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23

Abrasives

3M Abrasives

Surface Conditioning Products

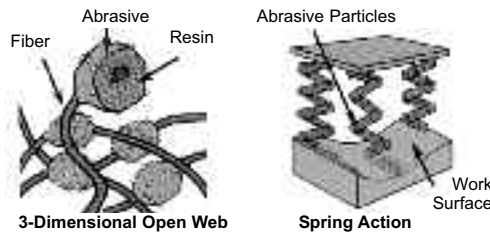
Mineral, Resin and Fiber: Building Blocks for Scotch-Brite™ Surface Conditioning Products

Synthetic fibers and abrasive particles are combined and bonded to form a conformable, three-dimensional, open web material. The exceptional performance characteristics of this open web technology have been demonstrated time after time in countless factories and shops.

- Controlled abrasive action helps prevent undercutting or gouging so there is less chance of disturbing critical tolerances.
- Fresh abrasive is continually exposed to the work surface to deliver consistent, uniform results and to provide long product life.
- Uniform, close-tolerance construction results in smooth running wheels, reducing operator fatigue.
- The open web allows air to circulate for cool operation so there's less risk of warping or discoloring the part.
- The open web resists loading to provide consistent surface preparation, finishing action and long product life.
- Conformable action of the web allows the wheels to follow contours and edges, and to maintain uniform contact with the surface.
- Synthetic fibers eliminate the danger of loose flying wires commonly associated with wire brushes.

Performance Advantages Over Competitive Products

Competitive Product	Scotch-Brite™ Products			
	Cleaning	Deburring	Polishing	Finishing
Steel Wool	<ul style="list-style-type: none"> • Leaves No Metal Fines • No Carbon Contamination on Surface 		<ul style="list-style-type: none"> • Leaves No Metal Fines • No Carbon Contamination on Surface 	<ul style="list-style-type: none"> • Leaves No Metal Fines • No Oil Contamination
Sandpaper: Sheets, Rolls, Belts & Flap Wheels	<ul style="list-style-type: none"> • Work Piece Protected • Consistent Finish • Resists Loading 	<ul style="list-style-type: none"> • Work Piece Protected • No Secondary Burrs • Uniform Radius 	<ul style="list-style-type: none"> • Work Piece Protected • No Secondary Burrs 	<ul style="list-style-type: none"> • Consistent Finish • Resists Loading • Work Piece Protected
Wire Brushes	<ul style="list-style-type: none"> • Removes all Surface Contaminants • Doesn't Fling Wires 	<ul style="list-style-type: none"> • Complete Burr Removal • Doesn't Fling Wires • Uniform Radius 		
Buff & Compound		• Cleaner/Fastener	• Cleaner/Fastener	• Cleaner/Faster
Tampico & Bristle	<ul style="list-style-type: none"> • Faster • Thorough Cleaning 	• Better Radiused Edge		
Files, Burrs & Scrappers	<ul style="list-style-type: none"> • Won't Damage Piece • Faster 	<ul style="list-style-type: none"> • Won't Damage Piece • Faster 		
Set-Up Wheels		<ul style="list-style-type: none"> • No Undercutting • Cleaner 	<ul style="list-style-type: none"> • Cleaner/Faster • Less Set-Up Time 	<ul style="list-style-type: none"> • Cleaner/Faster • Less Set-Up Time
Sand Blasting	<ul style="list-style-type: none"> • No Airborn Particles to be Contained 			
Rubber Bonded Wheels	<ul style="list-style-type: none"> • Cleaner Finish • Faster 	<ul style="list-style-type: none"> • Cleaner Finish • Faster 	<ul style="list-style-type: none"> • Cleaner Finish • Faster 	



Scotch-Brite™ Hand Pads and Rolls

Hand Pads

Product	Color	Pkg.	UPC. No.
5440 (4" x 6")	Tan	10 pads/box 4 boxes/case	048011-16983
7440	Tan	10 pads/box 4 boxes/case	048011-04050
7440B	Tan	40 pads/box bulk pack	048011-18451
7445	White	20 pads/box 3 boxes/case	048011-16976
7445B	White	60 pads/box bulk pack	048011-17637
7446	Gray	10 pads/box 4 boxes/case	048011-04051
7446B	Gray	40 pads/box bulk pack	048011-18453
7447	Maroon	20 pads/box 3 boxes/case	048011-04029
7447B	Maroon	60 pads/case bulk pack	048011-04229
7448	Lt. Gray	20 pads/box 3 boxes/case	048011-04028
7448B	Lt. Gray	60 pads/case bulk pack	048011-14049

A select group of Scotch-Bright webs cut into 6" x 9" (the #5440 are 4" x 6") sheets available in a variety of grades ranging from light duty cleansing to heavy duty.



Sponge Laminates

Consist of Scotch-Bright material laminated to a 3-1/2" x 6-1/4" cellulose sponge.

Product	Color	Pkg.	UPC. No.
74	Yellow/Green	20 sponges/case bulk pack	048011-20688

Hand Pads for Finishing		Starting Point	Hand Pads for Cleaning	
Finer Finish Less Aggressive	7448	7447	7440	5440
Finer Finish Less Aggressive	7445	7447	7440	5440

Production Hand Pad No. 8447

This Scotch-Bright pad delivers higher cut, longer life and a better finish. Use on aluminum, stainless steel, plastics, wood and fiberglass. Ideal for paint preparations, surface blending and scuffing. 3M's patented perforated pad tears easily into two convenient 4-1/2" x 6" pads.

Product	Color	Pkg.	UPC. No.
8447	Maroon	20 pads/box 3 boxes/case	048011-24037



Clean & Finish Rolls

Can be used for hand cleaning, blending, finishing. Can be cut to desired length for oscillating sanders.

Color: Type A - Maroon, Type S - Gray, Type F - White



Cut & Polish Rolls

Scotch-Bright Cut & Polish Rolls outlast and outperform ordinary emery cloth & utility rolls around angles, odd shapes, inside & outside diameters.

Applications: Stripping pipe ends for sweat soldering or welding, general cleaning and deburring odd shaped materials.

Color: Tan



Size	Rolls/Case	A CRS	A MED	A FIN	A VFN	F SFN	S MED	S FIN	S VFN	S SFN	S ULF	T
Clean & Finish Rolls												
2" x 30 ft.	6		00292	00291	00260							
3" x 30 ft.	4		00296	00261							00299	
4" x 30 ft.	3	00302	00264	00265	00266	00263	05170	00269	00270	00267	00268	00262
5" x 30 ft.	2				00273							
6" x 30 ft.	2	00306	00274	00275	00276	00307			00278	00308	00277	00252
Cut & Polish Rolls												
1" x 30 ft.	12		04085		05733							
2" x 30 ft.	6		05206									
4" x 30 ft.	3		05207									
6" x 30 ft.	2		09024									

* Add prefix 048011- to UPC No. when ordering

Abrasives

3M Abrasives

Sheet Rolls

Multi-Flex Abrasive Sheets. A tough, highly conformable, sharp cutting, non-woven abrasive for cleaning & finishing surfaces by hand.

Color: A VFN - Purple, S ULF - Gray



Size (in)	Sheets/Roll	Grade & UPC No.	
		A VFN	S ULF
8" x 4"	60	07521	07522

*Add Prefix 051131- to UPC No. when ordering.

Accessories – Hand Pads & Rolls

Pad Holders No. 961

The Twist-Lok Pad Holder No. 961 can be used with hand pads & roll material cut to 4" x 6".



Product	Holder/Case	UPC No.
961	10	048011-09493

3M™ Mini Mandrel No. 935

Use with 1" x 1-1/2" pieces of Scotch-Brite material to fit into tight areas. The overall mandrel length is 2-7/8" with a 1/4" shank.



Product	Mandrels/Case	UPC No.
935	5	048011-04020

Maximum Operating RPMs: 14,000

Coated Abrasive Sheets & Rolls:

3M™ 341T 3M Blue Grit Utility Cloth X Wt.

3M™ 311T 3M Blue Grit Utility Cloth J Wt.

Tough aluminum oxide mineral bonded to cloth with 3M's heat resistant Resinite™ system. This special bonding technique allows for a more uniform coating. Your advantage is a consistent scratch pattern.

Get the "TRUE BLUE" advantage in all operations: Contour sanding, strapping, deburring, rust removal, cut-down prior to polishing, all general maintenance work.



3M™ 241K Three-M-ite™ Elek-Tro-Cut™ X Wt.

3M™ 211K Three-M-ite™ Elek-Tro-Cut™ Cloth J Wt.

These products have many uses in both production and maintenance jobs. They have a flexible cloth backing and are coated with aluminum oxide mineral.

3M™ 001K Crystal Bay™ Crocus Cloth

For very fine metal finishing.

3M™ 011K Crystal Bay™ Emery Cloth

Glue bond, closed coat, for non-technical use by hand in sheet form.

Sheets Size (in)	Prod. I.D.	Min. Pkg./Case	Grade & UPC No.*								
			36X	40X	50X	60X	80J	100J	120J	150J	
9 x 11	341T/311T	50/250	02463	02462	02461	02460	02459	02458	02457		
			180J	220J	240J	280J					
			02456	02455	02454	02453					
9 x 11	241K/211K	50/250	02414	02412	02411	02410	02409	02408	02407		
			180J	220J	240J	280J	320J	400J	500J		
			02406	02405	02404	02403	02402	12501	12500		
9 x 11	001K	50/250	02435								
9 x 11	011K	20/250	02433	02432	02431						

*Add prefix 051144- to UPC No. when ordering

Coated Abrasive Sheets & Rolls (continued)

3M™ 341T 3M Blue Grit Utility Cloth X Wt.

3M™ 311T 3M Blue Grit Utility Cloth J Wt.

3M™ 241K Three-M-ite™ Elek-Tro-Cut™ X Wt.

3M™ 211K Three-M-ite™ Elek-Tro-Cut™ Cloth J Wt.

3M™ 001K Crystal Bay™ Crocus Cloth

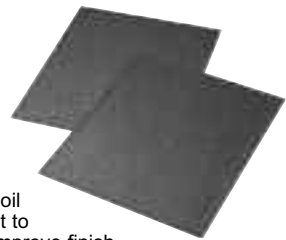
3M™ 001K Crystal Bay™ Emery Cloth

ROLLS Size	Prod. I.D.	Min. Pkg./Case	Grade & UPC No.*							
			40X	50X	60X	80J	100J	120J	150J	
1" x 50 yds.	341T/311T	1/5	05112	05111	05110	05109	05108	05107		
			180J	220J	240J	280J				
			05106	05105	05104	05103				
1-1/2" x 50 yds.	341T/311T	1/5	05127	05126	05125	05124	05123	05122		
			180J	220J	240J	280J				
			05121	05120	05119	05118				
2" x 50 yds.	341T/311T	1/5	05143	05142	05141	05140	05139	05138	05137	
			180J	220J	240J	280J				
			05136	05135	05134	05133				
1" x 50 yds.	241K/211K	1/5	05011	05010	05009	05008	05007			
			180J	220J	240J	280J	320J	400J	500J	
			05006	05005	05004	05003	05002	05001	05000	
1-1/2" x 50 yds.	241K/221K	1/5	05032	05031	05030	05029	05028	05027		
			180J	220J	240J	280J	320J	400J	500J	
			05026	05025	05024	05022	05021	05020		
2" x 50 yds.	241K/211K	1/5	05054	05052	05051	05050	05049	05048	05047	
			180J	220J	240J	280J	320J	400J	500J	
			05046	05045	05044	05043	05042	05041	05040	

*Add prefix 051144- to UPC No. when ordering.

9" x 11" Wetordry™ Abrasive Sheets

3M Wetordry™ sheets use a silicon carbide abrasive for efficient cutting and high wear resistance. They feature a waterproof resin-over-resin bond that resists heat and holds the abrasive particles more firmly than conventional glue or resin-over-glue bonds. Because the sheets are resistant to oil and water, they can be used with a lubricant to reduce clogging, extend abrasive life, and improve finish.



3M™ 413Q Wetordry Tri-M-ite Paper A Wt.

3M™ 431Q Wetordry Tri-M-ite Paper C Wt.

Size (in)	Prod. I.D.	Min. Pkg./Case	Grade & UPC No.*							
			60	80	100	120	150	180	220	
9 x 11	413Q	50 slv/500	02007							
			240	280	320	360	400			
			02004	02003	02002					
9 x 11	50 slv/250	50 slv/250	02006	02005						
			240	280	320	360	400			
			02006	02005						
9 x 11	431Q	50 slv/500	02019							
			240	280	320	360	400			
			10699	10697	10695					
9 x 11	50 slv/250	50 slv/250	02018	02017	02016	02015	02014			
			240	280	320	360	400			
			02018	02017	02016	02015	02014			

*Add prefix 051144- to UPC No. when ordering.

3M Abrasives

Fibre Discs

3M™ TN Quick Change Fibre Discs

TN "Quick Change" is a system in which each disc has its own mounting nut hardware (5/8" - 11) thread & can be mounted directly on the tool with the proper accessory backup system. This enables the operator to change the product in a very efficient manner, and there is no need for a retainer nut or spanner wrench. *This system is compatible with 3M Disc Pad Hubs and Face Plates as well as other backup systems*



3M™ 381C Three-M-ite™ Type "C"

3M™ 785C Regalite™ Polycut Fibre

3M™ 984C Regal™ Resin Bond Fibre

Size (in)	Prod. I.D.	Min. Pkg./Case	Grade & UPC No.*							
			36	50	60	80	P100	100	P120	120
4-1/2	381C	25/100	88847	88848	88849	88850			88851	88852
7	381C	25/100	88853	88854	88855	88856			88857	88858
4-1/2	785C	25/100	88778	88779	88780	88826	88827			88828
7	785C	25/100	88829	88830	88831	88832	88833			88834
4-1/2	984C	25/100	88835	88836	88837	88838	88839			88840
7	984C	25/100	88841	88842	88843	88844	88845			88846

*Add prefix 051144- to UPC No. when ordering.

Roloc™ Discs

3M™ 977F Regalloy Resin Bond Cloth

3M™ 963G Regal™ Resin Bond Cloth

YN Wt. Grades 24-80

XF Wt. Grades P100 and P120

3M™ 984C Regal™ Resin Bond Fibre

All 4" Products

3M's Cubitron ceramic aluminum oxide on a polyester backing for grinding and deburring carbon steel & aluminum.



Size Dia. (in)	Prod. I.D.	Min. Pkg./Case	Grade & UPC No.*							
			24	36	40	50	60	80	P100	P120
Roloc Discs										
1	963G	50/500				11422	11428	11427		11425
1-1/2	963G	50/500		11450		11449	11448	11455	11454	11453
2	963G	50/200	11113	11112		11111	11110	11109	11107	11106
2	977F	50/200		83587		83588	83589			
3	963G	50/200	11108	11105		11104	11103	11102	11101	11100
3	977F	50/200		83590		83591	83592			
4	984C	25/100		83696		83697	83698	83699		
Roloc TS Discs										
1	963G	50/500								
1-1/2	963G	50/500				82121				
2	963G	50/200		82114		82118	82122	82126		82090
3	963G	50/200				82119	82123	82127		
Roloc TP Discs										
1	963G	50/500				82136				
1-1/2	963G	50/500								82093
2	963G	50/200								82094
3	963G	50/200		82131		82135	82161	82142		82095

*Add prefix 051144- to UPC No. when ordering.
Kut stock items

Roloc™ Discs

3M™ 983C Regal™ Resin Bond Fibre

Grades 36, 60 & 80

Cubitron mineral coated on a 30 mil fibre backing for aggressive applications where reduced edgewear and firm support is desired.



Size Dia. (in)	Prod. I.D.	Min. Pkg./Case	Grade & UPC No.*							
			24	36	40	50	60	80	P100	
Roloc Discs										
2	983C	50/200				22352			22353	22354
3	983C	50/200				22349			22350	22351
Roloc TS Discs										
2	983C	50/200				82096			82098	
3	983C	50/200				82097			82099	82101
Roloc TP Discs										
2	983C	50/200								
3	983C	50/200				82105				

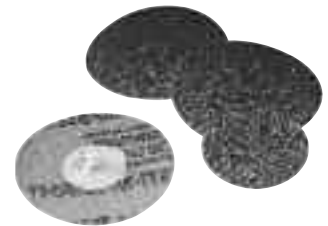
* Add prefix 051144- to UPC No. when ordering.

