying

Content

Prices and product availability are subject to change without notice.

MACHINE GROUPS										
A	B	C	D	E		F	G	H	I	S
CN 700	CN 901E	CN 1200S	TRUMATIC	SUNIMAT 400		TRUMATIC	TRUMATIC	TRUMATIC	TRUMATIC	MINIMATIC
CN 900	CN 902	CN 1200A	20	TRUMATIC	TRUMATIC	150W	20AW	500R	2000R	100
CN 701	CS 75	CS 15	20	150K	202K	152W	202W	200R	2010R	TRUMATIC
CN 901	CS 75.2	CS 20	202M	151K	225K	180W	300W	190R	2020R	120R
		CS 20A		152K	235K	180.2W	300LW	600L	3000-1300R	160R
		MP 25		180K	300K	180R	300PW		3000-1600R	
		MP25D		180.2K	300LK	180LW	300TOP		5000R	
				180KD	300PK	180.2LW	400W		6000R	
				180LK	400K	ELX/SWIFT			1000R	
				180.2LK		185			7000L	
						240				
						240R				
						250				
						260R				

THE TOOLS FOR YOUR SUCCESS

While this catalog certainly contains many of the physical tools you may need to be successful, we at Wilson Tool also equip you with a variety of educational opportunities that are designed to help drive your success as well.

We encourage you to take advantage of the many free resources offered by some of our leading technical experts covering a wide variety of topics. These educational opportunities include:

SOLUTION-FOCUSED NEWSLETTERS

These are designed to not just be a monthly sales pitch, but practical solutions to common and not-so-common fabrication issues.

EDUCATIONAL WEBINARS

Designed to help resolve specific fabrication and stamping issues, these webinars offer practical material to help solve real-world problems. And they are recorded so if you miss a live event, you can always go back and view the recording later.

IN-PERSON SEMINARS

From seminars on implementing a Lean program at your facility to Fabrication Forums that offer an entire day of solution-based content, these seminars always receive high marks from the attendees for not only the information but also in the way it is presented.

For more information about any or all of these educational opportunities, ask your Sales Engineer or visit wilsontool.com



THE WILSON TOOL DIFFERENCE

COMPANY OVERVIEW

From very humble beginnings in a small manufacturing facility in St. Paul, Minnesota, Wilson Tool has added manufacturing facilities and sales channels around the world to better serve our thousands of global customers. Throughout our International 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.

The products included in this catalog represent the results of over 50 years of helping customers resolve their most challenging fabrication issues. And don't be concerned if the challenge you are currently facing can't be resolved with a product included in this catalog. Give us a call and 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, as always, if you are not happy with the final solution we provide, we will either find a way to help you succeed or we will refund your money.

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

Sincerely,

Brian Robinson
Wilson Enterprises

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

From the early days of Series 80 tooling to Wilson Wheels to innovative EXP technology, our punching division has been the leading innovation driver in the industry. When combined with the most experienced customer support professionals in the industry, the solutions offered from Wilson Tool continue to raise the bar on performance and innovation. Thick turret, Trumpf, Salvagnini, or any other style of punch press you may be using, Wilson Tool offers the most complete line of tooling solutions available today.

PUNCHING



BENDING

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

Whether you use American, European, or Wila/Trumpf style precision tooling or conventional style tooling, Wilson Tool has a solution for you. Our clamping options cover these styles as well. With hydraulic push button options, quick release mechanical options, or standard manual clamps, Wilson Tool has a clamping solution for any style of machine or budget. And our custom tooling manufacturing capabilities have quickly become the envy of the industry with innovative solutions for very complex bending challenges. And with manufacturing facilities located in the USA and Canada, our delivery times to North American fabricators are the fastest in the industry.

Wilson Tool's Stamping division (aka Impax Tooling Solutions) offers high quality punch and die components for the stamping industry. Innovative products such as our 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.

STAMPING



ACCESSORIES

Whether you need tool sharpening grinders, tooling storage systems, or other types of related supplies, our accessory products offer a wide range of solutions to help you be more productive.

From small to large items, our accessories will help your shop be more organized and efficient.



UPDATE GRIND LIFE WITH TRUMPF STYLE DIES

Cut your costs and save valuable time by increasing your grind life up to 150% with Wilson's Trumpf "GL" (Grind Life) dies and die plate. These products enable you to shim your dies up to 2.5mm instead of the current 1.0mm maximum.

GL Die

The radius profile of the Trumpf GL die has been changed to allow up to 1.5mm of grind life with the standard die plate, or 2.5mm with the GL die plate, while still having radius left to allow the sheet to flow over the top of the die.

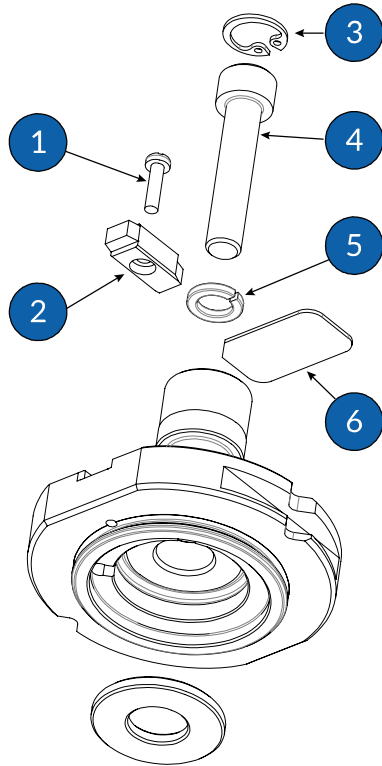
GL Die Plate

The Wilson GL die plate key allows for the die to be shimmed up to 2.5mm while still maintaining key engagement.



The GL size 2 die plate key contains a spring loaded ball plunger to better secure the dies, and is coated with Wilson Tool's Wearbeater coating for easy identification.

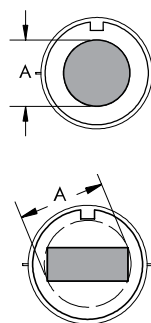
The key is available separately and is compatible with standard die plates.



Punch Assembly 26659 shown

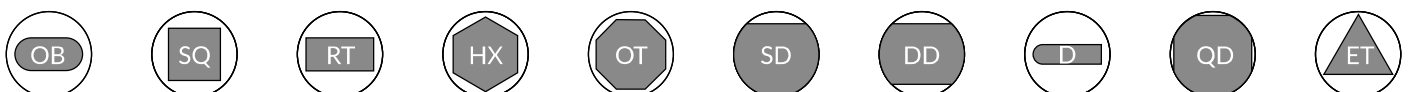


2-4-1 PUNCH HOLDERS		CAT. NO.	PRICE
Punch Holder Assembly*	0 - 1.575" [0 - 40 mm]	26659	
Precision Ground Spacer	0 - 1.575" [0 - 40 mm]	25806	
Punch Holder Assembly*	1.576 - 3.000" [40.01 - 76.20 mm]	26660	
Precision Ground Spacer	1.576 - 3.000" [40.01 - 76.20 mm]	25807	
* Each Punch Holder Assembly is shipped with a Precision Ground Spacer.			
REPLACEMENT PARTS		CAT. NO.	PRICE
1	Cheese Head Screw M3 x 12mm [0 - 40]	25215	
2	Cheese Head Screw M3 x 7mm [40.01 - 76.2]	24150	
3	Punch Collar Key	25113	
4	Retaining Ring 15.1 mm x 1.0mm	24424	
5	Socket Head Cap Screw M8 x 40mm	30161	
6	Lockwasher M8	974100	
7	Magnetic I.D. Label	26657	



ROUND 2-4-1 DIE INSERT		CAT. NO.	PRICE
'A' DIMENSION			
0 - 1.575" [0 - 40.0mm]		25980	
1.576 - 2.205" [40.01 - 56.0mm]		25982	
SHAPE 2-4-1 DIE INSERT		CAT. NO.	PRICE
'A' DIMENSION			
0 - 1.575" [0 - 40.0mm]		25979	
1.576 - 2.205" [40.01 - 56.0mm]		25981	
DIE SHIM PACKS		CAT. NO.	PRICE
DIMENSION			
0 - 1.575" [0 - 40.0mm]		25983	
1.576 - 2.205" [40.01 - 56mm]		25984	

STANDARD SHAPES





Flat



Whisper Shear



Long



Stripper



Urethane Stripper



GL Die

ROUND PUNCH	Flat		Whisper Shear		Long Flat**		Optima® Add-on
'A' DIMENSION	CAT. NO.	PRICE	CAT. NO.	PRICE	CAT. NO.	PRICE	
.093 - 1.181" [2.36 - 30.00mm]	25768		25769		25770		
1.182 - 1.575" [30.01 - 40.000mm]	25774		25775		25776		
1.576 - 2.205" [40.01 - 56.00mm]	25780		25781		25782		
2.206 - 2.598" [56.01 - 66.00mm]	25786		25787		25788		
2.599 - 3.000" [66.01 - 76.20mm]	25792		25793		25794		

** For Group I machines.

ROUND STRIPPER	CAT. NO.	PRICE
Group H/I	25358	
Keyed	25006	
Stripper Pin	25179	

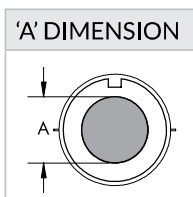
PUSH ON 2-4-1 URETHANE STRIPPERS	CAT. NO.	PRICE ROUND
For Flat [0 - 30 mm 'A' Dim]	26661	
For Whisper/Long [0 - 30 mm 'A' Dim]	26649	
For Flat [30.01 - 40 mm 'A' Dim]	26662	
For Whisper/Long [30.01 - 40 mm 'A' Dim]	26652	

ROUND GL DIE		CAT. NO.	PRICE
SIZE	'A' DIMENSION		
I	Up to 1.260" [32.0mm]	26739	
I	Up to 1.528" [38.0mm*]	26737	
II	1.261 - 3.031" [32.01 - 77.0mm]	26727	

ADD ON FOR SPECIAL SHEARS		
Size I	Inverted Rooftop / Single Concave	
Size II		
Size I	Double Valley / Double Concave	
Size II		

ADD ON FOR ROUNDS			
SMALL DIAMETER		PUNCH	DIE
.031 - .061" [0.79 - 1.56mm]			
.062 - .092" [1.57 - 2.34mm]			
Size I	Clearance < .004" [0.10mm]		
Size II			

ADD ON FOR SHAPES			
SMALL WIDTH		PUNCH	DIE
Size I	.031 - .039" [0.79 - 1.00mm]		
	.040 - .092" [1.01 - 2.34mm]		
Size II	.031 - .039" [0.79 - 1.00mm]		
	.040 - .092" [1.01 - 2.34mm]		
Size I	Clearance < .004 [0.10mm]		
Size II			



STANDARD SHAPES



2-4-1 SERIES SHAPE



2-4-1 SERIES

SHAPE PUNCH	Flat		Whisper Shear		Long Flat**		Optima® Add-on
'A' DIMENSION	CAT. NO.	PRICE	CAT. NO.	PRICE	CAT. NO.	PRICE	
.093 - 1.181" [2.36 - 30.00mm]	25771		25772		25773		
1.182 - 1.575" [30.01 - 40.000mm]	25777		25778		25779		
1.576 - 2.205" [40.01 - 56.00mm]	25783		25784		25785		
2.206 - 2.598" [56.01 - 66.00mm]	25789		25790		25791		
2.599 - 3.000" [66.01 - 76.20mm]	25795		25796		25797		

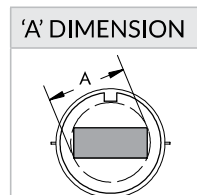
** For Group I machines.

ROUND STRIPPER	CAT. NO.	PRICE
DESCRIPTION		
Group H/I	25359	
Keyed	25028	
Stripper Pin	25179	

PUSH ON 2-4-1 URETHANE STRIPPERS	CAT. NO.	PRICE SHAPE
For Flat [0 - 30 mm 'A' Dim]	26661	
For Whisper/Long [0 - 30 mm 'A' Dim]	26649	
For Flat [30.01 - 40 mm 'A' Dim]	26662	
For Whisper/Long [30.01 - 40 mm 'A' Dim]	26652	

SHAPE GL DIE		CAT. NO.	PRICE
SIZE	'A' DIMENSION		
I	Up to 1.260" [32.0mm]	26740	
I	Up to 1.528" [38.0mm*]	26738	
II	1.261 - 3.031" [32.01 - 77.0mm]	26726	

ADD ON FOR RADIUS OR 45° CHAMFER 4 CORNERS	
PUNCH	PRICE
.001 - .062 [0.02 - 1.57mm]	
.063 - .250 [1.58 - 6.35mm]	
Greater than .250 [6.35mm]	
DIE	PRICE
Any Size	



Flat



Whisper Shear



Long



Stripper



Urethane Stripper



GL Die

STANDARD SHAPES





Flat



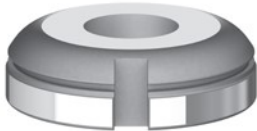
Whisper Shear



Long



Stripper



GL Die

ROUND PUNCH		Flat		Whisper Shear		Long Flat**		Optima® Add-on
	'A' DIMENSION	CAT. NO.	PRICE	CAT. NO.	PRICE	CAT. NO.	PRICE	
0†	.093 - .236" [0.8 - 6.0 mm]	25008		-		25740		
0†	.237 - .413" [6.01 - 10.5 mm]	25009		-		25744		
I	.093 - 1.181" [0.80 - 30.0 mm]	25004		25069		25748		
II	1.182 - 1.496" * [30.01 - 38.0 mm*]	25035		25071		-		
II	1.182 - 1.575" [30.01 - 40.0 mm]	25042		25071		25752		
II	1.576 - 2.000" * [40.01 - 50.8 mm]	25043		25072		25756		
II	2.001 - 3.000" * [50.81 - 76.2 mm]	25002		25073		25760		

†Not recommended for punching stainless steel.

*For Group S machines.

**For Group I machines.

†Not recommended for punching stainless steel.

*For Group S machines.

**For Group I machines.

ROUND STRIPPER	CAT. NO.	PRICE
DESCRIPTION		
Keyed	25006	
Group H*/I	25358	
Group 'S'	25032	
Non-Keyed	25136	
Stripper Pin	25179	

ROUND GL DIE		CAT. NO.	PRICE
SIZE	'A' DIMENSION		
I	Up to 1.260" [32.0mm]	26739	
I	Up to 1.528" [38.0mm*]	26737	
II	1.261 - 3.031" [32.01 - 77.0mm]	26727	

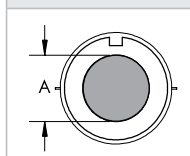
*For Group S machines.
For size III tooling, contact our sales desk.

ADD ON FOR SPECIAL SHEARS		
Size I	Inverted Rooftop / Single Concave	
Size II		
Size I	Double Valley / Double Concave	
Size II		

ADD ON FOR ROUNDS			
SMALL DIAMETER		PUNCH	DIE
.031 - .061" [0.79 - 1.56mm]			
.062 - .092" [1.57 - 2.34mm]			
Size I	Clearance < .004" [0.10mmmm]		
Size II			

ADD ON FOR SHAPES			
SMALL WIDTH		PUNCH	DIE
Size I	.031 - .039" [0.79 - 1.00mm]		
	.040 - .092" [1.01 - 2.34mm]		
Size II	.031 - .039" [0.79 - 1.00mm]		
	.040 - .092" [1.01 - 2.34mm]		
Size I	Clearance < .004 [0.10mmmm]		
Size II			

'A' DIMENSION



STANDARD SHAPES



STANDARD SHAPE PUNCH		Flat		Whisper Shear		Long Flat**		Optima® Add-on
	'A' DIMENSION	CAT. NO.	PRICE	CAT. NO.	PRICE	CAT. NO.	PRICE	
0†	.093 - .236" [0.8 - 6.0 mm]	25022		-		25743		
0†	.237 - .413" [6.01 - 10.5 mm]	25023		-		25747		
I	.093 - 1.181" [0.80 - 30.0 mm]	25026		25063		25751		
II	1.182 - 1.496" * [30.01 - 38.0 mm*]	25031		25065		-		
II	1.182 - 1.575" [30.01 - 40.0 mm]	25039		25065		25755		
II	1.576 - 2.000" * [40.01 - 50.8 mm]	25040		25066		25759		
II	2.001 - 3.000" * [50.81 - 76.2 mm]	25001		25067		25763		

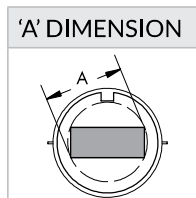
†Not recommended for punching stainless steel.
 *For Group S machines.
 **For Group I machines.

SHAPE STRIPPER	CAT. NO.	PRICE
DESCRIPTION		
Keyed	25028	
Group H*/I	25359	
Group 'S'	25030	
Non-Keyed	25137	
Stripper Pin	25179	

SHAPE GL DIE		CAT. NO.	PRICE
SIZE	'A' DIMENSION		
I	Up to 1.260" [32.0mm]	26740	
I	Up to 1.528" [38.0mm*]	26738	
II	1.261 - 3.031" [32.01 - 77.0mm]	26726	

*For Group S machines.

ADD ON FOR RADIUS OR 45° CHAMFER 4 CORNERS	
PUNCH	PRICE
.001 - .062 [0.02 - 1.57mm]	
.063 - .250 [1.58 - 6.35mm]	
Greater than .250 [6.35mm]	
DIE	PRICE
Any Size	



Flat



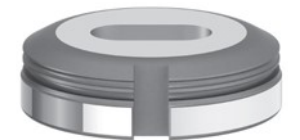
Whisper Shear



Long



Stripper



GL Die

STANDARD SHAPES





Alignment Collar



Flat



Whisper Shear



Rooftop



Stripper Round



Heavy Duty Die

Designed to withstand the higher tonnage associated with punching and nibbling thicker materials.

- The large shoulder punch withstands the higher force involved.
- The punch has extra back taper as standard, reducing galling and pick-up.
- Optima™ coating greatly improves performance.
- The die is strengthened by a step on the bottom.

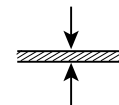
HEAVY DUTY TOOLING			ROUND		SHAPE	
PUNCH	'A' DIMENSION		CAT. NO.	PRICE	CAT. NO.	PRICE
1 Flat	.394 - 1.575" [10 - 40mm]		25140		25141	
1 Whisper Shear	.394 - 1.575" [10 - 40mm]		25322		25321	
1 Rooftop	1.575 - 3.000" [40 - 76.2mm]		25407		25406	
Optima® add-on for punch			-		-	
			CAT. NO.	PRICE	CAT. NO.	PRICE
2 Heavy Duty Die			26733		26728	
3 Stripper, Keyed			25006		25028	
4 Stripper, Non-keyed			25136		25137	
5 Stripper Group H			25358		25359	
6 Heavy Duty Alignment Collar			25138		25138	
7 Spare Collar Key			25142		25142	
8 Key Locating Screw			25215		25215	
Collar Clamping Screw			25216		25216	
Die Shim Pack (not shown)			25182		25182	

DESIGN CRITERIA

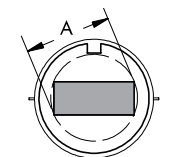
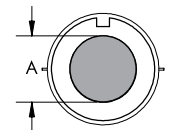
- Minimum punch dia .394" [10mm]. For < .394" [10mm] use standard Size 1 punch.
- Maximum die 'A' dimension 2.716" [69mm].
- Uses Heavy Duty system collar.
- .039" [1.00mm] radius on corners will increase the life of the punch and die.
- Rooftop or whisper shear will reduce the tonnage significantly as long as the depth of shear is at least half the thickness of the material.
- Heavy Duty punch to be used on material .250" [6.35mm] thick and above or where punching force is over 22.5 tons.
- Heavy Duty die to be used where punching force is over 20 tons.
- Uses standard strippers.
- Tools for thicker plate often exceed the machine tonnage. Ask our sales desk to verify.

