



WILSON HIGH PERFORMANCE™ THICK TURRET TOOLING

Punching
Made Easy



EXPERIENCE THE UNBEATABLE PERFORMANCE OF WILSON HP™

- Patented push button technology, which is side-mounted for easy access and quick in-machine adjustment
- Quick release stripper plate retention makes changing tools fast and easy
- Optima® coated keys for superior wear resistance
- Maximum available grind life
- Up to 50% more bearing surface, reducing side loading
- Made from hardened tool steel for increased durability
- External keyways at 0°, 90° and 135°
- Achieves angles of 0°, 90°, 135°, 180°, 270° and 315°
- Ultima tool steel available on HP punches & dies
- Replaceable stripper plate (small station)
- Built-in oiling system (large station)
- Optima coated punches and dies available
- Push button lock release for quick stripper plate removal (large station)
- In machine punch adjustment for faster set-ups
- Fast and accurate tool length adjustment in .005 increments with no tools or buttons (HP2)
- Increased punch length adjustment (HP2)
- 100% compatible with current Wilson HP guides and punches
- Allows operators to adjust punch length **in the turret** (HP2)





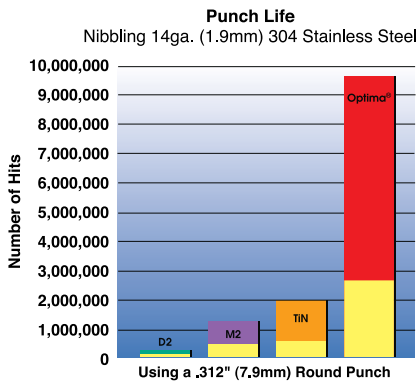
Improve Wear Resistance with Optima®

Every Wilson HP Thick Turret Tooling is available with Wilson's exclusive Optima® coating. Developed by Wilson engineers, Optima provides a surface hardness, wear resistance and lubricity unmatched by any other coated or uncoated turret punch press tooling. The result is a longer tool life, more hits between sharpenings, reduced galling, better performance and less downtime.

Wilson HP™ Thick Turret tooling: Loaded with value.

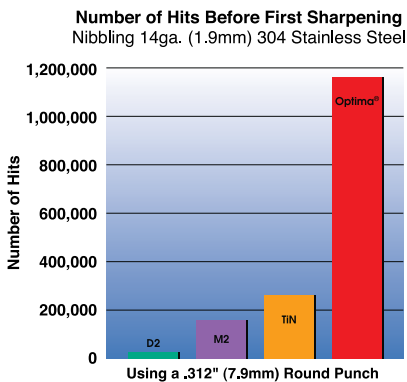
- Longer tool life
- Increased wear resistance
- More hits between sharpenings
- Reduced adhesion (galling)
- Reduced slug pulling
- Reduced corner breakdown
- Improved special tooling performance
- Lower overall tooling costs
- In-house coating facilities allow us to deliver faster and maintain total quality control

Punch Life

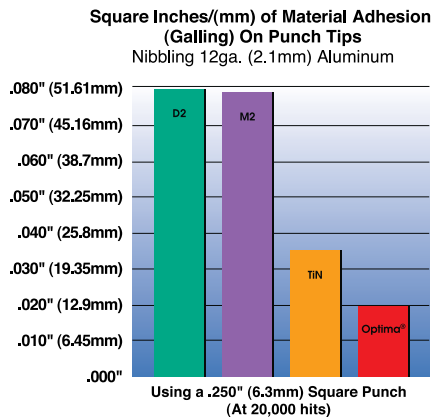


The yellow area indicates actual results achieved through three tool sharpenings of .010" (0.25mm) each. The complete graph indicates projected results with a total of .236" (6mm) removed for sharpening.

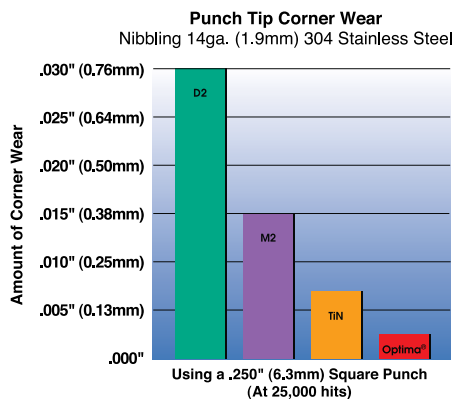
Number of Hits



Material Adhesion



Tip Wear



Improve Durability and Performance with Ultima™

Available exclusively from Wilson Tool, Ultima™ Premium Tool Steel increases sharpening intervals by up to 100% over conventional tool steels. Ultima punches and dies experience significantly less chipping, cracking and tool fatigue, dramatically reducing downtime and minimizing tool replacement costs.

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ROUND PUNCH
Cat. No. 13904



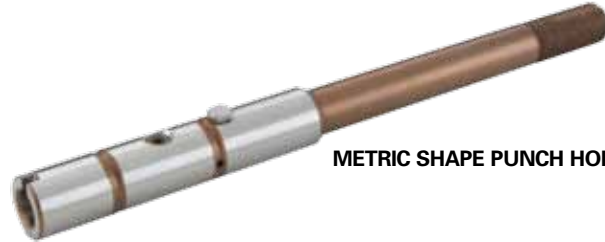
HP ROUND PUNCH HOLDER



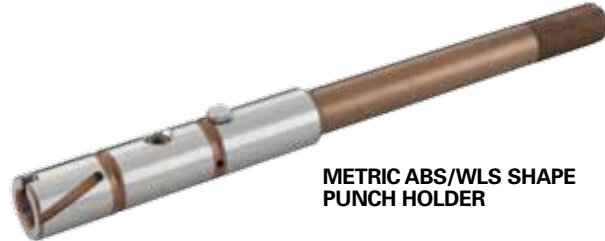
HP ABS/WLS ROUND PUNCH HOLDER



STANDARD SHAPE PUNCH HOLDER



METRIC SHAPE PUNCH HOLDER



METRIC ABS/WLS SHAPE PUNCH HOLDER



ULTRA PUNCH HOLDER

DESCRIPTION	CAT. NO.	PRICE
PUNCHES		
• Round	13904	
• Shape Fitted	13905	
• Optima® Add On	-	
DESCRIPTION	CAT. NO.	PRICE
PUNCH HOLDER ASSEMBLIES		
• HP Round	13974	
• HP Shape Fitted	13975	
• HP ABS/WLS Round	13976	
• HP ABS/WLS Shape Fitted	13906	
• Standard Round	13977	
• Standard Shape Fitted	13947	
• Metric Round	13978	
• Metric Shape Fitted	13979	
• Metric ABS/WLS Round	13980	
• Metric ABS/WLS Shape Fitted	13939	
• Ultra	15535	



Local
Tel: 651-286-6001
Fax: 651-286-5959

Toll Free U.S.A. & Canada
Tel: 800-328-9646
Fax: 800-222-0002

Toll Free Mexico
Tel: 001-800-741-2510
Fax: 001-800-544-2096

Website & Email
www.wilsontool.com
salesdesk@wilsontool.com



HP SHAPE PUNCH HOLDER



HP ABS/WLS SHAPE PUNCH HOLDER



STANDARD SHAPE PUNCH HOLDER



METRIC SHAPE PUNCH HOLDER



METRIC ABS/WLS SHAPE PUNCH HOLDER



ULTRA PUNCH HOLDER



PUNCH SHAPE
Cat. No. 13917

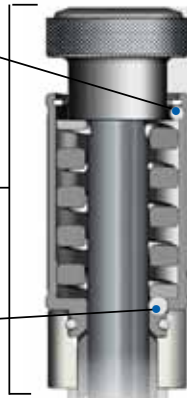
DESCRIPTION	CAT. NO.	PRICE
PUNCHES		
• Round	13916	
• Shape Fitted	13917	
• Optima® Add On	-	
DESCRIPTION	CAT. NO.	PRICE
PUNCH HOLDER ASSEMBLIES		
• HP Round	13988	
• HP Shape Fitted	13989	
• HP ABS/WLS Round	13990	
• HP ABS/WLS Shape Fitted	13918	
• Standard Round	13991	
• Standard Shape Fitted	13972	
• Metric Round	13992	
• Metric Shape Fitted	13993	
• Metric ABS/WLS Round	13994	
• Metric ABS/WLS Shape Fitted	13964	
• Ultra	15537	

HP2

BALL BEARING
3mm Dia
Cat. No. 972744

HP2 DRIVER ASSEMBLY
Cat. No. 13735

BALL BEARING
3mm Dia
Cat. No. 972744



STANDARD HP™

ADJ. PUNCH HEAD WITH SCREW
Cat. No. 1802

SOCKET HEAD SET SCREW CONE PT.
(M6-1 X 6mm)
Cat. No. 6297 ea.

DRIVER ASSEMBLY
Cat. No. 2455

PUNCH DRIVER
Cat. No. 2388

O-RING
Cat. No. 2282

INDEX PIN
(.091/2.31mm long)
Cat. No. 6873

RETAINING RING
(ball-lock design)
Cat. No. 6853

DOWEL PIN
(Replacement-Round Only)
(3/16 x .312)
Cat. No. 6013

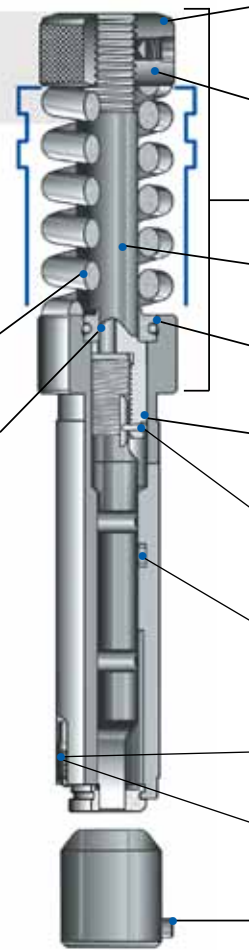
BALL PLUNGER
(M4 x 0.7)
Cat. No. 8053

PRESS FIT BALL PLUNGER
Cat. No. 972391

DOWEL PIN
(3/16 x .312)
Cat. No. 6013

SPRING
Cat. No. 1803

SPRING RETAINER WITH O-RING
Cat. No. 1804



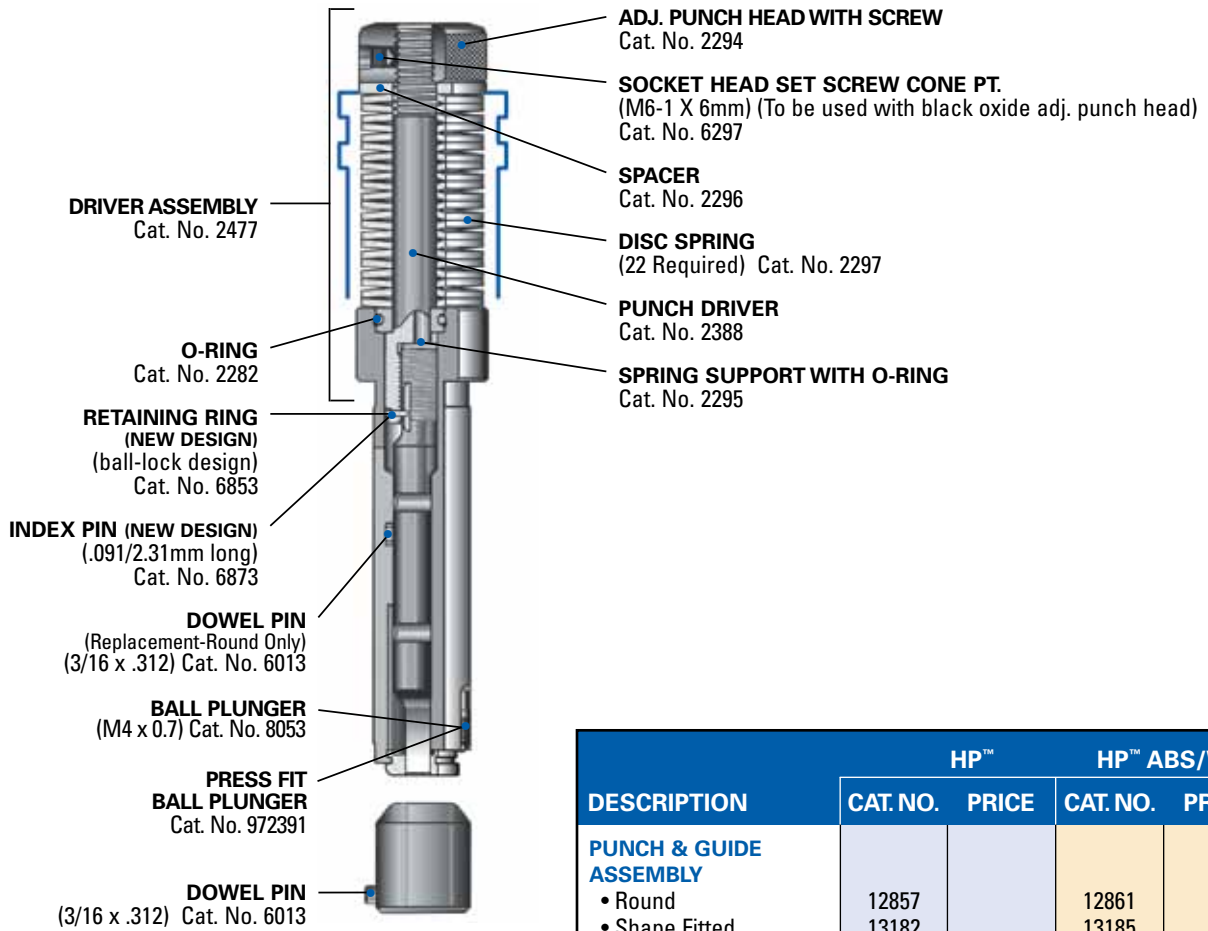
(Up to 12.7mm)
Max Mat'l Thickness .150" (3.81mm)