Roloc™ Discs

3M™ 361F Three-M-ite™ Resin Bond Cloth

YF Wt. Grades 24-150, XF Wt. P180-P320

General purpose grinding, blending and deburring on all metals: aluminum oxide on tough, polyester backing.



Size Dia. (in)	Prod. I.D.	Min. Pkg./Case	Grade & UPC No.*							
			24	36	40	50	60	80	P100	P120
Roloc Discs										
1	361F	50/500	24	36	40	50	60	80	P100	P120
			11413	11412		11411	11417	11416	11415	11414
			P150	P180	P240	P320				
1-1/2	361F	50/500	24	36	40	50	60	80	P100	P120
			11452	22396		11137	22397	22407	22408	22409
			P150	P180	P240	P320				
2	361F	50/200	24	36	40	50	60	80	P100	P120
			11000	22398		22399	22400	22401	22402	22403
			P150	P180	P240	P320				
3	361F	50/200	24	36	40	50	60	80	P100	P120
			22392	22393		22394	22395	22404	22405	22406
			P150	P180	P240	P320				
4	361F	25/100	24	36	40	50	60	80	P100	P120
				76429			11421	11420		
			P150	P180	P240	P320				
Roloc TS Discs										
			24	36	40	50	60	80	P100	P120
1	361F	50/500				97669				
1-1/2	361F	50/500					76789			
2	361F	50/200				97680	76790	76794	97681	
3	361F	50/200				97686	76791	76795	80051	
Roloc TP Discs										
			24	36	40	50	60	80	P100	P120
1	361F	50/500	97691				76804	76808	77114	
1-1/2	361F	50/500				82400		76809		
2	361F	50/500		76798	82401	76802	76806	76810	77115	76778
3	361F	50/200		76799	82402	76803	76807	76811	77116	

*Add prefix 051144- to UPC No. when ordering.

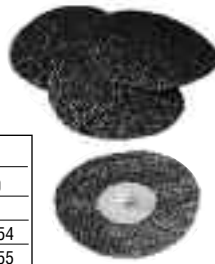
Abrasives

3M Abrasives

Roloc™ Discs

3M™ 461F Tri-M-ite™ Resin Bond Cloth YF Wt.

Tri-M-ite Resin Bond Cloth Roloc Discs are silicon carbide on a polyester backing for grinding glass, titanium & non-ferrous materials.



Size Dia. (in)	Prod. I.D.	Min. Pkg./Case	Grade & UPC No.*				
			24	36	40	50	60
Roloc Discs							
2	461F	50/200				12956	12954
3	461F	50/200	12958			12957	12955

* Add Prefix 051144- to UPC No. when ordering
Kut stock items

Roloc™ Surface Conditioning Discs

Scotch-Bright Roloc discs provide a burr-free surface suitable for painting or coating. These discs can also be used for removal of light rust, oxides, and coatings.

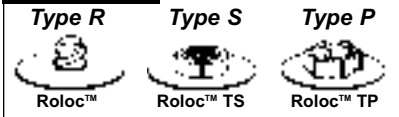
Color: A VFN - Blue, A MED - Maroon, A CRS - Brown, S SFN - Gray

Compatibility of Roloc™ Disc Attaching System

3M (1/2 Turn off & on)	Screw On	Press On
Roloc	N/A	Type III
Roloc+	N/A	N/A
Roloc TP	N/A	Power Lock
Roloc TS	Quick Change	Type II



ARBOR TYPES



Size	Max. Oper. RPMs	Discs/Case	Mineral Type/Grade UPC No.*			
			A CRS	A MED	A VFN	S SFN
Roloc						
1" x NH	30,000	200	15393	15392	15391	
1-1/2" x NH	30,000	200	08764	08765	08766	08767
2" x NH	25,000	200	05528	05527	05523	05522
3" x NH	18,000	100	05532	05531	05530	05529
4" x NH	12,000	100	12954	12953	12952	
Roloc TS						
1-1/2" x NH	30,000	200	13249	13250	13251	
2" x NH	25,000	200	13253	13254	13255	13256
3" x NH	18,000	100	13257	13258	13259	13260
Roloc TP						
2" x NH	25,000	200	13237	13238	13239	
3" x NH	18,000	100	13241	13242	13243	

* Add prefix 048011- to UPC No. when ordering

Roloc™ SE Surface Conditioning Discs

Scotch-Brite "SE" surface conditioning products feature a coarser, tougher and more aggressive and abrasive impregnated web construction than regular Scotch-Brite surface conditioning products. Use for heavier deburring, cleaning and finishing applications.

Grade	Front Color	Back Color
A CRS	Brown	Blue
A MED	Maroon	Blue

Size	Max. Oper. RPMs	Discs/Case	Mineral Type/Grade UPC No.*	
			A CRS	A MED
Roloc SE				
2" x NH	25,000	200	18081	18471
3" x NH	18,000	25	18082	18472
4" x NH	12,000	25	18243	
Roloc TS SE				
2" x NH	25,000	200	18085	
3" x NH	18,000	100	18086	
Roloc TP SE				
2" x NH	25,000	200	18083	
3" x NH	18,000	100	18084	



* Add prefix 048011- to UPC No. when ordering

EXL Roloc™ Unitized Wheels

Roloc unitized wheels are strong, efficient products for edge deburring and finishing. They perform well in a variety of metal working applications and on intricate machined parts where close tolerances are important. The Roloc, Roloc TS or Roloc+ holding systems make changing unitized wheels quick & easy.



Wheel	Color	Lettering
8A CRS	Tan	Orange
8A MED	Tan	Orange
6A MED	Tan	Red
6S FIN	Gray	Green
2A MED	Gray	Black
2S FIN	Gray	Purple

Size Dia. (in)	Wheels/Case	Max. Oper. RPMs	Mineral Type/Grade UPC No.*					
			8 A CRS	8 A MED	6 A MED	6 S FIN	2 A MED	2 S FIN
EXL Roloc Unitized Wheels								
2	60	22,100	17194	17192	17190	17187	17185	17183
3	40	15,100	17195	17193	17191	17189	17186	17184
EXL Roloc TS Unitized Wheels								
2	60	22,100+	17198	17848	17202	17846	17844	17842
3	40	15,100+	17199	17849	17203	17847	17845	17843

* Add Prefix 048011- to UPC No. when ordering.

Roloc™ Bristle Discs

3M Roloc Bristle Discs are ideal for safety cleaning and stripping a wide variety of substances off of metal. The 3M Bristle Disc will easily cut through hardened enamel paint, thick dried adhesive & layers of corrosion without destroying the underlying metal or compromising your safety. In addition, the 3M Bristle Disc does not clog-up with the substances you are trying to remove, giving you a consistent finish throughout the life of the disc. 3M Bristle Discs come in sizes from 1 inch Roloc™ to 7 inch x 5/8-11 thread. For hard to reach areas, try the 3 inch Radial 3M Bristle Disc. Most 3M Bristle Discs come in grades 50, 80 and 120.



Color: 50X - Green / 80X - Yellow / 120X - White

Mineral: Regalite™ Mineral

Size Dia. (in)	Trim (T=Tapered)	Min. Pkg/Case	Max. Oper. RPM's	Grade & UPC No.*		
				50	80	120
1	5/8"	20/80	30,000	18698	18706	18710
2	1/2"	10/40	25,000			18537
	5/8T	10/40	25,000	18730	18732	18733
3	1/2"	10/40	18,000		18535	18538
	5/8T	10/40	18,000	18734	18736	18737
4.5	5/8"-11 Thread	5/10	12,000	24241	24242	24243
7	5/8"-11 Thread	5/5	6,000	07577	07578	

* Add prefix 048011- to UPC No. when ordering

Roloc™ Radial Bristle Discs

3M Radial Bristle Discs are abrasive-filled products with unique features designed to increase productivity in the following applications:



- Remove adhesive, paint and other coatings, discoloration, heavy oxides, and surface contaminants.
- Deburr and blend.
- Clean & prepare surfaces before and after welding.

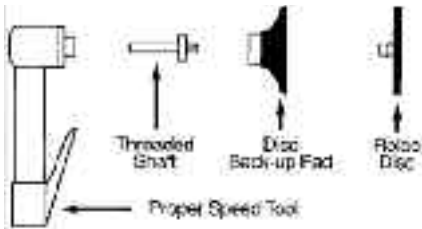
Flexible bristles conform to the part and clean without removing base material reducing damage and rework. The unique bristle pattern reaches tight or awkward areas such as grooves and along 90° angles.

Size Dia. (in)	Trim (T=Tapered)	Min. Pkg/Case	Max. Oper. RPM's	Grade & UPC No.*		
				50	80	120
3		10/40	25,000	24276	24277	24278

* Add prefix 048011- to UPC No. when ordering

3M Abrasives

ACCESSORIES—Roloc™ Discs



3M™ Roloc™ Disc Pads

Rubber back-up pads are available in different diameters & degrees of hardness for varying grinding applications. Pads are female threaded to receive any standard 1/4"-20 thread shaft.

Dia. (in)	Hardness	Max. Oper. RPM's	UPC No.	
1	Med.	30,000	051144-45101	
1-1/2	Hard	30,000	051144-45100	
1-1/2	Med.	30,000	051144-45099	
1-1/2	Soft	30,000	051144-45098	
2	Extra Hard	25,000	051144-45097	
2	Hard	25,000	051144-45096	
2	Med.	25,000	051144-45095	
2	Soft	20,000	051144-45094	
3	Extra Hard	20,000	051144-45093	
3	Hard	20,000	051144-45091	
3	Med.	18,000	051144-45092	
3	Soft	15,000	051144-45090	
4	5/8"-11	Hard	12,000	051144-83489
4	Med.	12,000	051144-45179	
1/4" Threaded Shaft			051144-45102	



3M™ Roloc™ TS Disc Pads

For use with 3M TS grinding discs & "screw on" abrasive discs.

Dia. (in)	Hardness	Max. Oper. RPM's	UPC No.
1	Med.	30,000	051144-77724
1-1/2	Hard	30,000	051144-77728
1-1/2	Med.	30,000	051144-77729
2	Extra Hard	25,000	051144-77733
2	Hard	25,000	051144-14212
2	Med.	25,000	051144-14211
3	Extra Hard	20,000	051144-77737
3	Hard	20,000	051144-14216
3	Med.	18,000	051144-14215
3	Soft	15,000	051144-77738
4	Med.	12,000	051144-77740
1/4" Threaded Shaft			051144-45102



3M™ Roloc™ TP Disc Pads

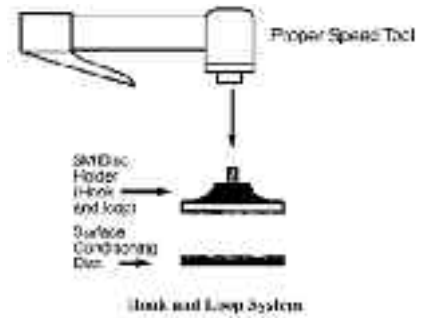
For use with 3M TP grinding discs and with press on type abrasive discs.

Dia. (in)	Hardness	Max. Oper. RPM's	UPC No.
1	Med.	30,000	051144-77723
1-1/2	Hard	30,000	051144-77725
1-1/2	Med.	30,000	051144-77726
1-1/2	Soft	30,000	051144-77727
2	Hard	25,000	051144-14198
2	Med.	25,000	051144-14197
2	Soft	20,000	051144-77732
3	Extra Hard	20,000	051144-77735
3	Hard	20,000	051144-14202
3	Med.	18,000	051144-14201
3	Soft	15,000	051144-77736
4	Med.	12,000	051144-77739
1/4" Threaded Shaft			051144-45102



Surface Conditioning Discs:

Surface conditioning discs and Roloc discs and wheels can be used on right angle grinders and die grinders.



Surface Conditioning Discs (Hook & Loop)

Scotch-Brite Surface conditioning Discs are best for finishing, cleaning and light deburring on flat metal surfaces. Used on right angle (high speed and low speed), orbital, and dual action power hand tools.

Color: A CRS - Brown / A MED - Maroon / A VFN - Blue / S SFN - Gray

Size (in)	Discs/Case	Mineral Type/Grade UPC No.*			
		A CRS	A MED	A VFN	S SFN
1-1/2 x NH	200	04118	04122	04275	04126
2 x NH	200	07458	07459	04276	04127
3" x NH	100	04120	04124	04277	04128
4" x NH	100	07450	007451	04278	04129
4-1/2 x NH	50	14101	14100	14099	14102
5 x NH	50	00750	00643	04303	00647
5 x 7/8	50	16047	00644		
6 x NH	50	03927	03928	04304	
7 x NH	25	00751	00645	04305	00648
8 NH	25	00752	00670	04306	00649



*Add prefix 048011- to UPC No. when ordering.

Minimum Operating RPM'S	
1-1/2" dia. - 25,000	5" dia. - 10,000
2" dia. - 23,000	6" dia. - 8,000
3" dia. - 20,000	7" dia. - 6,000
4" dia. - 13,000	8" dia. - 6,000
4-1/2" dia. - 13,000	

The lower of the disc or the disc pad MOS rating must always be used

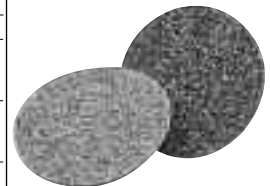
Surface Conditioning Discs:

SE Surface Conditioning Discs (Hook & Loop)

"SE" Surface Conditioning Discs feature a coarser, tougher, more aggressive web construction than our regular surface conditioning discs for heavier deburring, cleaning & finishing applications.

Color: A CRS - Brown / A MED - Maroon / A VFN - Blue / S SFN - Gray

Size (in)	Discs/Case	Mineral Type/Grade UPC No.*			
		A CRS	A MED	A VFN	S SFN
2 x NH	200				18473
3 x NH	100				18474
4 x NH	100	18021			18475
4-1/2 x NH	50	18079			18476
5 x NH	50	18080			18919
6 x NH	50				19658
7 x NH	25	17866			18477
8 x NH	25	17239			



*Add prefix 048011- to UPC No. when ordering

Maximum Operating RPM'S	
1-1/2" dia. - 25,000	5" dia. - 10,000
2" dia. - 22,000	6" dia. - 8,000
3" dia. - 18,000	7" dia. - 6,000
4" dia. - 13,000	8" dia. - 6,000
4-1/2" dia. - 13,000	

The lower of the disc or the disc pad MOS rating must always be used

Abrasives

3M Abrasives

Surface Conditioning Discs

Coating Removal Discs (Hook & Loop)

The coating Removal Disc features our popular Clean & Strip web for right angle tools. This rugged open web is virtually non-loading to make surface preparation faster & easier. Aggressively tackles your toughest cleaning jobs.

Size (in)	Discs/Case	Mineral Type/Grade	UPC No. SXCS
4 x NH	40		048011-18481
4-1/2 x NH	40		048011-18482
5 x NH	40		048011-18483
7 x NH	20		048011-18485
Recommended Operating RPM'S:			
4" dia - 5,000-8,000		5" dia. - 4,200-6,300	
4-1/2" dia. - 4,700-7,000		7" dia. - 3,000-4,500	



3M™ Bristle Discs

3M Bristle Discs are abrasive-filled products with unique features designed to increase productivity and promote safety in the following applications:

- Remove adhesive, paint & other coatings, stains, heavy oxides, and surface contaminants.
- Clean and prepare surfaces before & after welding
- Scuff surfaces prior to painting



3M Bristle Discs, 4.5"

Description	UPC No.	Max. Oper. Speed	Discs Per Box	Boxes Per Case
Bristle Disc 50 - green	048011-24241-5	12,000	5	2
Bristle Disc 80 - yellow	048011-24242-2	12,000	5	2
Bristle Disc 120 - white	048011-24243-9	12,000	5	2

Clean & Strip Discs

Handle tough cleaning & stripping jobs with an extra coarse, open web. Designed to work faster & safer than wire brushes.

Scott-Brite Clean & Strip discs are surface conditioning web cut into circular discs to the customer's diameter and center holes specifications. Discs can be used single or multiple loaded onto a spindle and used on edge.