INFORMATION REQUIRED

- Size and shape of punch.
- Material thickness and type.
- Machine model.



'A' DIMENSION

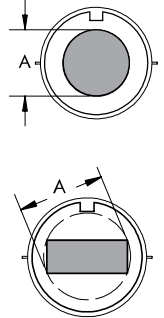


STANDARD SHAPES





KEYED COLLAR			
SIZE	DESCRIPTION	CAT. NO.	PRICE
II	0° - 45° - 90° - 180°	25317	
KEYED PUNCH			
	'A' DIMENSION	CAT. NO.	PRICE
Flat	up to 2.380" [60.5mm]	25376	
	2.380 - 3.000" [60.5 - 76.2mm]	25575	
Whisper	up to 2.380" [60.5mm]	25576	
	2.380 - 3.000" [60.5 - 76.2mm]	25577	
Optima® add-on for punch		-	

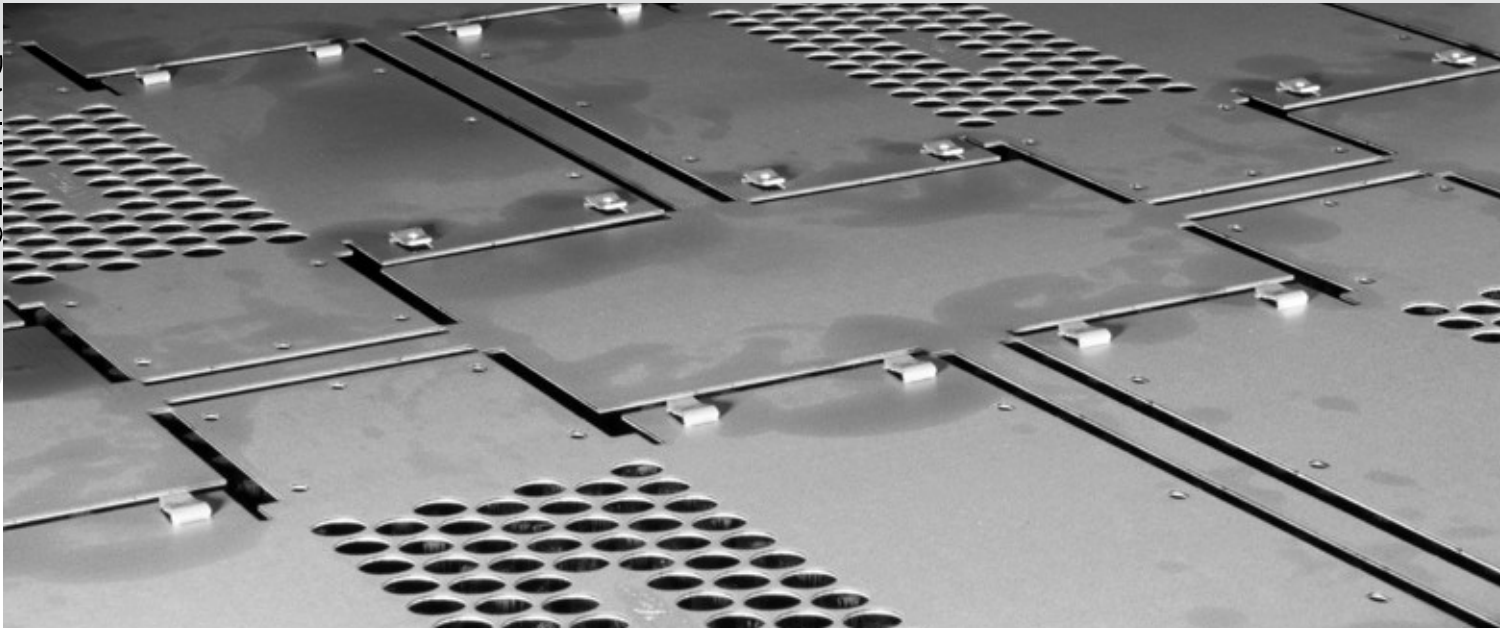
DESIGN CRITERIA	'A' DIMENSION
<ul style="list-style-type: none"> Allows for a keyed punch to be set at 0°, 45°, 90° or 135° without the use of Quick Set. Designed for use with wilson Tool Keyed Trumpf style punches. With a keyed punch and collar, a positive key location between the punch and collar results in cost savings that are realized by less scrap and longer tool life. The positioning is 100% reliable and repeatable. Fixed slots for greater accuracy and consistency. Inherent accuracy reduces the reliance required on the operator. The punch cannot turn at all during operation, resulting in scrap rate reduction. 	

STANDARD SHAPES



PARTING TOOLS

SLITTING



Parting and slitting are common practices in sheet metal fabrication.

Whether you are parting nested parts or straightening the edge of the sheet, you need a product that is rigid and delivers a long tool life. Wilson Tool developed Trumpf parting products specifically to maximize your productivity for these applications. Even when punching close to a form

Dura-Blade has a replaceable cutting blade insert is made with Ultima® premium tool steel that delivers up to 100% more tool life. It also has a self-stripping steel stripper that is relieved for punching close to forms.

2-4-1 Parting Punch Assembly has a replaceable cutting blade insert is made with Ultima® premium tool steel that delivers up to 100% more tool life. It has replaceable wedged urethane strippers mounted on the sides to allow punching close to forms without crushing them.

Standard Parting Punch Assembly is a solid size 2 punch with replaceable wedged urethane strippers mounted on the sides to allow punching close to forms without crushing them.

Parting Tool Die has a removeable insert that can be replaced at lower cost than a conventional die.

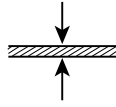
CLOSE TO FORM PARTING PUNCH

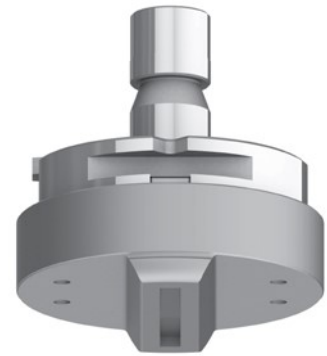


SLITTING

DURA-BLADE PUNCH ASSEMBLY

DESCRIPTION	CAT. NO.	PRICE
Complete punch assembly (includes shims)	26783	
Punch insert only	26781	
2.5 mm shim pack	26789	

INFORMATION NEEDED			Material Thickness 
Maximum material thickness:	.118 [3mm]		
Maximum width:	.250" [6.35mm]		
Maximum length:	2.204" [56mm]		

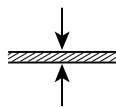


WILSON 2-4-1 PUNCH ASSEMBLY

DESCRIPTION	30-60 mm LENGTH		60-76.2 mm LENGTH	
	CAT. NO.	PRICE	CAT. NO.	PRICE
Complete punch assembly (includes shims)	26802		26800	
Punch only	26803		26801	
Urethane Strippers (Pair)	26760		26762	

INFORMATION NEEDED		
Maximum material thickness:	Stainless Steel	.060" [1.52mm]
	Mild Steel / Aluminum	.078" [1.98mm]
Maximum width:	.250" [6.35mm]	
Maximum length:	3.00" [76.2mm]	

Material Thickness



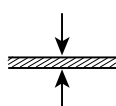


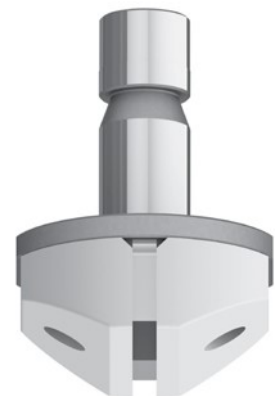
STANDARD PUNCH ASSEMBLY

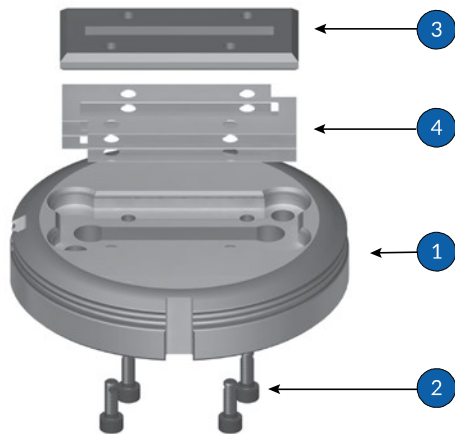
DESCRIPTION	30-60 mm LENGTH		60-76.2 mm LENGTH	
	CAT. NO.	PRICE	CAT. NO.	PRICE
Complete punch assembly (includes shims)	26761		26763	
Punch only	25586		25589	
Urethane Strippers (Pair)	26760		26762	

INFORMATION NEEDED		
Maximum material thickness:	Stainless Steel	.060" [1.52mm]
	Mild Steel / Aluminum	.078" [1.98mm]
Maximum width:	.250" [6.35mm]	
Maximum length:	3.00" [76.2mm]	

Material Thickness





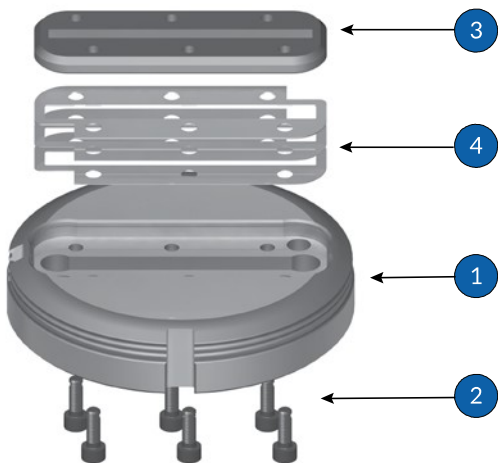


PARTING TOOL DIE ASSEMBLY

Lengths up to 2.250" (57.15mm)
Widths up to .250" [6.35mm]

	DESCRIPTION	CAT. NO.	PRICE
1	Complete Assembly without Blade	25464	
2	Blade Fixing Screw	25443	
3	Blade, max. length 2.250" [57.15 mm]	25463	
4	Shim Pack	25439	

This blade holder is designed to accept the interchangeable rectangular die blades, and also any special shapes with maximum length of 2.250" (57.15mm).

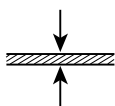


PARTING TOOL DIE ASSEMBLY

Lengths up to 3.000" (76.20mm)
Widths up to .250" [6.35mm]

	DESCRIPTION	CAT. NO.	PRICE
1	Complete Assembly without Blade	25466	
2	Blade Fixing Screw	25443	
3	Blade, max. length 3.000" [76.20 mm]	25465	
4	Shim Pack	25441	

This blade holder is designed to accept die blades, with maximum length of 3.000" (76.20mm).

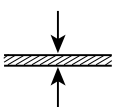
DESIGN INFORMATION	Max. Material Thickness	INFORMATION REQUIRED
<ul style="list-style-type: none"> Special sizes and shapes available. Must fit within ranges as specified. Blades can be reground by .039" (1.00mm) max. Must be held flat for regrounding and coolant must be used. To ensure the screws do not come loose, reassemble using Loctite. 	<p>.118" [3.00mm]</p> 	<ul style="list-style-type: none"> Conventional rectangle size or special size and shape. Material thickness and type. Machine model.

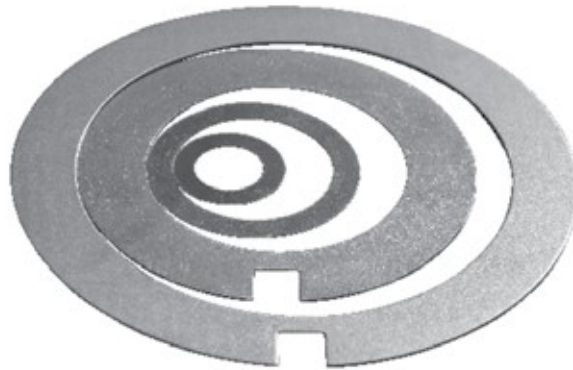
QUICK SET PARTING TOOL PUNCHES		
DESCRIPTION	CAT. NO.	PRICE
Complete Assembly without Blade 0° (.200")	25613	
Complete Assembly without Blade 90° (.200") *	25614	
Complete Assembly without Blade 0° (.250")	25611	
Complete Assembly without Blade 90° (.250") *	25612	
Location Pin	970416	
Blade Locking Screw	25345	
Blade: 0 - 1.181" [30.0 mm] x .200" [5.08 mm]	25605	
Blade: 0 - 1.181" [30.0 mm] x .250" [6.35 mm]	25606	
Blade: 1.181" [30.0mm] - 2.250" [57.15mm] x .200" [5.08mm]	25607	
Blade: 1.181" [30.0mm] - 2.250" [57.15mm] x .250" [6.35mm]	25608	
Blade: 2.250 [57.15mm] - 3.000" [76.2mm] x .200 [5.08mm]	25609	
Blade: 2.250 [57.15mm] - 3.000" [76.2mm] x .250 [6.35mm]	25610	
Optima® coating add-on for punch	-	
*Standard for Trumpf machine.		

WITH INTEGRAL COLLAR



METRIC QUICK SET PARTING TOOL PUNCHES <i>Not Standard to North America</i>		
DESCRIPTION	CAT. NO.	PRICE
Complete Assembly without Blade 0° (5mm)	25600	
Complete Assembly without Blade 90° (5mm)	25602	
Location Pin	970416	
Blade Locking Screw	25345	
56 x 5mm RT Blade with 0.5mm radius	25346	
30 x 5mm RT Blade with 0.5mm radius	25347	
76.2 x 5mm RT Blade with 0.5mm radius	25414	
0 - 30 x 5mm Blade (Special)	25447	
30 - 56 x 5mm Blade (Special)	25448	
56 - 76.2 x 5mm Blade (Special)	25449	
Optima® coating add-on for punch	-	

DESIGN INFORMATION	Max. Material Thickness	INFORMATION REQUIRED
<ul style="list-style-type: none"> The parting tool punch holder is designed to accept interchangeable punch blades up to a maximum length of 3.000" [76.20mm], with widths of .200" [5.08mm] and .250" [6.35mm] or 5mm. The Parting Punch assembly is permanently set at 0° or 90° eliminating blade misalignment. The blades have a regrind life of .118" (3.00mm) and the assembly is limited to use in up to .118" (3.00mm) material. Blades are supplied with rooftop shear as standard to reduce punching force and noise. Special sizes and shapes available. Must fit within ranges as specified. Blades must be reground in vibration-free fixture with coolant. Blades supplied only with rooftop shear. Use with standard stripper. 	<p>.118" [3.00mm]</p> 	<ul style="list-style-type: none"> Conventional rectangle size or special size and shape. Material thickness and type. Machine model.



MULTI-TOOL DIE SHIMS			
# OF STATIONS	QUANTITY	CAT. NO.	PRICE
4-Station	Package includes: (2) 0.1mm, (1) 0.3mm (1) 0.5mm	25389	
5-Station		26003	
6-Station		25388	
10-Station		25995	

SIZE 1 DIE SHIMS			
THICKNESS	QUANTITY	CAT. NO.	PRICE
0.1mm	1	25299	
0.3mm	1	25300	
0.5mm	1	25301	
Package includes: (2) 0.1mm, (1) 0.3mm & (1) 0.5mm		25181	
SIZE 2 DIE SHIMS			
THICKNESS	QUANTITY	CAT. NO.	PRICE
0.1mm	1	25296	
0.3mm	1	25297	
0.5mm	1	25298	
Package includes: (2) 0.1mm, (1) 0.3mm & (1) 0.5mm		25182	

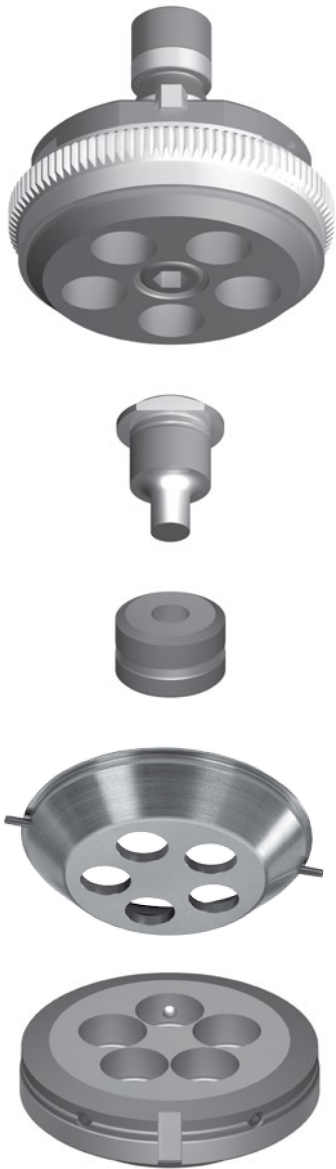
SIZE 1 DIE SHIMS			
THICKNESS	QUANTITY	CAT. NO.	PRICE
1mm	Pack of 5	26753	
1mm	1	26756	
SIZE 2 DIE SHIMS			
THICKNESS	QUANTITY	CAT. NO.	PRICE
1mm	Pack of 5	26752	
1mm	1	26755	

MULTI-TOOLS



Your punch press has a limited number of stations, but that doesn't mean you need to buy a new machine or stop production to change out tooling. Multi-tools increase the tool capacity of your punch press by adding 4, 5, 6 or 10 additional tools in a single station. That means you can expand the tool capacity of your machine and reduce downtime due to additional tooling changes.

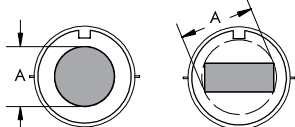

These are available for Group I, Group H, and Trumatic 240R/260R machines.