DESCRIPTION	HP2		HP2 ABS/WLS	
	CAT. NO.	PRICE	CAT. NO.	PRICE
PUNCH & GUIDE ASSEMBLY				
• Round	13767		13770	
• Shape Fitted	13769		13772	
DESCRIPTION	HP™		HP™ ABS/WLS	
	CAT. NO.	PRICE	CAT. NO.	PRICE
PUNCH & GUIDE ASSEMBLY				
• Round	12781		12793	
• Shape Fitted	13137		13146	
• Optima® Add On	—		—	
PUNCHES				
• Round	2405		2385	
• Shape	2406		2389	
• Optima® Add On	—		—	
GUIDES				
• Round	2821		2835	
• Shape (0°)	2822		2836	
• Shape (0° & 45°)	2903		2907	
• Shape (0° & 90°)	2904		2908	
STRIPPER PLATES				
• Round	13044		13045	
• Shape Fitted	13143		13152	
DIES				
• Round Slug Hugger®*	2192		2192	
• Round Standard	1808		1808	
• Shape Slug Hugger® 2*	12959		12959	
• Shape Positive	1817		1817	
• Shape Negative	1818		1818	

NOTES

- Std. keying for square guides is 0° & 45°.
- For HP™ Station Add ons go to page 16.
- Ultima™ Premium Tool Steel is available on punches and dies. Contact sales desk for pricing and availability.
- * Slug Hugger® dies must be ordered punch size plus clearance, .098 (2.49mm) min. dia. on rounds, .060 (1.53mm) min. width on shapes, .006 (0.15mm) min. total clearance (patented).

(Up to 12.7mm)
Maximum Material Thickness .250" (6.35mm)



NOTES	
<ul style="list-style-type: none"> Std. keying for square guides is 0° & 45°. For HP™ Station Add ons go to page 16. Ultima™ Premium Tool Steel is available on punches and dies. Contact sales desk for pricing and availability. 	
<p>* Slug Hugger® dies must be ordered punch size plus clearance, .098 (2.49mm) min. dia. on rounds, .060 (1.53mm) min. width on shapes, .006 (0.15mm) min. total clearance (patented).</p>	

DESCRIPTION	HP™		HP™ ABS/WLS®	
	CAT. NO.	PRICE	CAT. NO.	PRICE
PUNCH & GUIDE ASSEMBLY				
• Round	12857		12861	
• Shape Fitted	13182		13185	
• Optima® Add On	–		–	
PUNCHES				
• Round	2405		2385	
• Shape	2406		2389	
• Optima® Add On	–		–	
GUIDES				
• Round	2821		2835	
• Shape (0°)	2822		2836	
• Shape (0° & 45°)	2903		2907	
• Shape (0° & 90°)	2904		2908	
STRIPPER PLATES				
• Round	13044		13045	
• Shape Fitted	13143		13152	
DIES				
• Round Slug Hugger®*	2192		2192	
• Round Standard	1808		1808	
• Shape Slug Hugger® 2*	12959		12959	
• Shape Positive	1817		1817	
• Shape Negative	1818		1818	

HP2

STANDARD HP™

HP2 DRIVER ASSEMBLY
Cat. No. 13729



PUNCH DRIVER / HEAD
Cat. No. 13566

SPRING
Cat. No. 19530

O-RING
Cat. No. 2283

THREADED SPRING RETAINER WITH RING CLIP
Cat. No. 10043

PUNCH HEAD WITH SET SCREW
Cat. No. 13558

SET SCREW
Cat. No. 6206

PUNCH DRIVER ONLY
Cat. No. 13556

DRIVER ASSEMBLY
Cat. No. 2456

SPRING RETAINER WITH O-RING
Cat. No. 1824

RING CLIP
Cat. No. 10044

RETAINING RING (ball-lock design)
Cat. No. 2803

BALL BEARING (.187" Dia.)
Cat. No. 8016

INDEX PIN (.156/3.96mm long)
Cat. No. 6874

DOWEL PIN (3/16 x .500)
(Replacement-Round Only)
Cat. No. 2131

DOWEL PIN (ABS/WLS)
(3/16 x .312)
Cat. No. 6013

BALL PLUNGER (M6 x 1.0)
Cat. No. 8061

PRESS FIT BALL PLUNGER
Cat. No. 972391

DOWEL PIN (3/16 x .345)
Cat. No. 6431



DESCRIPTION	HP2		HP2 ABS/WLS	
	CAT. NO.	PRICE	CAT. NO.	PRICE
PUNCH & GUIDE ASSEMBLY				
• Round	13779		13782	
• Shape Fitted	13781		13784	
HP™ HP™ ABS/WLS®				
DESCRIPTION	CAT. NO.	PRICE	CAT. NO.	PRICE
PUNCH & GUIDE ASSEMBLY				
• Round	12827		12831	
• Shape Fitted	13167		13170	
• Optima® Add On	—		—	
PUNCHES				
• Round	2407		2398	
• Shape	2408		2399	
• Optima® Add On	—		—	
GUIDES				
• Round	2859		2881	
• Shape (0°)	2860		2882	
• Shape (0° & 45°)	2861		2883	
• Shape (0° & 90°)	2862		2884	
STRIPPER PLATES				
• Round	1890		2433	
• Shape Fitted	1917		2432	
DIES				
• Round Slug Hugger®*	2194		2194	
• Round Standard	2021		2021	
• Shape Slug Hugger® 2*	12961		12961	
• Shape Positive	2025		2025	
• Shape Negative	2026		2026	
• Shape (0° & 45°) Slug Hugger® 2*	12963		12963	
• Shape (0° & 45°) Pos.	2263		2263	
• Shape (0° & 45°) Neg.	2264		2264	

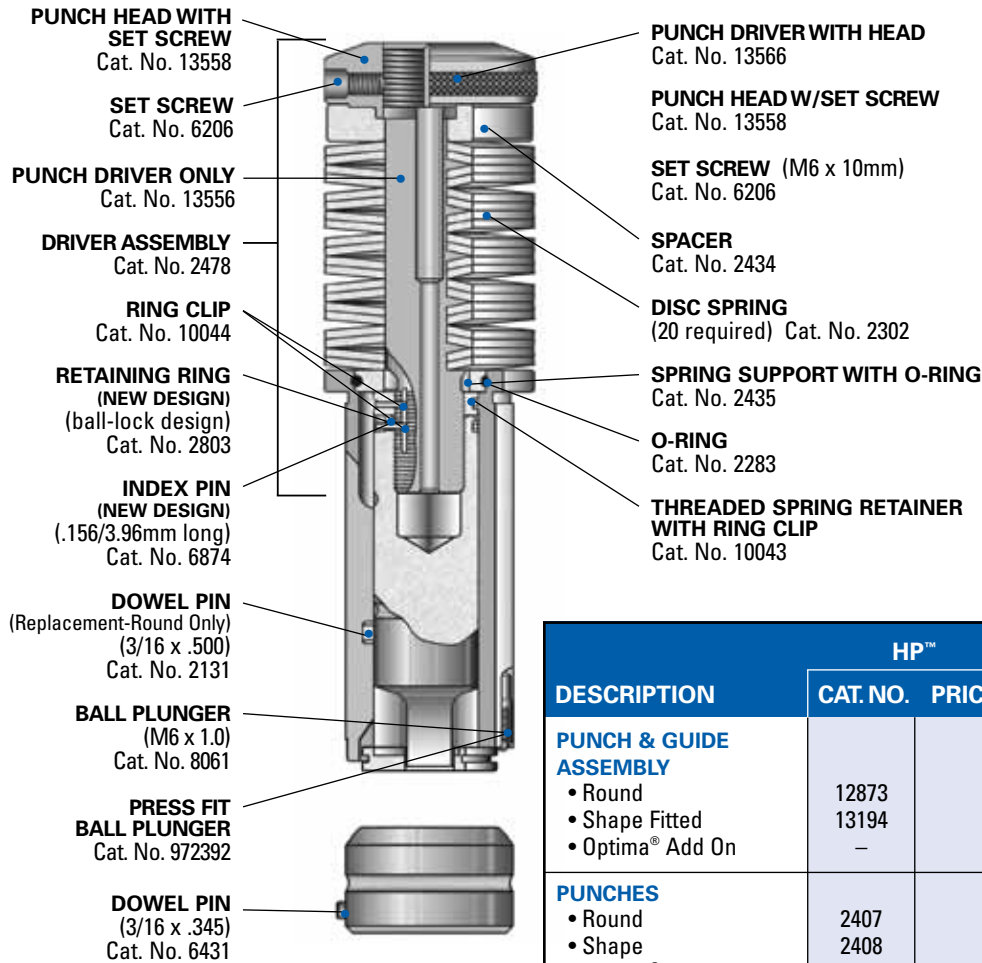
NOTES

- Std. keying for square guides is 0° & 45°.
- For HP™ Station Add ons go to page 16.
- Ultima™ Premium Tool Steel is available on punches and dies. Contact sales desk for pricing and availability.
- * Slug Hugger® dies must be ordered punch size plus clearance, .098 (2.49mm) min. dia. on rounds, .060 (1.53mm) min. width on shapes, .006 (0.15mm) min. total clearance (patented).

(12.71 - 31.75mm)
Maximum Material Thickness .250" (6.35mm)

(12.71 - 31.75mm)

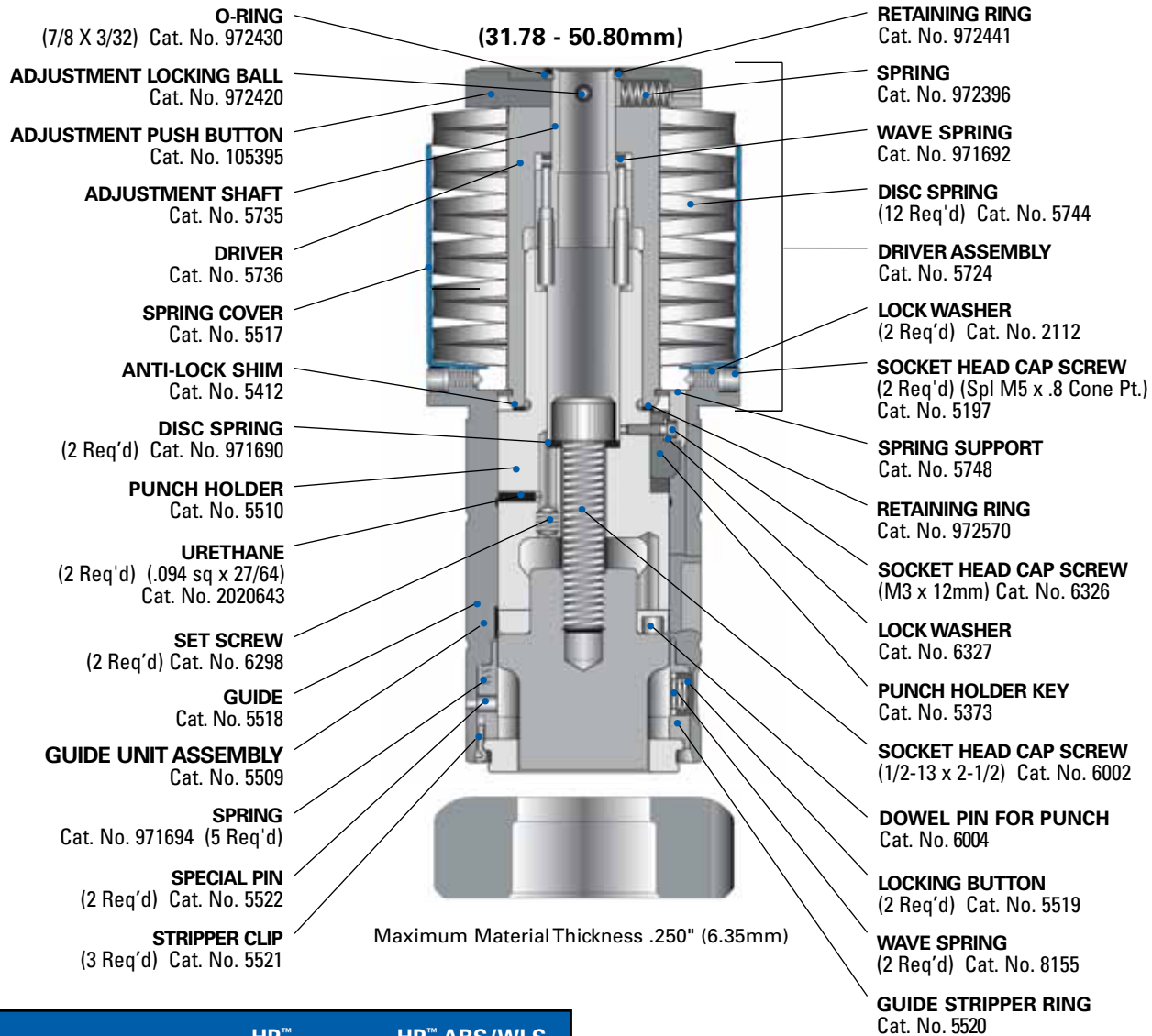
Maximum Material Thickness .312" (7.93mm)