Size	Discs/Case	Max. Oper. RPM's	Mineral Type/Grade	UPC No. S XCS
2 x 1/4"	100	12,000		00931
3 x 1/4"	50	8,500		00935
3 x 1/2"	50	8,500		00937
4 x 1/4"	25	6,000		07460
4 x 3/8"	25	6,000		00940
4 x 1/2"	25	6,000		00941
4 x 5/8"	25	6,000		00942
5 x 1/2"	25	5,000		00943
6 x NH	15	4,000		00945
6 x 1/4"	15	4,000		00946
6 x 3/8"	15	4,000		00947
6 x 1/2"	15	4,000		00948
6 x 5/8"	15	4,000		00949
6 x 7/8"	15	4,000		00950
7 x 5/8"	15	3,500		00954
7 x 7/8"	15	3,500		00955
8 x 1/2"	15	3,000		00957
8 x 5/8"	15	3,000		00958

Applications: Stripping paint from metal surfaces, inspecting welds, removing coatings & preparing surfaces for recoating, cleaning concrete molds and forms, general plant maintenance.

Color: Black



*Add prefix 048011- to UPC No. when ordering

Scotch Brite™ High Strength Discs

MED: Very conformable. For finishing using bench motors, horizontal grinders or drill motors.

Applications: Antique finishing or highlighting, satin finishing aluminum extrusions, oxide and light coating removal, stainless steel finishing.

Color: Type A - Maroon

VFN: Designed for light deburring work. A built-in lubricant provides longer life. Very comfortable and excellent for finer antique finishing.

Applications: Light gear deburring, keyway and o-ring slot edge radius-ing, antique finishing builders hardware.

Color: Type A - Maroon / Type S - Brown

Size	Discs/Case	Max. Oper. RPM's	A MED	A VFN	S VFN
6 x 1/4"	100	4,000		00666	16777
6 x 1/2"	100	4,000	04188	00665	16778
8 x 1/4"	50	3,000		00673	
8 x 1/2"	50	3,000	03992	00672	16780
8 x 3/4"	50	3,000			05304



*Add prefix 048011- to UPC No. when ordering

ACCESSORIES – Surface Conditioning Discs & Intro. Packs

3M™ Disc Pad Holders (Hook & Loop)



Disc Pad Holder No. 905



Disc Pad Holder No. 917



Disc Pad Holder No. 922

Prod.	Dia. (in)	Hub-Shank	Max. Oper. RPM's	Pads/Case	UPC No.
9215	1-1/2	1/4" M	25,000	10	048011-04130
922	2	1/4" M	23,000	10	048011-07494
923	3	1/4" M	20,000	10	048011-04132
924	4	1/4" M	13,000	5	048011-07492
914	4	1/2" - 13F	13,000	1	048011-05673
914	4	5/8" - 11F	13,000	1	048011-05674
914	4	M14 - 2.0F	13,000	1	048011-05677
9145	4-1/2	1/2" - 13F	13,000	1	048011-14110
9145	4-1/2	5/8" - 11F	13,000	1	048011-14111
9145	4-1/2	M10-1.25F	13,000	1	048011-14112
9145	4-1/2	M14 - 2.0F	13,000	1	048011-14114
905	5	5/16" - 24M	10,000	1	048011-09448
915	5	1/2" - 13F	10,000	1	048011-05679
915	5	5/8" - 11F	10,000	1	048011-05680
915	5	M14 - 2.0F	10,000	1	048011-05681
906	6	5/16" - 24M	8,500*	1	048011-09449
916	6	5/8" - 11F	10,000	1	048011-05682
917	7	5/8" - 11F	6,000	1	048011-09450
918	8	5/8" - 11F	6,000	1	048011-09451
945	5	5/16" - 24M	12,000	1	051144-13625
947	7	5/8" - 11F	6,000	1	051144-13627
947M	7	M14 - 2.0F	6,000	1	051131-07394

* 10,000 on Random Orbital Sanders

M = Male Threaded - F = Female Threaded

Roloc™ + Holders

This holder is made of durable plastic for less critical grinding & surface conditioning applications. Use with EXL Roloc Unitized Wheels.

Prod.	Dia. (in)	Use With	Max. Oper. RPM's	Holders/Case	UPC No.
1	1	EXL Roloc Unitized Wheels	25,000	5	048011-15408
2	1-1/2	1-1/2" dia. Roloc Discs	25,000	5	048011-15409
3	2	2" dia. Roloc Discs	25,000	5	048011-15410
4	3	3" dia. Roloc Discs	20,000	5	048011-15411

Please call for additional information

Deburring Belts – Portable Tool

3M offers a complete line of coated abrasive belt constructions to meet all of your grinding, deburring and sanding needs.



3M™ 777F Regalite™ Polycut™ Resin Bond Cloth YF wt.

The product is a combination of 3M Cubitron™ mineral and special aluminum oxide minerals coated on a firm Y wt. synthetic backing. It also incorporates a grinding aid to provide optimum performance on stainless steel and nickel alloy off-hand and medium pressure grinding applications.

3M™ 741E Regalite™ Resin Bond Cloth XE Wt.

3M™ 751E Regalite™ Resin Bond Cloth XE Wt.

Unique combination of Cubitron and aluminum oxide minerals on strong rayon backing.

3M™ 241E Three-M-ite™ Resin Bond Cloth

XE Wt. Grades 50 & Finer

3M™ 251E Three-M-ite™ Resin Bond Cloth Type HO

XE Wt. Grades 36 & 40

A high performance aluminum oxide mineral coated on a firm synthetic backing, providing superior aggressiveness and edge wear resistance.

- continues -

3M Abrasives

Deburring Belts – Portable Tool (continued)

3M™ 240D Three-M-ite™ Resin Bond Cloth Open Coat X Wt.

3M™ 241D Three-M-ite™ Resin Bond Cloth X Wt.

Aluminum oxide X-weight cloth.

Size (in)	Prod I.D.	Min. Pkg/Case	Grade & UPC No.*						
			36	40	50	60	80	100	P120
1/4 x 24	741E/751E	50/200	#13280						
1/2 x 12	741E	50/200	#13276						
1/2 x 18	777F	50/200	#80551 #80232						
	741E	50/200	#13733						
1/2 x 24	777F	50/200	#77643	#77408		#77065	#77491	#81064	
	741E/751E	50/200	#13272						
3/4 x 20-1/2	741E	50/500	#13268						
1 x 30	777F	50/200	#82252		#77407				
	741E/751E	50/200							
1 x 42	777F	50/200	†76527		†77512				

Size (in)	Prod I.D.	Min. Pkg/Case	Grade & UPC No.*							
			36	40	50	60	80	100	120	
1/8 x 24	241E	50/200	#71053							
			150	180	220	240	320			
1/4 x 24	241E/251E	50/200	#30290 #26733 #26732 #32407 #26731							
			#26730 #26729							
			36	40	50	60	80	100	120	
1/2 x 12	241E/251E	50/200	#32417 #26895 #31170 #26894 #26983 #26892							
			#150 #180 #220 #240 #320							
			#31074 #32398							
1 x 12	241D	50/200	36		40	50	60	80	100	120
			26884 26881							
			150	180	220	240	320			
1/2 x 18	241E/251E	50/200	#77632 #72226 #72227 #72228 #14754 #72229							
			#150 #180 #220 #240 #320							
			36	40	50	60	80	100	120	
1/2 x 24	241E/251E	50/200	#32375 #26726 #26725 #26723 #26720 #26719 #26717							
			#150 #180 #220 #240 #320							
			26716 26715 26714 32399 26713							
1/2 x 42	241E	50/200	36 40 50 60 80 100 120							
			#34176							
			150	180	220	240	320			
3/4 x 20-1/2	241E/251E	50/200	#26784 #26783 #26782 #26781 #26780 #26779 #26778							
			#150 #180 #220 #240 #320							
			#26776							
1 x 30	241E/251E	50/200	#32161 #33911 #33912 #32157 #32158							
			#150 #180 #220 #240 #320							
			#32160							
1 x 42	241E	50/200	36 40 50 60 80 100 120							
			†32090							
			150	180	220	240	320			
1 x 42	241D	50/200	#26614 #26612 #31823 #26609 †31774 †26606 †33795							
			#150 #180 #220 #240 #320							
			†26602 †26601 †26600 †26599 †26597							
1 x 42	240D	50/200	36 40 50 60 80 100 120							
			150 180 220 240 320							
			26814							
1-1/2 x 18-15/16	241D	10/50	26822 26820 26819 26818 26816							
			#150 #180 #220 #240 #320							
			26814							

Belts – Portable Sanders

The product selection for portable belts ranges from our standard aluminum oxide to our premium 3M's proprietary Cubitron mineral and premium aluminum oxide. These belts deliver a fast cut which means a time savings for you!



3M™ 761D Y Wt.

The new 3M 761D portable belts are revolutionary step in the advancement of coated abrasive belt sanding for portable belt applications.

3M™ 241D Three-M-ite™ RB Cloth X Wt.

3M's standard aluminum oxide X-weight cloth.

3M™ 240D/240A Three-M-ite™ RB Cloth Open Coat X Wt.

An aluminum oxide, resin bonded open coat construction on an X-weight drills cloth backing, exhibiting greater flexibility than the closed coat version.

3M™ 441D Three-M-ite™ RB Cloth X Wt.

Silicon carbide mineral coated on a cloth backing.

Size (in)	Prod. I.D.	Min. Pkg/Case	Grade & UPC No.*						
			50	60	80	P100	P120	P150	
3 x 18	761D	5/25	81393	81394	81395	81396	81397	81398	
3 x 21	761D	5/25	81399	81400	81401	81402	81403	81404	
3 x 24	761D	5/25	81410	81411	81412	81413	81414	81415	
4 x 24	761D	5/25	81429	81430	81431	81432	81433	81434	

Size (in)	Prod. I.D.	Min. Pkg/Case	Grade & UPC No.* **							
			24	36	40	50	60	80	100	
3 x 18	241D**	10/40	01416-3 01417-0 01419-4 01420-0							
			120 150 180 220 240 320							
			01421-7							
240D	10/50		24		36	40	50	60	80	100
			120 150 180 220 240 320							
			71785							
3 x 21	241D**	10/40	02679-1	01422-4	01423-1	01424-8	01425-5	01426-2	01427-9	
			120 150 180 220 240 320							
			01428-6 01528-3 01529-0 02689-0							
240D/240A	10/50		24		36	40	50	60	80	100
			27501 27500 27499 27498 27497 27496							
			120 150 180 220 240 320							
441D	10/50		24		36	40	50	60	80	100
			27495 32943							
			120 150 180 220 240 320							
3 x 23-3/4	241D**	10/40	24		36	40	50	60	80	100
			02645-6 26740-8 02648-7							
			120 150 180 220 240 320							
240D/240A	10/50		24		36	40	50	60	80	100
			27483 27481 27480 27479							
			120 150 180 220 240 320							
3 x 24	241D**	10/40	24		36	40	50	60	80	100
			02681-4 01429-3 01430-9 01431-6 01432-3 01433-0 01434-7							
			120 150 180 220 240 320							
240D/240A	10/50		01435-4	01536-8	02657-9		02659-3			
			24 36 40 50 60 80 100							
			27477 27476 27475 27474 27473 27472 27471							
441D	10/50		24		36	40	50	60	80	100
			27470 27469 27468 71521							
			120 150 180 220 240 320							

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* Add Prefix 051144- to UPC No. when ordering.
† Filmlok - #Fabrlok - Kut stock Items

Abrasives

3M Abrasives

Portable Sander Belts (continued)

Size (in)	Prod. I.D.	Min. Pkg/Case	Grade & UPC No.* **						
			24	36	40	50	60	80	100
3-1/2 x 15-1/2	241D**	10/40	†77290-2	†26860-3	*02661-6	†26858-0	†26857-3	†26856-6	†26853-5
			120	150	180	220	240	320	
			*02663-0	26851-1	*02665-4				
4 x 21	241D	10/40	24	36	40	50	60	80	100
			120	150	180	220	240	320	
						01575-7			
240D	10/50		24	36	40	50	60	80	100
			120	150	180	220	240	320	
			74349			31412	27494	27493	
4 x 21-3/4	241D**	10/40	24	36	40	50	60	80	100
			120	150	180	220	240	320	
			02677-7			02669-2			
240D	10/50		24	36	40	50	60	80	100
			120	150	180	220	240	320	
			27485			27489	27488	27487	27486
4 x 24	241D**	10/40	02685-2	01436-1	01437-8	01438-5	01439-2	01440-8	01441-5
			120	150	180	220	240	320	
			01442-2		01539-9				
240D/240A	10/50		24	36	40	50	60	80	100
			120	150	180	220	240	320	
			27467-3	27466-6	27465-9	27464	27463	27462	27461
			27460	27459-8	27458				

* For product I.D. 240A, 240D & 441D, add prefix 051144- to UPC No. when ordering
 ** For Product I.D. 241D, add prefix 078-91040- to UPC No. when ordering
 † Add prefix 051144- to UPC No. when ordering
 • Add prefix -078-91040- to UPC No. when ordering
 Kut stock items

Scotch-Brite™ Surface Conditioning Belts

Scotch-Brite surface conditioning belts are used worldwide to finish, polish and buff metal, wood and plastic surfaces.

Recommended Operating Speeds:

Generally, low speeds are recommended for generating very uniform satin finishes, finishing aluminum alloys w/o lubricants, & woodworking applications. Higher speeds are recommended when removing imperfections prior to buffing. High belt speed will result in faster cut along with finer finishes.

Application	Recommended SFPM
Decorative Finishing	500 - 3,000 SFPM
Wood Sanding	1,200 - 2,700 SFPM
Deburring	5,000 - 6,500 SFPM
Cleaning & Conditioning	2,000 - 5,000 SFPM
Oxide Removal	4,500 - 6,500 SFPM

SFPM = Surface Feet Per Min.

Polishing: fewer steps

Scotch-Brite surface conditioning belts refine rough surfaces with little or no dimensional change to the workpiece – and they can finish the job in fewer steps than conventional products, while generating a uniform scratch pattern.

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Scotch-Brite™ Surface Conditioning Belts (continued)

Grindline conditioning: fast & easy

Grindlines, milling marks or microburrs left by cutting tools or other abrasives can be quickly and easily conditioned with Scotch-Brite belts, leaving a consistent & burr-free surface. The belts will also blend scratches & blemishes so they won't show through most paint systems. Surfaces conditioned with Scotch-Brite belts are easy-to-clean and easy-to-coat, reducing production steps and costs.

Satin Finishing: quick & consistent

With Scotch-Brite belts on your automatic equipment or portable power tools, you can quickly produce consistent satin finishes on a variety of metals. And using Scotch-Brite belts in tandem with 3M coated abrasive discs & belts on stainless steel, you can match #3 & #4 finishes.



Scotch-Brite™ Surface Conditioning Belts

Surface Conditioning Belts

A reinforced non-woven nylon material spliced into belt form provides a more consistent, more appealing finish in decorative finishing applications. Resists loading & reduces heat build-up, increasing life & improving performance. Designed for cleaning, finishing & light deburring operations using standard abrasive belt equipment.

V VFN - Blue, A MED - Maroon,
A CRS - Brown, S SFN - Gray



SE Surface Conditioning Belts

New Scotch-Brite brand "SE" surface conditioning products feature a more aggressive mineral in this non-woven nylon abrasive impregnated web construction than regular Scotch-Brite surface conditioning belts.

A CRS - Front Color = Brown / Back Color = Blue
A MED - Front Color = Maroon / Back Color = Blue

Size (in)	Belts/Case	Mineral Type/Grade UPC No.*				
		A CRS	A MED	A VFN	S SFN	T
1/4 x 18	20	13290	14276			
1/4 x 24	20	13132	13131	13287		
1/2 x 12	20		17515	19688		
1/2 x 18	20	08858	08857	08856	08855	
1/2 x 24	20	05741	03998	04299	17516	
3/4 x 18	20	13639	15899	14543	15898	
1 x 18	10	14278	14398	17517		
1 x 30	10	08887	08898	08920		
1 x 42	10		04189	04190		
2 x 18-15/16	10	08889				
2 x 34	10		08905			
2 x 48	10		08915	04295		
2 x 60	10	05020	08916	08922		
2 x 72	10		00580	00579		
2 x 132	5	05021	03999	04297		
2-1/2 x 60	10		00581			
2-3/4 x 15-1/2	10	05022	05227			
3 x 10-11/16	10	05820	05783	09650		
3 x 18	10	14284	14285	14550		
3 x 21	10		08906			
3 x 24	10	08880	00583	04298		
3 x 72	10		14548			
3 x 132	5	05023	00568	04289	08893	
3-1/2 x 15-1/2	10	05016	05228	05643	05644	14121
4 x 24	10		00585			
4 x 90	10					15879
4 x 132	5	05018	00570	04281		
4 x 168	5		00589			
6 x 48	5	05019	00590	04283		
SE						
1/4 x 18	20	18495				
1/4 x 24	20	18496				
1/2 x 18	20	18087	18480			
1/2 x 24	20	18088	18479			
3/4 x 18	20	19697				
3-1/2 x 15-1/2	10	18089	18478			

*Add prefix 048011- to UPC No. when ordering

3M Abrasives

Scotch-Brite™ Wheels

Scotch-Brite EXL wheels are unmatched in production & maintenance operations. Use them on portable power tools, bench motors, floor lathes and automatic or semi-automatic equipment to clean, deburr, blend, finish or polish all types of metals, composites or plastics.