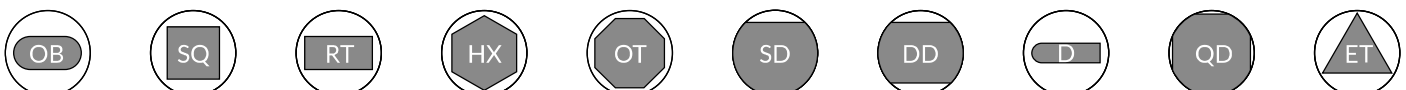
UPPER UNIT ASSEMBLY	CAT. NO.	PRICE
Upper Assembly	25957	
LOWER UNIT- ASSEMBLY	CAT. NO.	PRICE
Lower Unit Assembly	25958	
STRIPPER	CAT. NO.	PRICE
Stripper with 17.2mm dia. holes	25959	
Fitted Stripper (for thin material 18 ga. or less)	26003	

PUNCH	CAT. NO.	PRICE
Round	25735	
Shape	25736	
DIE	CAT. NO.	PRICE
Round	25737	
Shape	25738	
MT5 Die Shim Pack	26003	

OPTIMA® ADD ON FOR PUNCH		
Round Punch		
Shape Punch		
ADD ON FOR ROUNDS		
SMALL DIAMETER	PUNCH	DIE
.031 - .061" [0.79 - 1.56mm]		
.062 - .092" [1.57 - 2.34mm]		
Clearance < .004" [0.10mm]		
ADD ON FOR SHAPES		
SMALL WIDTH	PUNCH	DIE
.031 - .039" [0.79 - 1.00mm]		
.040 - .092" [1.01 - 2.34mm]		
Clearance < .004 [0.10mm]		

DESIGN INFORMATION	MAXIMUM 'A' DIMENSION	MAXIMUM MATERIAL THICKNESS
<ul style="list-style-type: none"> All punches and dies will be made for position 1, angle 90° unless stated otherwise. 	.630" [16mm] 	Mild steel & Aluminum .177" [4.5mm] Stainless steel .118" [3mm] 

STANDARD SHAPES



UPPER UNIT- ASSEMBLY	CAT. NO.	PRICE
Upper Assembly	25967	
LOWER UNIT - ASSEMBLY	CAT. NO.	PRICE
Lower Unit Assembly	25967	
STRIPPER	CAT. NO.	PRICE
Stripper with 11.7mm dia. holes	25969	
Fitted Stripper (for thin material 18 ga. or less)	25970	
TRUMPF ORIGINAL DIE DESIGN	CAT. NO.	PRICE
Lower Unit Assembly (no die plate)	25968	
Die Plate	25808	

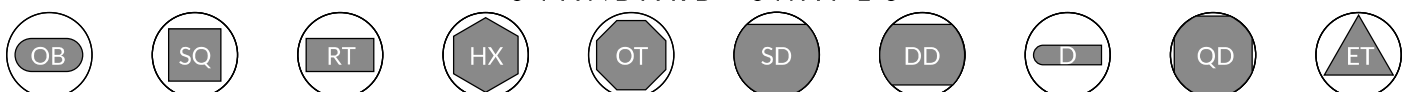
PUNCH	CAT. NO.	PRICE
Round	25809	
Shape	25810	
DIE	CAT. NO.	PRICE
Round	25996	
Shape	25997	
MT10 Die Shim Pack	25995	

OPTIMA® ADD ON FOR PUNCH	
Round Punch	
Shape Punch	
ADD ON FOR RADIUS OR 45° CHAMFER 4 CORNERS	
PUNCH	PRICE
.001 - .062 [0.02 - 1.57mm]	
.063 - .250 [1.58 - 6.35mm]	
Greater than .250 [6.35mm]	
DIE	PRICE
Any Size	



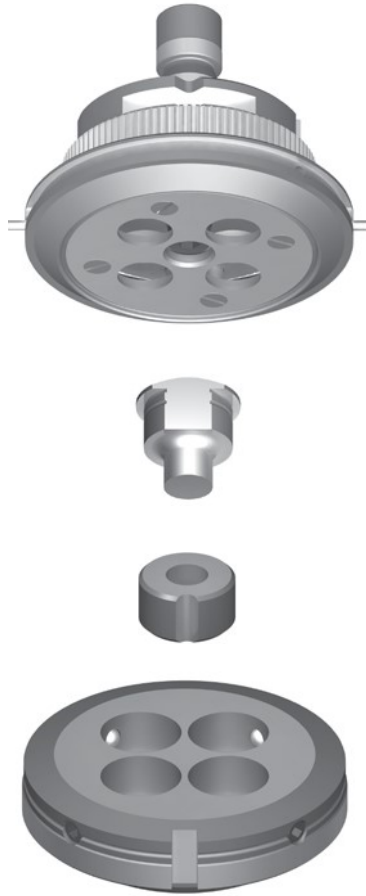
DESIGN INFORMATION	MAXIMUM 'A' DIMENSION	MAXIMUM MATERIAL THICKNESS
<ul style="list-style-type: none"> All punches and dies will be made for position 1, angle 90° unless stated otherwise. 	.413" [10.5mm] 	Mild steel & Aluminum .177" [4.5 mm] Stainless steel .118" [3mm]

STANDARD SHAPES



FOR TRUMATIC 240R/260R AND GROUP H MACHINES

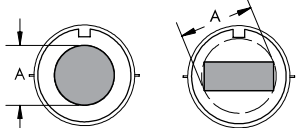
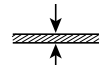
MULTI-TOOL



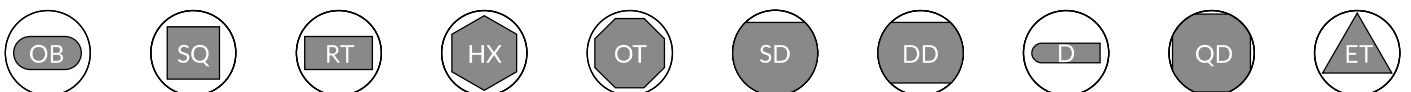
PUNCH AND DIE ASSEMBLY COMPLETE*	CAT. NO.	PRICE
Trumatic 240R/260R	25888	
Group H	25886	
* With Alignment Tool		
UPPER UNIT - ASSEMBLY**	CAT. NO.	PRICE
Trumatic 240R/260R	25891	
Group H	25884	
MT4 Alignment Tool	25893	
**Does not include inserts		
LOWER UNIT - ASSEMBLY**	CAT. NO.	PRICE
Trumatic 240R/260R & Group H	25866	
**Does not include inserts		

PUNCH	CAT. NO.	PRICE
Round	25151	
Shape	25152	
DIE	CAT. NO.	PRICE
Round	25153	
Shape	25154	
MT4 Die Shim Pack	25389	

OPTIMA® ADD ON FOR PUNCH		
Round Punch		
Shape Punch		
ADD ON FOR ROUNDS		
SMALL DIAMETER	PUNCH	DIE
.031 - .061" [0.79 - 1.56mm]		
.062 - .092" [1.57 - 2.34mm]		
Clearance < .004" [0.10mm]		
ADD ON FOR SHAPES		
SMALL WIDTH	PUNCH	DIE
.031 - .039" [0.79 - 1.00mm]		
.040 - .092" [1.01 - 2.34mm]		
Clearance < .004 [0.10mm]		

DESIGN INFORMATION	MAXIMUM 'A' DIMENSION	MAXIMUM MATERIAL THICKNESS
<ul style="list-style-type: none"> All punches and dies will be made for position 1, angle 90° unless stated otherwise. 	.630" [16mm] 	Mild steel & Aluminum .125" [3.2 mm] Stainless steel .079" [2mm] 

STANDARD SHAPES



FOR TRUMATIC 240R/260R AND GROUP H MACHINES

PUNCH AND DIE ASSEMBLY COMPLETE*	CAT. NO.	PRICE
Trumatic 240R/260R	25889	
Group H	25887	
* With Alignment Tool		
UPPER UNIT - ASSEMBLY**	CAT. NO.	PRICE
Trumatic 240R/260R	25892	
Group H	25885	
MT6 Alignment Tool	25894	
** Does not include inserts		
LOWER UNIT - ASSEMBLY**	CAT. NO.	PRICE
Trumatic 240R/260R & Group H	25863	
** Does not include inserts		

PUNCH	CAT. NO.	PRICE
Round	25147	
Shape	25148	
DIE	CAT. NO.	PRICE
Round	25149	
Shape	25150	
MT6 Die Shim Pack	25388	

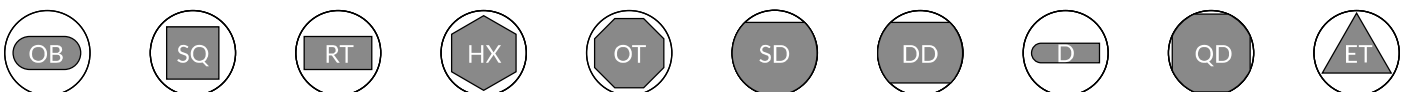
OPTIMA® ADD ON FOR PUNCH	
Round Punch	
Shape Punch	
ADD ON FOR RADIUS OR 45° CHAMFER 4 CORNERS	
PUNCH	PRICE
.001 - .062 [0.02 - 1.57mm]	
.063 - .250 [1.58 - 6.35mm]	
Greater than .250 [6.35mm]	
DIE	PRICE
Any Size	



MULTI-TOOL

DESIGN INFORMATION	MAXIMUM 'A' DIMENSION	MAXIMUM MATERIAL THICKNESS
<ul style="list-style-type: none"> All punches and dies will be made for position 1, angle 90° unless stated otherwise. 	.413" [10.5mm] 	Mild steel & Aluminum .125" [3.2 mm] Stainless steel .079" [2mm]

STANDARD SHAPES



SPECIALS



Incorporating forming applications into your fabrication can add value to your processes while reducing cost by boosting efficiencies and eliminating secondary operations.




No matter how unique your requirement, Wilson Tool works with you to design and manufacture punch press tooling that meet the needs of your most demanding application. Our highly skilled engineers and toolmakers combine unmatched experience with specialized manufacturing systems to produce products that meet the challenges of your most demanding applications.


Wilson forming tools are manufactured with high grade materials to maximize tool life and machine up time. They are engineered with features like positive stopping to ensure you consistently get a form to your specifications on every hit. And when working with challenging material Wilson offers solutions like coatings to improve stripping and reduce sheet marking. Each special tool is tested using our in-house punch presses, and a sample is included with every forming special tool we ship. Wilson special tools are manufactured to our superior quality standards and tolerances and with the shortest lead times available.

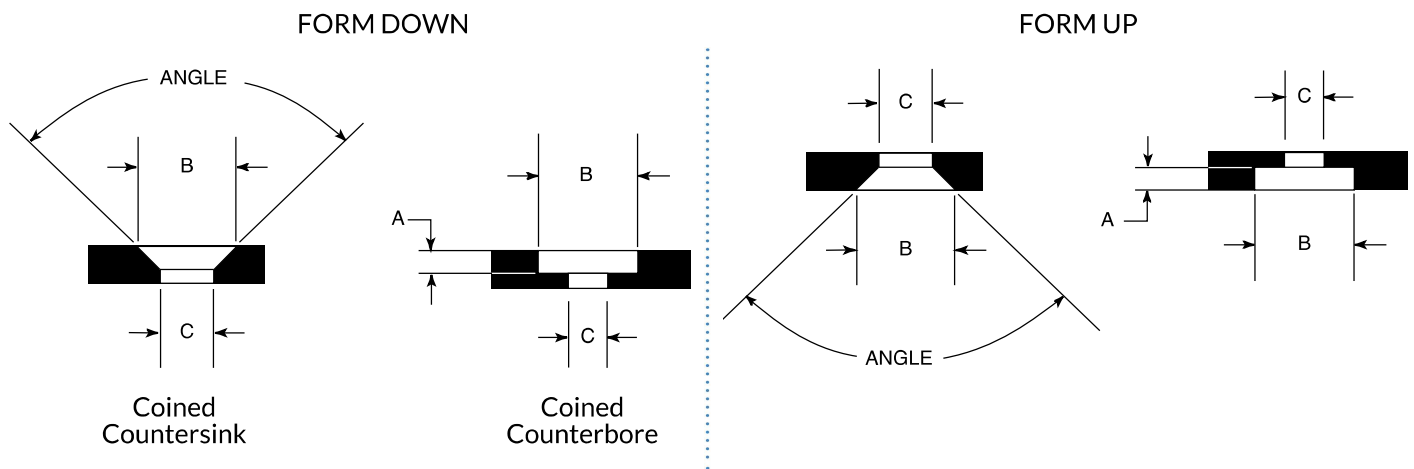
YOU NEED BETTER SOLUTIONS, FASTER!

Wilson approaches every special tooling request with a “never say no” attitude. And with the fastest lead times in the industry, your special tooling will arrive when you need it.

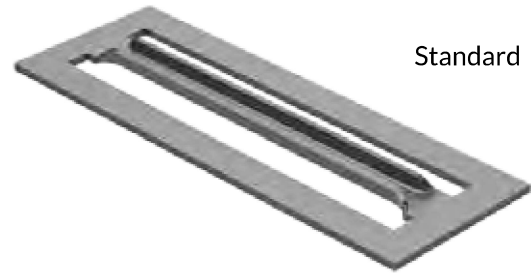


		
CARD GUIDE	LANCE & FORM	LOUVER
Maximum length is 3.4" [86.4mm]. Used for retaining printed circuit boards that require standard lead-in or special lead-in shapes.	Maximum length is 3.5" [88.9mm]. Used in many applications such as airflow, decoration, location markers, sheer tabs, wire harnesses and clip attachments.	Maximum length is 4" [101.6mm]. Replaceable forming unit in the die. Used in many applications such as airflow, electrical enclosures, HVAC and food service equipment.

DESIGN INFORMATION	INFORMATION NEEDED
<ul style="list-style-type: none"> • Extends the range of forming in the 'A' dimension, allowing for longer and larger forms. • Offers a full additional 1" [25.4mm] for more in your forming application. • Available for most Trumpf Group I machines (specifications subject to change.) • Requires an A-Plus cartridge. 	<ul style="list-style-type: none"> • Machine and model number. • Material thickness and type. 



APPLICATION	ADVANTAGES	INFORMATION NEEDED
Coining tools are used for forming countersinks and counter bores for screws or to deburr the edge of a hole.	<ul style="list-style-type: none"> Coining on the punch press eliminates costs and time when compared to a secondary operation of machining countersinks. Interchangeable inserts for form down countersinks allow you to easily change coin sizes and reduce tooling costs. Form up coin dies are self-stripping. Multiple coating options available to aid in stripping 	<ul style="list-style-type: none"> Machine model Material thickness and type Angle, coin diameter (B), thru-hole size with or without pilot (C). Form-up or form-down



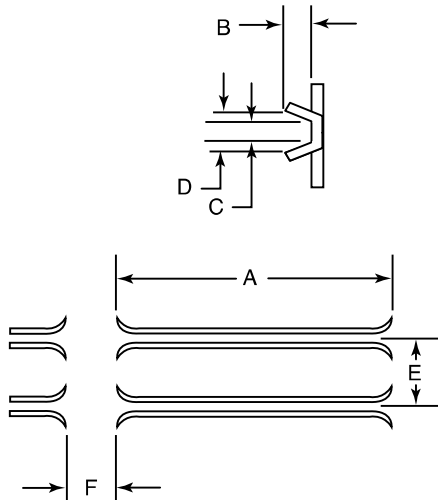
Standard



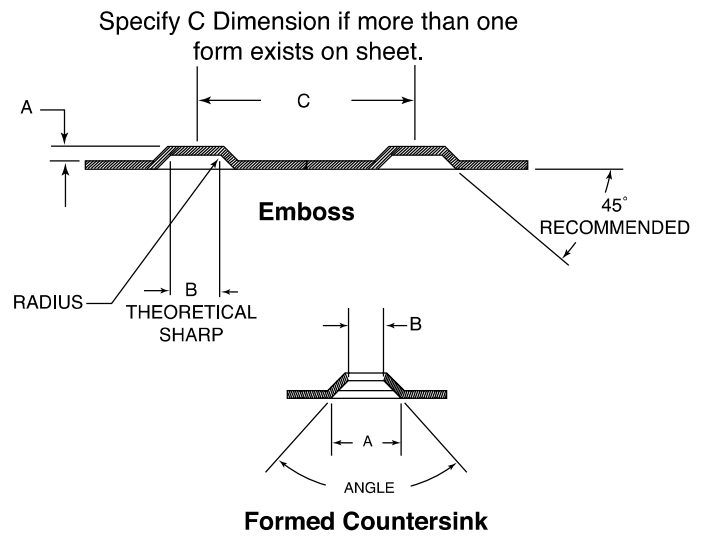
Wrap Around



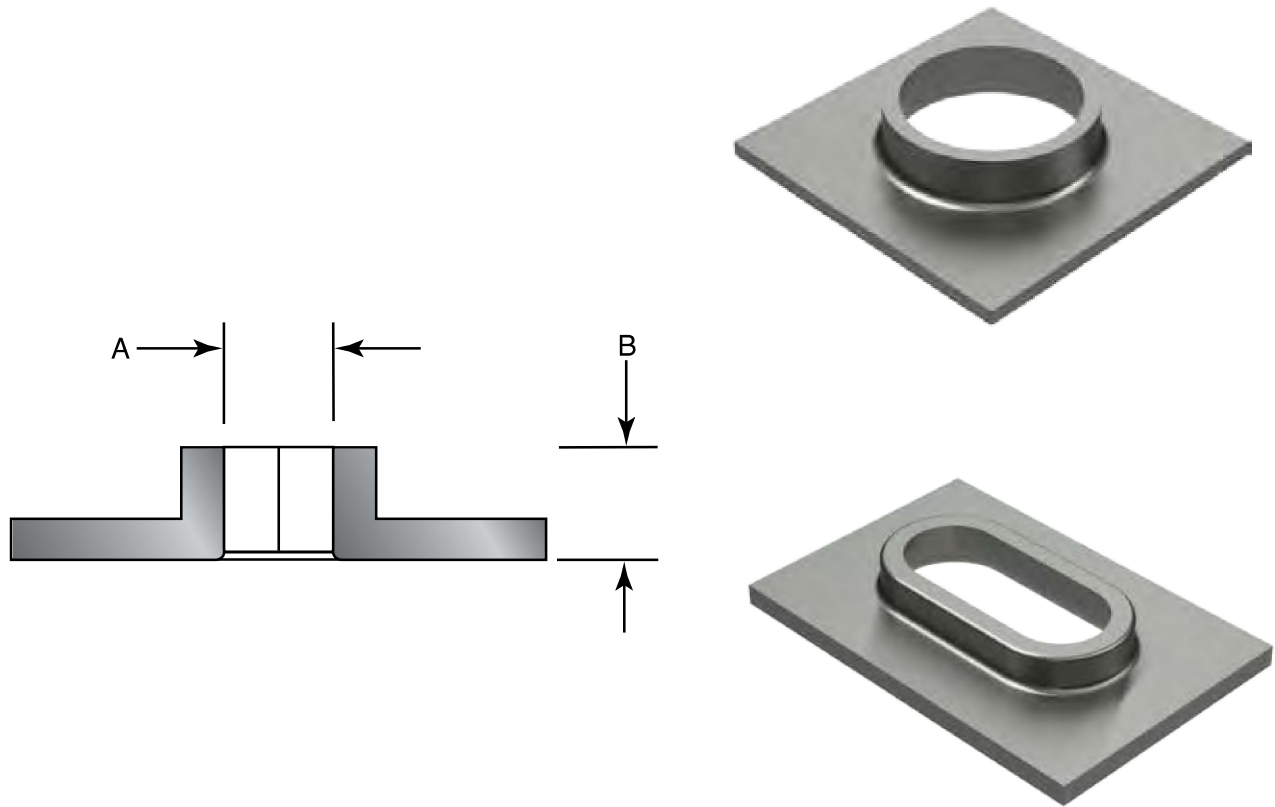
Closed End



APPLICATION	ADVANTAGES	INFORMATION NEEDED
<p>A card guide is used for retaining printed circuit boards that require standard lead-in or special lead-in shapes.</p> <p>Wilson Tool will estimate the web of material to be formed on all card guides and the pre-punch shape and size on special lead-in card guides.</p>	<ul style="list-style-type: none"> • The replaceable insert design allows for lower costs and conversion to different size card guides. • Special lead-ins are available • Built in stripping for best results • Multiple coating options available to aid in stripping 	<ul style="list-style-type: none"> • Machine model • Material thickness and type • Dimensional drawing or electronic file - center-to-center location and narrowest pre-punch. • Pre-punch shape rectangle, obround, or rectangle with radius corners. • Maximum length 2.756" [70mm]. For longer lengths, see A-Plus Series, page 25.