DESCRIPTION	HP™		HP™ ABS/WLS®	
	CAT. NO.	PRICE	CAT. NO.	PRICE
PUNCH & GUIDE ASSEMBLY				
• Round	12873		12877	
• Shape Fitted	13194		13197	
• Optima® Add On	—		—	
PUNCHES				
• Round	2407		2398	
• Shape	2408		2399	
• Optima® Add On	—		—	
GUIDES				
• Round	2859		2881	
• Shape (0°)	2860		2882	
• Shape (0° & 45°)	2861		2883	
• Shape (0° & 90°)	2862		2884	
STRIPPER PLATES				
• Round	1890		2433	
• Shape Fitted	1917		2432	
DIES				
• Round Slug Hugger®*	2194		2194	
• Round Standard	2021		2021	
• Shape Slug Hugger® 2*	12961		12961	
• Shape Positive	2025		2025	
• Shape Negative	2026		2026	
• Shape (0° & 45°) Slug Hugger® 2*	12963		12963	
• Shape (0° & 45°) Pos.	2263		2263	
• Shape (0° & 45°) Neg.	22642264		2264	

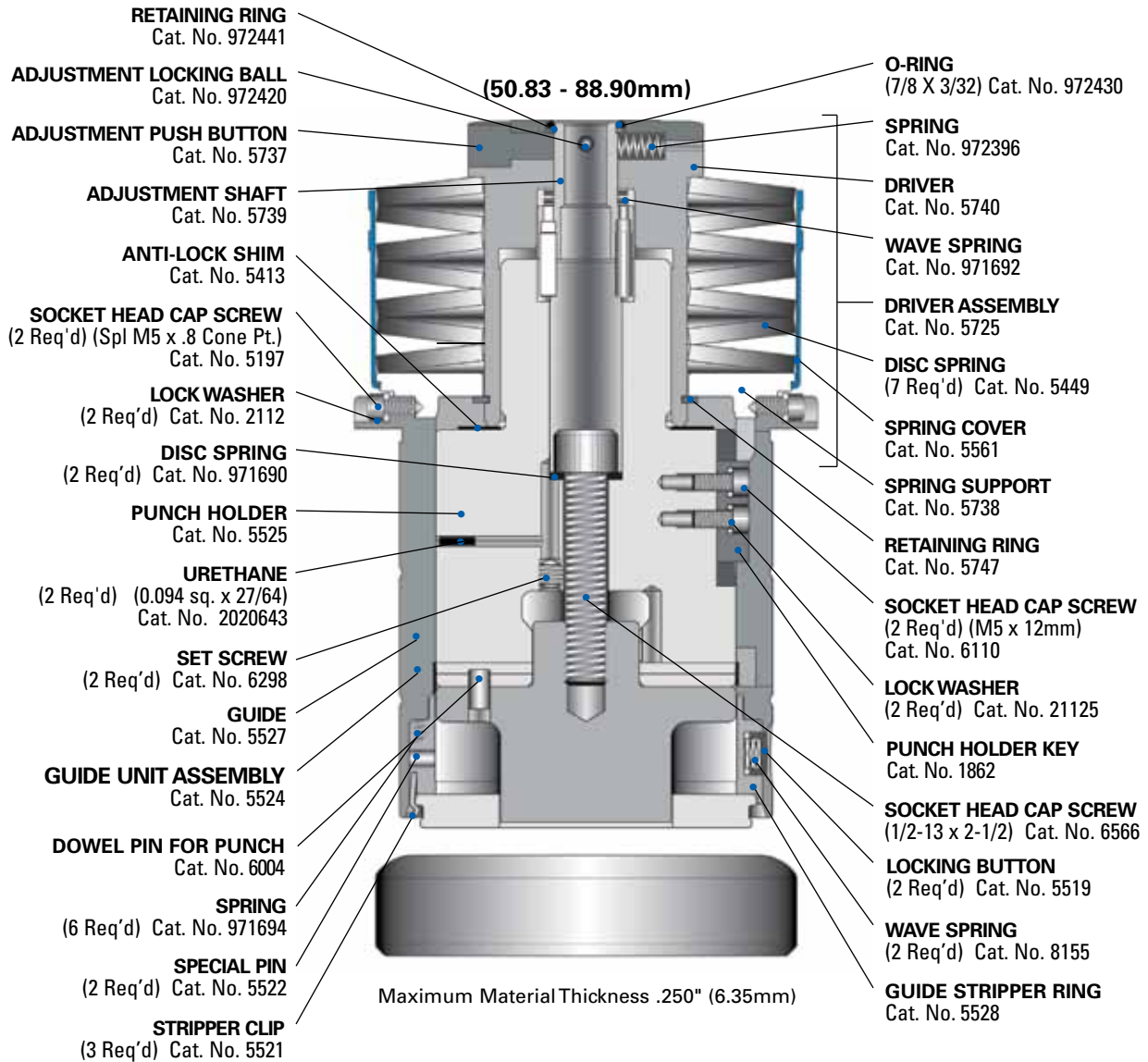
NOTES
<ul style="list-style-type: none"> • Std. keying for square guides is 0° & 45°. • For HP™ Station Add ons go to page 16. • Ultima™ Premium Tool Steel is available on punches and dies. Contact sales desk for pricing and availability. <p>* Slug Hugger® dies must be ordered punch size plus clearance, .098 (2.49mm) min. dia. on rounds, .060 (1.53mm) min. width on shapes, .006 (0.15mm) min. total clearance (patented).</p>

HP™ 2" (C) STATION



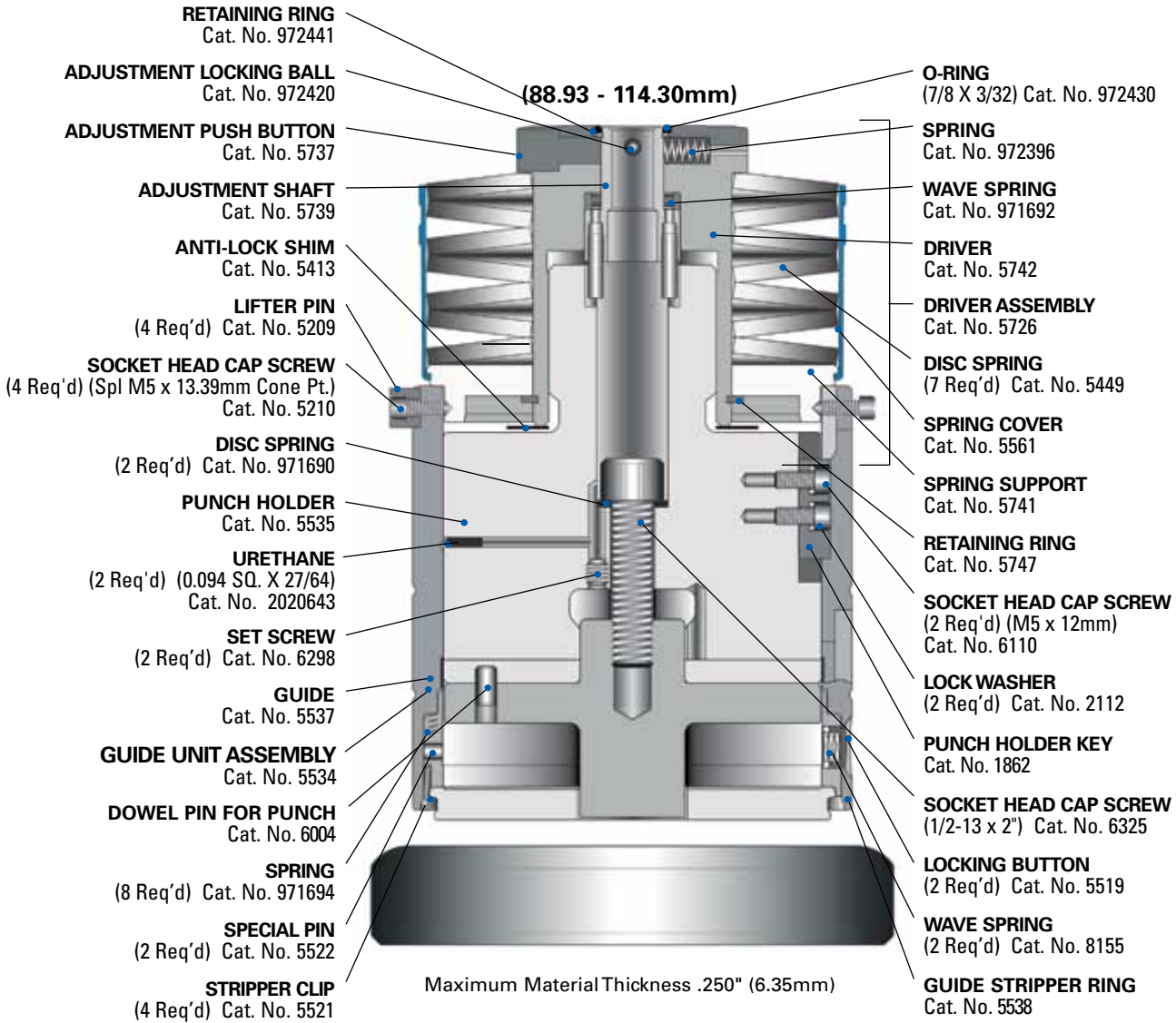
DESCRIPTION	HP™		HP™ ABS/WLS	
	CAT. NO.	PRICE	CAT. NO.	PRICE
GUIDE ASSEMBLY	5552		5508	
PUNCHES				
• Round	5026		5026	
• Shape	5025		5025	
• Optima® Add On	—		—	
STRIPPER PLATES				
• Round	1848		5150	
• Shape Fitted	1854		5151	
DIES				
• Round Slug Hugger®*	2196		2196	
• Round Standard	1850		1850	
• Shape Slug Hugger® 2*	12964		12964	
• Shape Positive	1855		1855	
• Shape Negative	1856		1856	

NOTES
<ul style="list-style-type: none"> HP™ Guide Assys. are keyed for shapes at 0°, 45°, 90°, 180°, 225°, 270°. All punches will be shipped with no shear unless specified. Heavy Duty Tooling is available for 2" (C) Stations. For HP™ Station Add ons go to page 16. Ultima™ Premium Tool Steel is available on punches and dies. Contact sales desk for pricing and availability. <p>* Slug Hugger® dies must be ordered punch size plus clearance, .060 (1.53mm) min. width on shapes, .006 (0.15mm) min. total clearance (patented).</p>