An Extensive Range of Applications

EXL wheels can be used on many types of metal to create a uniform, burr-free surface.

- **Deburring** – Stamped parts (ferrous, non-ferrous, special metals); aircraft components; surgical instruments; aluminum extrusions; machined metal components.
- **Edge Radiusing** – Formed wire; cutlery; aluminum extrusions; machined parts; turbine blades.
- **Blending & Finishing** – Contours; grindlines; brazed surfaces; airfoils of turbine blades; compressor shafts; control panels; nameplates.
- **Polishing** – Gun barrels, valve spools; machined shafts; golf club heads; other machined parts prior to plating or other subsequent operations.

Technical Information:

Maximum Operating Speed: Wheels must be operated at or below specified maximum operating speeds (M.O.S.)

Replace these conventional products:

- Steel Wool
- Hand Files
- Carbide Burrs
- Handknives & Scrapers
- Sand Blasting
- Wire Brushes
- Tampico & Bristle Brushes
- Buffs & Compounds
- Rubber Bonded Wheels
- Set-up Wheels

Application	Recommended SFPM
Decorative Finishing	500 - 3,000 SFPM
Composite/Wood Sanding	1,200 - 2,700 SFPM
Cleaning & Conditioning	2,000 - 5,000 SFPM
Prepolishing	2,000 - 7,000 SFPM
Oxide Removal	4,500 - 6,500 SFPM
Deburring	5,000 - 6,500 SFPM
Blending/Polishing	6,000 - 8,000 SFPM
Cutdown Prior to Buffing	7,000 - 8,500 SFPM

SFPM = Surface Feet Per Min.

Scotch-Brite™ EXL Deburring Wheels

Available with either *silicon carbide* or *aluminum oxide* minerals, EXL wheels help manufacturers of high-tolerance parts meet increasingly stringent product quality and production efficiency requirements.



Aggressive and smooth running – EXL wheels run smoothly providing greater operator comfort, safety and control... especially beneficial when working with valuable parts.

Cool operation protects delicate parts – The open web construction of EXL wheels allows air to circulate across the work surface. This helps prevent overheating that causes discoloration and warping of thin and delicate materials.

Long life saves money – Extensive customer tests show that EXL wheels last much longer than other non-woven products while maintaining consistent performance and uniform wheel wear. More production parts per wheel means money saved.

Clean and safe – Nuisance dust from expended abrasive is greatly reduced compared to other types of non-woven wheels. And, there are no flying wires to endanger operators as with wire wheels.

New EX2 and EX3 Deburring and Finishing Wheels can provide additional value in many applications. Ask your 3M sales representative or distributor for additional information.

Size (in)	Wheels/Case	Max. Oper. RPM's	Density/Mineral Type/Grade/UPC No.*			
			8A MED	8S MED	8S FIN	9S FIN
6 x 1/2 x 1	4	6,000	13616	18277	09548	05790
6 x 1 x 1	3	6,000	13617	18278	09549	05132
6 x 1-1/2 x 1	2	6,000	18186			
6 x 2 x 1	2	6,000	13618			05133
8 x 3/8 x 3	4	4,500			14791	
8 x 1/2 x 3	4	4,500	17459		14629	05791
8 x 1 x 3	3	4,500	13619	18279	09551	05135
8 x 2 x 3	2	4,500	13620		09552	05136

* Add prefix 048011- to UPC No. when ordering.

Accessories: Use with 3M Flange Adapters No. 3 or 5 or 3M Flanges No. 355 or 356

Scotch-Brite™ EXL Unitized Deburring Wheels



Applications:

- Scotch-Brite EXL unitized wheels are excellent for deburring and polishing titanium, special alloys, composites and plastics. They are specially designed to minimize heat buildup on the work surface.
- Fine finishes on precision tooled pieces
- Aerospace, automotive, electronics and medical instrument manufacturers.
- Cool Running – Operators can apply more pressure to these wheels because they are less sensitive to heat buildup at the work surface.
- Safe & Clean – Synthetic fiber and resin construction eliminate danger of loose flying wires commonly associated with wire wheels. And, they are cleaner to use than buffs and compounds.
- Choose from a wide range of densities and grades for use on a variety of jobs from deburring precision threads to polishing welds.

Wheel	Color	Lettering	Wheel	Color	Lettering
2 S FIN	Gray	Purple	6 A FIN	Tan	Blue
2 S VFN*	Gray	Maroon	6 S FIN	Gray	Green
2 A MED	Gray	Black	6 A MED	Tan	Red
3 S FIN*	Gray	Pink	8 A MED	Tan	Orange
4 A FIN	Tan	Blue	8 A CRS	Tan	Orange
4 S FIN	Gray	Green	8 A XCRS*	Brown	Green

Accessories:
Use with 3M mandrels
* Kut Items

Size (in) Dia. x W x AH	Wheels/Case	UPC No. * (Max. Operating RPM's)					
		2A MED	2S FIN	4A FIN	6A MED	6S FIN	8A MED 8A CRS
1/2 x 1/8 x 1/8	120				15519 (40,100)		15518 (35,100)
1 x 1/8 x 1/8	100				15517 (35,100)	15864 (35,100)	15516 (35,100)
1 x 1/4 x 1/8	100		13734 (30,100)				
1 x 1 x 3/16	50				15859 (35,100)		
1 x 1 x 3/16	50	15527 (25,100)	13713 (30,100)		14063 (35,100)	13753 (35,100)	13752 (35,100)
1-1/2 x 1/8 x 3/16	80				15515 (30,100)		
1-1/2 x 1/4 x 1/8	80		13714 (20,000)				
1-1/2 x 1/4 x 3/16	80	14746 (20,100)					
2 x 1/8 x 3/16	60				15512 (22,100)		15511 (22,100)
2 x 1/4 x 1/8	60		13736 (16,100)				
2 x 1/4 x 3/16	60		15513 (16,100)				
2 x 1/4 x 1/4	60	15529 (16,100)	13932 (16,100)				13755 (22,100)
2 x 1/2 x 1/4	30		13715 (16,100)				
3 x 1/8 x 1/4	40					15462 (18,100)	
3 x 1/4 x 1/4	40	15531 (12,100)	13716 (12,100)		14067 (18,100)	13764 (18,100)	13763 (18,100)
3 x 1/4 x 3/8	40	16054 (12,100)	14750 (12,100)	14751 (18,100)	15118 (18,100)	14752 (18,100)	14753 (18,100)
3 x 1/2 x 1/4	20	15532 (10,000)	13717 (10,000)				13767 (15,100)*
3 x 1/2 x 3/8	20						
3 x 3/4 x 1/4	10		13718 (10,000)				
3 x 1 x 1/8		24358 (9,000)					
4 x 1/4 x 1/4	20		13739 (8,500)				
6 x 1/4 x 1/2	8	17498 (4,500)	13741 (5,000)				13777 (7,500)
6 x 1/2 x 1/2	4	15534 (4,500)	13719 (5,000)				
6 x 1/2 x 5/8	4		15831 (5,000)				
6 x 1/2 x 1	4	16545 (4,500)	14379 (5,000)				
6 x 1 x 1/2	2		13742 (5,000)				

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Abrasives

3M Abrasives

Scotch-Brite™ EXL Unitized Deburring Wheels (continued)

Size (in) Dia. x W x AH	Wheels/ Case	UPC No.* (Max. Operating RPM's)					
		2A MED	2S FIN	4A FIN	6A MED	6S FIN	8A MED 8A CRS
6 x 1 x 1	2	16544 (4,500)	13743 (5,000)				13788 (7,500)
8 x 1/4 x 1/2	8		15827 (4,000)				
8 x 1/2 x 1/2	4		15844 (4,000)				
8 x 1/2 x 3/4	4		15824 (4,000)				
8 x 1/2 x 1	4	16546 (3,500)	15823 (4,000)				

* Add prefix 048011- to UPC No. when ordering. Stock sizes by Grade. Other grades and sizes available.

Clean and Strip Cup Wheels

Cup Wheels will fit a wide range of right angle grinders (3" & 4" diameter sizes have the convenient spin-on feature) with a broad selection of thread sizes.

Application: Aggressive, long lasting, cleaning and coating removal & other tough MRO uses.



Size Dia. x Thd.	Wheels/ Case	Max. Oper. RPM's	Mineral Type/Grade UPC No.* S XCS
3" x 3/8 - 24	5	18,100	04151
4" x 3/8 - 24	4	12,100	04217
4" x 1/2 - 13	4	12,100	04152
4" x 5/8 - 11	4	12,100	04153
4" x M10 - 1.25	4	12,100	05519
4" x M10 - 1.5	4	12,100	04218
4" x M14	4	12,100	04154
6" x 7/8**	2	7,000	04237

* Add prefix 048011- to UPC No. when ordering

Accessories: Use 6" diameter cup wheel with the 3M Flap Disk Holder Kit T27, UPC 051144-88769-9.

The lower of the wheel of holder MOS rating must always be used.

Multi-Finishing Wheels

The Wheel for producing uniform grain finishes on stainless steel & other metals – Multi-Finishing wheels are highly conformable, soft wheels that create uniform and attractive final finishes on ferrous and non-ferrous metals. Tough enough to finish edges and welds and soft enough to final finish large, flat surfaces.



Size (in) Dia. x W x AH	Wheels/ Case	Density/Mineral Type/Grade UPC No.*		
		2S CRS	2S MED	2S FIN
6 x 1 x 1	3	13170-2	13171-9	13172-6
6 x 2 x 1	2	13176-4	13177-1	13178-8
6 x 3 x 1	1	13179-5	13180-1	13181-8
6 x 4 x 1	1		13358-4	
8 x 1 x 3	3	13182-5	13183-2	13184-9
8 x 2 x 3	2	13185-6	13186-3	13187-0

* Add prefix 048011- to UPC No. when ordering

Note: Additional sizes available as stock or made-to-order.

Cut & Polish Wheels

Heavy duty wheels for aggressive blending & finishing – Long-lasting and aggressive, Cut and Polish wheels perform well on all kinds of tough blending and finishing jobs. They produce uniform results quickly and easily, and are often used to replace conventional abrasives such as rubber bonded wheels, set-up wheels, abrasive flap wheels and belts.



Size (in) Dia. x W x AH	Wheels/ Case	Density/Mineral Type/Grade UPC No.*				
		7A CRS	7A MED	7A FIN	7Z VFIN	5A FIN
6 x 1/2 x 1	4					05182-6
6 x 1 x 1	3	03263-4	03262-7	03270-2	03269-6	02960-3
6 x 2 x 1	2		03272-6			02972-6
8 x 1/2 x 3	4		05183-3			
8 x 1 x 3	3		03276-4	03275-7		02965-8
8 x 2 x 3	2	03282-5	03281-8			02967-2

* Add prefix 048011- to UPC No. when ordering

Note: Additional sizes available as stock or made-to-order.

Accessories – Scotch Brite™ Wheels

3M™ Flange Adapter No. 3

Used to reduce 1" internal diameter core size, flange size or wheel size to fit shafts smaller than 1" diameter. This item is a stamped & formed sheet metal product.

Prod.	Size (in)	Sets/Case	UPC No.*
3	1 x 3/8	1	09151
3	1 x 1/2	1	09152
3	1 x 5/8	1	09153
3	1 x 3/4	1	09154
3	1 x 7/8	1	09155



3M™ Flange Adapter No. 5

Telescoping wheel adapters 1" and 1/2" wide to reduce 1" wheel center holes to fit 1/2", 5/8", 3/4", or 7/8" shafts.

Use with a set of flat or cupped washers 1/3 the diameter of the wheel for side support.

Prod.	Size (in)	Sets/Case	UPC No.*
5	1 x 1/2 x 1/2	1	16859
5	1 x 1 x 1/2	1	16860

3M™ Flange No. 356

Used to reduce wheel cores and internal diameters to fit smaller shaft sizes. This product spans a range of sizes. Manufactured of spun aluminum, it has a taper locking feature to automatically center the flange inside the core of the wheel.

Prod.	Size (in)	Sets/Case	UPC No.*
356	3 x 1/2	1	03896
356	3 x 5/8	1	03897
356	3 x 3/4	1	03898
356	3 x 7/8	1	18407
356	3 x 1	1	03899
356	3 x 1-1/4	1	03900
356	3 x 1-1/2	1	04307



3M™ Flange No. 365

This flange was specifically designed for use with wheels that are 1/2" wide & have a 3" diameter center hole. (For wheels wider than 1/2", use 3M Flange no. 365). The flange no. 365 is used to reduce the wheel core internal diameter to fit smaller shaft sizes. This product spans a range of sizes. It is made of spun aluminum and has a taper locking feature to automatically center the flange inside the core of the wheel.

Prod.	Size (in)	Sets/Case	UPC No.*
356	3 x 1/2	1	18410
365	3 x 5/8	1	18411
365	3 x 3/4	1	18412
365	3 x 7/8	1	18413
365	3 x 1	1	18414
365	3 x 1-1/4	1	18415

* Add prefix 048011 to UPC No. when ordering

Accessories – Scotch Brite™ Wheels

3M™ Mandrels

Mandrels are corrosion protected and machined to industrial standards of thread size & shaft diameters. They are designed for use with Scotch-Brite™ Unitized Wheels. Mandrels are furnished complete with washers to fit available wheel sizes.



Mandrel No. 931, 932, 933



Mandrel No. 934



Mandrel No. 936 & 946



Mandrel No. 990



Mandrel No. 992 & 994



Mandrel No. 991



Mandrel No. 996 & 998

– continues –

3M Abrasives

3M™ Mandrels – continued

Prod.	Use With	Length (in)	Shank Size (in)	Wash. Dia. (in)	Max. Oper. RPM
931	Unitized Wheels / 1", 1-1/2" dia. x 1/4" wd x 1/8" CH	1-1/2	1/8	1/2	13,000
932	Unitized Wheels / 1-1/2", 2" dia. x 1/4", 1/2" wd x 1/4" CH <i>Note: 5/16" CH is recommended for wheels 6 density or harder</i>	2	1/4	13/16	20,000
933	Unitized Wheels / 2", 2-1/2", 3" dia. x 1/4", 1/2", 3/4", 1" wd x 1/4" CH <i>Note: 5/16" CH is recommended for wheels 6 density or harder</i>	2	1/4	1	14,000
934	Unitized Wheels / 3"-6" dia. x 1/4", 1/2", 3/4", 1" wd x 1/2" CH	3-1/16	1/4	2-1/2	12,000 w/3" dia. 8,500 w/4" dia. 6,000 w/6" dia.
936	Unitized Wheels (Plastic) 1" x 1" x 3/16"	2-1/16	1/4	N/A	22,200
946	Unitized Wheels (Steel) 1" x 1" x 3/16"	1-3/4"	1/4"	1/2" Hex Nut Dia.	35,200
990	Unitized Wheels / 2"-3" dia. x 1/8"-1/2" wd* x 3/8" CH	1-3/4"	1/4"	none	25,200 w/2" dia. 22,200 w/2-1/2" dia. 18,200 w/3" dia.
991	Unitized Wheels / 2"-3" dia. x 1/2"-1" wd** x 3/8" CH	1-7/8"	1/4"	none	25,200 w/2" dia. 22,200 w/2-1/2" dia. 18,200 w/3" dia.
992	Unitized Wheels / 1"-1-1/2" dia. x 1/8"-1/2" wd* x 3/16" CH	1-1/2"	1/8"	none	35,200 w/1" dia. 30,200 w/1-1/2" dia.
994	Unitized Wheels / 1"-1-1/2" dia. x 1/8"-1/2" wd* x 3/16" CH	1-1/2"	1/4"	none	35,200 w/1" dia. 30,200 w/1-1/2" dia.
996	Unitized Wheels / 1/2" - 3/4" dia. x 1/8" x 1/4" wd x 1/8" CH	1-11/16"	1/8"	none	40,200 w/ 1/2" & 3/4" dia.
998	Unitized Wheels / 1/2" - 3/4" dia. x 1/8"-1/4" wd x 1/8" CH	1-11/16"	1/4"	none	40,200 w/ 1/2" & 3/4" dia.