APPLICATION	ADVANTAGES	INFORMATION NEEDED
<p>Embosses, dimples and forming tools are typically used to create stand-offs, spacers, countersinks, locks for nuts.</p> <p>Logo embosses and other special shapes can be manufactured easily when an electronic file is provided.</p>	<ul style="list-style-type: none"> • All tools are made to achieve a consistent high quality form. • Multiple coating options available to aid in stripping. 	<ul style="list-style-type: none"> • Material thickness and type • Machine model • Dimensional drawing or electronic file • Form-up or form-down



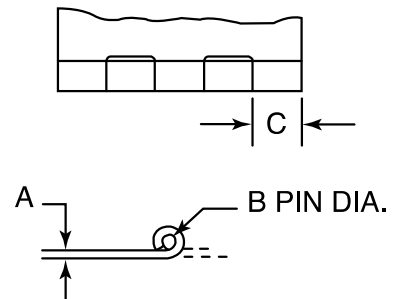
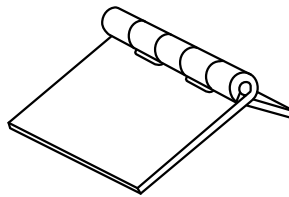
APPLICATION	ADVANTAGES	INFORMATION NEEDED
<p>Extrusions are used in a broad spectrum of applications:</p> <ul style="list-style-type: none"> • Self-tapping screws • Cooling tube holders • Air flow applications • Tread plates 	<ul style="list-style-type: none"> • Many extrusions are insert style for fast and economical replacement. • Form-down extrusions are designed to be self-stripping, providing consistent and trouble-free operation. . • Multiple coating options available to aid in stripping. 	<ul style="list-style-type: none"> • Machine model • Material thickness and type • I.D. and height or screw size and type • Tolerance of I.D. • Form-up or form-down • Specify center-to-center if more than one extrusion exists on the sheet • Maximum length 2.756" [70mm]



Standard Fully Curled Hinge



One-Hit Half Knuckle Hinge

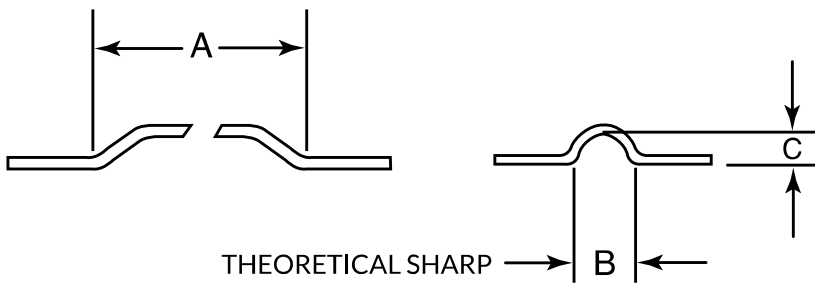


Offset Fully Curled Hinge

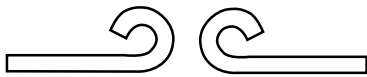
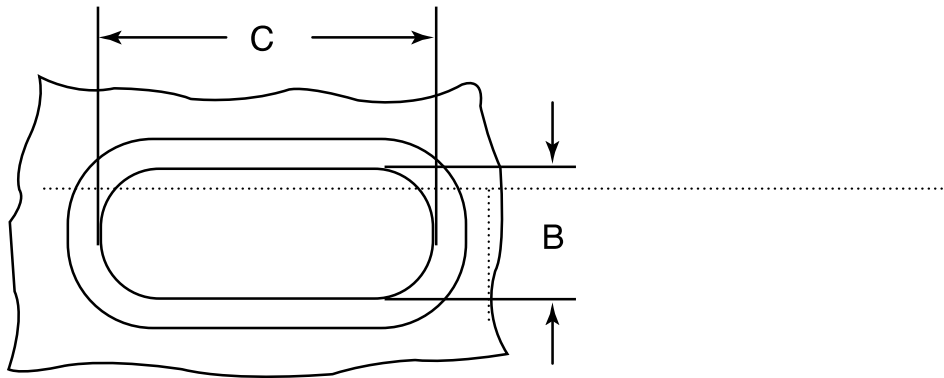


See this tool in action on the
Wilson Tool YouTube Channel

APPLICATION	ADVANTAGES	INFORMATION NEEDED
Integrating a formed a hinge on the edge of the sheet in your machine eliminates the need for costly hardware and a secondary operation to weld or fasten them.	<ul style="list-style-type: none"> Wilson Tool's one-hit hinge tool is achieved with 1 set of tools. Standard hinge is achieved with 2 sets of tools. Offset hinge requires 3 sets of tools. 	<ul style="list-style-type: none"> Machine model Material thickness (A) and type Dimensional drawing or electronic file - inside diameter or pin size (B) Knuckle size (C)



APPLICATION	INFORMATION NEEDED
<p>A progressive rib produces quality stiffening ribs, programmable to any length.</p> <p>Rounded or flat top ribs are available. For best results, inside radius should be equal to or greater than the height.</p> <p>Run in nibbling mode recommended (incremental moves should be equal to the material thickness or less).</p>	<ul style="list-style-type: none"> • Machine model • Material thickness and type • Dimensional drawing or electronic file • Specify center-to-center if more than one form exists on the sheet

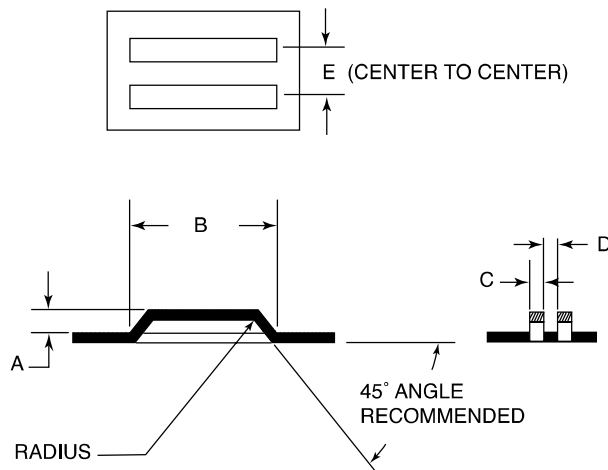


Rollover

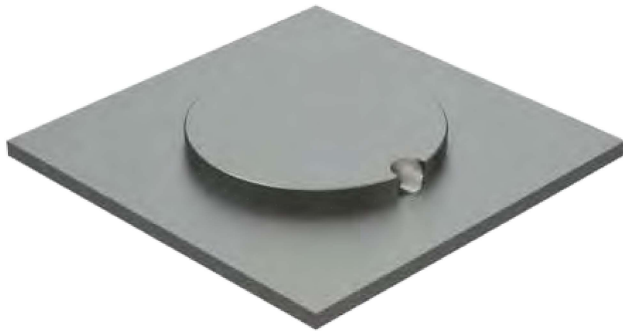


Hemming

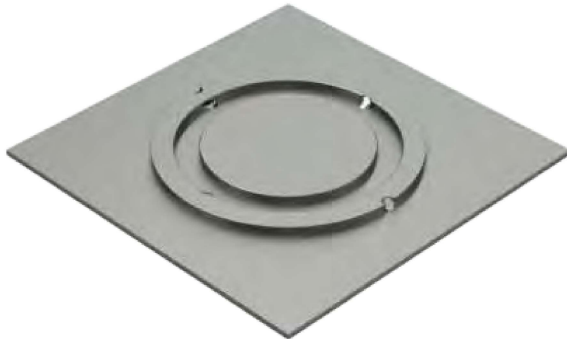
APPLICATION	ADVANTAGES	INFORMATION NEEDED
<p>Rollover and hemming tools can be used in many applications such as hand holds, wire feeds and grommets.</p> <ul style="list-style-type: none"> Rollover is achieved in three operations: <ol style="list-style-type: none"> 1. Pre-punch (developed by Wilson Tool free of charge) 2. Form-up extrusion 3. Rollover Hemming is achieved in three operations: <ol style="list-style-type: none"> 1. Pre-punch (developed by Wilson Tool free of charge) 2. Form-up extrusion 3. Flare & Flatten. 	<ul style="list-style-type: none"> Reduces costly secondary operations and handling. Designed and manufactured to produce consistent results. Multiple coating options available to extend tool life. 	<ul style="list-style-type: none"> Machine model Material thickness and type Diameter or length and width of opening (C, B) Tolerance of opening What type of application (hand hold, wire feed, etc.)



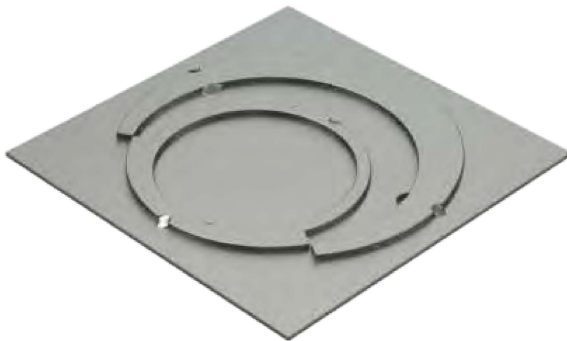
APPLICATION	ADVANTAGES	INFORMATION NEEDED
<p>Bridge style lance and forms can be used for the following:</p> <ul style="list-style-type: none"> • Shear stops • Locators • Card guides • Dividers • Ventilation • Wire tie downs 	<p>The Wilson design creates a positive form ensuring a high quality, consistent part.</p> <p>Special lead-ins available.</p> <p>Form-down bridges are made self-stripping.</p> <p>Multiple coating options available to aid in stripping.</p>	<ul style="list-style-type: none"> • Machine model • Material thickness and type • Dimensional drawing or electronic file for relief • Top, side and end views • Form-up or form-down



Single

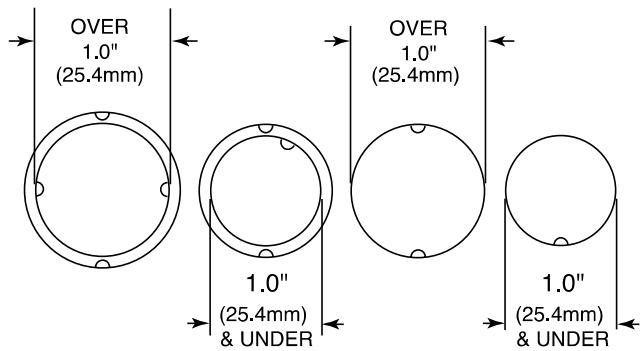


Triple



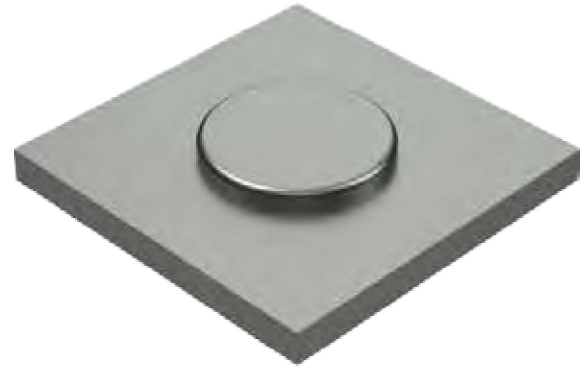
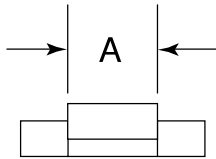
Quad Tangential

Standard Wilson Tool Tab Location

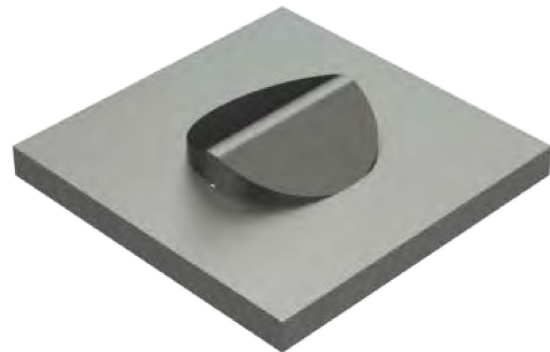


APPLICATION	ADVANTAGES	INFORMATION NEEDED
<p>Electrical knockouts (EKOs) are used to create connection points for cable pathways. Available for:</p> <ul style="list-style-type: none"> • Single • Double (concentric or tangential) • Triple (concentric or tangential) • Quad (concentric or tangential) • Standard and special shapes <p>Single or multiple tools can be used to produce the desired number of EKOs for your requirements.</p>	<p>Wilson Tool's EKO design has full stripping in both upper and lower units, which produce good quality, reliable knockouts every time.</p> <p>Multiple coating options available for extending tool life.</p>	<ul style="list-style-type: none"> • Machine model • Material thickness, type or range • Actual diameter • Specify center-to-center if more than one knockout exists on the sheet. • Form-up or form-down

Half Shear

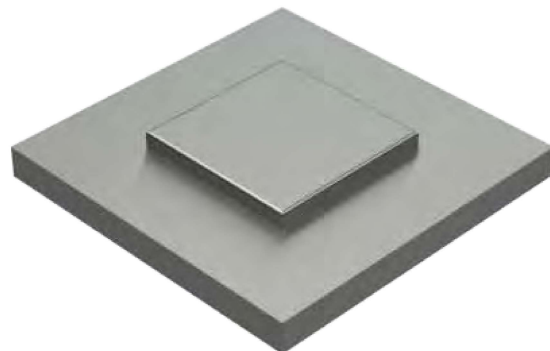
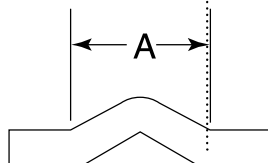
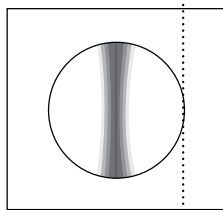


Half Shear



Rooftop Half Shear

Rooftop Half Shear

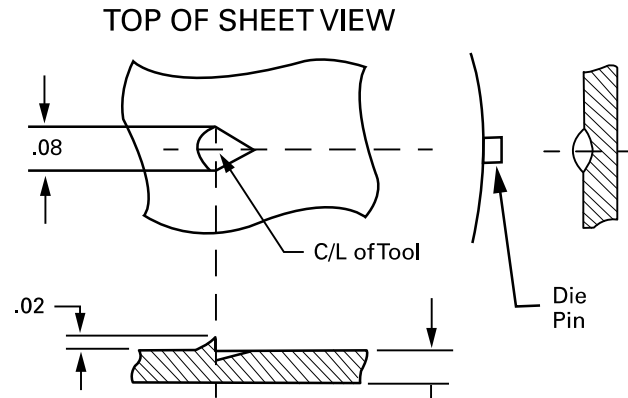


Shaped Half Shear

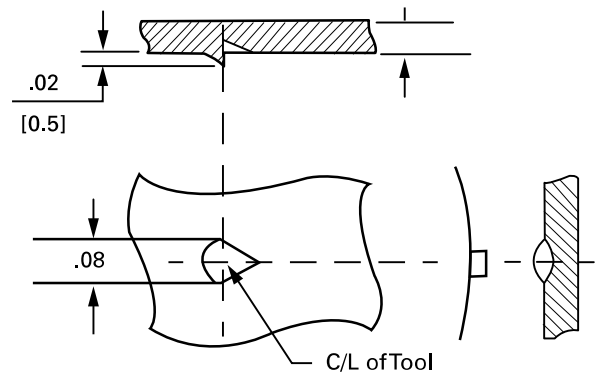
APPLICATION	ADVANTAGES	INFORMATION NEEDED
<p>The half shear is an easy-to-use tool that allows you to put in shear buttons and spot welding locators to the accuracy of your punch press.</p> <p>Round half shears make excellent locators for angular shearing.</p> <p>Rooftop half shears have approximately a 3 gauge material thickness range.</p>	<p>Rooftop half shears give you greater height protrusion compared to a standard half-shear when using thinner material.</p> <p>Half shears can be used on a .125" (3.17 mm) range of material if requested.</p>	<ul style="list-style-type: none"> Machine model Material thickness and type (or range) Diameter or shape (on top of sheet) Specify center-to-center if more than one exists on the sheet. Form-up or form-down



Top of Sheet

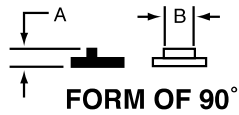


Bottom of Sheet

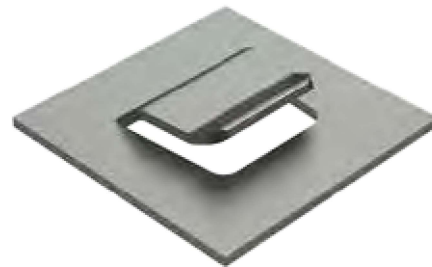
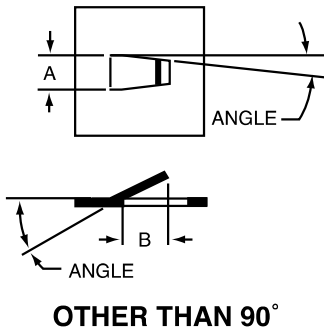


BOTTOM OF SHEET VIEW

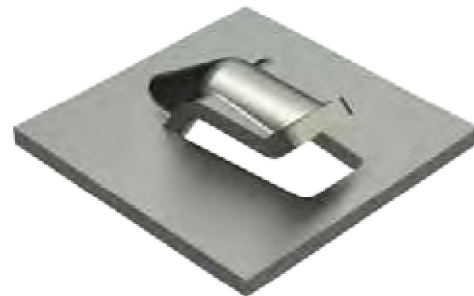
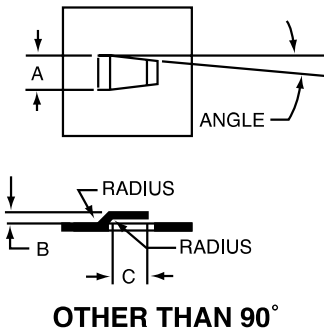
APPLICATION	ADVANTAGES	INFORMATION NEEDED
<p>The scratch form can be used for spot welding locators, locators for angular shearing and shear stops.</p> <p>Height of the stop is .020 [.5mm] - .030" [.8mm].</p> <p>Tool is designed with relief for .500" [12.7mm] centers.</p>	<p>Punches a range of material from .036" [.91mm] to .125" [3.18mm]</p>	<ul style="list-style-type: none"> Machine model Material thickness and type Specify top or bottom of the sheet scratch