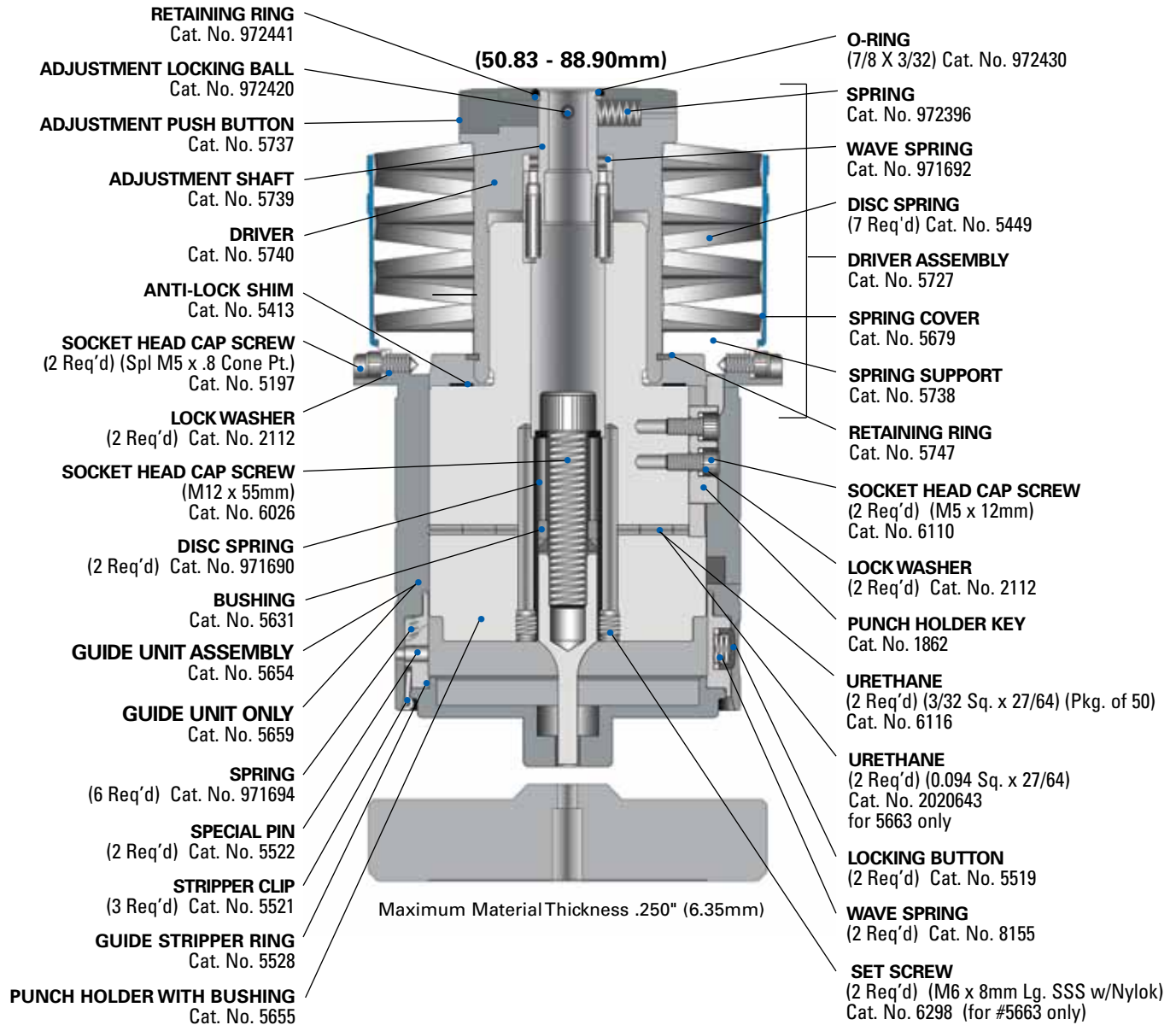
NOTES	HP™		HP™ ABS/WLS		
	DESCRIPTION	CAT. NO.	PRICE	CAT. NO.	PRICE
<ul style="list-style-type: none"> HP™ Guide Assys. are keyed for shapes at 0°, 45°, 90°, 180°, 225°, 270°. 1/16" (1.6mm) Rooftop shear is given to all punches with 'A' dimension† greater than 2.000 (50.8mm), and width greater than .250 (6.35mm), at no extra charge. All punches .250 (6.35mm) and under in width will be shipped with no shear unless specified. For HP™ Station Add ons go to page 16. † 'A' Dimension = Longest distance across shape. Ultima™ Premium Tool Steel is available on punches and dies. Contact sales desk for pricing and availability. * Slug Hugger® dies must be ordered punch size plus clearance, .060 (1.53mm) min. width on shapes, .006 (0.15mm) min. total clearance (patented). 	GUIDE ASSEMBLY	5553		5523	
	PUNCHES				
	• Round	5028		5028	
	• Shape	5027		5027	
	• Optima® Add On	–		–	
	STRIPPER PLATES				
	• Round	1864		5152	
	• Shape Fitted	1869		5153	
	DIES				
	• Round Slug Hugger®*	2198		2198	
• Round Standard	1865		1865		
• Shape Slug Hugger® 2*	12965		12965		
• Shape Positive	1870		1870		
• Shape Negative	1871		1871		

HP™ 4-1/2" (E) STATION



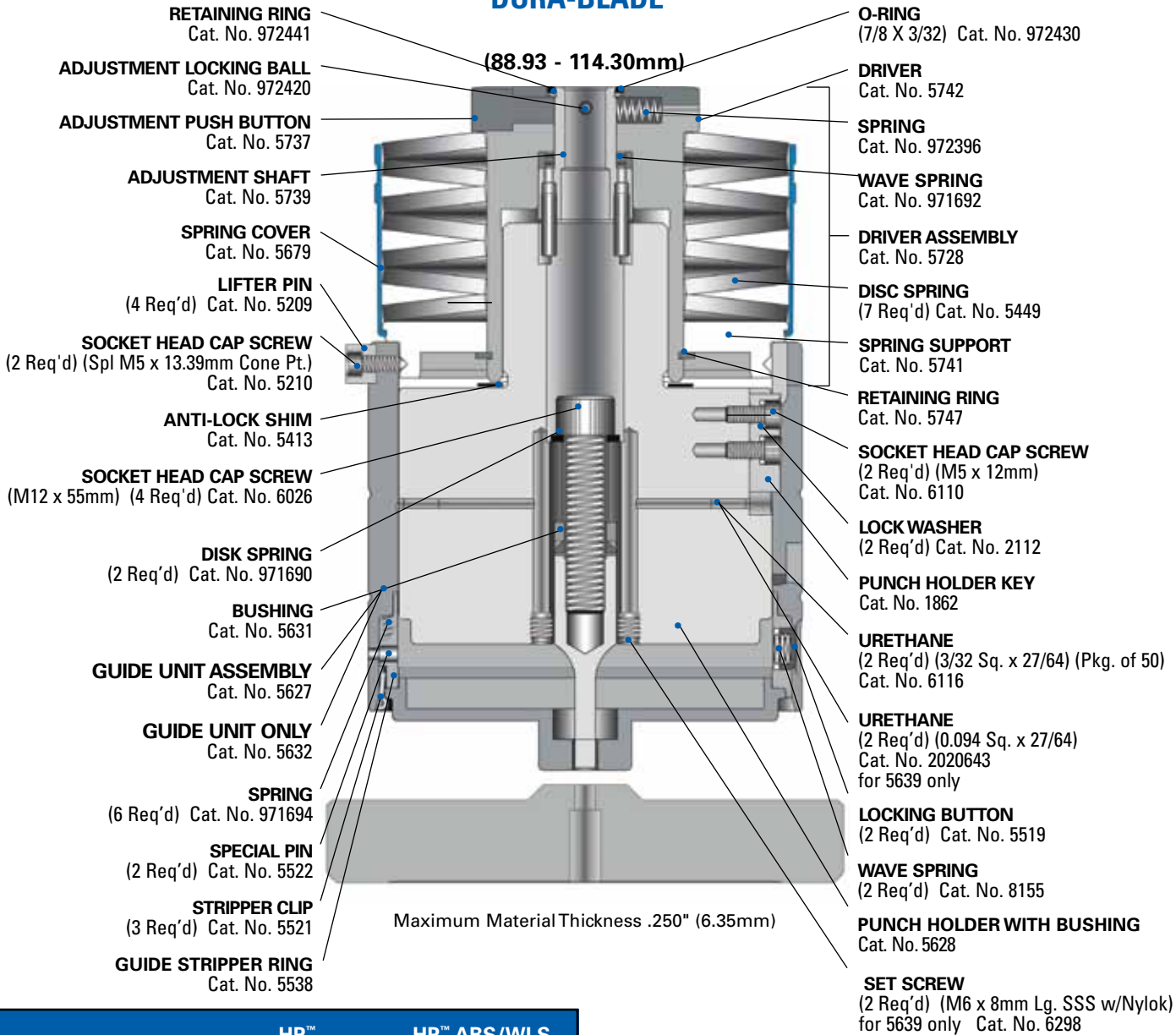
DESCRIPTION	HP™		HP™ ABS/WLS		NOTES
	CAT. NO.	PRICE	CAT. NO.	PRICE	
GUIDE ASSEMBLY	5554		5533		<ul style="list-style-type: none"> HP™ Guide Assys. are keyed for shapes at 0°, 45°, 90°, 180°, 225°, 270°. 1/16" (1.6mm) Rooftop shear is given to all punches with 'A' dimension† greater than 2.000 (50.8mm), and width greater than .250 (6.35mm), at no extra charge. All punches .250 (6.35mm) and under in width will be shipped with no shear unless specified. For HP™ Station Add ons go to page 16. † 'A' Dimension = Longest distance across shape. Ultima™ Premium Tool Steel is available on punches and dies. Contact sales desk for pricing and availability. * Slug Hugger® dies must be ordered punch size plus clearance, .060 (1.53mm) min. width on shapes, .006 (0.15mm) min. total clearance (patented).
PUNCHES					
• Round	5030		5030		
• Shape	5029		5029		
• Optima® Add On	—		—		
STRIPPER PLATES					
• Round	1877		5154		
• Shape Fitted	1882		5155		
DIES					
• Round Slug Hugger®*	2200		2200		
• Round Standard	1878		1878		
• Shape Slug Hugger® 2*	12967		12967		
• Shape Positive	1883		1883		
• Shape Negative	1884		1884		

DURA-BLADE™



NOTES	DESCRIPTION	HP™		HP™ ABS/WLS	
		CAT. NO.	PRICE	CAT. NO.	PRICE
<ul style="list-style-type: none"> HP™ Dura Blade™ Guide Assys. are keyed for shapes at 0°, 45°, 90°. For HP™ Station Add ons go to page 16. One-sided relief stripper plates and dies available upon request. Contact sales desk for price and availability. Single 90° die key option available upon request. Contact sales desk for price and availability. Ultima™ Premium Tool Steel is available on dies. Contact sales desk for pricing and availability. Maximum width for blade insert is .750 (19.05mm). * Slug Hugger® dies must be ordered punch size plus clearance, .060 (1.53mm) min. width on shapes, .006 (0.15mm) min. total clearance (patented). 	GUIDE ASSEMBLY	5663		5653	
	PUNCHES				
	• Blade	5657		5657	
	• Optima® Add On	—		—	
	STRIPPER PLATES				
	One Sided Relief	5665		5666	
	Two Sided Relief	5656		5664	
	DIES				
	• Slug Hugger® 2* (relief 2 sides, shape at 0 & 90°)	5500		5500	
	• Positive (relief 2 sides, shape at 0 & 90°)	5328		5328	
• Negative (relief 2 sides, shape at 0 & 90°)	5329		5329		

DURA-BLADE™



DESCRIPTION	HP™		HP™ ABS/WLS		NOTES
	CAT. NO.	PRICE	CAT. NO.	PRICE	
GUIDE ASSEMBLY	5639		5626		<ul style="list-style-type: none"> HP™ Dura Blade™ Guide Assys. are keyed for shapes at 0°, 45°, 90°. For HP™ Station Add ons go to page 16. One-sided relief stripper plates and dies available upon request. Contact sales desk for price and availability. Single 90° die key option available upon request. Contact sales desk for price and availability. Ultima™ Premium Tool Steel is available on dies. Contact sales desk for pricing and availability. Maximum width for blade insert is .750 (19.05mm). * Slug Hugger® dies must be ordered punch size plus clearance, .060 (1.53mm) min. width on shapes, .006 (0.15mm) min. total clearance (patented).
PUNCHES					
• Blade	5630		5630		
• Optima® Add On	—		—		
STRIPPER PLATES					
One Sided Relief	5641		5642		
Two Sided Relief	5629		5640		
DIES					
• Slug Hugger® 2* (relief 2 sides, shape at 0 & 90°)	5503		5503		
• Positive (relief 2 sides, shape at 0 & 90°)	5338		5338		
• Negative (relief 2 sides, shape at 0 & 90°)	5339		5339		

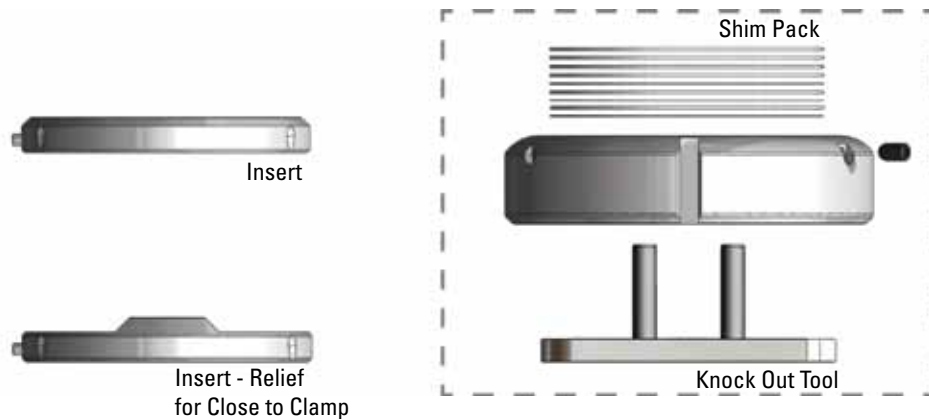


Local
Tel: 651-286-6001
Fax: 651-286-5959

Toll Free U.S.A. & Canada
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Fax: 800-222-0002