* These mandrels come with two caps, one silver for 1/8" & 1/4" wide wheels & one black for 3/8" & 1/2" wide wheels.

** The 991 mandrel comes with two caps, one silver for 3/4" wide wheels & one black for 1" wheels.

Prod.	Mandrels/Case	UPC No.*
931	5	13966
932	5	13967
933	5	13968
934	1	04021
936	5	04018
944	1	13928
946	5	05726

Prod.	Mandrels/Case	UPC No.*
990	5	15012
990 Bulk	60	15015
991	5	16847
992	5	15013
994	5	16848
996	5	15014
998	5	16849

* Add prefix 048011- to UPC No. when ordering

PG™ Wheels

3M™ 244E Three-M-ite™ RB Cloth XE Wt.

3M™ 241E Three-M-ite™ RB Cloth XE Wt.

3M™ 241D Three-M-ite™ RB Cloth X Wt.

Out standard aluminum oxide PG wheels with durable rayon or cotton drills backing.



Size (in) Dia. x W x Shk	Prod. I.D.	Min. Pkg./Case	Max. Oper. RPM's	Grade & UPC No.*									
				40	60	80	100	120	150	180	240	320	
1 x 1/2 x 1/4	244E	10	25,000	96800	96801	96802	96803	96804					
	241E	10							96805				
1 x 1 x 1/4	244E	10	25,000	35475	35476	35477		96806					
	241E	10							96807				
1-1/2 x 1/2 x 1/4	244E	10	22,000	96808	96809	96810	96811	96812					
	241E	10							96813				
1-1/2 x 1 x 1/4	244E	10	22,000	35472	35473	49636†		96815					
	241E	10							96816				
2 x 1/2 x 1/4	244E	10	20,000	14611	96818	49633†	96820	96821					
	241E	10							96822				
2 x 1 x 1/4	244E	10	20,000	14623	14624	14625		96823					
	241E	10							96824				
2 x 1-1/2 x 1/4	244E	10	20,000	96825	96826	96827	96828						
2-1/2 x 1 x 1/4	244E	10	18,000	49626†	14640	14641							
2-1/2 x 1-1/2 x 1/4	244E	10	18,000	96829	96830	96831							
3 x 1/2 x 1/4	244E	10	18,000	14643	14644	14645	96832	96833					
	241E	10							96834				
3 x 1 x 1/4	241D	10	18,000	96835									
	244E	10		14655	14656	14657		96836					
	241E	10							96837				
3 x 2 x 1/4	244E	10	18,000	49635†	49630†	49634†							

* Add prefix 051144- to UPC No. when ordering - † Add prefix 051111- to UPC No. when ordering
Kut stock items

Bench Area Products

When portable power tools are used in bench area operations, 3M helps keep things moving with a full line of money saving, quality boosting coated abrasives & surface conditioning products. Each is designed to deliver outstanding results and speed up time-consuming jobs such as grinding, deburring, blending, cleaning, and finishing of flat and irregular surfaces, as well as hard-to-reach areas.

- A) Scotch-Brite high performance flap brushes (CFFB) provide consistent finishes. Shown here with the 3M Roloc + holding system.
- B) Scotch-Brite spindle mounted ganged discs provide a high degree of conformability.
- C) Scotch-Brite stars mount singly or in combination for efficient I.D. cleaning and polishing operations.

A complete grinding & surface conditioning system – Used individually or as part of a complete grinding and surface conditioning sequence, each 3M product maximizes results in your bench area operations. Often, the combination of 3M coated abrasives and Scotch-Brite surface conditioning products can eliminate the need for intermediate grinding or blending steps.



Clean and Strip Discs

CSD1-R, CSD1-S, CSD2-R, CSD2-S

Either one Clean & Strip Disc (CSD1) or two Clean and Strip Discs (CSD2) mounted to a shaft. These products are excellent for heavy duty cleaning of rusts, oxides, paints, and coatings. Cleans much faster & safer than wire brushes. **Color:** Black



Size (in)	Prod. I.D.	Brushes/Case	Max. Oper. RPM's	Mineral Type/Grade	UPC No. S XCS
4 x 1/2	CSD1-R	10	8,000	048011-14592	
4 x 1	CSD2-R	10	8,000	048011-14784	
4 x 1/2 x 1/4	CSD1-S	10	8,000	048011-14579	
4 x 1 x 1/4	CSD2-S	10	8,000	048011-14780	

Accessories: Roloc + Holder No. 2 for CSD1-R and CSD2-R



Clean and Strip Web

HPCSD1-R, HPCSD1-S

Clean and Strip web in convenient disc form. Used extensively in maintenance type applications for removing oxides, scale and rust as well as weld conditioning and cleaning. The modern efficient alternative to wire brushes and scrapers. A tough cleaning product. Provides much longer life than CSD1 products with slightly less conformability.

Color: Gray

Size (in)	Prod. I.D.	Brushes/Case	Max. Oper. RPM's	Mineral Type/Grade	UPC No. S XCS
3 x 1/2	HPCSD1-R	10	10,000	048011-14591	
4 x 1/2	HPCSD1-R	10	8,000	048011-14777	
3 x 1/2 x 1/4	HPCSD1-S	10	10,000	048011-14782	
4 x 1/2 x 1/4	HPCSD1-S	10	8,000	048011-14785	

Accessories: Roloc + Holder No. 2 for HPCSD1-R



Cutting and Polishing Scotch Brite™ Web

CPD5-R, CPD5-S

Five discs of tough Cutting and Polishing Scotch-Brite Web ganged together on a shaft. Use for satin or antique finishing as well as light to medium duty cleaning applications. **Color:** Tan

Size (in)	Prod. I.D.	Brushes/Case	Max. Oper. RPM's	Mineral Type/Grade	UPC No. A MED
3 x 1-1/4	CPD5-R	10	10,000	048011-14594	
4 x 1-1/4	CPD5-R	10	8,000	048011-14590	
3 x 1-1/4 x 1/4	CPD5-S	10	10,000	048011-14593	
4 x 1-1/4 x 1/4	CPD5-S	10	8,000	048011-14779	

Accessories: Roloc + Holder No. 2 for CPD5-R



Abrasives

3M Abrasives

Scotch Brite™ Flap Brushes

CPFB-R, CPFB-S

Flaps of heavy duty Cutting and Polishing web. Will leave a uniform surface while removing handling marks and surface imperfections. A long-life flap brush. **Color:** Tan

Size (in)	Prod. I.D.	Discs/Unit	Max. Oper. RPM's	Mineral Type/Grade	UPC No. A MED
2 x 1 x 1/4	CPFB-S	25	12,000	048011-16622	
3 x 1-3/8	CPFB-R	10	8,000	048011-14588	
3 x 1-3/4 x 1/4	CPFB-S	10	8,500	048011-05974	



Accessories: Roloc + Holder No. 2 for CPFB-R.

Scotch Brite™ Flap Brushes

CFFB-R, CFFB-S

Scotch-Brite high performance finishing web made into a flap brush. The high performance web outlasts conventional webs while giving a longer scratch pattern ideal for decorative finishing and light deburring applications.

Color: Green, **Grade:** A-CRS
Color: Gray, **Grade:** S-SFN



Size (in)	Prod. I.D.	Brushes/Case	Max. Oper. RPM's	Mineral Type/Grade UPC No.	
				A CRS	S SFN
3 x 1-3/8	CFFB-R	10	7,500	048011-14587	048011-14783
3 x 1-3/4 x 1/4	CFFB-S	10	8,500	048011-05975	048011-14781

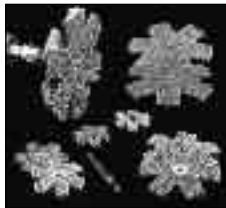
Accessories: Roloc + Holder No. 2 for CFFB-R.

Stars

Scotch-Brite Stars are the perfect choice for cleaning and polishing I.D. of pipe & tubing. Their unique shape allows the star tips to provide constant outward pressure on the walls of parts made of steel, aluminum or plastic so you can quickly get a smooth, consistent cleaning action.

Scotch-Brite Stars are available in a variety of sizes and grades and are designed to work with the 3M™ Brand Mandrel No. 944. They can be used with power bench tools such as die grinders, straight-shaft grinders or electric drills.

Color: A VFN = Blue, A CRS = Brown



Size (in)	Stars/Unit	Max. Oper. RPM's	Mineral Type/Grade UPC No.	
			A VFN	S CRS
1-1/2	100	24,000	048011-13800	048011-13370
2	100	24,000	048011-13803	048011-13371
3	50	18,000	048011-13802	048011-13372
4	50	18,000	048011-13804	048011-13373
4-1/2	50	18,000	048011-13801	048011-13374

Accessories: Mandrel No. 944.

3M™ COMBI Wheels

These unique wheels are a combination of aluminum oxide coated abrasive & Scotch-Brite™ Brand material. They are designed for a variety of surface finishing & blending operations on a large variety of workpieces.



3M™ COMBI-R
(Roloc™ + Shaft)



3M™ COMBI-R
(Spindle Mount)



Product I.D.	Pkg. Min./Unit	UPC No.
Roloc+ Holder No. 1	5/cs	048011-15408
Roloc+ Holder No. 1	40/cs	048011-14586

3M™ Flexible Diamond Products

3M™ 6002J QRS Discs

Aggressive, clean-cutting and long lasting. Ideal for finishing, touch-ups or repair of hard to grind materials: ceramics, composites, glass, carbide, stone, marble and fiberglass. Excellent for polishing dies & molds.

Hook and Loop backing makes changing discs easy, just pull off the disc in use & press on another. Intended for use with 3M Hookit Roloc Disc Pad, Type J.



Disc Dia. (in)	Discs/Case	Micron Grade & UPC No. *					
		M250	M125	M74	M40	M20	M10
1	10	84373	84374	84375	84376	84377	84378
1-1/2	10	84381	84382	84383	84384	84385	84386
3	5	80189	80190	80191	80192	80193	84397

* Add Prefix 051144- to UPC No. when ordering.

3M™ 6234J TG Discs

From tough grinding applications through fine finishing operations, 3M Roloc Flexible Diamond Discs can do the job quickly with consistent, predictable results.

Can be used on right angle and straight air tools as well as flexible shaft grinders. Must be used with proper 3M Roloc disc pad hardware.



Disc Dia. (in)	Discs/Case	Micron Grade & UPC No. *							
		M250	M125	M74	M40	M20	M10	R30	R10
1	10	84398	84399	85232	85233	85234	85235	85236	85237
1-1/2	10	85238	85239	85240	85241	85242	85243	85244	85245
2	10	85246	85247	85248	85249	85250	85251	85252	85253
3	5	85254	85255	85256	85257	85258	85259	85260	85261

* Add Prefix 051144- to UPC No. when ordering.

3M™ Diamond Files

- Diamond files are highly versatile – great for many uses: grind hard-to-cut materials, fine-finish delicate surfaces, bevel edges, remove burrs, sharpen tools.
- Use wet or dry. For better results, use with water or an oil lubricant.
- Available in sets of 4 file sizes & a choice of 3 grades, from 125 micron to 20 micron.
- The different micron grades are conveniently color coded.

Packaging:

SETS: Consist of 4 files, one of each size. All files in a set are the same grade.
FILES: Min. package = 10 files per box. 5 boxes/unit. Files may not be assorted within a box.

Size (in)	Micron Grade/Color/UPC No.			
	M125 (Black)	M74 (Red)	M40 (Yellow)	M20 (White)
1-1/2 x 3/4	80829	80830	80831	80832
1-3/4 x 1/2	80833	80834	80835	80836
1-3/4 x 1/2 half round	80837	80838	80839	80840
2-1/2 x 1/4	08041	08042	80843	80844
Sets				
Assorted	80130	80131	80132	80133



* Add Prefix 051144- to UPC No. when ordering.

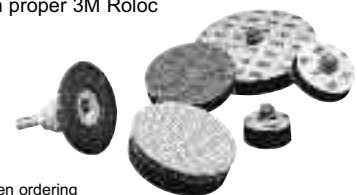
Accessories–Flexible Diamond Products

3M™ Hookit™ Roloc™ Disc Pad, Type J

This resilient, conformable pad is ideal for use on shaped & contoured surfaces. Hook material attached to neoprene foam which provides a resilient base for Flexible Diamond QRS discs. Makes grade changes easy. Pads must be used with proper 3M Roloc disc pad hardware.

Size Dia. (in)	Qty.	UPC No*
1	10	82564
1-1/2	5	82565
2	5	82566
3	1	82567

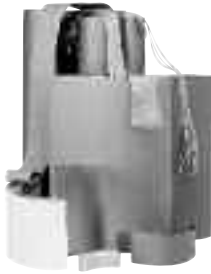
* Add Prefix 051144 to UPC No. when ordering



Arc Abrasives

Arc Abrasives

NARROW BELTS



Size	Grit	Material	Item No.	
3/8 x 13 Std. Pk.-50	36	AO/X Standard	70058	
	36	AO/X Premium	70058-1	
	36	AO/Y Premium Tuff Kit	70058PM	
	60	AO/X Standard	70059	
	60	AO/X Premium	70059-3	
	60	AO/Y Premium Tuff Kit	70059PM	
	60	ZA/Y Standard	7138305-2	
	80	AO/X Standard	70060	
	80	AO/X Premium	70060-3	
	80	AO/Y Premium Tuff Kit	70060PM	
	80	ZA/Y Standard	7138306-2	
	100	AO/X Standard	70061	
	100	AO/X Premium	70061-3	
	100	AO/Y Premium Tuff Kit	70061PM	
	120	AO/X Standard	70062	
	120	AO/X Premium	70062-3	
	120	AO/Y Premium Tuff Kit	70062PM	
	180	AO/X Standard	70064	
180	AO/Y Premium Tuff Kit	70064PM		
1/2 x 12 Std. Pk.-50	36	AO/X Standard	70072	
	36	AO/Y Premium Tuff Kit	70072PM	
	60	AO/X Standard	70075	
	60	AO/Y Premium Tuff Kit	70075PM	
	60	ZA/Y Standard	71404-2	
	80	AO/X Standard	70076	
	80	AO/Y Premium Tuff Kit	70076PM	
	80	ZA/Y Standard	71405-2	
	100	AO/X Standard	70077	
	100	AO/Y Premium Tuff Kit	70077PM	
	120	AO/X Standard	70078	
	120	AO/Y Premium Tuff Kit	70078PM	
	180	AO/X Standard	70080	
	180	AO/Y Premium Tuff Kit	70080PM	
	1/2 x 18 Std. Pk.-50	36	AO/X Standard	70081802
		36	AO/Y Premium Tuff Kit	70081802PM
		60	AO/X Standard	70081805
		60	AO/Y Premium Tuff Kit	70081805PM
60		ZA/Y Standard	714051805-2	
80		AO/X Standard	70081806	
80		AO/Y Premium Tuff Kit	70081806PM	
80		ZA/Y Standard	714051806-2	
100		AO/X Standard	70081807	
100		AO/Y Premium Tuff Kit	70081807PM	
120		AO/X Standard	70081808	
120		AO/Y Premium Tuff Kit	70081808PM	
180		AO/X Standard	70081810	
180		AO/Y Premium Tuff Kit	70081810PM	
1/2 x 24 Std. Pk.-50		36	AO/X Standard	70084
		36	AO/X Economy	70084-1
		36	AO/X Premium	70084-3
		36	AO/Y Premium Tuff Kit	70084PM
	36	AO/X Plus	70084-2	
	36	ZA/Y Standard	71406-1	
	60	AO/X Standard	70087	
	60	AO/X Economy	70087-1	
	60	AO/X Premium	70087-3	
	60	AO/Y Premium Tuff Kit	70087PM	
	60	AO/X Plus	70087-2	
	60	AO/J Plus	69107	
	60	AO/J Premium	69107-1	
	60	AO/J Standard	69107-2	
	60	ZA/Y Standard	71409-2	
	80	AO/X Standard	70088	
	80	AO/X Economy	70088-1	
	80	AO/X Premium	70088-3	
	80	AO/Y Premium Tuff Kit	70088PM	