90° Form

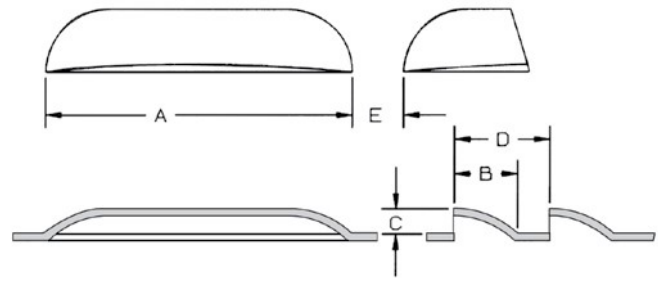


With extra bend



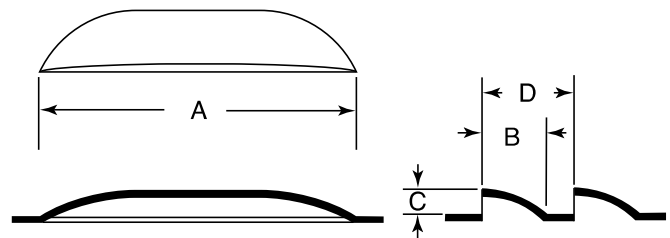
Shovel lance with rib

APPLICATION	ADVANTAGES	INFORMATION NEEDED
Lance and forms are used for a variety of applications, including: Air flow Decoration Location markers Shear tabs Wire harnesses Clip attachments.	High-quality lance and forms are assured with Wilson's positive form and self-stripping design. Multiple coating options available to extend tool life.	<ul style="list-style-type: none"> Machine model Material thickness and type Dimensional drawing or electronic file and pattern if relief is required. A taper of 5° per side should be added (if possible) to aid in stripping large lance and forms. Form-up or Form-down



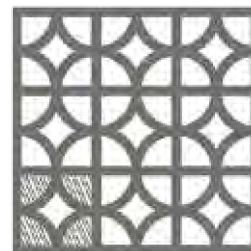
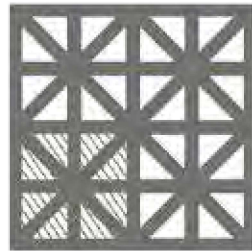
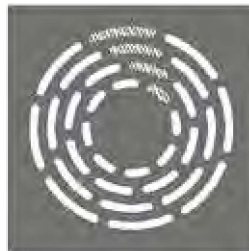
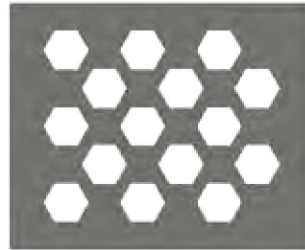
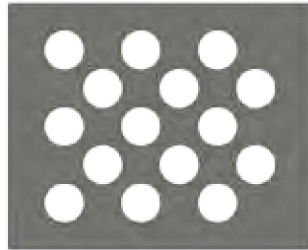
APPLICATION	ADVANTAGES	INFORMATION NEEDED
Used in a variety of industry applications that require airflow; electrical enclosures, HVAC, and food service equipment.	Lower costs with replaceable inserts that can be converted to different size louvers. Multiple coating options available to extend tool life.	<ul style="list-style-type: none"> Machine model Material thickness and type Dimensional drawing or electronic file

PROGRESSIVE LOUVERS

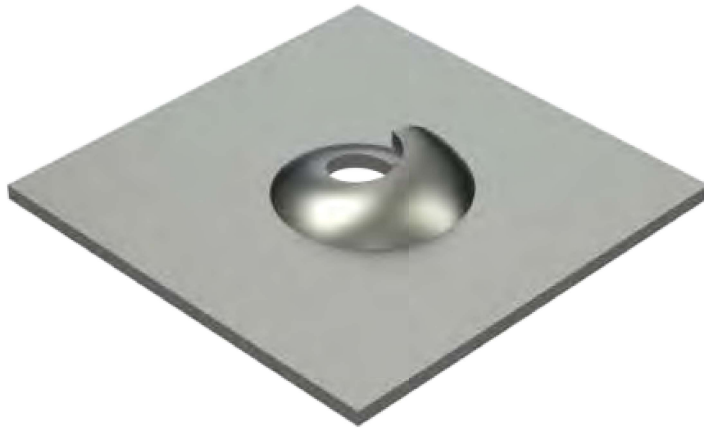


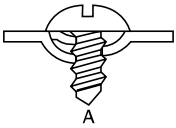
"A" dimension is programmable to any length.
Form length on first full hit is approximately 2-1/4" (57mm) long.

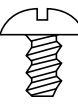

APPLICATION	ADVANTAGES	INFORMATION NEEDED
Used in a variety of industry applications that require airflow; Electrical enclosures, HVAC, and food service equipment. Run in nibbling mode (recommended incremental moves equal to the material thickness or less).	Produces various length louvers to give flexibility using one tool. Lower costs with replaceable inserts that can be converted to different size louvers.. Multiple coating options available to extend tool life.	<ul style="list-style-type: none"> Machine model Material thickness and type B, C and D dimensions.




APPLICATION	ADVANTAGES	INFORMATION NEEDED
<p>The cluster tool is the most cost effective method to manufacture perforated patterns and is commonly used for air ventilation, drains and filters.</p> <p>Cluster piercing is ideal for applications where tight tolerance is required on the hole pattern.</p>	<ul style="list-style-type: none"> • Creates maximum number of holes with minimal hits. • Saves on machine punching time and costly tool maintenance. • Available in any hole size, shape or pattern. • Holds tight tolerance from hole to hole. • Punch available as solid or replaceable insert style. • Wilson Tool's back bending feature on dies can help reduce sheet distortion. • Multiple coating options available to extend tool life. 	<ul style="list-style-type: none"> • Machine model • Material type, thickness or range • Number of holes in clusters • Straight or staggered pattern • Center-to-center dimensions • Replaceable or solid design • Style of large station guide assembly



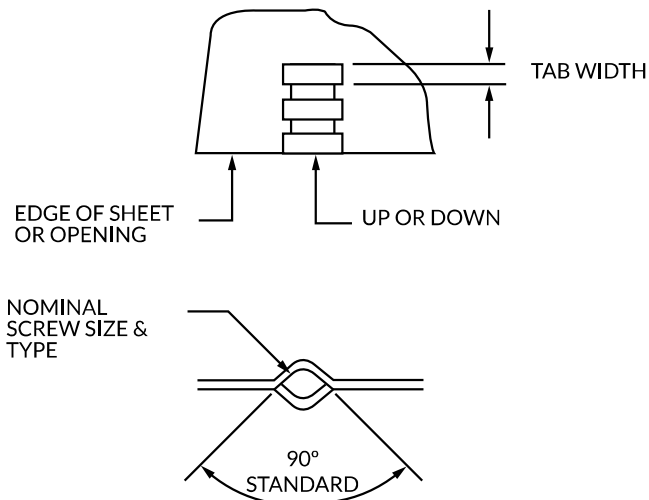
SCREW TYPE	Thread Size
 A	6-18
	8-15
	10-12
	12-11
	14-10
	20-9

 B	6-20
	8-18
 AB	10-16
	12-14
	1/4-14
	5/16-12

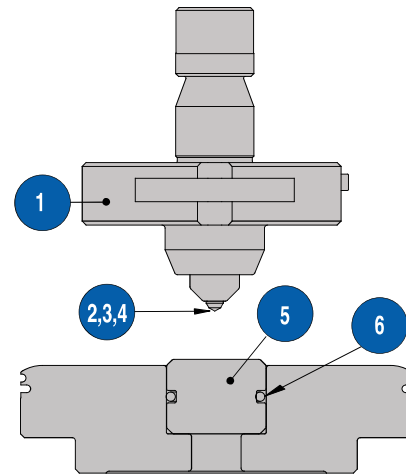
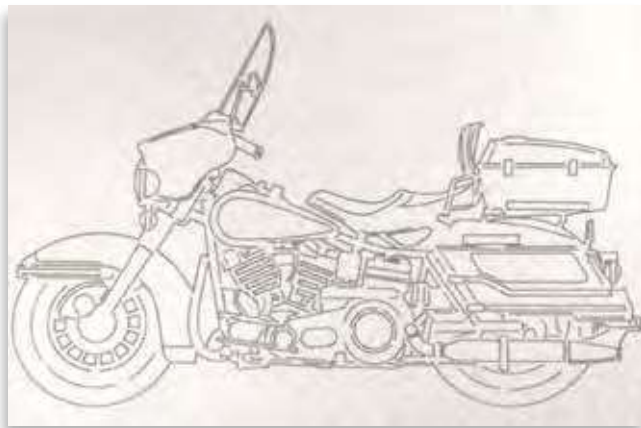
 C (Machine Screws)	6-32
	8-32
	10-24
	10-32
	1/4-20
	5/16-18

THREAD FORM DATA CHART		
Maximum Material Thickness with Coining		
Thread Size	Inches	MM
6-15	.120	3.05
6-18	TBD	TBD
6-20	.100	2.54
6-32	.048	1.22
7-16	.094	2.39
8-15	.120	3.05
8-18	.094	2.39
8-32	.038	0.97
10-12	.125	3.18
10-16	.100	2.54
10-24	.067	1.70
10-32	.050	1.27
12-11	.120	3.05
12-14	.120	3.05
12-24	.068	1.73
14-10	.140	3.56
20-9	.125	3.18
1/4-14	.120	3.05
1/4-20	.094	2.39
5/16-12	.120	3.05
5/16-18	.094	2.39
3/16-24	.067	1.70
3/8-16	.079	2.01
1/2-13	.114	2.90
M2.9 x 1.1	.080	2.03
3.5 x 1.3	.100	2.54
3.9 x 1.4	.098	2.49
M4 x 0.7	.062	1.57
M4.2 x 1.4	.074	1.88
4.2 x 1.6	.094	2.39
4.8 x 1.6	.094	2.39
4.8 x 1.8	.100	2.54
M5 x 0.8	.050	1.27
5.5 x 1.8	.120	3.05
M6 x 1.0	.065	1.65
6.3 x 1.8	.120	3.05
M8 x 1.25	.074	1.88
8.0 x 2.1	.120	3.05
M10 x 1.5	.085	2.16
M12 x 1.75	.104	2.64

APPLICATION	ADVANTAGES	INFORMATION NEEDED
A thread form is a great solution for eliminating secondary operations and supplemental hardware where a threaded hole is required.	<ul style="list-style-type: none"> Reduces costly hardware and assembly time. Coining is included in the design of the tool when material exceeds the recommended thickness up to 2 times. Pre-punch information is provided. Multiple coating options available to extend tool life. 	<ul style="list-style-type: none"> Machine model Material thickness and type Thread size and type



APPLICATION	ADVANTAGES	INFORMATION NEEDED
A thread loop is a great solution for eliminating secondary operations and supplemental hardware when a threaded hole is required.	<p>The Wilson design gives a positive form, which ensures a high quality part.</p> <p>Reduces costly hardware and assembly time.</p> <p>Multiple coating options available to extend tool life.</p>	<ul style="list-style-type: none"> • Machine model • Material thickness and type • Number of thread loop tabs • Width of tab • Direction of first tab • Diameter of opening or screw size and type • Dimensional drawing or electronic file



SIZE 2 MULTI-SCRIBE

	DESCRIPTION	CAT. NO.
1	Trumpf Multi-Scribe Kit (includes all inserts)	26210
2	Carbide Insert	13563
3	120° Diamond Insert	13564
4	150° Diamond Insert	13565
5	Plastic Scribe Die Insert	12689
6	O-Ring (1" P.D x 3/32)	2282

APPLICATION	ADVANTAGES	INFORMATION NEEDED
<p>Wilson Multi-Scribe is ideal for both sheet scribing and dot-matrix marking on a wide range of materials.</p> <p>Unique designs and logos can be achieved just by programming.</p> <p>Sold as a kit which includes:</p> <ul style="list-style-type: none"> Punch & die assembly Red medium spring, yellow light spring Green heavy spring 120° and 150° diamond insert 90° carbide insert 3mm hex wrench 	<ul style="list-style-type: none"> Can achieve variable scribe depth Design allows for consistent mark depth Long lasting diamond tip Won't deform the material or mark the underside of the sheet. Wilson Multi-Scribe tool comes assembled with 120° diamond and red medium spring. Works on a wide range of materials. 	<ul style="list-style-type: none"> Machine model Material thickness and type



APPLICATION	10 STATION ADVANTAGES	5 STATION ADVANTAGES	INFORMATION NEEDED
<p>An ID-Stamp tool is a perfect solution for permanently marking and displaying company names, serial numbers, or part numbers.</p> <p>You can stamp different characters, including numbers, letters, and various symbols.</p>	<ul style="list-style-type: none"> Eliminates secondary stamping operations and ensures consistent marking. Reduces the number of tools needed to mark parts. Designed to take the standard .125" [3.18mm] letter stamp character. 	<ul style="list-style-type: none"> Uses a set of 5 special stamping punches when as a group or combined create the letters A - Z, numbers 0 - 9 and symbols %, \$, /, \, <, >, =, +. The standard font size is 10mm. Designed for use in materials up to 8mm thick. 	<ul style="list-style-type: none"> Machine model Material thickness range and type

LETTER STAMP



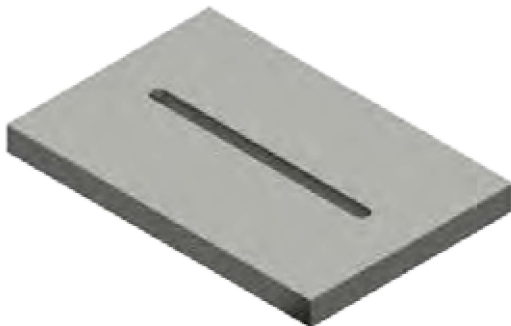
APPLICATION	ADVANTAGES	INFORMATION NEEDED
<p>A letter stamp is a perfect solution for permanently marking and displaying company names, serial numbers, or part numbers.</p> <p>Replaceable punch tip design allows quick and easy change out, reducing the number of tools needed to mark parts..</p>	<p>Available in single and double row.</p> <p>Eliminates secondary stamping operations.</p> <p>Interchangeable punch tip design provides cost savings and flexibility to easily change character size by purchasing only a punch tip and characters.</p>	<ul style="list-style-type: none"> Machine model Material thickness and type Size character, number of rows, number of characters per row Form-up or form-down



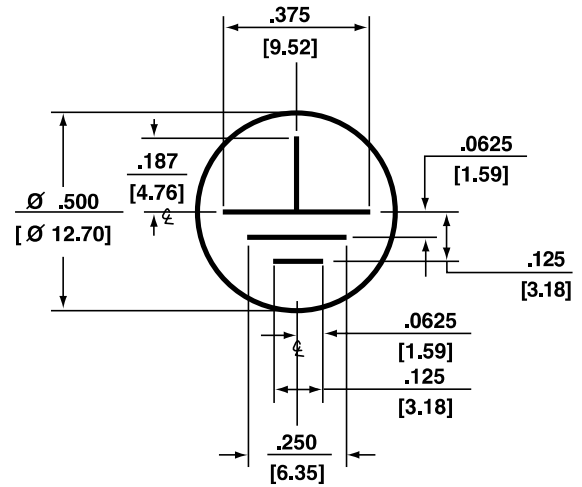
Logo



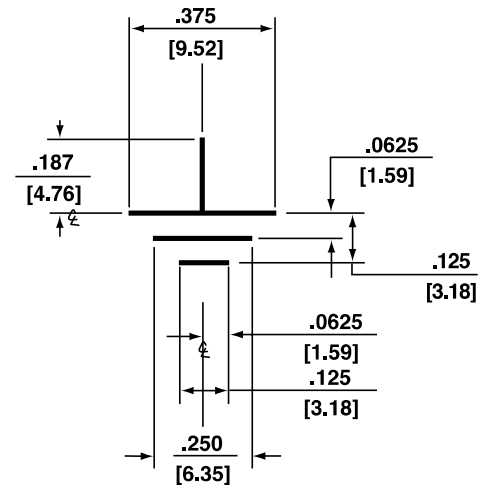
Ground Symbol



Dash Tool



GROUND SYMBOL
STOCK DIMENSIONS



APPLICATION	ADVANTAGES	INFORMATION NEEDED
<p>Stamping the top or bottom of the sheet is the perfect solution for permanently displaying company names, serial numbers, symbols, and product or company logos.</p> <p>Ground symbols, widely used in the electrical industry are available in stock sizes, form-down or form-up.</p> <p>Dash tools can be used to "V" notch the sheet to aid in bending, create numbers and letters, and location marks on a sheet. Dash tools are available in form-down or form-up, in various lengths and can be run progressively.</p>	<p>All form-up tools are designed self-stripping to prevent sheet marking and tool wear.</p> <p>Logo stamps and other special stamps can be manufactured easily when an electronic file is provided.</p> <p>Dash tools can be used to create numbers or letters.</p>	<ul style="list-style-type: none"> Machine model Material thickness and type Length of dash Size of ground symbol (stock or non-stock) Electronic file for logos Form-up or form-down



Extruded Hole Shown

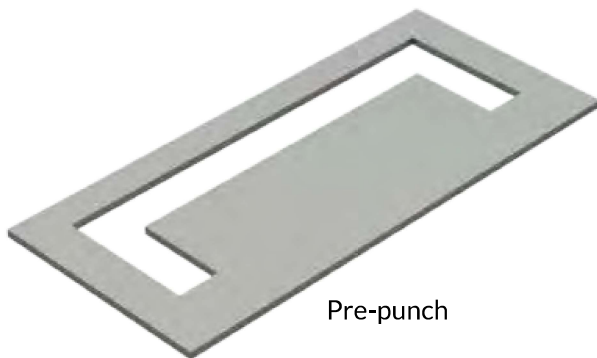
APPLICATION	ADVANTAGES	INFORMATION NEEDED
<p>The tapping tool allows you to create high precision threads at any programmed location on the sheet.</p> <ul style="list-style-type: none">• Able to tap in flat or extruded holes.• Quick change tapping modules.• Scratch-free machining	<ul style="list-style-type: none">• Fast! Tap a hole or an extruded hole with every machine stroke, up to 20 holes per minute.• Works on a wide range of material.• Stock size pitch inserts and taps are available for fast delivery.	<ul style="list-style-type: none">• Machine model• Material thickness and type• Pitch and tap size



See this tool in action on the
Wilson Tool YouTube Channel

APPLICATION	ADVANTAGES	INFORMATION NEEDED
The rolling de-burring tool eliminates the secondary operation of removing burrs from your parts..	<ul style="list-style-type: none"> • Quickly and efficiently de-burrs your parts while on the machine. • Eliminates costly secondary operations. • Coins a small chamfer on the cut edge top and bottom of the sheet. • Can be used to de-burr nested parts. • Adjust ball pressure without disassembling the tool. 	<ul style="list-style-type: none"> • Machine model • Material thickness and type

OPTI-BEND



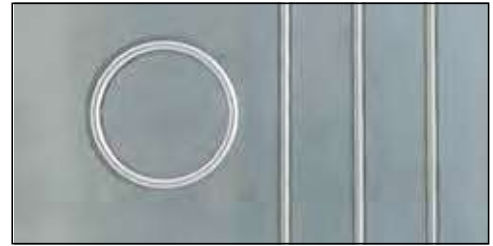
APPLICATION	ADVANTAGES	INFORMATION NEEDED
<p>Opti-Bend allows you to achieve exceptionally high bends (up to 90°) in your punch press, eliminating costly time-consuming secondary operations in a press brake.</p> <p>It is possible to achieve 3° over bend.</p>	<ul style="list-style-type: none"> • Performs up to 90° bends on a punch press with neutral pull on the sheet (won't pull out of clamps). • Special rotating cam design minimizes sheet marking on soft or high polished materials. • Available in single hit or progressive styles. • Can be run on a small range of material. • Allows multiple bending in a machine. 	<ul style="list-style-type: none"> • Machine model • Material thickness and type • Dimensional drawing or electronic file