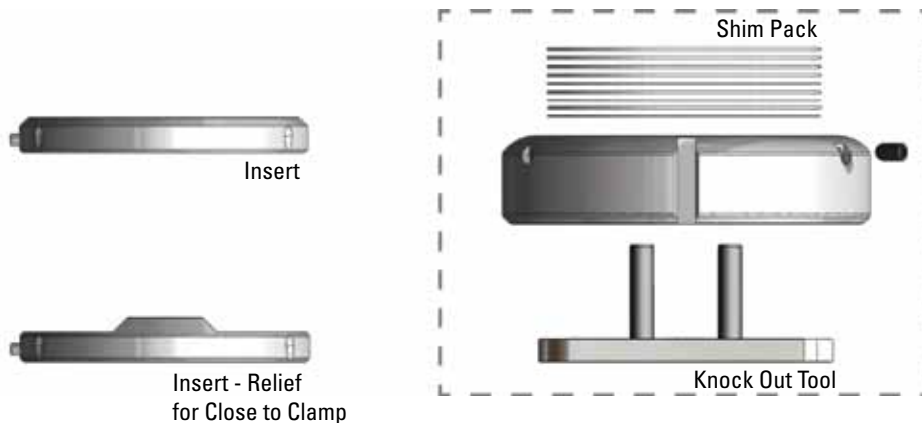
Toll Free Mexico
Tel: 001-800-741-2510
Fax: 001-800-544-2096

Website & Email
www.wilsontool.com
salesdesk@wilsontool.com



Description	Cat. No	Qty. Needed	Price	Size Limitations
C Station Slitting Dura-Die				
Insert - Positive	12991	1		Max length = 2.008" [51mm] Max width = .276" [7mm] Max clearance for max length=.020" [.51mm]
Insert - SlugHugger 2	12992	1		
Die Base Assy (includes below)	12989	1		
C-Station Shim Pack	12995	1		
M6 x 10mm Lg Ball Ended Thrust Screw	24323	3		
Coiled Spring Pin 3mm x 16mm Long	25179	2		
C-Station Die Base (only)	12990	1		
Knock Out Tool	24310	1		
D Station Slitting Dura-Die				
Insert - Positive	13008	1		Max length = 3.386" [86mm] Max width = .250" [6.35 mm] Max clearance for max length=.040" [1.02mm]
Insert - SlugHugger 2 (relief 2 sides)	13009	1		
Die Base Assy (includes below)	13006	1		
D-Station Shim Pack	13012	1		
M6 x 10mm Lg Ball Ended Thrust Screw	24323	3		
Coiled Spring Pin 3mm x 16mm Long	25179	2		
D-Station Die Base (only)	13007	1		
Knock Out Tool	24310	1		
D Station Close-to-Clamp Slitting Dura-Die				
Insert - Positive (relief 2 sides)	13281	1		Max length = 3.189" [81mm] Max width = .276" [7mm] Max clearance for max length=.020" [.51mm]
Insert - SlugHugger 2	13282	1		
Die Base Assy @ 0&90 (includes below)	13276	1		
D-Station Shim Pack	13012	1		
M6 x 10mm Lg Ball Ended Thrust Screw	24323	3		
Coiled Spring Pin 3mm x 16mm Long	25179	2		
D-Station Die Base (only)	13278	1		
Knock Out Tool	24310	1		

4-1/2" (E) DURA-DIE



Description	Cat. No	Qty. Needed	Price	Size Limitations
E Station Slitting Dura-Die				
Insert - Positive	13013	1		Max length = 4.400" [111.8mm] Max width = .375" [9.52mm] Max clearance for max length= .030" [.76mm]
Insert - SlugHugger 2	13014	1		
Die Base Assy (includes below)	13015	1		
E-Station Shim Pack	13017	1		
M6 x 10mm Lg Ball Ended Thrust Screw	24323	3		
Coiled Spring Pin 3mm x 16mm Long	25179	2		
E-Station Die Base (only)	13016	1		
Knock Out Tool	24313	1		
E Station Close-to-Clamp Slitting Dura-Die				
Insert - Positive (relief 2 sides)	13289	1		Max length = 4.400" [111.8mm] Max width = .375" [9.52mm] Max clearance for max length= .030" [.76mm]
Insert - SlugHugger 2 (relief 2 sides)	13290	1		
Die Base Assy @ 0&90 (includes below)	13284	1		
E-Station Shim Pack	13017	1		
M6 x 10mm Lg Ball Ended Thrust Screw	24323	3		
Coiled Spring Pin 3mm x 16mm Long	25179	2		
E-Station Die Base (only)	13286	1		
Knock Out Tool	24313	1		

1/2" (A) Station & Multi-Tool Add Ons			
Add ons for Rounds			
Small Diameter .031 - .061 (0.79 - 1.56mm) .062 - .092 (1.57 - 2.34mm) Clearance < .004 (.10mm)	Punch	Die	Stripper
Add ons for Shapes			
Small Widths .031 - .039 (0.79 - 1.0mm) .040 - .092 (1.01 - 2.34mm) Clearance < .004 (0.10mm)	Punch	Die	Stripper

1-1/4" (B) Station Add Ons			
Add ons for Rounds			
Small Diameter .031 - .061 (0.79 - 1.56mm) .062 - .092 (1.57 - 2.34mm) .093 - .249 (2.35 - 6.32mm) Clearance < .004 (0.10mm)	Punch	Die	Stripper
Add ons for Shapes			
Small Width .031 - .039 (0.79 - 1.0mm) .040 - .092 (1.01 - 2.34mm) 'A' Dimension† < .437 (11.10mm) Clearance < .004 (0.10mm)	Punch	Die	Stripper

2" (C) Station Add Ons			
Add ons for Rounds			
Small Diameter < 1.000 (25.4mm) Clearance < .004 (0.10mm)	Punch	Die	Stripper
Add ons for Shapes			
Small Width .031 - .039 (0.79 - 1.0mm) .040 - .092 (1.01 - 2.34mm)	Punch	Die	Stripper
Small 'A' Dimension† < 1.150 (29.21mm) Clearance < .004 (0.10mm)			

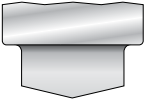
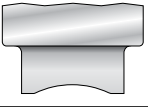
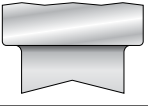
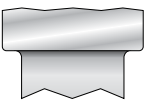
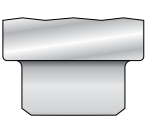
3-1/2" (D) Station Add Ons			
Add ons for Rounds			
Small Diameter < 1.900 (48.26mm) Clearance < .004 (0.10mm)	Punch	Die	Stripper
Add ons for Shapes			
Small Width .031 - .039 (0.79 - 1.0mm) .040 - .092 (1.01 - 2.34mm)	Punch	Die	Stripper
Small 'A' Dimension† < 1.900 (48.26mm) Clearance < .004 (0.10mm)			

4-1/2" (E) Station Add Ons			
Add ons for Rounds			
Small Diameter < 3.400 (86.36mm) Clearance < .004 (0.10mm)	Punch	Die	Stripper
Add ons for Shapes			
Small Width .031 - .039 (0.79 - 1.0mm) .040 - .092 (1.01 - 2.34mm)	Punch	Die	Stripper
Small 'A' Dimension† < 3.400 (86.36mm) Clearance < .004 (0.10mm)			

Radius or 45° Chamfer 4 Corners		
	Radius or Chamfer Size	Total Add On
PUNCHES	.001 - .062 (0.02 - 1.57mm)	
	.063 - .250 (1.58 - 6.35mm)	
	Greater than .250 (6.35mm)	
DIES	Any size	

NOTES
• Add \$ to round or shape punch for extra straight before radius, extra back taper, or no back taper. † 'A' Dimension = Longest distance across shape.

SHEAR OPTIONS

Type of Shear	Benefit	Limitation
 <p>Rooftop</p>	Best shear for punching at maximum tonnages.	When nibbling, bite must be 75% of punch dimension or excessive side loading will result.
 <p>Concave or Double Concave</p>	Best shear for nibbling because it inverts stresses.	The punch is less resistant to breakage when punching at high tonnages because of inverted stresses.
 <p>Inverted Rooftop</p>	Also good shear for nibbling because it inverts stresses.	More susceptible to breakage because of a sharp focal point for stresses—use great care.
 <p>Double Valley Shear</p>	Best shear for nibbling when shape is long and narrow.	The punch is less resistant to breakage when punching at high tonnages because of inverted stresses.
 <p>JK Shear</p>	A special punch tip shear that allows you to punch high strength materials with a reduced risk of breakage.	Can only be used on punches up to 1.000" (25.4mm) diameter or 'A' dimension [†] .

Special Shears					
Station	'A' Dimensions [†]	Inverted Rooftop		Double Valley	
		Single Concave		Double Concave	
		1/16" (1.6mm) Shear	1/8" (3.2mm) Shear	1/16" (1.6mm) Shear	1/8" (3.2mm) Shear
1-1/4" (B)	Within 1.250" (31.75mm)				
2" (C)	Within 2.000" (50.8mm)				
3-1/2" (D)	Within 3.500" (88.9mm)				
4-1/2" (E)	Within 4.500" (114.3mm)				

1/16" (1.6mm) rooftop shear is given to all punches with 'A' dimension[†] greater than 2.000" (50.8mm) and width greater than .250" (6.35mm) at no extra charge. All punches .250" (6.35mm) and under in width will be shipped with no shear unless specified.

[†] 'A' Dimension = Longest distance across shape.

NOTE: In some instances, inverted rooftop is substituted for single and double concave shears.

JK Shear	
Shape	Add On Price
Round	
Rectangle, Square, Hexagon Single "D"; Double "D"	
Obround	

DIE CLEARANCE SELECTION INFORMATION			
% Total Clearance			
Material	Minimum	Best	Maximum
Copper, 1/2 Hard	8	12	16
Brass, 1/2 Hard	6	11	16
Mild Steel	10	15	20
Steel 0.50C	12	18	24
Aluminum, Soft	5	10	15
Stainless Steel	15	20	25

% x Material Thickness = Total Clearance

NOTES

If specified: 1/8" (3.2mm) maximum rooftop shear can be given at N/C for any round or shape in 2"(C), 3-1/2"(D), 4-1/2"(E) or 6"(F) stations. For rooftop shear on any round or shape in 1/2"(A) or 1-1/4"(B) stations, add \$