Narrow Belts (continued)

80	AO/X Plus	70088-2	
80	AO/J Plus	69108	
80	AO/J Premium	69108-1	
80	AO/J Standard	69108-2	
80	ZA/Y Standard	71410-2	
100	AO/X Standard	70089	
100	AO/X Economy	70089-1	
100	AO/X Premium	70089-3	
100	AO/Y Premium Tuff Kut	70089PM	
100	AO/X Plus	70089-2	
100	AO/J Plus	69109	
100	AO/J Premium	69109-1	
100	AO/J Standard	69109-2	
120	AO/X Standard	70090	
120	AO/X Economy	70090-1	
120	AO/X Premium	70090-3	
120	AO/Y Premium Tuff Kut	70090PM	
120	AO/X Plus	70090-2	
120	AO/J Plus	69110	
120	AO/J Premium	69110-1	
120	AO/J Standard	69110-2	
180	AO/X Standard	70092	
180	AO/X Economy	70092-1	
180	AO/X Premium	70092-3	
180	AO/Y Premium Tuff Kut	70092PM	
180	AO/J Plus	69112	
180	AO/J Premium	69112-1	
180	AO/J Standard	69112-2	
240	AO/X Standard	70093	
240	AO/X Economy	70093-1	
240	AO/X Premium	70093-3	
240	AO/Y Premium Tuff Kut	70093PM	
240	AO/J Plus	69114	
240	AO/J Premium	69114-1	
240	AO/J Standard	69114-2	
3/4 x 20-1/2 Std. Pk.-50	36	AO/X Standard	70126
	36	AO/X Economy	70126-1
	36	AO/X Premium	70126-3
	36	AO/Y Premium Tuff Kut	70126PM
	36	AO/X Plus	70126-2
	36	ZA/Y Standard	71421-2
	60	AO/X Standard	70129
	60	AO/X Economy	70129-1
	60	AO/X Premium	70129-3
	60	AO/Y Premium Tuff Kut	70129PM
	60	AO/X Plus	70129-2
	60	ZA/Y Standard	71424-2
	80	AO/X Standard	70130
	80	AO/X Economy	70130-1
	80	AO/X Premium	70130-3
	80	AO/Y Premium Tuff Kut	70130PM
	80	AO/X Plus	70130-2
	80	ZA/Y Standard	71425-2
100	AO/X Standard	70131	
100	AO/X Economy	70131-1	
100	AO/X Premium	70131-3	
100	AO/Y Premium Tuff Kut	70131PM	
100	AO/X Plus	70131-2	
120	AO/X Standard	70132	
120	AO/X Economy	70132-1	
120	AO/X Premium	70132-3	
120	AO/Y Premium Tuff Kut	70132PM	
120	AO/X Plus	70132-2	
180	AO/X Standard	70134	
180	AO/X Economy	70134-1	
180	AO/X Premium	70134-3	
180	AO/Y Premium Tuff Kut	70134PM	
240	AO/X Standard	70135	
240	AO/X Economy	70135-1	
240	AO/X Premium	70135-3	
240	AO/Y Premium Tuff Kut	70135PM	
3/4 x 77 Std. Pk.-50	180	AO/J Plus	6916810
	180	AO/J Premium	6916810-1
	180	AO/J Standard	6916810-2
	180	AO/J Glue Bond	6916810-3
	220	AO/J Plus	6916811
	220	AO/J Premium	6916811-1
	220	AO/J Standard	6916811-2
	220	AO/J Glue Bond	6916811-3
	240	AO/J Plus	6916812
	240	AO/J Premium	6916812-1
	240	AO/J Standard	6916812-2
	240	AO/J Glue Bond	6916812-3

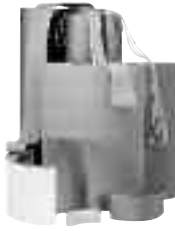
Narrow Belts (continued)

320	AO/J Plus	69169	
320	AO/J Premium	69169-1	
320	AO/J Standard	69169-2	
320	AO/J Glue Bond	69169-3	
400	AO/J Plus	69170	
400	AO/J Premium	69170-1	
400	AO/J Standard	69170-2	
400	AO/J Glue Bond	69170-3	
500	AO/J Premium	6917016-1	
500	AO/J Glue Bond	6917016-3	
1 x 12 Std. Pk.-50	36	AO/X Standard	70150
	36	AO/Y Premium Tuff Kut	70150PM
	60	AO/X Standard	70153
	60	AO/Y Premium Tuff Kut	70153PM
	60	ZA/Y Standard	71429-2
	80	AO/X Standard	70154
80	AO/Y Premium Tuff Kut	70154PM	
80	ZA/Y Standard	71430-2	
100	AO/X Standard	70155	
100	AO/Y Premium Tuff Kut	70155PM	
120	AO/X Standard	70156	
120	AO/Y Premium Tuff Kut	70156PM	
180	AO/X Standard	70158	
180	AO/Y Premium Tuff Kut	70158PM	
1 x 30 Std. Pk.-50	36	AO/X Standard	701602
	36	AO/X Economy	701602-1
	36	AO/X Premium	701602-3
	36	AO/Y Premium Tuff Kut	701602PM
	36	ZA/Y Standard	714302
	60	AO/X Standard	701605
60	AO/X Economy	701605-1	
60	AO/X Premium	701605-3	
60	AO/Y Premium Tuff Kut	701605PM	
60	AO/J Standard	6917705-2	
60	ZA/Y Standard	714305-2	
60	ZA/X Economy	714305-3	
80	AO/X Standard	701606	
80	AO/X Economy	701606-1	
80	AO/X Premium	701606-3	
80	AO/Y Premium Tuff Kut	701606PM	
80	AO/J Standard	6917706-2	
80	ZA/Y Standard	714306-2	
80	ZA/X Economy	714306-3	
100	AO/X Standard	701607	
100	AO/X Economy	701607-1	
100	AO/X Premium	701607-3	
100	AO/Y Premium Tuff Kut	701607PM	
100	AO/J Standard	6917707-2	
120	AO/X Standard	701608	
120	AO/X Economy	701608-1	
120	AO/X Premium	701608-3	
120	AO/Y Premium Tuff Kut	701608PM	
120	AO/J Standard	6917708-2	
180	AO/X Standard	701610	
180	AO/X Economy	701610-1	
180	AO/X Premium	701610-3	
1 x 42 Std. Pk.-50	36	AO/X Standard	70162
	36	AO/X Economy	70162-1
	36	AO/X Premium	70162-3
	36	AO/Y Premium Tuff Kut	70162PM
	36	AO/X Plus	70162-2
	36	SC/Y Poly	7254202
	36	PZ/X Pure Zirconia	71431
	36	ZA/X Plus	71431-1
	36	ZA/Y Standard	71431-2
	36	ZA/X Economy	71431-3
	40	AO/X Standard	70163
	40	AO/X Economy	70163-1
40	AO/X Premium	70163-3	
40	AO/Y Premium Tuff Kut	70163PM	
40	SC/Y Poly	7254203	
40	PZ/Y Pure Zirconia	71432	
40	ZA/X Plus	71432-1	
40	ZA/Y Standard	71432-2	
40	ZA/X Economy	71432-3	
50	AO/X Standard	70164	
50	AO/X Economy	70164-1	
50	AO/X Premium	70164-3	
50	AO/Y Premium Tuff Kut	70164PM	
50	AO/X Plus	70164-2	
50	SC/Y Poly	7254204	
50	PZ/Y Pure Zirconia	71433	
50	ZA/X Plus	71433-1	

Additional sizes and grits are available upon request. Call for any size not listed.

Abrasives

Arc Abrasives



Narrow Belts (continued)

Size	Grit	Material	Item No.
50	ZA/Y Standard		71433-2
50	ZA/X Economy		71433-3
60	AO/X Standard		70165
60	AO/X Economy		70165-1
60	AO/X Premium		70165-3
60	AO/Y Premium Tuff Kut		70165PM
60	AO/X Plus		70165-2
60	AO/J Plus		69180
60	AO/J Premium		69180-1
60	AO/J Standard		69180-2
60	SC/X Poly		7254205
60	PZ/X Pure Zirconia		71434
60	ZA/X Plus		71434-1
60	ZA/Y Standard		71434-2
60	ZA/X Economy		71434-3
80	AO/X Standard		70166
80	AO/X Economy		70166-1
80	AO/X Premium		70166-3
80	AO/Y Premium Tuff Kut		70166PM
80	AO/X Plus		70166-2
80	AO/J Plus		69181
80	AO/J Premium		69181-1
80	AO/J Standard		69181-2
80	SC/X Poly		7254206
80	PZ/X Pure Zirconia		71435
80	ZA/X Plus		71435-1
80	ZA/Y Standard		71435-2
80	ZA/X Economy		71435-3
100	AO/X Standard		70167
100	AO/X Economy		70167-1
100	AO/X Premium		70167-3
100	AO/Y Premium Tuff Kut		70167PM
100	AO/X Plus		70167-2
100	AO/J Plus		69182
100	AO/J Premium		69182-1
100	AO/J Standard		69182-2
100	SC/X Poly		7254207
100	ZA/X Plus		7143607-1
120	AO/X Standard		70168
120	AO/X Economy		70168-1
120	AO/X Premium		70168-3
120	AO/Y Premium Tuff Kut		70168PM
120	AO/X Plus		70168-2
120	AO/J Plus		69183
120	AO/J Premium		69183-1
120	AO/J Standard		69183-2
120	SC/X Poly		7254208
120	ZA/X Plus		7143608-1
180	AO/X Standard		70170
180	AO/X Economy		70170-1
180	AO/X Premium		70170-3
180	AO/J Plus		69185
180	AO/J Premium		69185-1
180	AO/J Standard		69185-2
240	AO/X Standard		70171
240	AO/X Economy		70171-1
240	AO/X Premium		70171-3
240	AO/J Plus		69187
240	AO/J Premium		69187-1
240	AO/J Standard		69187-2
1 x 77 Std. Pk.-50	320	AO/J Plus	69195
	320	AO/J Premium	69195-1
	320	AO/J Standard	69195-2
	320	AO/J Glue Bond	69195-3
	400	AO/J Plus	69196
	400	AO/J Premium	69196-1
	400	AO/J Standard	69196-2
	400	AO/J Glue Bond	69196-3
	500	AO/J Premium	69197-1
	500	AO/J Glue Bond	69197-3
1-1/2 x 60 Std. Pk.-10	36	AO/X Standard	70246
	36	AO/Y Premium Tuff Kut	70246PM
	36	ZA/Y Standard	71466-2

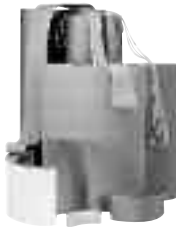
Narrow Belts (continued)

60	AO/X Standard		70249
60	AO/Y Premium Tuff Kut		70249PM
60	ZA/Y Standard		71469-2
80	AO/X Standard		70250
80	AO/Y Premium Tuff Kut		70250PM
80	ZA/Y Standard		71470-2
100	AO/X Standard		70251
100	AO/Y Premium Tuff Kut		70251PM
120	AO/X Standard		70252
120	AO/Y Premium Tuff Kut		70252PM
180	AO/X Standard		70254
180	AO/Y Premium Tuff Kut		70254PM
1-1/2 x 72 Std. Pk.-10	36	AO/X Standard	70258
	36	AO/Y Premium Tuff Kut	70258PM
	36	ZA/Y Standard	7147202-2
60	AO/X Standard		70261
60	AO/Y Premium Tuff Kut		70261PM
60	ZA/Y Standard		7147205-2
80	AO/X Standard		70262
80	AO/Y Premium Tuff Kut		70262PM
80	ZA/Y Standard		7147206-2
100	AO/X Standard		70263
100	AO/Y Premium Tuff Kut		70263PM
120	AO/X Standard		70264
120	AO/Y Premium Tuff Kut		70264PM
180	AO/X Standard		70266
180	AO/Y Premium Tuff Kut		70266PM
2 x 48 Std. Pk.-10	36	AO/X Standard	70318
	36	AO/X Economy	70318-1
	36	AO/Y Premium Tuff Kut	70318PM
36	AO/X Plus		70318-2
36	PZ/X Pure Zirconia		71496
36	ZA/Y Standard		71496-2
40	AO/X Standard		70319
40	AO/X Economy		70319-1
40	AO/Y Premium Tuff Kut		70319PM
40	PZ/X Pure Zirconia		71497
40	ZA/Y Standard		71497-2
50	AO/X Standard		70320
50	AO/X Economy		70320-1
50	AO/Y Premium Tuff Kut		70320PM
50	AO/X Plus		70320-2
50	PZ/X Pure Zirconia		71498
50	ZA/Y Standard		71498-2
60	AO/X Standard		70321
60	AO/X Economy		70321-1
60	AO/Y Premium Tuff Kut		70321PM
60	AO/X Plus		70321-2
60	SC/X Poly		725564805
60	PZ/X Pure Zirconia		71499
60	ZA/Y Standard		71499-2
60	ZA/X Economy		71499-3
80	AO/X Standard		70322
80	AO/X Economy		70322-1
80	AO/Y Premium Tuff Kut		70322PM
80	AO/X Plus		70322-2
80	SC/X Poly		725564806
80	PZ/X Pure Zirconia		71500
80	ZA/Y Standard		71500-2
80	ZA/X Economy		71500-3
100	AO/X Standard		70323
100	AO/X Economy		70323-1
100	AO/Y Premium Tuff Kut		70323PM
100	AO/X Plus		70323-2
100	SC/X Poly		725564807
120	AO/X Standard		70324
120	AO/X Economy		70324-1
120	AO/Y Premium Tuff Kut		70324PM
120	AO/X Plus		70324-2
120	SC/X Poly		725564808
180	AO/X Standard		70326
180	AO/Y Premium Tuff Kut		70326PM
180	SC/X Poly		725564810
240	AO/X Standard		70327
240	AO/Y Premium Tuff Kut		70327PM
240	SC/X Poly		725564812
2 x 60 Std. Pk.-10	36	AO/X Standard	70330
	36	AO/Y Premium Tuff Kut	70330PM
	36	ZA/Y Standard	71501-2
40	AO/X Standard		70331
40	AO/Y Premium Tuff Kut		70331PM
40	ZA/Y Standard		71502-2
50	AO/X Standard		70332

Narrow Belts (continued)