APPLICATION	ADVANTAGES	INFORMATION NEEDED
Zip-Tech lance is achieved in three operations: 1. Pre-punch - round hole 2. Pre-punch - T-shape hole 3. Zip-Tech Lance and Form	Fabricates snaps to join metal parts together. Different types of materials of the same thickness can be joined together. Eliminate time consuming and labor intensive welding and grinding operations, spot welding or other fastening methods.	<ul style="list-style-type: none">• Machine model• Material thickness and type



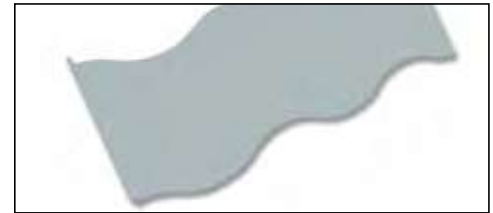
ROLLING FLARE



ROLLING RIB



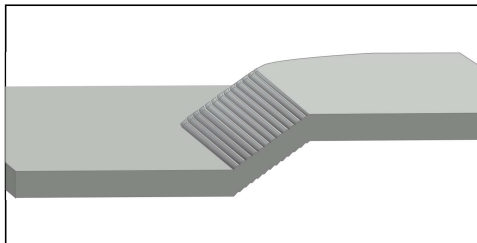
ROLLING OFFSET



ROLLING SHEAR



ROLLING PINCHER



ROLLING FORGE

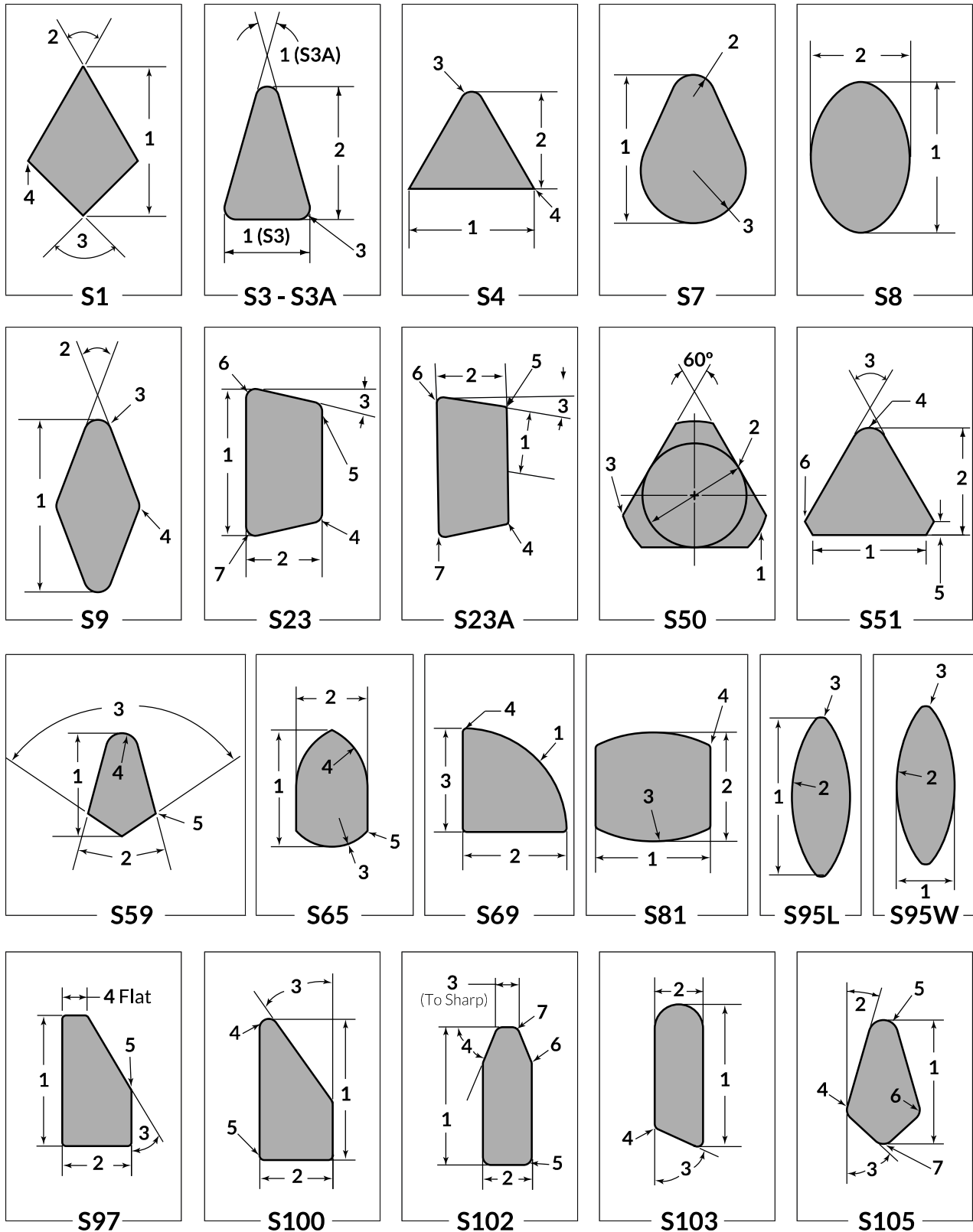


APPLICATION	ADVANTAGES	INFORMATION NEEDED
<p>The Wilson Wheel family of products offers you flexible, high speed production of slits, ribs and offsets on a wide range of materials with virtually no burrs or nibble marks.</p> <p>Create curves, arcs and circles</p>	<ul style="list-style-type: none"> • High speed - equal to programmed table travel speed. • Virtually no burrs or nibble marks on sheet. • Eliminate scrap with rolling shear and pincher. • Replacement forming wheels available. • Available in form-up or form-down. • Works on a wide range of material. • Wheel tools can start or end anywhere on the sheet. • Stock sizes available for fast delivery. 	<ul style="list-style-type: none"> • Machine model • Material thickness and type • Define fabrication needs



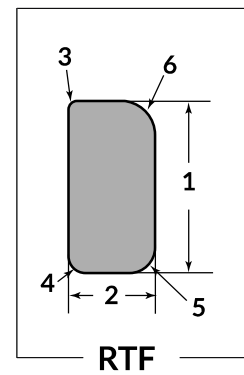
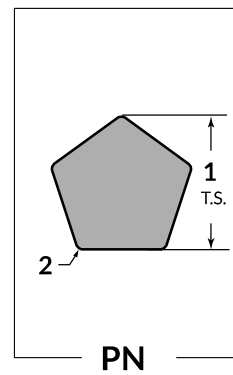
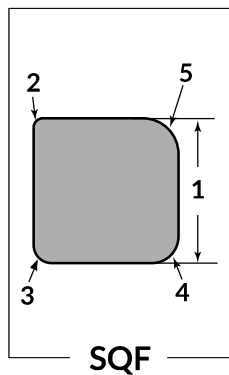
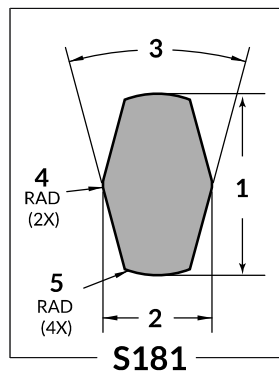
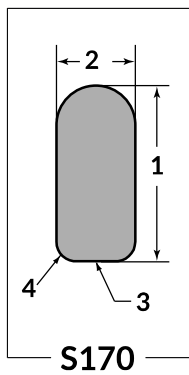
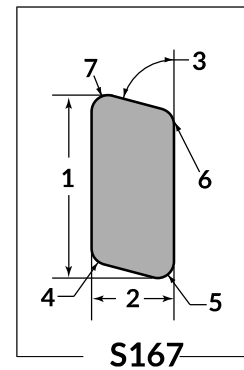
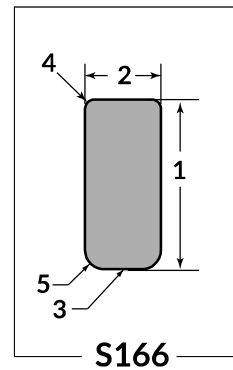
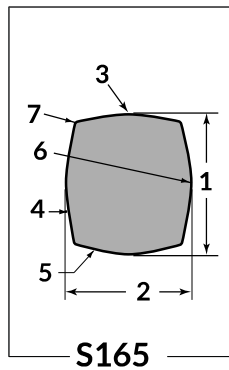
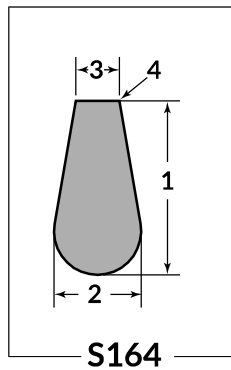
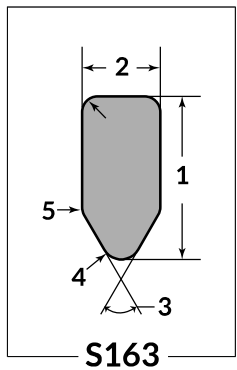
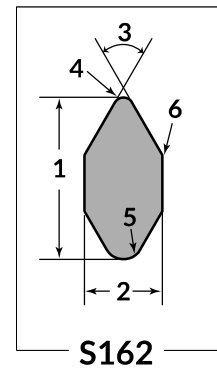
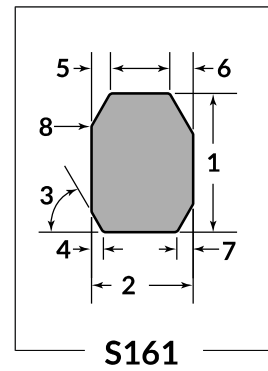
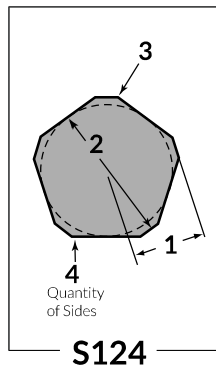
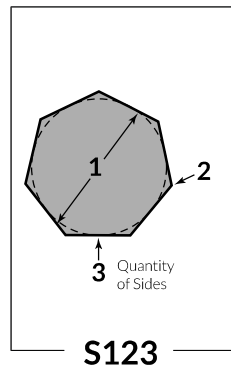
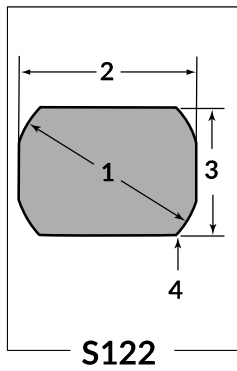
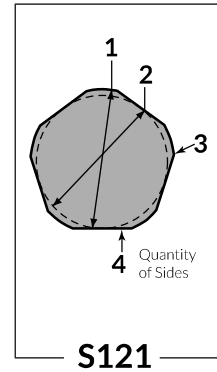
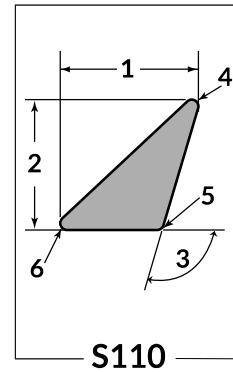
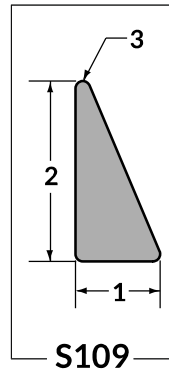
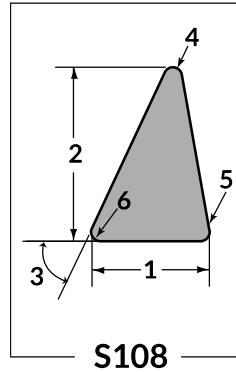
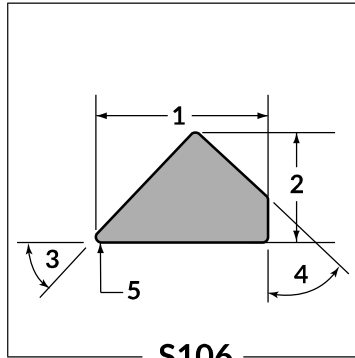
See this tool in action on the
Wilson Tool YouTube Channel

GROUP 'A'



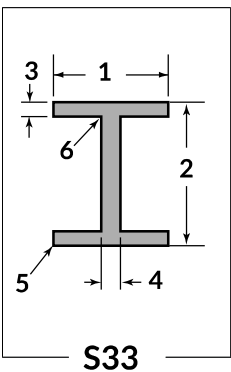
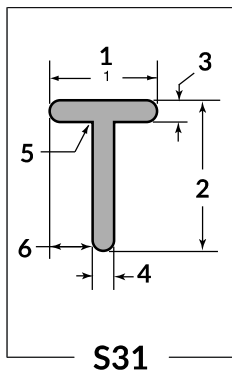
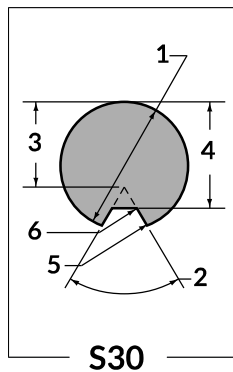
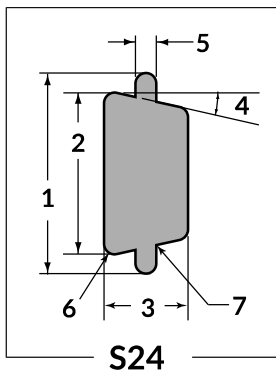
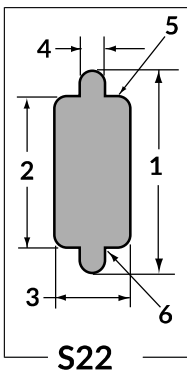
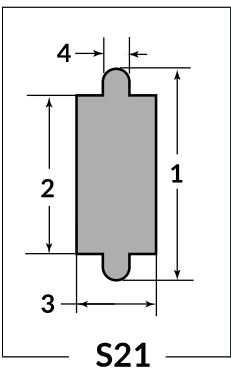
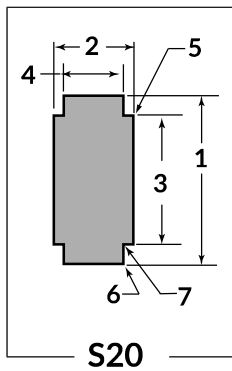
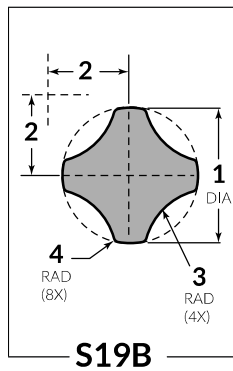
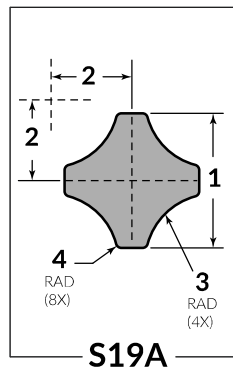
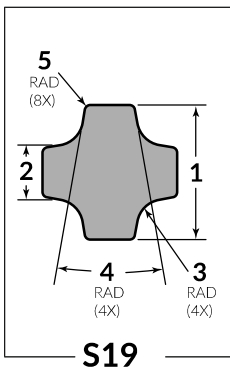
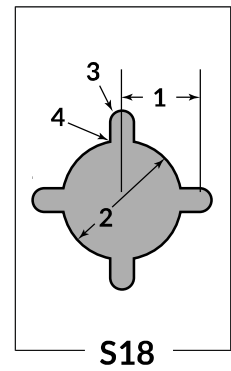
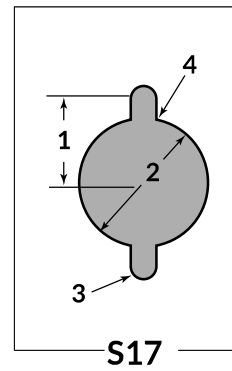
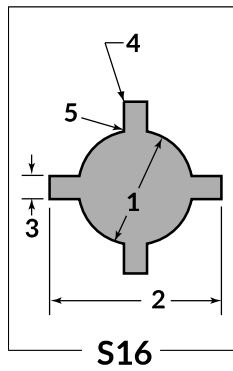
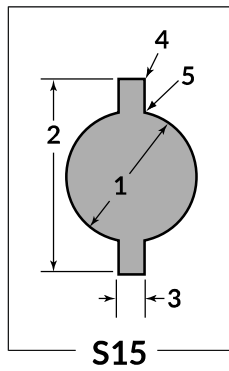
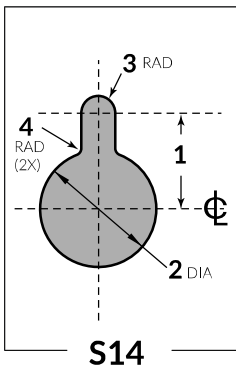
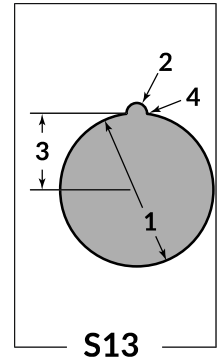
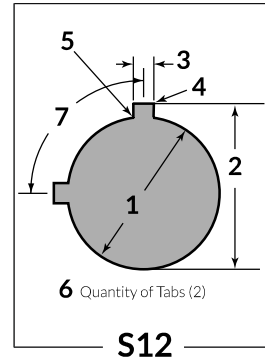
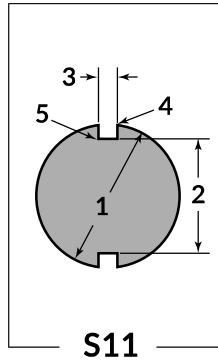
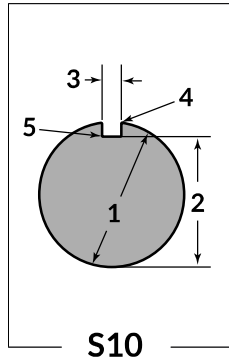
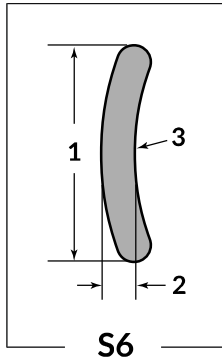
NOTE: Special considerations may alter price and lead time.