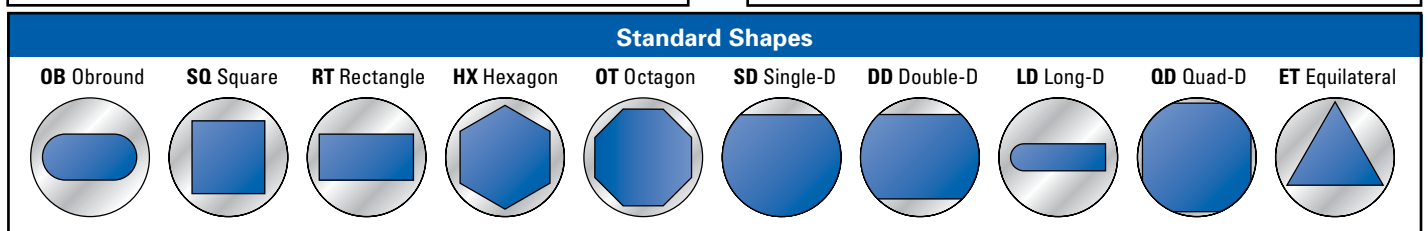
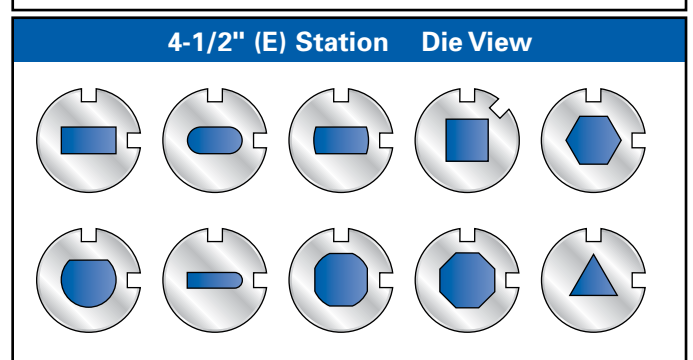
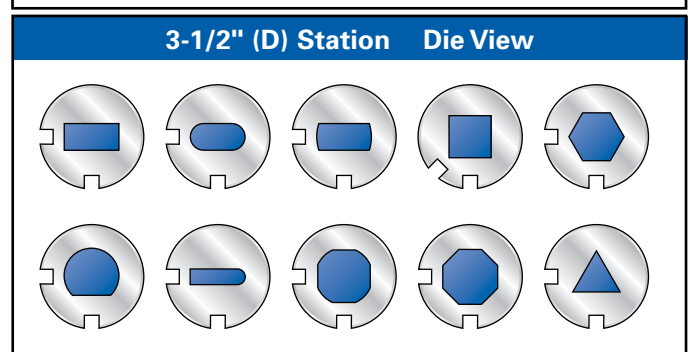
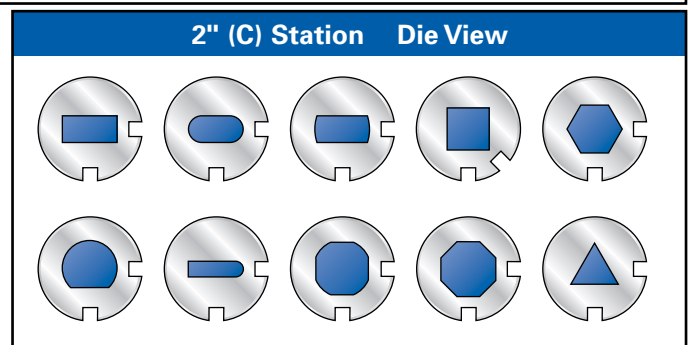
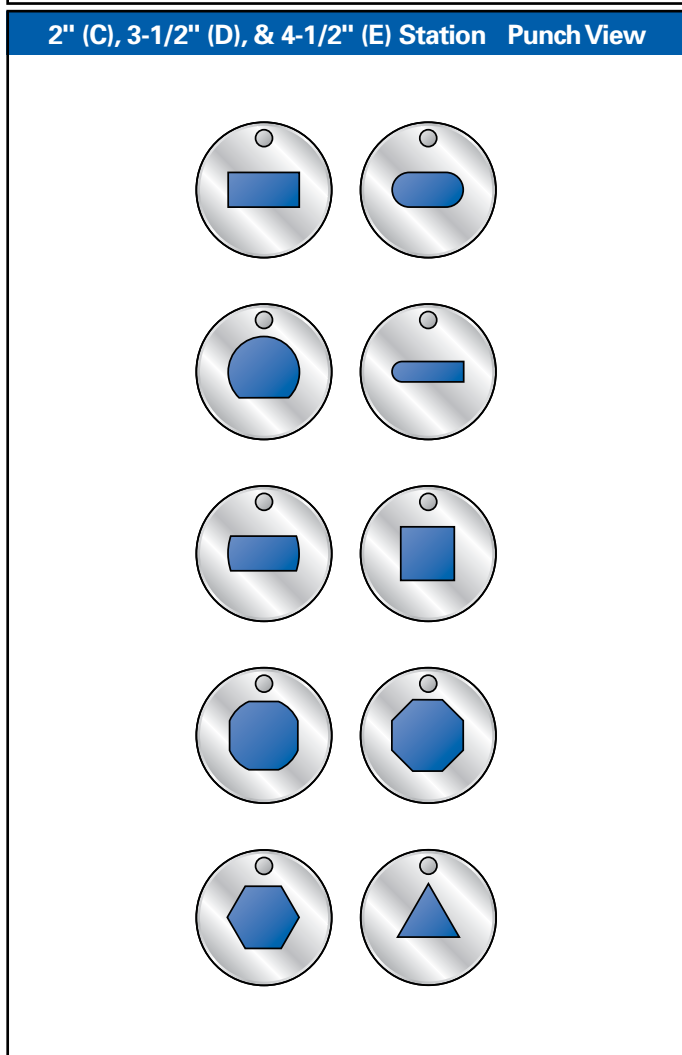
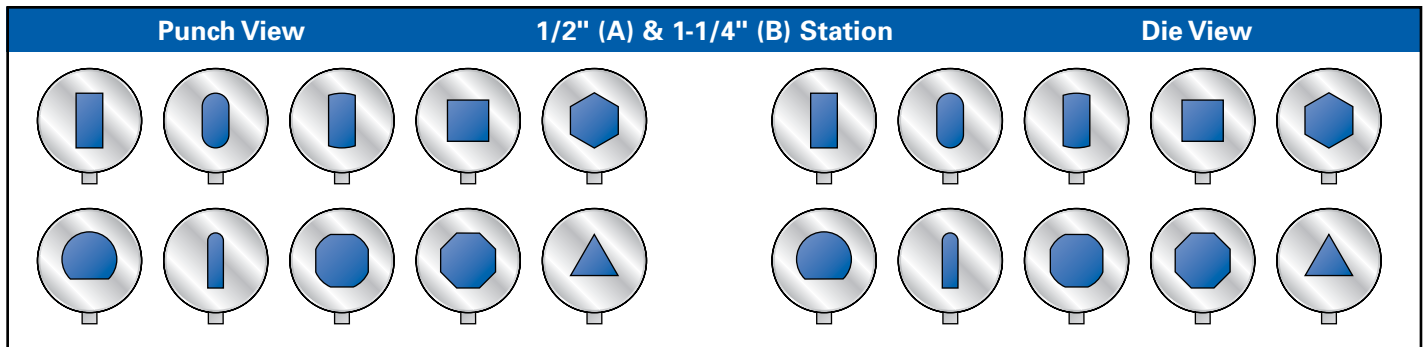


Local
Tel: 651-286-6001
Fax: 651-286-5959

Toll Free U.S.A. & Canada
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Fax: 800-222-0002

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Tel: 001-800-741-2510
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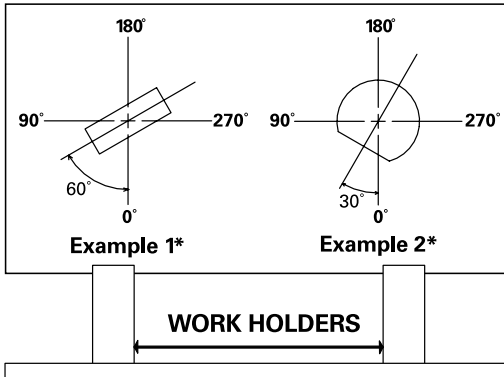
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NON-STANDARD KEYING

When ordering shapes at non-standard angles, use the diagrams below to eliminate any confusion.

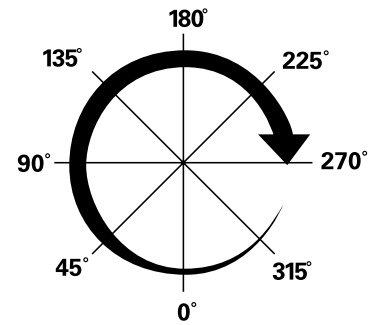
Examples of angle settings:



Front of Press

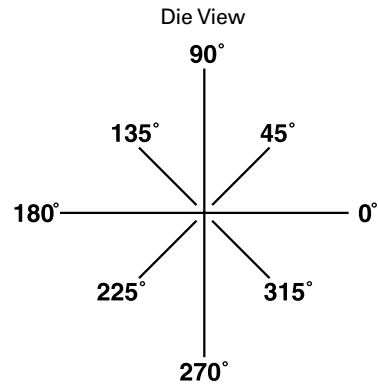
Note: Please refer to non-standard key locations by the following method:
 • Example 1 "Shape at 60°"
 • Example 2 "Shape at 30°"

Wilson Tool Keying Diagram



Shape at single angles other than standard (Note: No add'l charge on A & B stns for shape at 45° increments)			
Station	Punches	Dies	Guides or Strippers
1/2" (A)			No Charge
1-1/4" (B)			Not Applicable
2" (C)			Not Applicable
3-1/2" (D)			Not Applicable
4-1/2" (E)			Not Applicable

Standard keying, plus extra pins or keys for shapes at other than 45° increments			
Station	Punches	Dies	Guides or Strippers
1/2" (A)	Not Available	Not Available	
1-1/4" (B)	Not Available	Not Available	
2" (C)			Not Available
3-1/2" (D)			Not Available
4-1/2" (E)			Not Available



Front of Press

This key location matches Amada's® turret punch press programming method.

Standard keying, plus extra pins or keys for shapes at 45° increments					
Station	Punches		Dies		Guides or Strippers
	Available Options	Add On Price	Available Options	Add On Price	
1/2" (A)	Not Available	Not Available	Not Available	Not Available	\$22.00 per key
1-1/4" (B)	0° & 45°		0° & 45°		22.00 per key
	0° & 180°		0° & 180°		22.00 per key
2" (C)	45° Increments		45° Increments		Not Applicable
3-1/2" (D)	45° Increments		45° Increments		Not Applicable
4-1/2" (E)	45° Increments		45° Increments		Not Applicable



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MT3Ri		
DESCRIPTION	CAT. NO.	PRICE
P&D ASSY	45293	
PUNCHES		
• Round Punch Driver Assy.	35306	
• Round	2581	
• Shape Punch Driver Assy.	35296	
• Shape	2586	
• Punch Driver Only	35297	
• Optima® Add On	–	
STRIPPERS		
• Round	77232	
• Shape	77233	
DIES		
• Round Slug Hugger®**	77236	
• Round Standard	77234	
• Shape Slug Hugger® 2*	77237	
• Shape Positive	77235	


MT8i		
DESCRIPTION	CAT. NO.	PRICE
P&D ASSY	45276	
PUNCHES		
• Round	6835	
• Shape	6836	
• Optima® Add On	–	
STRIPPERS		
• Round	474	
• Shape	473	
DIES		
• Round Slug Hugger®**	6177	
• Round Standard	6164	
• Shape Slug Hugger® 2*	6889	
• Shape Positive	6165	
• Shape Negative	6178	

MT 6-24 & MT 8-24		
DESCRIPTION	CAT. NO.	PRICE
PUNCHES		
• Round	6150	
• Shape	6153	
• Optima® Add On	–	
STRIPPERS		
• Round	6151	
• Shape (.750", 19.05mm Max 'A' dim)	6827	
• Shape (7.756", 19.05mm 'A' dim)	6154	
DIES		
• Round Slug Hugger®**	6189	
• Round Standard	6152	
• Shape Slug Hugger® 2* .750 max	6886	
• Shape Slug Hugger® 2* >.750	6887	
• Shape Positive .750 max	6828	
• Shape Positive >.750	6155	
• Shape Negative .750 max	6830	
• Shape Negative >.750	6194	

MT8Ri		
DESCRIPTION	CAT. NO.	PRICE
P&D ASSY	45292	
PUNCHES		
• Round	6835	
• Shape	6836	
• Optima® Add On	–	
STRIPPERS		
• Round	474	
• Shape	473	
DIES		
• Round Slug Hugger®**	6177	
• Round Standard	6164	
• Shape Slug Hugger® 2*	6889	
• Shape Positive	6165	
• Shape Negative	6178	

MT20i		
DESCRIPTION	CAT. NO.	PRICE
P&D ASSY	45277	
PUNCHES		
• Round	6838	
• Shape	6839	
• Optima® Add On	–	
STRIPPERS		
• Round	6829	
• Shape	35079	
DIES		
• Round Slug Hugger®**	6185	
• Round Standard	6081	
• Shape Slug Hugger® 2*	6885	
• Shape Positive	6149	
• Shape Negative	6190	

MT 12-8		
DESCRIPTION	CAT. NO.	PRICE
PUNCHES		
• Round	6080	
• Optima® Add On	–	
STRIPPERS		
• Round	6079	
DIES		
• Round Slug Hugger®**	6185	
• Round Standard	6081	

Type Code	Description
MT 6-16	 <p>Maximum 'A' Dimension of punch (mm) Number of stations in the holder Multi-Tool</p>

MT 6-16 & MT 10-16		
DESCRIPTION	CAT. NO.	PRICE
PUNCHES		
• Round	6075	
• Shape	6076	
• Optima® Add On	–	
STRIPPERS		
• Round	6073	
• Shape	6074	
DIES		
• Round Slug Hugger®**	6187	
• Round Standard	6077	
• Shape Slug Hugger® 2*	6883	
• Shape Positive	6078	
• Shape Negative	6192	

MT 20-8 & MT 24-8		
DESCRIPTION	CAT. NO.	PRICE
PUNCHES		
• Round	6080	
• Shape	6147	
• Optima® Add On	–	
STRIPPERS		
• Round	6146	
• Shape	6148	
DIES		
• Round Slug Hugger®**	6185	
• Round Standard	6081	
• Shape Slug Hugger® 2*	6885	
• Shape Positive	6149	
• Shape Negative	6190	

NOTES
<ul style="list-style-type: none"> • For Multi-Tool add-ons, go to page 15. • Ultima™ Premium Tool Steel is available on punches and dies. Contact sales desk for pricing and availability. <p>* Slug Hugger® dies must be ordered punch size plus clearance, .098 (2.49mm) min. dia. on rounds, .060 (1.52mm) min. width on shapes, .006 (0.15mm) min. clearance (patented).</p>

Multi-Tool and Finn-Power are registered trademarks of Finn-Power International, Inc.