Size	Grit	Material	Item No.
50	AO/Y Premium Tuff Kut		70332PM
50	ZA/Y Standard		71503-2
60	AO/X Standard		70333
60	AO/Y Premium Tuff Kut		70333PM
60	ZA/Y Standard		71504-2
80	AO/X Standard		70334
80	AO/Y Premium Tuff Kut		70334PM
80	ZA/Y Standard		71505-2
100	AO/X Standard		70335
100	AO/Y Premium Tuff Kut		70335PM
120	AO/X Standard		70336
120	AO/Y Premium Tuff Kut		70336PM
180	AO/X Standard		70338
180	AO/Y Premium Tuff Kut		70338PM
240	AO/X Standard		70339
240	AO/Y Premium Tuff Kut		70339PM
2 x 72 Std. Pk.-10	36	AO/X Standard	70342
	36	AO/Y Premium Tuff Kut	70342PM
	36	ZA/Y Standard	71506-2
40	AO/X Standard		70343
40	AO/Y Premium Tuff Kut		70343PM
40	ZA/Y Standard		71507-2
50	AO/X Standard		70344
50	AO/Y Premium Tuff Kut		70344PM
50	ZA/Y Standard		71508-2
60	AO/X Standard		70345
60	AO/Y Premium Tuff Kut		70345PM
60	ZA/Y Standard		71509-2
80	AO/X Standard		70346
80	AO/Y Premium Tuff Kut		70346PM
80	ZA/Y Standard		71510-2
100	AO/X Standard		70347
100	AO/Y Premium Tuff Kut		70347PM
120	AO/X Standard		70348
120	AO/Y Premium Tuff Kut		70348PM
180	AO/X Standard		70350
180	AO/Y Premium Tuff Kut		70350PM
2 x 132 Std. Pk.-10	24	AO/X Standard	70377
	24	AO/X Economy	70377-1
	24	AO/X Premium	70377-3
	24	AO/Y Premium Tuff Kut	70377PM
	24	PZ/X Pure Zirconia	71520
	24	ZA/Y Standard	71520-2
	36	AO/X Standard	70378
	36	AO/X Economy	70378-1
	36	AO/X Premium	70378-3
	36	AO/Y Premium Tuff Kut	70378PM
	36	AO/X Plus	70378-2
	36	SC/Y Poly	725613202
	36	PZ/X Pure Zirconia	71521
	36	ZA/X Plus	71521-1
	36	ZA/Y Standard	71521-2
	36	ZA/X Economy	71521-3
	40	AO/X Standard	70379
	40	AO/X Economy	70379-1
	40	AO/X Premium	70379-3
	40	AO/Y Premium Tuff Kut	70379PM
	40	SC/Y Poly	725613203
	40	PZ/X Pure Zirconia	71522
	40	ZA/X Plus	71522-1
	40	ZA/X Standard	71522-2
	40	ZA/X Economy	71522-3
	50	AO/X Standard	70380
	50	AO/X Economy	70380-1
	50	AO/X Premium	70380-3
	50	AO/Y Premium Tuff Kut	70380PM
	50	AO/X Plus	70380-2
	50	SC/Y Poly	725613204
	50	PZ/X Pure Zirconia	71523
	50	ZA/X Plus	71523-1
	50	ZA/Y Standard	71523-2
	50	ZA/X Economy	71523-3
	60	AO/X Standard	70381
	60	AO/X Economy	70381-1
	60	AO/X Premium	70381-3
	60	AO/Y Premium Tuff Kut	70381PM
	60	AO/X Plus	70381-2
	60	AO/X Open Coat	70381-4
	60	AO/Y OC Washable	70381-5
	60	AO/J Plus	69310
	60	AO/J Premium	69310-1
	60	AO/J Standard	69310-2
	60	SC/X Poly	725613205

Arc Abrasives



Narrow Belts (continued)

Size	Grit	Material	Item No.
60	PZ/X Pure Zirconia		71524
60	ZA/X Plus		71524-1
60	ZA/Y Standard		71524-2
60	ZA/X Economy		71524-3
80	AO/X Standard		70382
80	AO/X Economy		70382-1
80	AO/X Premium		70382-3
80	AO/Y Premium Tuff Kut		70382PM
80	AO/X Plus		70382-2
80	AO/X Open Coat		70382-4
80	AO/Y OC Washable		70382-5
80	AO/J Plus		69311
80	AO/J Premium		69311-1
80	AO/J Standard		69311-2
80	SC/X Poly		725613206
80	PZ/X Pure Zirconia		71525
80	ZA/X Plus		71525-1
80	ZA/Y Standard		71525-2
80	ZA/X Economy		71525-3
100	AO/X Standard		70383
100	AO/X Economy		70383-1
100	AO/X Premium		70383-3
100	AO/Y Premium Tuff Kut		70383PM
100	AO/X Plus		70383-2
100	AO/X Open Coat		70383-4
100	AO/Y OC Washable		70383-5
100	AO/J Plus		69312
100	AO/J Premium		69312-1
100	AO/J Standard		69312-2
100	SC/X Poly		725613207
100	ZA/X Plus		71526-1
120	AO/X Standard		70384
120	AO/X Economy		70384-1
120	AO/X Premium		70384-3
120	AO/Y Premium Tuff Kut		70384PM
120	AO/X Plus		70384-2
120	AO/X Open Coat		70384-4
120	AO/Y OC Washable		70384-5
120	AO/J Plus		69313
120	AO/J Premium		69313-1
120	AO/J Standard		69313-2
120	SC/X Poly		725613208
120	ZA/X Plus		71527-1
150	AO/X Standard		70385
150	AO/X Economy		70385-1
150	AO/X Premium		70385-3
150	AO/Y Premium Tuff Kut		70385PM
150	AO/J Plus		69314
150	AO/J Premium		69314-1
150	AO/J Standard		69314-2
150	SC/X Poly		725613209
180	AO/X Standard		70386
180	AO/X Economy		70386-1
180	AO/X Premium		70386-3
180	AO/Y Premium Tuff Kut		70386PM
180	AO/J Plus		69315
180	AO/J Premium		69315-1
180	AO/J Standard		69315-2
180	SC/X Poly		725613210
240	AO/X Standard		70387
240	AO/X Economy		70387-1
240	AO/X Premium		70387-3
240	AO/Y Premium Tuff Kut		70387PM
240	AO/J Plus		69317
240	AO/J Premium		69317-1
240	AO/J Standard		69317-2
240	SC/X Poly		725613212
320	AO/X Standard		70388
320	AO/J Plus		69318
320	AO/J Premium		69318-1
320	AO/J Standard		69318-2
320	SC/X Poly		725613214
400	AO/X Standard		7038815

Narrow Belts (continued)

Size	Grit	Material	Item No.
	400	AO/J Plus	69319
	400	AO/J Premium	69319-1
	400	AO/J Standard	69319-2
	400	SC/X Poly	725613215
	600	SC/X Poly	725613217
2-1/2 x 48 Std. Pk.-10	36	AO/X Standard	70426
	36	AO/Y Premium Tuff Kut	70426PM
	36	ZA/Y Standard	71541-2
	40	AO/X Standard	70427
	40	AO/Y Premium Tuff Kut	70427PM
	40	ZA/Y Standard	71542-2
	50	AO/X Standard	70428
	50	AO/Y Premium Tuff Kut	70428PM
	50	ZA/Y Standard	71543-2
	60	AO/X Standard	70429
	60	AO/Y Premium Tuff Kut	70429PM
	60	ZA/Y Standard	71544-2
	80	AO/X Standard	70430
	80	AO/Y Premium Tuff Kut	70430PM
	80	ZA/Y Standard	71545-2
	100	AO/X Standard	70431
	100	AO/Y Premium Tuff Kut	70431PM
	120	AO/X Standard	70432
	120	AO/Y Premium Tuff Kut	70432PM
2-1/2 x 60 Std. Pk.-10	24	AO/X Standard	70437
	24	AO/Y Premium Tuff Kut	70437PM
	24	PZ/X Pure Zirconia	71601
	24	ZA/Y Standard	71601-2
	36	AO/X Standard	70438
	36	AO/Y Premium Tuff Kut	70438PM
	36	PZ/X Pure Zirconia	71545601
	36	ZA/Y Standard	71545601-2
	40	AO/X Standard	70439
	40	AO/Y Premium Tuff Kut	70439PM
	40	PZ/X Pure Zirconia	71547
	40	ZA/Y Standard	71547-2
	50	AO/X Standard	70440
	50	AO/Y Premium Tuff Kut	70440PM
	50	PZ/X Pure Zirconia	71548
	50	ZA/Y Standard	71548-2
	60	AO/X Standard	70441
	60	AO/Y Premium Tuff Kut	70441PM
	60	PZ/X Pure Zirconia	71549
	60	ZA/Y Standard	71549-2
	80	AO/X Standard	70442
	80	AO/Y Premium Tuff Kut	70442PM
	80	PZ/X Pure Zirconia	7154906
	80	ZA/Y Standard	7154906-2
	100	AO/X Standard	70443
	100	AO/Y Premium Tuff Kut	70443PM
	120	AO/X Standard	70444
	120	AO/Y Premium Tuff Kut	70444PM
2-1/2 x 72 Std. Pk.-10	24	AO/X Standard	70449
	24	AO/Y Premium Tuff Kut	70449PM
	24	PZ/X Pure Zirconia	71550
	24	ZA/Y Standard	71550-2
	36	AO/X Standard	70450
	36	AO/Y Premium Tuff Kut	70450PM
	36	PZ/X Pure Zirconia	71551
	36	ZA/Y Standard	71551-2
	40	AO/X Standard	70451
	40	AO/Y Premium Tuff Kut	70451PM
	40	PZ/X Pure Zirconia	71552
	40	ZA/Y Standard	71552-2
	50	AO/X Standard	70452
	50	AO/Y Premium Tuff Kut	70452PM
	50	PZ/X Pure Zirconia	71553
	50	ZA/Y Standard	71553-2
	60	AO/X Standard	70453
	60	AO/Y Premium Tuff Kut	70453PM
	60	PZ/X Pure Zirconia	71554
	60	ZA/Y Standard	71554-2
	80	AO/X Standard	70454
	80	AO/Y Premium Tuff Kut	70454PM
	80	PZ/X Pure Zirconia	71555
	80	ZA/Y Standard	71555-2
	100	AO/X Standard	70455
	100	AO/Y Premium Tuff Kut	70455PM
	120	AO/X Standard	70456
	120	AO/Y Premium Tuff Kut	70456PM
3 x 18 Std. Pk. - 10	36	AO/X Standard	70510
	36	AO/X Economy	70510-1

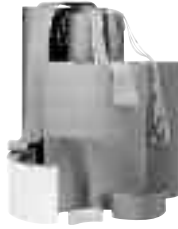
Narrow Belts (continued)

	36	AO/Y Premium Tuff Kut	70510PM
	36	AO/X Plus	70510-2
	36	AO/X Open Coat	70510-4
	36	ZA/Y Standard	7157202-2
	36	ZA/X Economy	7157202-3
	50	AO/X Standard	70512
	50	AO/X Economy	70512-1
	50	AO/Y Premium Tuff Kut	70512PM
	50	AO/X Plus	70512-2
	50	AO/X Open Coat	70512-4
	50	ZA/Y Standard	7157204-2
	50	ZA/X Economy	7157204-3
	60	AO/X Standard	70513
	60	AO/X Economy	70513-1
	60	AO/Y Premium Tuff Kut	70513PM
	60	AO/X Plus	70513-2
	60	AO/X Open Coat	70513-4
	60	ZA/Y Standard	7157205-2
	60	ZA/X Economy	7157205-3
	80	AO/X Standard	70514
	80	AO/X Economy	70514-1
	80	AO/Y Premium Tuff Kut	70514PM
	80	AO/X Plus	70514-2
	80	AO/X Open Coat	70514-4
	80	ZA/Y Standard	7157206-2
	80	ZA/X Economy	7157206-3
	100	AO/X Standard	70515
	100	AO/X Economy	70515-1
	100	AO/Y Premium Tuff Kut	70515PM
	100	AO/X Plus	70515-2
	100	AO/X Open Coat	70515-4
	120	AO/X Standard	70516
	120	AO/X Economy	70516-1
	120	AO/Y Premium Tuff Kut	70516PM
	120	AO/X Plus	70516-2
	120	AO/X Open Coat	70516-4
3 x 21 Std. Pk. - 10	36	AO/X Standard	70522
	36	AO/X Economy	70522-1
	36	AO/Y Premium Tuff Kut	70522PM
	36	AO/X Plus	70522-2
	36	ZA/Y Standard	71576-2
	36	ZA/X Economy	71576-3
	40	AO/X Standard	70523
	40	AO/X Economy	70523-1
	40	AO/Y Premium Tuff Kut	70523PM
	40	AO/X Open Coat	70523-4
	40	ZA/Y Standard	71577-2
	40	ZA/X Economy	71577-3
	50	AO/X Standard	70524
	50	AO/X Economy	70524-1
	50	AO/Y Premium Tuff Kut	70524PM
	50	AO/X Plus	70524-2
	50	AO/X Open Coat	70524-4
	50	ZA/Y Standard	71578-2
	50	ZA/X Economy	71578-3
	60	AO/X Standard	70525
	60	AO/X Economy	70525-1
	60	AO/Y Premium Tuff Kut	70525PM
	60	AO/X Plus	70525-2
	60	AO/X Open Coat	70525-4
	60	ZA/Y Standard	71579-2
	60	ZA/X Economy	71579-3
	80	AO/X Standard	70526
	80	AO/X Economy	70526-1
	80	AO/Y Premium Tuff Kut	70526PM
	80	AO/X Plus	70526-2
	80	AO/X Open Coat	70526-4
	80	ZA/Y Standard	71580-2
	80	ZA/X Economy	71580-3
	100	AO/X Standard	70527
	100	AO/X Economy	70527-1
	100	AO/Y Premium Tuff Kut	70527PM
	100	AO/X Plus	70527-2
	100	AO/X Open Coat	70527-4
	120	AO/X Standard	70528
	120	AO/X Economy	70528-1
	120	AO/Y Premium Tuff Kut	70528PM
	120	AO/X Plus	70528-2
	120	AO/X Open Coat	70528-4
3 x 24 Std. Pk. - 10	36	AO/X Standard	70546
	36	AO/X Economy	70546-1
	36	AO/Y Premium Tuff Kut	70546PM
	36	AO/X Plus	70546-2

Additional sizes and grits are available upon request. Call for any size not listed.

Abrasives

Arc Abrasives



Narrow Belts (continued)

Size	Grit	Material	Item No.
36	ZA/Y Standard		71586-2
36	ZA/X Economy		71586-3
40	AO/X Standard		70547
40	AO/X Economy		70547-1
40	AO/Y Premium Tuff Kut		70547PM
40	AO/X Open Coat		70547-4
40	ZA/Y Standard		71587-2
40	ZA/X Economy		71587-3
50	AO/X Standard		70548
50	AO/X Economy		70548-1
50	AO/Y Premium Tuff Kut		70548PM
50	AO/X Plus		70548-2
50	AO/X Open Coat		70548-4
50	ZA/Y Standard		71588-2
50	ZA/X Economy		71588-3
60	AO/X Standard		70549
60	AO/X Economy		70549-1
60	AO/Y Premium Tuff Kut		70549PM
60	AO/X Plus		70549-2
60	AO/X Open Coat		70549-4
60	ZA/Y Standard		71589-2
60	ZA/X Economy		71589-3
80	AO/X Standard		70550
80	AO/X Economy		70550-1
80	AO/Y Premium Tuff Kut		70550PM
80	AO/X Plus		70550-2
80	AO/X Open Coat		70550-4
80	ZA/Y Standard		71590-2
80	ZA/X Economy		71590-3
100	AO/X Standard		70551
100	AO/X Economy		70551-1
100	AO/Y Premium Tuff Kut		70551PM
100	AO/X Plus		70551-2
100	AO/X Open Coat		70551-4
120	AO/X Standard		70552
120	AO/X Economy		70552-1
120	AO/Y Premium Tuff Kut		70552PM
120	AO/X Plus		70552-2
120	AO/X Open Coat		70552-4
3 x 120 Std. Pk. - 10	36	AO/X Standard	70630
	36	AO/Y Premium Tuff Kut	70630PM
	36	AO/X Plus	70630-2
	36	ZA/Y Standard	71616-2
	40	AO/X Standard	70631
	40	AO/Y Premium Tuff Kut	70631PM
	40	ZA/Y Standard	71617-2
	50	AO/X Standard	70632
	50	AO/Y Premium Tuff Kut	70632PM
	50	AO/X Plus	70632-2
	50	ZA/Y Standard	71618-2
	60	AO/X Standard	70633
	60	AO/Y Premium Tuff Kut	70633PM
	60	AO/X Plus	70633-2
	60	ZA/Y Standard	71619-2
	80	AO/X Standard	70634
	80	AO/Y Premium Tuff Kut	70634PM
	80	AO/X Plus	70634-2
	80	ZA/Y Standard	71620-2
	100	AO/X Standard	70635
	100	AO/Y Premium Tuff Kut	70635PM
	100	AO/X Plus	70635-2
	120	AO/X Standard	70636
	120	AO/Y Premium Tuff Kut	70636PM
	120	AO/X Plus	70636-2
3 x 132 Std. Pk.-10	24	AO/X Standard	70641
	24	AO/X Economy	70641-1
	24	AO/Y Premium Tuff Kut	70641PM
	24	PZ/X Pure Zirconia	7162001
	24	ZA/Y Standard	7162001-2
	36	AO/X Standard	70642
	36	AO/X Economy	70642-1
	36	AO/X Premium	70642-3

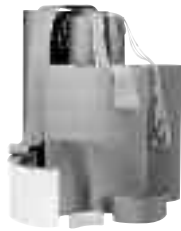
Narrow Belts (continued)