GROUP 'A'



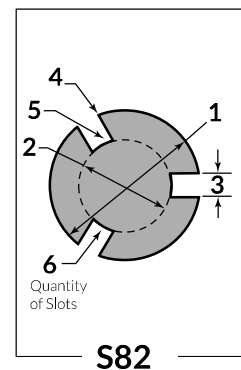
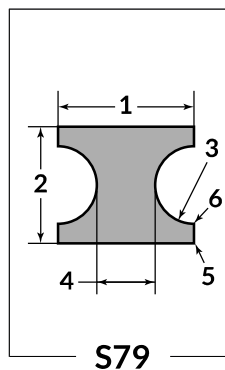
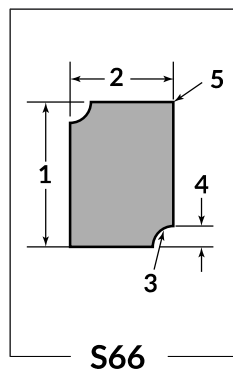
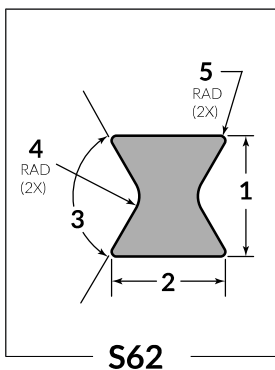
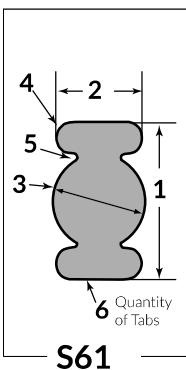
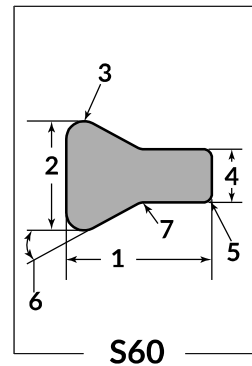
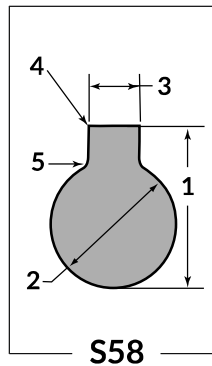
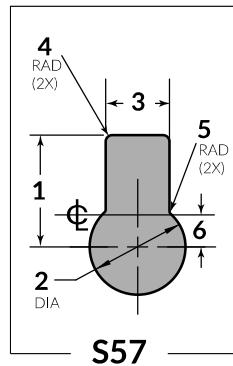
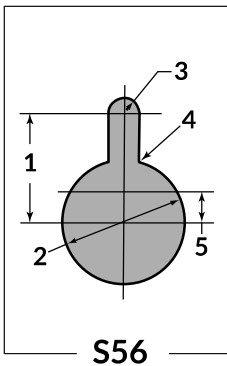
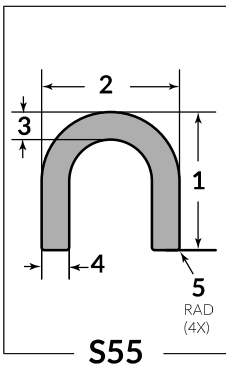
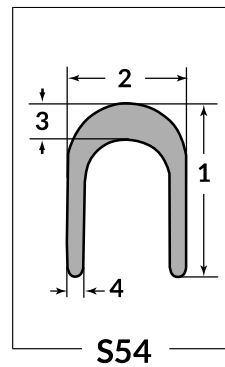
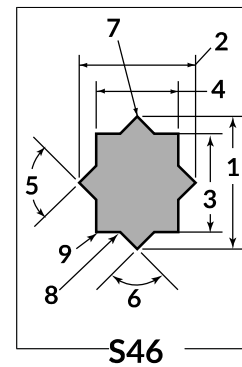
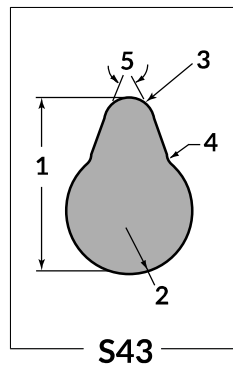
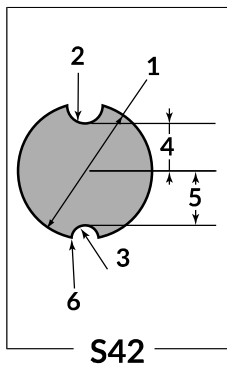
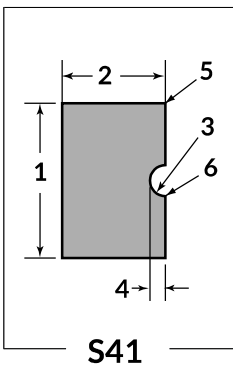
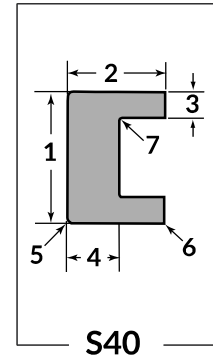
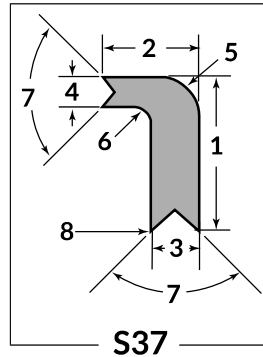
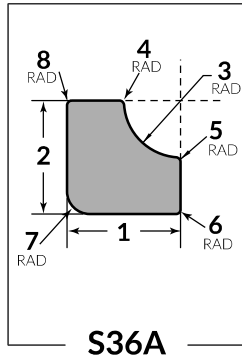
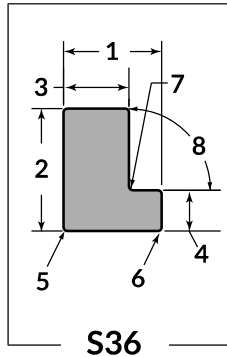
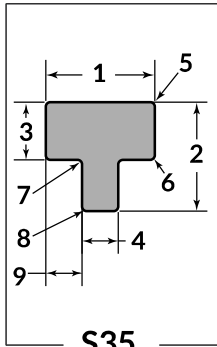
NOTE: Special considerations may alter price and lead time.

GROUP 'B'



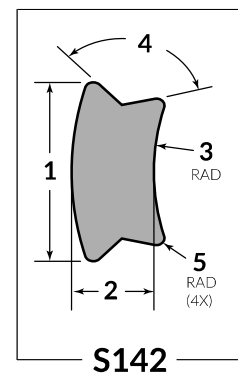
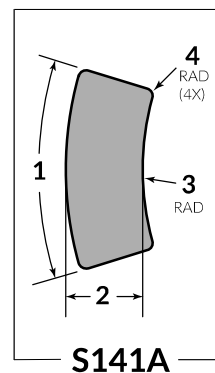
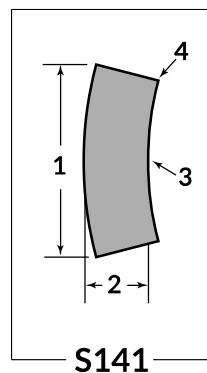
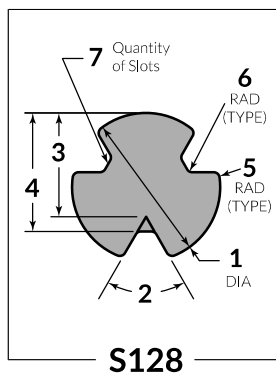
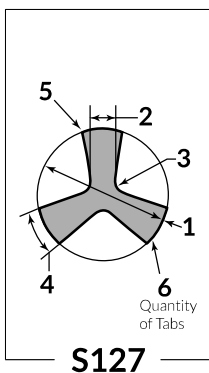
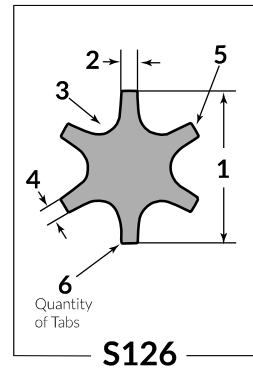
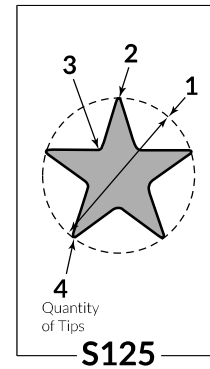
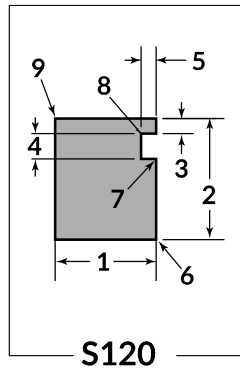
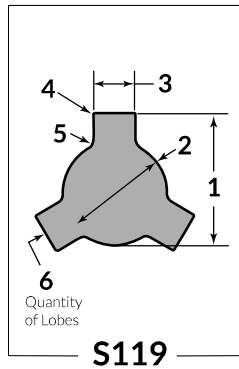
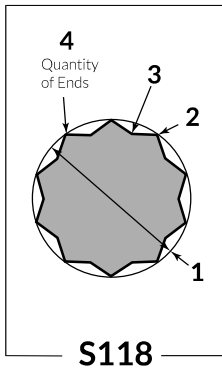
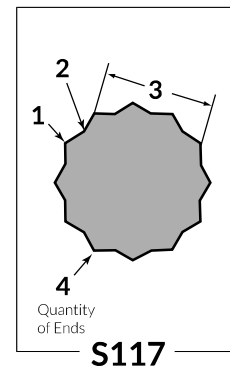
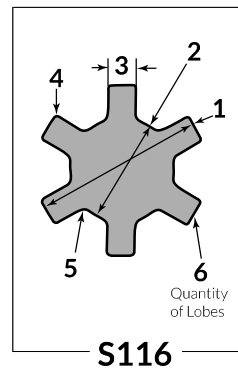
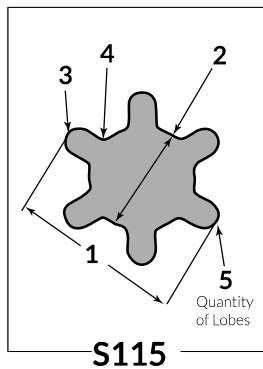
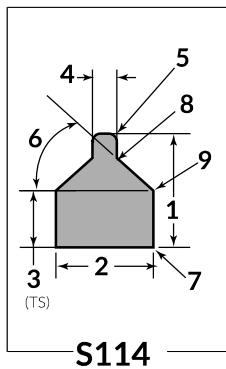
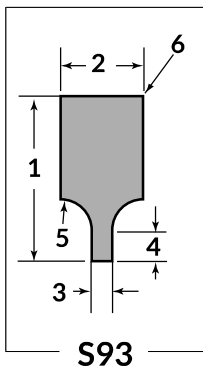
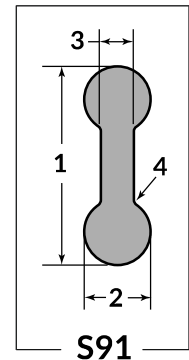
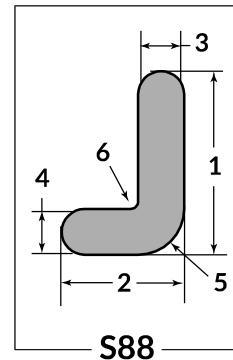
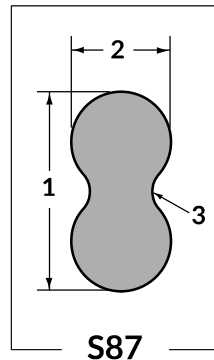
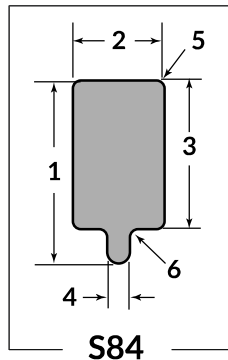
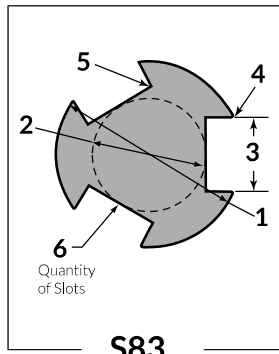
NOTE: Special considerations may alter price and lead time.

GROUP 'B'



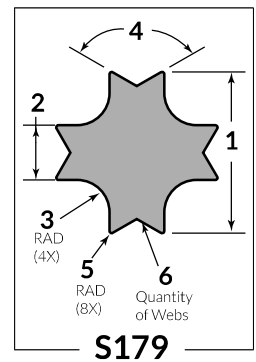
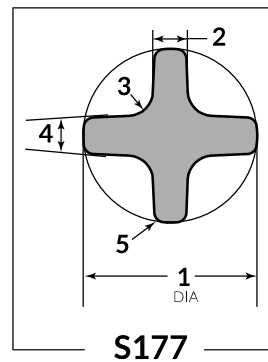
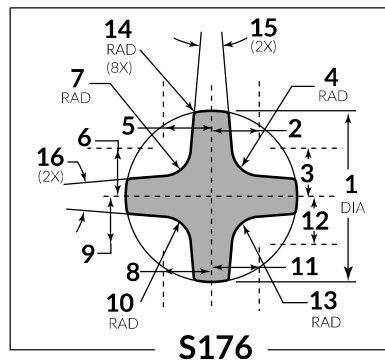
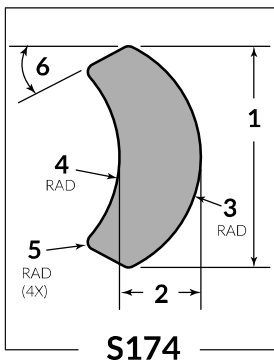
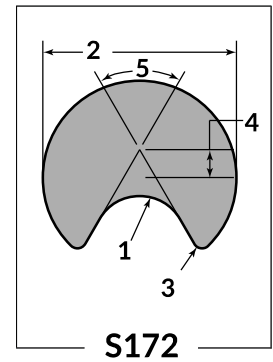
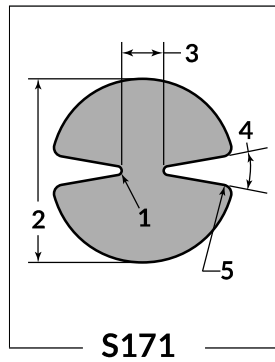
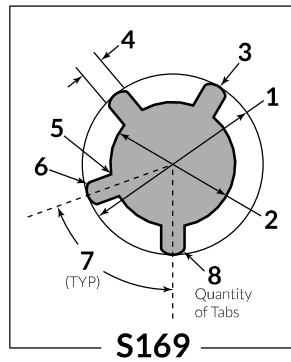
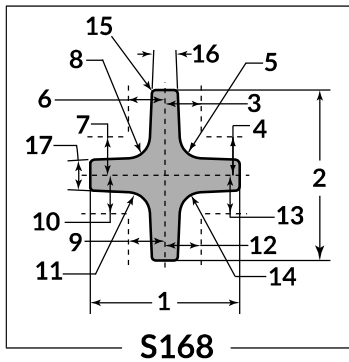
NOTE: Special considerations may alter price and lead time.

GROUP 'B'



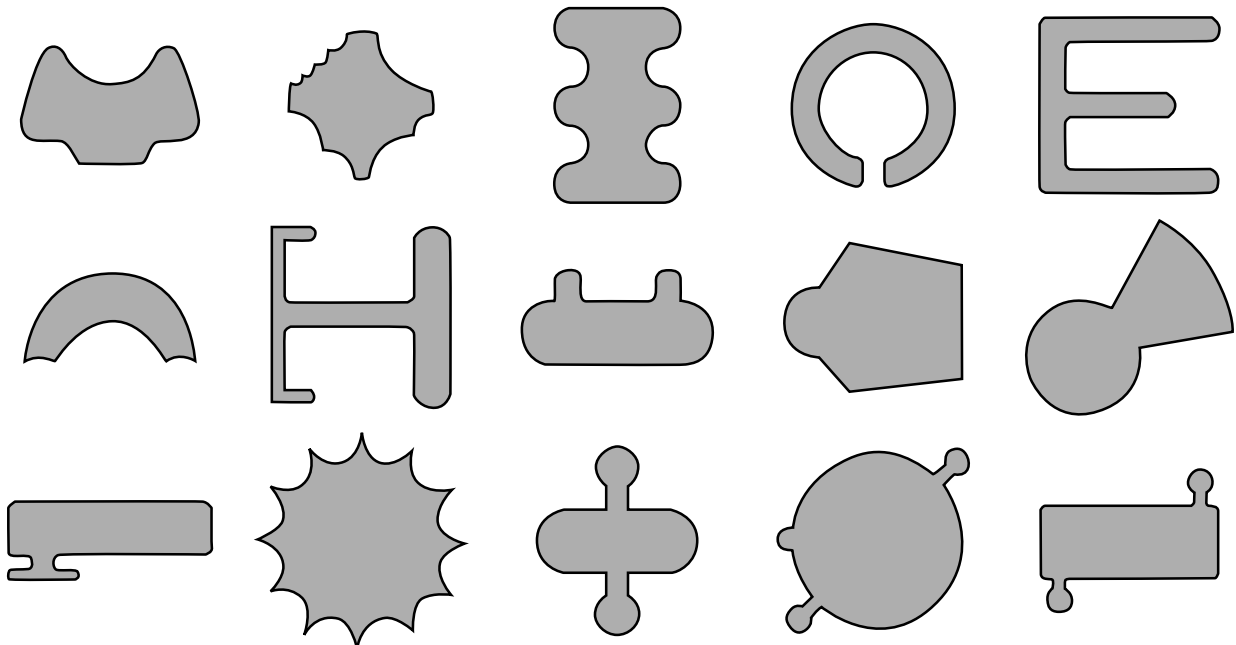
NOTE: Special considerations may alter price and lead time.

GROUP 'B'



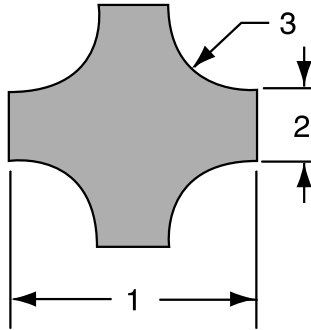
NOTE: Special considerations may alter price and lead time.

GROUP 'C'



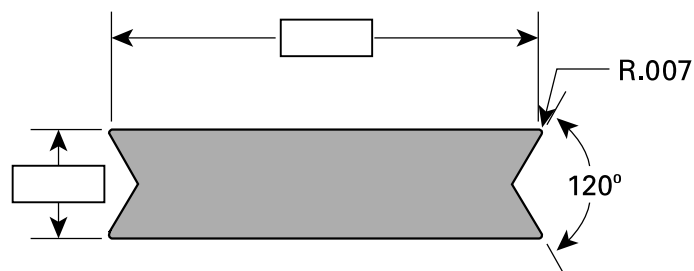
Any complex 2D shape ordered with a DXF file will be priced as a "B" Group.
Electronic file will be validated at the time of ordering.

4-WAY RADIUS TOOLS - STANDARD SIZES



RADIUS INCHES/MM	DIM. 1 INCHES/MM	DIM. 2 INCHES/MM	DIM. 3 INCHES/MM
.062 [1.58]	.500 [1.58]	.250 [6.35]	.062 [1.58]
.094 [2.39]	.625 [2.39]	.250 [6.35]	.094 [2.39]
.125 [3.18]	.625 [3.18]	.250 [6.35]	.125 [3.18]
.156 [3.96]	.750 [3.96]	.250 [6.35]	.156 [3.96]
.188 [4.78]	.750 [4.78]	.250 [6.35]	.188 [4.78]
.250 [6.35]	.875 [6.35]	.250 [6.35]	.250 [6.35]
.312 [7.93]	1.000 [7.93]	.250 [6.35]	.312 [7.93]
.375 [9.53]	1.125 [9.53]	.250 [6.35]	.375 [9.53]
.500 [12.7]	1.250 [12.7]	.250 [6.35]	.500 [12.7]

INVERTED DIAMOND



MAGNET SQUARE

Press Brake Compatible
Punch Press Compatible



ON/OFF work holding magnet
150 lb [70 kg] of hold force.
Size: [30MM] Square

Cat. No. 974150

SOFT FACE HAMMER

Press Brake Compatible
Punch Press Compatible



Polyurethane dead-blow hammer.
Steel pellets inside hammer head
impact a split second after the
hammer face, reducing rebound.