Local
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WT MULTI-TOOL® HOLDER 8-STATION FOR 3-1/2" (D) STATION		
DESCRIPTION	CAT. NO.	PRICE
• P&D Assy	38022	
• Locking Bracket	38018	
PUNCHES-New Design		
• Round	6835	
• Shape	6836	
• Optima® Add On	—	
PUNCHES-Old Design		
• Round	6160	
• Shape	6161	
• Optima® Add On	—	
STRIPPERS		
• Round	474	
• Shape	473	
DIES		
• Round Slug Hugger®*		
.500 (12.7mm) max punch dia.	6173	
>.500 (12.7mm) punch dia.	6177	
• Round Standard		
.500 (12.7mm) max punch dia.	6162	
>.500 (12.7mm) punch dia.	6164	
• Shape Slug Hugger® 2*		
.500 (12.7mm) max 'A' dim.	6888	
>.500 (12.7mm) 'A' dim.	6889	
• Shape Positive		
.500 (12.7mm) max 'A' dim.	6163	
>.500 (12.7mm) 'A' dim.	6165	
• Shape Negative		
.500 (12.7mm) max 'A' dim.	6174	
>.500 (12.7mm) 'A' dim.	6178	
• 8-16 RD SH 2 Die		
.500 (12.7mm) max punch dia	6947	
• SH 2 RD DIE		
8-16 > .500 (12.7mm) punch dia	6949	
>.500 (12.7mm) 'A' dim.		



WT MULTI-TOOL® HOLDER 20-STATION FOR 3-1/2" (D) STATION		
DESCRIPTION	CAT. NO.	PRICE
P&D ASSY		
• Locking Bracket	38023	
	38018	
PUNCHES		
• Round	6838	
• Shape	6839	
• Optima® Add On	—	
STRIPPERS		
• Round	6829	
• Shape	35079	
DIES		
• Round Slug Hugger®*	6185	
• Round Standard	6081	
• Shape Slug Hugger® 2*	6885	
• Shape Positive	6149	
• Shape Negative	6190	

Note: Photos apply to 8-Station only.



Maximum punch 'A' Dimension† is .630 (16mm).
 †'A' Dimension = Longest distance across shape.
 A locking bracket Cat. No. 38018 \$725.00 is required for 3-1/2" (D) station auto index.

Multi-Tool® Add-Ons			
Add ons for Rounds			
Small Width	Punch	Die	Stripper
.031 - .061 (0.79 - 1.56mm)			
.062 - .092 (1.57 - 2.34mm)			
Clearance < .004 (0.10mm)			
Add-ons for Shapes			
Small Width	Punch	Die	Stripper
.031 - .039 (0.79 - 1.0mm)			
.040 - .092 (1.01 - 2.34mm)			
Clearance < .004 (0.10mm)			

Standard Shapes				
OB Obround	SQ Square	RT Rectangle	HX Hexagon	OT Octagon
SD Single-D	DD Double-D	LD Long-D	OD Quad-D	ET Equilateral

NOTES
* Slug Hugger® dies must be ordered punch size plus clearance, .098 (2.49mm) min. dia. on rounds, .060 (1.52mm) min. width on shapes, .006 (0.15mm) min. clearance (patented).

Multi-Tool is a registered trademark of Finn-Power International, Inc.



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TOOLS



Sure Shot Sprayer
1-QT (.95 liter) capacity
CAT. NO. 6120



T-Handle extractor for
large station guide assemblies
CAT. NO. 6483



SAE Hex Key Wrench Set
CAT. NO. 6057



Punch Lubricant
CAT. NO. 6055



Sheet Lubricant
Xcel 1 Liter Spray Bottle
CAT. NO. 24315



Soft Face Hammer
CAT. NO. 6106



Tru-Arc Pliers
CAT. NO. 6056



Rubberized abrasive wheel
for removing galling
CAT. NO. 8050



Spanner Wrench
CAT. NO. 6058

TOOLS

Metric Hex Key Wrench Set
CAT. NO. 6105



Oil Stone
CAT. NO. 6060



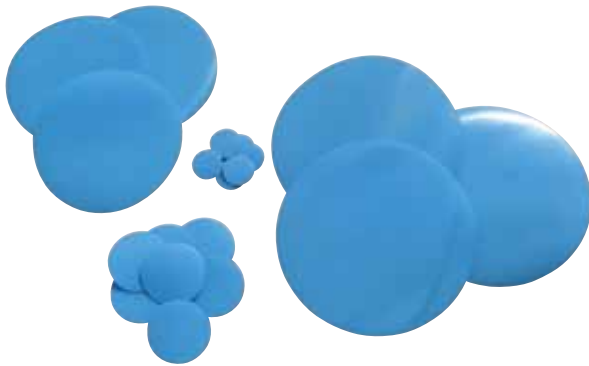
Diamond File
CAT. NO. 6059



Thick Turret Assembly Fixture
C&D Stations
CAT. NO. 24162



Thick/Thin Turret Nylon Vice Jaws
CAT. NO. 24001



"Zip-Mar" Adhesive Disks™			
Station	Qty.	Cat. No.	Price
1/2" (A)	pkg.(10)	6083	
1-1/4" (B)	pkg.(10)	6084	
2" (C)	pkg.(10)	6085	
3-1/2" (D)	pkg.(10)	6086	
4-1/2" (E)	pkg.(10)	6087	
6" x 12" (15.2 x 30.5cm) Sheet	1	6108	

Zip Mar™ reduces the costly marring of material by the stripper. The disk is applied to the bottom of a standard stripping guide or stripper plate. A hole is then cut with a sharp knife to reveal the existing hole in the stripper.

Tooling Cabinet		
Thick Turret Tooling Cabinet	Cat. No.	Price
	90001	
Options		
Plastic Drawer Liners	90002	\$12.50/drawer
Mobile Base	90003	
Maple Top	90004	
Cart Handle (1)	90005	
Ribbed Rubber Mat	90006	



8 Drawer Arrangement & Capacity Consisting of:

3 drawers for 1/2" (A) station tooling:

- 18 punch & guide assemblies (per drawer)
- 36 dies & 18 additional punches (per drawer)

3 drawers for 1-1/4" (B) station tooling:

- 12 punch & guide assemblies (per drawer)
- 24 dies & 12 additional punches (per drawer)

1 drawer for 2" (C) station and 3-1/2" (D) station tooling:

- 12 2" or 3-1/2" station punches, stripper plates and dies

1 drawer (9 compartments) for 4-1/2" (E) station tooling,

- 6" (F) station tooling, large station guide assemblies and misc.

Cabinet includes lock with two keys and forklift base.

Dimensions: 42" (107 cm) high x 28" (71 cm) wide x 29" (74 cm) deep.

Standard color: Classic Blue

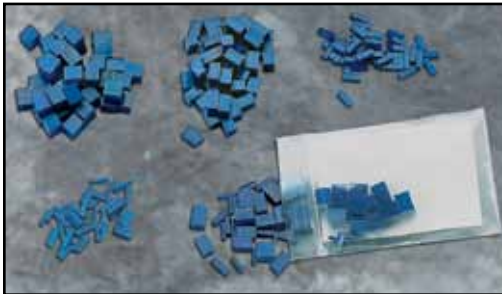
Note: Tool cabinets are shipped motor freight-collect

Shear Grinding Fixture and Accessories		
Description	Cat. No.	Price
Shear Grinding Fixture	6034	
1/2" Tooling Sleeve Adapter	6043	
1-1/4" Tooling Punch and Die Holder	6042	
1-1/4" to 1/2" Die Adapter	6088	
Series 80°/90° Tooling Punch Holder	6040	
Dura-Blade Grinding Fixture	6932	
Pointer (Replacement)	6035	
Degree Scale (Replacement)	6036	
Multi-Tool® Punch and Die Holders		
Description	Cat. No.	Price
8 Station Thick/Thin Punch & Die Holder	6812	
8mm Punch & Die Holder	6156	
16mm Punch & Die Holder	6157	
24mm Punch & Die Holder	6158	

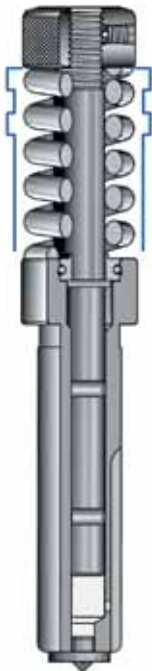




Tool Kit		
Tool Kit consists of the following:	Cat. No.	Price
(1) Tool Box, (1) Oil Stone, (1) Diamond File, (1) Tru-Arc Pliers, (1) Spanner Wrench, (1) Punch Lubricant, (1) Soft Face Hammer, (1) Metric Hex Key Wrench Set, (1) Hex Key Wrench Set (English), (1) Assortment of 4-sizes of square urethane ejectors.	6091	\$183.50



Slug Ejectors			
Square Urethane			
Hole Dia. In Punch	Qty.	Cat. No.	Price
1/8" (3.2mm)	50	6116	
3/16" (4.8mm)	50	6117	
3/8" (9.5mm)	50	6118	
1/2" (12.7mm)	50	6119	
Assortment	50	6410	



1/2" (A) Station
Form Down

Center Punch		
Form-Down for 1/2" (A) Station		
Description	Cat. No.	Price
Complete Form-Down Assembly (incl. die) (.250" (6.35mm) max. mat.)	1852	
Replaceable Center Punch Button	2105	
Punch Body	2107	
Guide	2106	
Blank Die	2267	
Light Spring (for > .250" (6.35mm) mat.)	6491	
Form-Up for 1-1/4" (B) Station		
1-1/4" (B) Station-Complete Set (not shown)	12568	
1-1/4" (B) Station Upper Punch Assembly		
1-1/4" (B) Station Lower Die Assembly		
1-1/4" (B) Station Replaceable Die Insert .375" (9.53mm)		

ALIGNMENT TOOLS

Alignment Tools for Amada Single Track Machines				
STATION	Upper Unit		Lower Unit	
	Cat. No.	Price	Cat. No.	Price
1/2" (A)	2597	\$622.00	2598	
1-1/4" (B)	2599	560.25	495	



Alignment Tools for Amada Multiple Track Machines		
STATION	Cat. No.	Price
1/2" (A)	2601 *	ea.
1-1/4" (B)	2602 *	ea.



*NOTE: Two of each Cat. No. required.

Alignment Tools				
STATION	Upper Unit		Lower Unit	
	Cat. No.	Price	Cat. No.	Price
2" (C)	1840		1841	
3-1/2" (D)	1947		1948	
4-1/2" (E)	1949		1950	
6" (F)	2290		2291	



In order to align A and B stations, you need either one or two tools for each size station, depending on the type of machine. For a single track turret, one tool is required to align each station. For a multiple track machine, two tools are required to align each station (one in the front of the station and one in the back).

ADAPTERS

1-1/4" (B) To 1/2" (A) Station Adapter		
Description	Cat. No.	Price
Punch & Guide Assembly Adapter (Keyed at 0° & 180°)	2284	
Die Adapter	2220	
Screw	2119	



2" (C) To 1-1/4" (B) Station Adapter		
Description	Cat. No.	Price
Punch & Guide Assembly Adapter	2476	
Die Adapter	2475	
Screw	6206	

3-1/2" (D) To 1-1/4" (B) Station Adapter		
Description	Cat. No.	Price
Punch & Guide Assembly Adapter (not shown)	2492	
Die Adapter	35058	

4-1/2" (E) To 1-1/4" (B) Station Adapter		
Description	Cat. No.	Price
Punch & Guide Assembly Adapter (not shown)	2680	
4-1/2Tk to 1-1/4Thk Die Adapter	2681	

NOTE: Maximum material thickness for above adapters -
 .135" (3.4 mm) mild steel and aluminum, .090" (2.3 mm) stainless steel.

BALL RIDING DIE & BRUSH DIE



The “Ball Riding Die,” which consists of a spring loaded ball, has been designed to help eliminate several problems. The most common problems result from the higher height of the form-up dies.

These problems are:

- Sheet hang-up from the material running into a higher die, such as a forming tool.
- Sheet deformation from punching next to dies of different heights.
- Damage to forming die inserts when the die cap receives uneven loading during punching in neighboring stations.

To reduce sheet and tool damage in forming applications, two of these dies are placed in stations surrounding the forming tool. When the sheet approaches the form-up die, it is lifted by the ball riding die. When the forming operation begins, the ball in the surrounding die recesses with the sheet. Once the form has been achieved and the tool strips, the spring loaded balls lift the sheet back to its original height. This allows the sheet to move more freely through the turret, avoiding collisions with the form-up tool.

Placing these dies into the vacant stations on a turret loaded on one side can also eliminate material crashes.