Cat. No. 6106

OIL STONE

Press Brake Compatible
Punch Press Compatible



3 sqare aluminum oxide sharpening stone.

Cat. No. 6060

DIAMOND FILE

Press Brake Compatible
Punch Press Compatible



Industrial file plated with finely selected
diamond powder. Can be used on
hardened tool steel.

Cat. No. 6059

METRIC HEX KEY WRENCH SET

Press Brake Compatible
Punch Press Compatible



Metric 9 piece long arm set.
Contains 1.5x77, 2x83, 2.5x90,
3x98, 4x106, 5x118, 6x137,
8x156, and 10x170mm.

Cat. No. 6105

SAE HEX KEY WRENCH SET

Press Brake Compatible
Punch Press Compatible



Imperial 13 piece set. Contains .050",
1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32",
3/16", 7/32", 1/4", 5/16" and 3/8".

Cat. No. 6057

RUBBERIZED ABRASIVE WHEEL

Press Brake Compatible
Punch Press Compatible



- For removing galling
- Measuring range 0 - 6"
- Accuracy to 0.001"

Cat. No. 8050

The compact size of the Digital Cube allows you to quickly read bend angles of work material.

- Real time display of angle comparison.
- Magnets on three sides
- Self rotating display for 180° readings.

.....
Cat. No. 974119



DIGITAL ANGLE CUBE

Press Brake Compatible

.....
Punch Press Compatible

Lightweight, easy-to-use, highly accurate protractors measure angles from 0° to 360°.

- Accuracy: +/- .01 degrees.
- Set angles in .05 degree increments
- Front locking lever to hold the arm position.

A hold function and reverse reading capability.

.....
Cat. No. 980065



DIGITAL PROTRACTOR SET

Press Brake Compatible

.....
Punch Press Compatible

- Compact size with spring loaded jaw mechanism
- Accuracy to 0.002"
- Readings in millimeters, inches and fractions

.....
Cat. No. 974117



DIGITAL THICKNESS GAUGE

Press Brake Compatible

.....
Punch Press Compatible

Xcel 1 Liter Spray Bottle

Cat. No. 24315

.....
Xcel 5 Liter Concentrate

Cat. No. 24316



SHEET LUBRICANT

Press Brake Compatible

.....
Punch Press Compatible

Cutting oil allows for faster cutting of difficult alloys while providing an excellent finish and extends tool life. Sample size bottle.

.....
Cat. No. 6941



CUT-MAX 570

Press Brake Compatible

.....
Punch Press Compatible

1 Quart [.95Liter] capacity enamel steel sprayer with adjustable plastic nozzle.

.....
Cat. No. 6120



SURE SHOT SPRAYER

Press Brake Compatible

.....
Punch Press Compatible

ALIGNMENT FIXTURE

The fixture can take all types of Trumpf-style collars: Size I, Size II, Minimatic-style, Heavy Duty, Manual, plus forming tools that do not have integral collars.
Can be used for flat and whisper-style punches.
Suitable for Trumpf, Pullmax, Omes, Euromac, Kunz and Boschert machines.
Angle settings of 0° -45° -90°.
Accurate, portable and durable.



DESCRIPTION	CAT. NO.
Alignment Fixture	24186

CARTRIDGE & DIE PLATE

Designed to enhance punch press productivity.
Lightweight, durable alternative to plasticor steel cartridges.
Constructed of 6061 T6 aluminum.



Magnetic Pad



A-Plus



Die Plate

DESCRIPTION	CAT. NO.
Trumpf Cartridge	26838
Trumpf A-Plus Cartridge*	26836
Trumpf GL Die Plate	26731
Cartridge Magnetic Pad (single)	26235
Cartridge Magnetic Pad (5 pack)	26259

* Compatible with Tool Master System

INSERTION TOOL

This tool is used to load punch and stripper in to the cartridge.



DESCRIPTION	CAT. NO.
Insertion Tool	25566

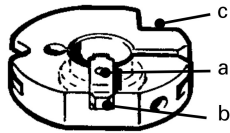
MAGNETIC ID PAD

Magnetic pad used to mark tooling.

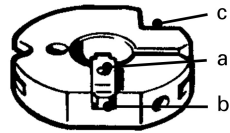


www.wilsontool.com

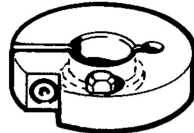
DESCRIPTION	CAT. NO.
2-4-1 Magnetic ID Pad	26657
2-4-1 Magnetic ID Pad (10 pack)	26687
2-4-1 Magnetic ID Pad - laser marked with punch detail	



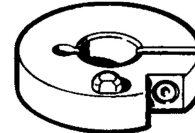
1



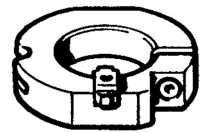
2



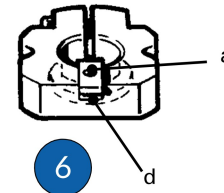
3



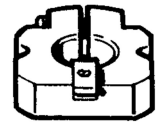
4



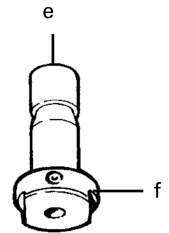
5



6



7

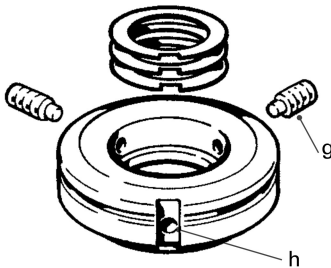


ALIGNMENT COLLARS		
SIZE	DESCRIPTION	CAT. NO.
I	1 Auto-tool change machine groups E/F/G/H/I	25018
II to III	2 Auto-tool change machine groups E/F/G/H/I	25139
I	3 Manual tool change machine groups A/B/C/D	25197
II to III	4 Manual tool change machine groups A/B/C/D	25198
I to II	5 For heavy duty punch	25138
I	6 For machine group S	25186
II to III	7 For machine group S	25188

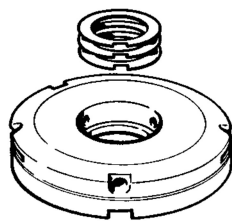
DESCRIPTION	CAT. NO.
a Screw (M3 x 12)	25215
b Locating Key	25019
c Adjustment Bolt (M6 x 35)	970453
d Locating Key	25209
e M 14 Set Screw	25212
f M 6 Set Screw	25213

PUNCH CHUCKS		
SIZE	DESCRIPTION	CAT. NO.
0	.000 - .236" [0 - 6.00 mm]	25010
0	.237 - .413" [6.01 - 10.5 mm]	25021
Not recommended for punching stainless steel		

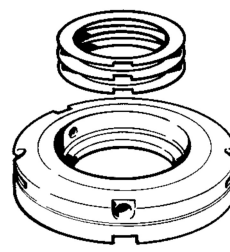
TRUMPF DIE & STRIPPER ADAPTERS, DIE SHIMS



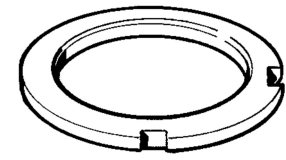
8



9



10



11

DESCRIPTION	CAT. NO.
g Dowel Pin (M8 x 12mm)	6717
h Screw (M8 x 12mm)	970398

TRUMPF DIE & STRIPPER ADAPTERS, DIE SHIMS		
SIZE	DESCRIPTION	CAT. NO.
I to II	8 Die Adapter, machine groups F/H/I	25165
I to III	9 Die Adapter, machine groups E & G	25168
I to III	10 Die Adapter, machine groups E & G	25167
I to III	11 Stripper Adapter, machine group G	25155
I	Shim Pack for size I Dies *	25181
II	Shim Pack for size II Dies *	25182
* Includes 1 each of .5 and .3 shims & 2 each of .1mm thick shims		

TOOL STORAGE CABINET

972669 STANDARD CONFIGURATION:

- 3 drawers 100 mm deep (12 compartments each)
- 4 drawers 150 mm deep (open layout)
- Able to hold cartridges

971092 8-DRAWER CONFIGURATION:

- 7 drawers
 - 12 compartments 6 X 8" [152 X 203mm] each
 - 3-1/8" [79mm] usable height (depth)
- 1 drawer
 - 16 compartments 6 X 6" [152 X 152mm] each
 - 7-1/16" [179mm] usable height (depth)

Cabinet includes ribbed rubber mat and lock with 2 keys.

Overall Dimensions:

- 42" high x 28" wide x 29" deep
- 107 cm high x 71 cm wide x 74 cm deep



CABINET	CAT. NO
Cartridge Cabinet	972669
Tooling Cabinet	971092
OPTIONS	CAT. NO
Plastic Drawer Liners	90002
Mobile Base	90003
Maple Top	90004
Cart Handle (1)	90005
Ribbed Rubber Mat	90006

SHEAR GRINDING FIXTURE

- Easy to adjust angle setting for shear grinding.
- Can be used with your existing surface grinder.
- Easy to use instruction sheet with grinding tips.



STD & HP FIXTURE & COMPONENTS

DESCRIPTION	CAT. NO.
Shear Grinding Fixture	6034
Size 1 & 2 Punch Holder	6089
Size 1 Die Holder	25365
Size 2 Die Holder	25366
MT4 Punch Holder	25302
MT4 Die Holder	25304
MT6 Punch Holder	25303
MT6 Die Holder	25305
MT5 Punch Holder	25935
MT5 Die Holder	25936
MT10 Punch Holder	26004
MT10 Die Holder	26021

DESCRIPTION	CAT. NO.
230 V 3 Phase 30 Amp Grinder	6854
230 V 3 Phase 30 Amp Grinder - Enclosed	6938
460 V 3 Phase 20 Amp Grinder	6855
460 V 3 Phase 20 Amp Grinder - Enclosed	6939
1/2 Gallon Coolant Mix	6856
5 Gallon Coolant Mix	6857
Coolant Filter Pack [50 Sheets]	6858
6" Replacement CBN Wheel	6859
Production Coolant Filtration System	6860
Replacement Filter Roll for Filtration System	6861
Magnetic Chuck with Mounting Ring	6998



PUNCH AND DIE GRINDER

This fully enclosed punch and die grinder includes an integral mist collection unit and provides full containment of the grinding area vs. the standard open air containment shrouding.

- 5 hp spindle motor with CBN grinding wheel.
- Dual coolant application. Coolant is supplied both externally and through the spindle for maximum heat removal while grinding.
- Regrind punches up to 10° angle.
- Simple fixturing design. Allows for quick, easy loading and unloading of parts
- Heavy-duty three-jaw chuck standard with auxiliary magnetic chuck.
- Small footprint. At 40" x 48" [101 x 122 cm]

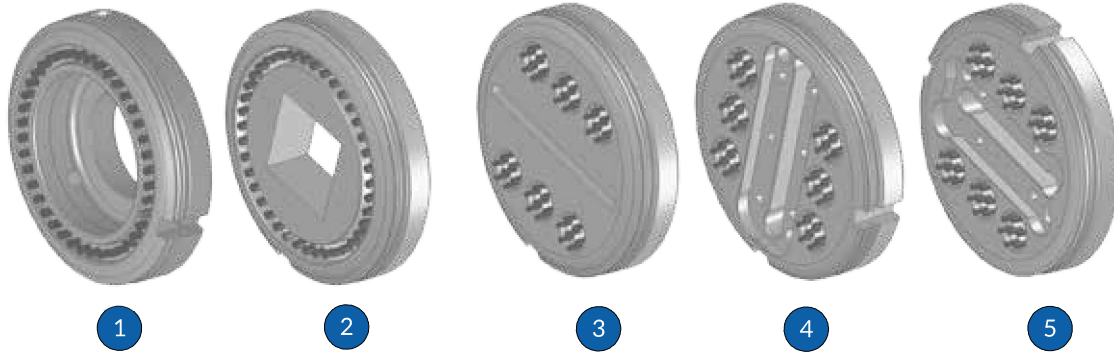
DESCRIPTION	CAT. NO.
DCM Mini PDG Grinder	6950
1/2 Gallon Coolant Mix	6856
5 Gallon Coolant Mix	6857
Coolant Filter Pack [50 Sheets]	6858
6" Replacement CBN Wheel	6859
DCM Mini Shear Grind Sine Plate	6951
Magnetic Chuck	6952



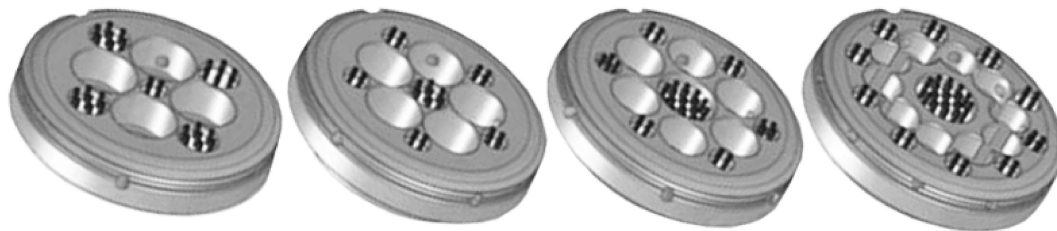
MINI PUNCH AND DIE GRINDER

An efficient and economical solution for sharpening turret and punch press tooling.

- Rigid z-axis column with dovetail ways.
- Cast iron base.
- Accepts 6" diameter grinding wheel.
- Recirculating coolant system with paper filter media.
- Standard 3 jaw chuck workholding fixture.
- Optional fixturing for angled tool sharpening.
- 1.5 horsepower 3600 RPM grinding spindle motor.
- Heavy-duty three-jaw chuck standard with auxiliary magnetic chuck.
- Small footprint. At 33" x 17" x 60"
- Weight 800 lbs.



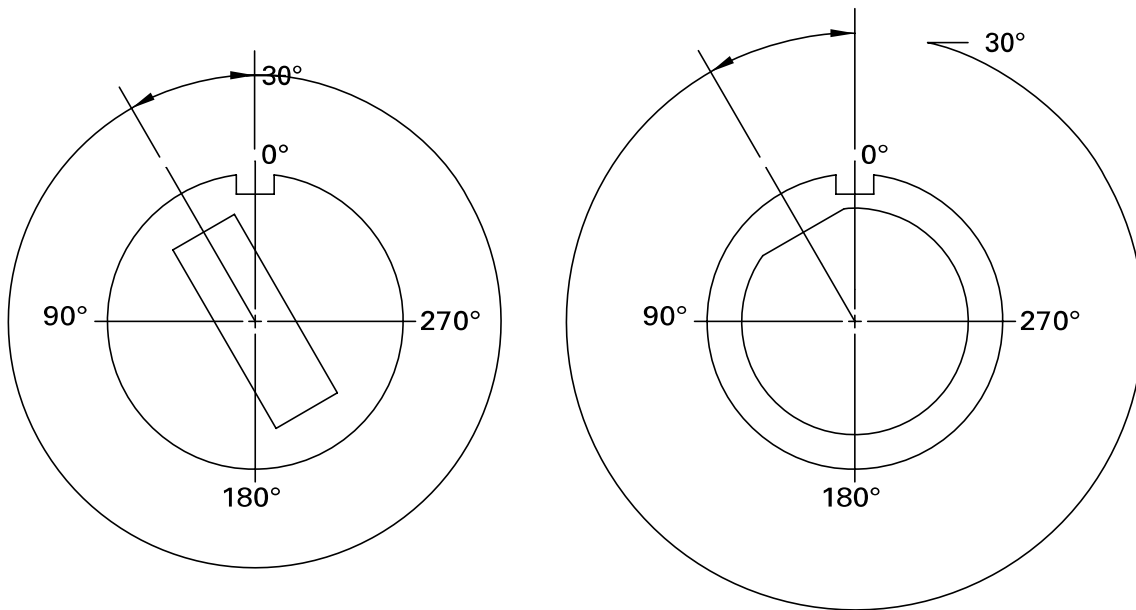
BRUSH DIES		
	DESCRIPTION	CAT. NO.
	Size 1 to 2 Brush Die Adapter	25939
1	Brush Ring Insert	25945
	Brush Ring Shim Pack	25948
2	Size 2 Brush Die [56mm max. 'A' Dim.]	26025
3	Size 2 Brush Die [10mm max. width]	26037
4	Parting Tool Brush Die [76mm max.]	25942
5	Parting Tool Brush Die [56mm max.]	25941



MULTI-TOOL BRUSH DIES		
	DESCRIPTION	CAT. NO.
MT4	[1 x 10mm, 4 x 15mm]	25930
MT5	[1 x 10mm, 4 x 15mm]	26026
MT6	[1 x 10mm, 4 x 15mm]	25931
MT10	[1 x 10mm, 4 x 15mm]	26027

REPLACEMENT BRUSH INSERTS & BRUSH SHIMS		
	10mm Brush Insert	25924
	15mm Brush Insert	25925
	24mm Brush Insert	25926
	10mm Brush Insert Pack [1 x .1mm, 1 x .3mm]	25927
	15mm Brush Insert Pack [1 x .1mm, 1 x .3mm]	25928
	24mm Brush Insert Pack [1 x .1mm, 1 x .3mm]	25929

KEYING FOR NON-ROTATIONAL MACHINES



WILSON TOOL INTERNATIONAL

WORLD HEADQUARTERS

Wilson Tool International - United States

Tel (Free): 800-328-9646 | Tel: 651-286-6001
Fax (Free): 800-222-0002 | Fax: 651-286-5959
Email: sales@wilsontool.com

NORTH AMERICA

Wilson Tool - Canada

Punching and Stamping Division
Tel: 800-268-5573 | Fax: 800-668-9314
Email: punching@wilsontoolcanada.com

Wilson Tool - Canada

Press Brake Division
Tel: 800-268-4180 | Fax: 905-840-1032
Email: bending@wilsontoolcanada.com

Wilson Tool - Mexico

Tel: 52 (81) 8865-4820 | Fax: 52 (81) 8865-4599
Email: america-latina@wilsontool.com

SOUTH AMERICA

Wilson Tool - Argentina

Tel: +54 114 799 6519
Email: ventassudamerica@wilsontool.com

Milling Ferramentas - Brazil

Tel/Fax: 55 11 5621-2100
Email: vendas@milling.com.br

CHINA / PACIFIC RIM

Wilson Tool - China

Tel: +86 21 51089638 | Fax: +86 21 64422195
Email: sales@wilsontool.cn

EUROPE / MIDEAST / AFRICA

Wilson Tool - United Kingdom

Tel (Free): 0800-373748 | Tel: +44 1793 831818
Fax (Free): 0800-373758 | Fax: +44 1793 831945 or 46
Email: sales@wilsontool.eu.com

Wilson Tool - Germany

Tel (Free): 00800-9457668665 | Tel: +49 5723 747 0
Fax (Free): 00800-945766329 | Fax: +49 5723 747 10
Email: verkauf@wilsontool.eu.com

Wilson Tool - Denmark

Tel (Free): 80 20 20 24 | Tel: +45 44 53 1699
Fax (Free): 80 20 20 26 | Fax: +45 44 53 0607
Email: sales@wilsontool.dk

Wilson Tool - France

Tel: +33 (0) 164 13 47 80 | Fax: +33 (0) 164 13 47 81
Email: ventes@wilsontool.eu.com

Toolspress - Italy

Tel: +39 0521 850510 / 850677
Fax: +39 0521 850796
Email: info@toolspress.com