Ball Riding Die		
STATION	Cat. No.	Price
1/2" (A)	2375	
1-1/4" (B)	482	
2" (C)	13591	
3-1/2" (D)	13592	
4-1/2" (E)	13593	

Brush Die		
STATION	Cat. No.	Price
1/2" (A)	2760	
1-1/4" (B)	2761	
2" (C)	2762	
3-1/2" (D)	2763	
4-1/2" (E)	2764	



The primary use for brush dies is in applications where any marking that might be caused by ball riding dies is not acceptable.

ACCESSORIES

PUNCH & DIE SHIMS

Die Shims			
.010 Thick (0.25 mm)			
Individually			
Station	Qty.	Cat. No.	Price
1/2" (A)	1	2101	
1-1/4" (B)	1	2097	
2" (C)	1	2089	
3-1/2" (D)	1	2081	
4-1/2" (E)	1	2073	
Package			
Station	Qty.	Cat. No.	Price
1/2" (A)	25	2208	
1-1/4" (B)	25	2209	
2" (C)	10	2210	
3-1/2" (D)	5	2211	
4-1/2" (E)	5	2212	
6" (F)	min 10	W200	
6" (F)	min 100	W200	

Die Shims			
.030 Thick (0.75 mm)			
Individually			
Station	Qty.	Cat. No.	Price
1/2" (A)	1	2721	
1-1/4" (B)	1	2723	
2" (C)	1	2725	
3-1/2" (D)	1	2727	
4-1/2" (E)	1	2729	
Package			
Station	Qty.	Cat. No.	Price
1/2" (A)	25	2722	
1-1/4" (B)	25	2724	
2" (C)	10	2726	
3-1/2" (D)	5	2728	
4-1/2" (E)	5	2730	
6" (F)	min 10	W200	
6" (F)	min 100	W200	

Die Shims			
.060 Thick (1.5 mm)			
Individually			
Station	Qty.	Cat. No.	Price
1/2" (A)	1	2104	
1-1/4" (B)	1	2100	
2" (C)	1	2092	
3-1/2" (D)	1	2084	
4-1/2" (E)	1	2076	
Package			
Station	Qty.	Cat. No.	Price
1/2" (A)	25	2172	
1-1/4" (B)	25	2173	
2" (C)	10	2174	
3-1/2" (D)	5	2175	
4-1/2" (E)	5	2176	
6" (F)	min 10	W200	
6" (F)	min 100	W200	

	Cat. No.	Price
Shim Rack only	6588	
Shim Rack Hook	6589	
Shim Rack with Die Shims	5106	

Must specify shim thickness
.010, .030 or .060

Punch Shims							
.060 Thick (1.5 mm)							
Individually				Package			
Station	Qty.	Cat. No.	Price	Station	Qty.	Cat. No.	Price
1/2" (A)	1	1898		1/2" (A)	25	2167	
1-1/4" (B)	1	1899		1-1/4" (B)	25	2168	
1-1/4" (B) Metric	1	152		1-1/4" (B) Metric	25	98	
2" (C)	1	2096		2" (C)	10	2169	
3-1/2" (D)	1	2088		3-1/2" (D)	5	2170	
4-1/2" (E)	1	2080		4-1/2" (E)	5	2171	

Die Shims For Multi-Tools®							
Machine Type	Station	Shape	Thickness	Individual		Package of 15 ea.	
				Cat. No.	Price	Cat. No.	Price
FINN-POWER®	3-1/2 – 8i/Ri		.010" (0.25 mm)	6800	\$1.25	6815	
FINN-POWER®	3-1/2 – 8i/Ri		.030" (0.76 mm)	6801	1.25	6816	
FINN-POWER®	MT 12 & 20 – 8	ROUND	.010" (0.25 mm)	6802	1.25	6817	
FINN-POWER®	MT 12 & 20 – 8	ROUND	.030" (0.76 mm)	6803	1.25	6818	
FINN-POWER®	MT 12 & 20 – 8	SHAPE	.010" (0.25 mm)	6804	1.75	6819	
FINN-POWER®	MT 12 & 20 – 8	SHAPE	.030" (0.76 mm)	6805	1.75	6820	
FINN-POWER®	MT 6 & 10 – 16		.010" (0.25 mm)	6806	1.50	6821	
FINN-POWER®	MT 6 & 10 – 16		.030" (0.76 mm)	6807	1.50	6822	
FINN-POWER®	MT 6 & 8 – 24		.010" (0.25 mm)	6808	1.50	6823	
FINN-POWER®	MT 6 & 8 – 24		.030" (0.76 mm)	6809	1.50	6824	
THICK TURRET	1-1/4 – 5		.010" (0.25 mm)	6810	1.25	6825	
THICK TURRET	1-1/4 – 5		.030" (0.76 mm)	6811	1.25	6826	



Local
Tel: 651-286-6001
Fax: 651-286-5959

Toll Free U.S.A. & Canada
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Fax: 800-222-0002

Toll Free Mexico
Tel: 001-800-741-2510
Fax: 001-800-544-2096

Website & Email
www.wilsontool.com
salesdesk@wilsontool.com

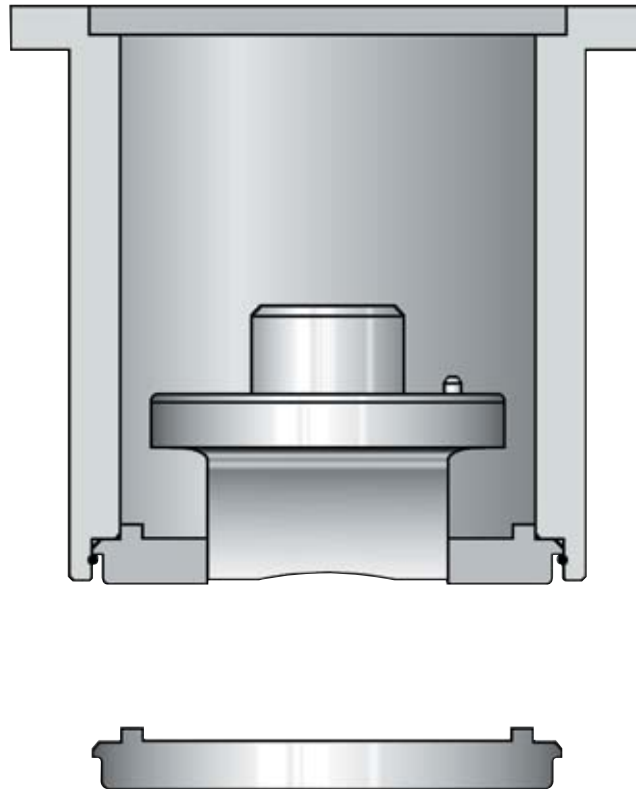
NOTCHER STRIPPER PLATE

The Notcher Stripper Plate is:

- Hardened tool steel stripper plate.
- Precision ground to exacting tolerances.
- Uniquely designed to give the rigidity and slip fit of a special Notching Unit.

What does this mean to you?

- Better guiding, less tool deflection.
- Greater flexibility of tooling applications.
- Longer tool life.
- Standard punch can be used.



Notcher Stripper Plate

Notcher Stripper Plate						NOTES
Station	Max. punch 'A' Dimension [†]	Shape	HP™ & HP™ WLS®		HP™ ABS	
			Cat. No.	Price	Cat. No.	Price
2" (C)	2.000" (50.8 mm)	Round	2469		5643	
		Shape	2470		5644	
3-1/2" (D)	3.500" (88.9 mm)	Round	2471		5645	
		Shape	2472		5646	
4-1/2" (E)	4.500" (114.3 mm)	Round	2473		5647	
		Shape	2474		5648	

- Designed to fit Wilson Tool manufactured guide assemblies only.
 - For larger sizes, please contact our sales desk.
- [†] 'A' Dimension = Longest distance across shape. min. total clearance (patented).

WILSON PUNCH & DIE GRINDER

Machine & Consumables Pricing		
Description	Cat. No.	Price
230V 3 Phase 30 Amp grinder	6854	
230V 3 Phase 30 Amp grinder - Enclosed	6938	
460V 3 Phase 20 Amp grinder	6855	
460V 3 Phase 30 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	

**WILSON PUNCH & DIE MINI GRINDER**

Machine & Consumables Pricing		
Description	Cat. No.	Price
DCM Mini PDG grinder	6950	
1/2 gallon coolant mix*	6856	
5 gallon coolant mix*	6857	
Coolant filter pack*	6858	
6" replacement CBN wheel*	6859	
DCM Mini shear grind sine plate	6951	



* These items are identical to Wilson Tool Grinder.

TOOL DEMAGNETIZER



Machine Pricing		
Description	Cat. No.	Price
Demagnetizer 240V	24304	
Demagnetizer 110V	6934	

DURA-BLADE SHARPENING ADAPTER



NOTES

Assembling the Dura-Blade insert in Adapter #6933 allows it to be loaded into the three-jaw chuck of Wilson Tool's PDG Grinder.

Dura-Blade Sharpening Adapter		
Description	Cat. No.	Price
Adapter for Wilson Tool Punch & Die Grinder	6933	

ELIMINATE COSTLY SLUG PULLING.

SLUG HUGGER® 2



The Slug Pulling Solution

For a guaranteed solution to slug pulling problems that will maximize your press time and improve your productivity turn to Wilson Tool, the leading provider of tooling solutions for the punching industry. Manufacturers simply cannot afford to have their presses down for any amount of time. At Wilson Tool, our desire to provide innovative tooling solutions for our customers has led us to develop the Slug Hugger® 2 die design to help eliminate the very costly problem of slug pulling.

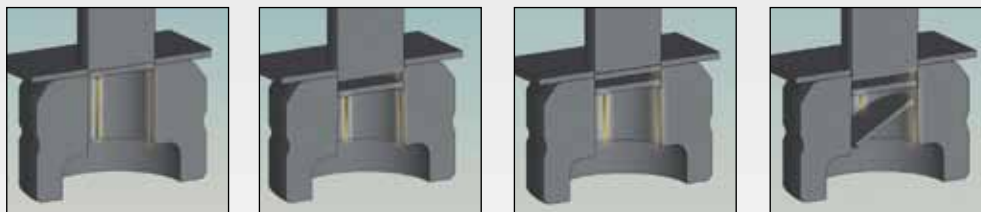
The Slug Hugger® 2 design works on most material types and thicknesses including aluminum and stainless steel. Slug Hugger® 2 dies help eliminate scrapped parts, costly downtime, and possible press and tooling damage due to slug pulling.



At Wilson Tool, our Slug Hugger® 2 dies include a performance guarantee. Our unique design helps eliminate unnecessary back-pressure on small punch tips by preventing packed slugs.

How Does it Work?

The Slug Hugger® 2 design grabs the slug just below the cutting surface of the die and retains the slug during the stripping process. "Precision Nips" extend the entire height of the die, helping to guide the slugs through the relief. This design doesn't leave any marks or burrs on the finished part. The Slug Hugger® 2 "nips" hold the slugs in the die and drags it through the relief when the next hit takes place. This feature allows for less galling and slug packing when punching materials such as aluminum and galvanized steel. In addition, the effectiveness of the Slug Hugger® 2 will not be compromised when the tool is sharpened.



Our Guarantee!

Try the Slug Hugger® 2 dies to control your slug pulling. We guarantee that your slug pulling problems will be eliminated!



Strength. Performance. Innovation.

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Minimum order is \$50.00

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All orders are subject to approval by our Credit Department. If you are a new account, please furnish us with your tax exempt status, a bank reference, three current supplier references and/or your current D&B rating with your first order. A credit limit will be imposed on new accounts until credit has been established.

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Terms are net 10 days. Catalog prices are subject to change without notice.

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In the event an order is cancelled, an additional charge will be assessed to cover the cost of labor and material.

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A handling/restocking fee will be applied to all standard products returned for credit. A return authorization number and shipping instructions must be obtained in advance before an item can be returned.

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All claims or product shortages must be made within 30 days of the invoice date.

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The three divisions of Wilson Tool – Punching, Press Brake, and Stamping – represent the most comprehensive line of tooling systems and accessories available. Our ability to consistently provide innovative, high quality products that outlast and outperform the competition is why the world's most successful fabricators rely upon Wilson Tool tooling systems.

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www.wilsontool.com

WILSON TOOL INTERNATIONAL

Wilson Tool International, Inc. - United States

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

Wilson Tool International, Ltd. - 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 International - China

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

Wilson Tool International - 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 International A/S - 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 International - France

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

Wilson Tool International - Argentina

Tel: +54 114 7634004 | Fax: +54 114 5084190
Email: ventasargentina@wilsontool.com

Wilson Tool - South Africa (Pty) Limited

Tel: +27 877 217 875 | Fax: 086 657 8629
Email: simon.penney@wilsontool.com

The Wilson Tool Company S. de R.L. de C.V. - Mexico

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

Exacta Precision Products - Ontario

Tel: 800-268-5573 | Fax: 800-668-9314
Email: info@exactapunch.com

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Email: info@exactafabtool.com