Size	Grit	Material	Item No.
36	AO/Y Premium Tuff Kut		70642PM
36	AO/X Plus		70642-2
36	SC/Y Poly		72692
36	PZ/X Pure Zirconia		71621
36	ZA/X Plus		71621-1
36	ZA/Y Standard		71621-2
36	ZA/X Economy		71621-3
40	AO/X Standard		70643
40	AO/X Economy		70643-1
40	AO/X Premium		70643-3
40	AO/Y Premium Tuff Kut		70643PM
40	SC/Y Poly		72693
40	PZ/X Pure Zirconia		71622
40	ZA/X Plus		71622-1
40	ZA/Y Standard		71622-2
40	ZA/X Economy		71622-3
50	AO/X Standard		70644
50	AO/X Economy		70644-1
50	AO/X Premium		70644-3
50	AO/Y Premium Tuff Kut		70644PM
50	AO/X Plus		70644-2
50	SC/Y Poly		72694
50	PZ/X Pure Zirconia		71623
50	ZA/X Plus		71623-1
50	ZA/Y Standard		71623-2
50	ZA/X Economy		71623-3
60	AO/X Standard		70645
60	AO/X Economy		70645-1
60	AO/X Premium		70645-3
60	AO/Y Premium Tuff Kut		70645PM
60	AO/X Plus		70645-2
60	AO/X Open Coat		70645-4
60	AO/Y OC Washable		70645-5
60	AO/J Plus		69430
60	AO/J Premium		69430-1
60	AO/J Standard		96430-2
60	SC/X Poly		72695
60	PZ/X Pure Zirconia		71624
60	ZA/X Plus		71624-1
60	ZA/Y Standard		71624-2
60	ZA/X Economy		71624-3
80	AO/X Standard		70646
80	AO/X Economy		70646-1
80	AO/X Premium		70646-3
80	AO/Y Premium Tuff Kut		70646PM
80	AO/X Plus		70646-2
80	AO/X Open Coat		70646-4
80	AO/Y OC Washable		70646-5
80	AO/J Plus		69431
80	AO/J Premium		69431-1
80	AO/J Standard		69431-2
80	SC/X Poly		72696
80	PZ/X Pure Zirconia		71625
80	ZA/X Plus		71625-1
80	ZA/Y Standard		71625-2
80	ZA/X Economy		71625-3
100	AO/X Standard		70647
100	AO/X Economy		70647-1
100	AO/X Premium		70647-3
100	AO/Y Premium Tuff Kut		70647PM
100	AO/X Plus		70647-2
100	AO/X Open Coat		70647-4
100	AO/Y OC Washable		70647-5
100	AO/J Plus		69432
100	AO/J Premium		69432-1
100	AO/J Standard		69432-2
100	SC/X Poly		72697
100	ZA/X Plus		7162507-1
120	AO/X Standard		70648
120	AO/X Economy		70648-1
120	AO/X Premium		70648-3
120	AO/Y Premium Tuff Kut		70648PM
120	AO/X Plus		70648-2
120	AO/X Open Coat		70648-4
120	AO/Y OC Washable		70648-5
120	AO/J Plus		69433
120	AO/J Premium		69433-1
120	AO/J Standard		69433-2
120	SC/X Poly		72698
120	ZA/X Plus		7162508-1
150	AO/X Standard		70649
150	AO/X Economy		70649-1
150	AO/X Premium		70649-3

Narrow Belts (continued)

Size	Grit	Material	Item No.
150	AO/Y Premium Tuff Kut		70649PM
150	AO/J Plus		69434
150	AO/J Premium		69434-1
150	AO/J Standard		69434-2
150	SC/X Poly		72699
180	AO/X Standard		70650
180	AO/X Economy		70650-1
180	AO/X Premium		70650-3
180	AO/Y Premium Tuff Kut		70650PM
180	AO/J Plus		69435
180	AO/J Premium		69435-1
180	AO/J Standard		69435-2
180	SC/X Poly		76700
240	AO/X Standard		70651
240	AO/X Economy		70651-1
240	AO/X Premium		70651-3
240	AO/Y Premium Tuff Kut		70651PM
240	AO/J Plus		69437
240	AO/J Premium		69437-1
240	AO/J Standard		69437-2
240	SC/X Poly		72702
320	AO/X Standard		70652
320	AO/J Plus		69438
320	AO/J Premium		69438-1
320	AO/J Standard		69438-2
320	SC/X Poly		72704
400	AO/X Standard		7065215
400	AO/J Plus		69439
400	AO/J Premium		69439-1
400	AO/J Standard		69439-2
400	SC/X Poly		72705
600	SC/X Poly		72706
3-1/2 x 15-1/2 Std. Pk.-10	36	AO/X Standard	70690
	36	AO/X Economy	70690-1
	36	AO/Y Premium Tuff Kut	70690PM
	40	AO/X Standard	70691
	40	AO/X Economy	70691-1
	40	AO/Y Premium Tuff Kut	70691PM
	50	AO/X Standard	70692
	50	AO/X Economy	70692-1
	50	AO/Y Premium Tuff Kut	70692PM
	60	AO/X Standard	70693
	60	AO/X Economy	70693-1
	60	AO/Y Premium Tuff Kut	70693PM
	80	AO/X Standard	70694
	80	AO/X Economy	70694-1
	80	AO/Y Premium Tuff Kut	70694PM
	100	AO/X Standard	70695
	100	AO/X Economy	70695-1
	100	AO/Y Premium Tuff Kut	70695PM
	120	AO/X Standard	70696
	120	AO/X Economy	70696-1
	120	AO/Y Premium Tuff Kut	70696PM
4 x 21 Std. Pk.-10	36	AO/X Standard	70714
	36	AO/X Econo	70714-1
	36	AO/Y Premium Tuff Kut	70714PM
	40	AO/X Standard	70715
	40	AO/X Econo	70715-1
	40	AO/Y Premium Tuff Kut	70715PM
	40	AO/X Open Coat	70715-4
	50	AO/X Standard	70716
	50	AO/X Econo	70716-1
	50	AO/Y Premium Tuff Kut	70716PM
	50	AO/X Open Coat	70716-4
	60	AO/X Standard	70717
	60	AO/X Economy	70717-1
	60	AO/Y Premium Tuff Kut	70717PM
	60	AO/X Open Coat	70717-4
	80	AO/X Standard	70718
	80	AO/X Econo	70718-1
	80	AO/Y Premium Tuff Kut	70718PM
	80	AO/X Open Coat	70718-4
	100	AO/X Standard	70719
	100	AO/X Econo	70719-1
	100	AO/Y Premium Tuff Kut	70719PM
	100	AO/X Open Coat	70719-4
	120	AO/X Standard	70720
	120	AO/X Econo	70720-1
	120	AO/Y Premium Tuff Kut	70720PM
	120	AO/X Open Coat	70720-4
	150	AO/X Standard	70721
	150	AO/X Econo	70721-1
	150	AO/Y Premium Tuff Kut	70721PM

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Narrow Belts (continued)

Size	Grit	Material	Item No.
	150	AO/X Open Coat	70721-4
	180	AO/X Standard	70722
	180	AO/X Econo	70722-1
	180	AO/Y Premium Tuff Kut	70722PM
	180	AO/X Open Coat	70722-4
4 x 21-3/4 Std. Pk.-10	36	AO/X Standard	70726
	36	AO/X Econo	70726-1
	36	AO/Y Premium Tuff Kut	70726PM
	36	ZA/Y Standard	71651-2
	36	ZA/X Economy	71651-3
	40	AO/X Standard	70727
	40	AO/X Econo	70727-1
	40	AO/Y Premium Tuff Kut	70727PM
	40	AO/X Open Coat	70727-4
	40	ZA/Y Standard	71652-2
	40	ZA/X Economy	71652-3
	50	AO/X Standard	70728
50	AO/X Econo	70728-1	
50	AO/Y Premium Tuff Kut	70728PM	
50	AO/X Open Coat	70728-4	
50	ZA/Y Standard	71653-2	
50	ZA/X Economy	71653-3	
60	AO/X Standard	70729	
60	AO/X Econo	70729-1	
60	AO/Y Premium Tuff Kut	70729PM	
60	AO/X Open Coat	70729-4	
60	ZA/Y Standard	71654-2	
60	ZA/X Economy	71654-3	
80	AO/X Standard	70730	
80	AO/X Econo	70730-1	
80	AO/Y Premium Tuff Kut	70730PM	
80	AO/X Open Coat	70730-4	
80	ZA/Y Standard	71655-2	
80	ZA/X Economy	71655-3	
100	AO/X Standard	70731	
100	AO/X Econo	70731-1	
100	AO/Y Premium Tuff Kut	70731PM	
100	AO/X Open Coat	70731-4	
120	AO/X Standard	70732	
120	AO/X Econo	70732-1	
120	AO/Y Premium Tuff Kut	70732PM	
120	AO/X Open Coat	70732-4	
150	AO/X Standard	70733	
150	AO/X Econo	70733-1	
150	AO/Y Premium Tuff Kut	70733PM	
150	AO/X Open Coat	70733-4	
180	AO/X Standard	70734	
180	AO/X Econo	70734-1	
180	AO/Y Premium Tuff Kut	70734PM	
180	AO/X Open Coat	70734-4	
4 x 24 Std. Pk. - 10	36	AO/X Standard	70738
	36	AO/X Econo	70738-1
	36	AO/Y Premium Tuff Kut	70738PM
	36	ZA/Y Standard	71656-2
	36	ZA/X Economy	71656-3
	40	AO/X Standard	70739
	40	AO/X Econo	70739-1
	40	AO/Y Premium Tuff Kut	70739PM
	40	AO/X Open Coat	70739-4
	40	ZA/Y Standard	71657-2
	40	ZA/X Economy	71657-3
	50	AO/X Standard	70740
50	AO/X Econo	70740-1	
50	AO/Y Premium Tuff Kut	70740PM	
50	AO/X Open Coat	70740-4	
50	ZA/Y Standard	71658-2	
50	ZA/X Economy	71658-3	
60	AO/X Standard	70741	
60	AO/X Econo	70741-1	
60	AO/Y Premium Tuff Kut	70741PM	
60	AO/X Open Coat	70741-4	
60	ZA/Y Standard	71659-2	
60	ZA/X Economy	71659-3	

Narrow Belts (continued)

Size	Grit	Material	Item No.
	80	AO/X Standard	70742
	80	AO/X Econo	70742-1
	80	AO/Y Premium Tuff Kut	70742PM
	80	AO/X Open Coat	70742-4
	80	ZA/Y Standard	71660-2
	80	ZA/X Economy	71660-3
	100	AO/X Standard	70743
	100	AO/X Econo	70743-1
	100	AO/Y Premium Tuff Kut	70743PM
	100	AO/X Open Coat	70743-4
	120	AO/X Standard	70744
	120	AO/X Econo	70744-1
	120	AO/Y Premium Tuff Kut	70744PM
	120	AO/X Open Coat	70744-4
	150	AO/X Standard	70745
	150	AO/X Econo	70745-1
	150	AO/Y Premium Tuff Kut	70745PM
	150	AO/X Open Coat	70745-4
	180	AO/X Standard	70746
	180	AO/X Econo	70746-1
	180	AO/Y Premium Tuff Kut	70746PM
	180	AO/X Open Coat	70746-4
4 x 36 Std. Pk.-10	36	AO/X Standard	70762
	36	AO/X Econo	70762-1
	36	AO/Y Premium Tuff Kut	70762PM
	36	ZA/Y Standard	71666-2
	36	ZA/X Economy	71666-3
	40	AO/X Standard	70763
	40	AO/X Econo	70763-1
	40	AO/Y Premium Tuff Kut	70763PM
	40	AO/X Open Coat	70763-4
	40	ZA/Y Standard	71667-2
	40	ZA/X Economy	71667-3
	50	AO/X Standard	70764
50	AO/X Econo	70764-1	
50	AO/Y Premium Tuff Kut	70764PM	
50	AO/X Open Coat	70764-4	
50	ZA/Y Standard	71668-2	
50	ZA/X Economy	71668-3	
60	AO/X Standard	70765	
60	AO/X Econo	70765-1	
60	AO/Y Premium Tuff Kut	70765PM	
60	AO/X Open Coat	70765-4	
60	ZA/Y Standard	71669-2	
60	ZA/X Economy	71669-3	
80	AO/X Standard	70766	
80	AO/X Econo	70766-1	
80	AO/Y Premium Tuff Kut	70766PM	
80	AO/X Open Coat	70766-4	
80	ZA/Y Standard	71670-2	
80	ZA/X Economy	71670-3	
100	AO/X Standard	70767	
100	AO/X Econo	70767-1	
100	AO/Y Premium Tuff Kut	70767PM	
100	AO/X Open Coat	70767-4	
120	AO/X Standard	70768	
120	AO/X Econo	70768-1	
120	AO/Y Premium Tuff Kut	70768PM	
120	AO/X Open Coat	70768-4	
150	AO/X Standard	70769	
150	AO/X Econo	70769-1	
150	AO/Y Premium Tuff Kut	70769PM	
150	AO/X Open Coat	70769-4	
180	AO/X Standard	70770	
180	AO/X Econo	70770-1	
180	AO/Y Premium Tuff Kut	70770PM	
180	AO/X Open Coat	70770-4	
4 x 54 Std. Pk.-10	36	AO/X Standard	70786
	36	AO/Y Premium Tuff Kut	70786PM
	36	ZA/Y Standard	71676-2
	40	AO/X Standard	70787
	40	AO/Y Premium Tuff Kut	70787PM
	40	ZA/Y Standard	71677-2
	50	AO/X Standard	70788
	50	AO/Y Premium Tuff Kut	70788PM
	50	ZA/Y Standard	71678-2
	60	AO/X Standard	70789
	60	AO/Y Premium Tuff Kut	70789PM
	60	ZA/Y Standard	71679-2
80	AO/X Standard	70790	
80	AO/Y Premium Tuff Kut	70790PM	
80	ZA/Y Standard	71680-2	
100	AO/X Standard	70791	

Narrow Belts (continued)

	100	AO/Y Premium Tuff Kut	70791PM	
	120	AO/X Standard	70792	
	120	AO/Y Premium Tuff Kut	70792PM	
4 x 118 Std. Pk. - 10	60	AO/X Standard	70865	
	60	AO/Y Premium Tuff Kut	70865PM	
	60	ZA/Y Standard	71711805-2	
	80	AO/X Standard	70866	
	80	AO/Y Premium Tuff Kut	70866PM	
	80	ZA/Y Standard	71711806-2	
	100	AO/X Standard	70867	
	100	AO/Y Premium Tuff Kut	70867PM	
	120	AO/X Standard	70868	
	120	AO/Y Premium Tuff Kut	70868PM	
	4 x 132 Std. Pk.-10	24	PZ/X Pure Zirconia	7170501
		24	ZA/Y Standard	7170501-2
36		AO/X Standard	70882	
36		AO/Y Premium Tuff Kut	70882PM	
36		AO/X Plus	70882-2	
36		ZA/X Plus	71706-1	
36		ZA/Y Standard	71706-2	
36		ZA/X Economy	71706-3	
40		AO/X Standard	70883	
40		AO/Y Premium Tuff Kut	70883PM	
40		ZA/X Plus	71707-1	
40		ZA/Y Standard	71707-2	
40	ZA/X Economy	71707-3		
50	AO/X Standard	70884		
50	AO/Y Premium Tuff Kut	70884PM		
50	ZA/X Plus	71708-1		
50	ZA/Y Standard	71708-2		
50	ZA/X Economy	71708-3		
60	AO/X Standard	70885		
60	AO/Y Premium Tuff Kut	70885PM		
60	AO/X Plus	70885-2		
60	AO/X Open Coat	70885-4		
60	SC/X Poly	72855		
60	ZA/X Plus	71709-1		
60	ZA/Y Standard	71709-2		
80	AO/X Standard	70886		
80	AO/Y Premium Tuff Kut	70886PM		
80	AO/X Plus	70886-2		
80	AO/X Open Coat	70886-4		
80	SC/X Poly	72856		
80	ZA/X Plus	71710-1		
80	ZA/Y Standard	71710-2		
100	AO/X Standard	70887		
100	AO/Y Premium Tuff Kut	70887PM		
100	AO/X Plus	70887-2		
100	AO/X Open Coat	70887-4		
100	SC/X Poly	72857		
100	ZA/X Plus	71711-1		
120	AO/X Standard	70888		
120	AO/Y Premium Tuff Kut	70888PM		
120	AO/X Plus	70888-2		
120	AO/X Open Coat	70888-4		
120	SC/X Poly	72858		
120	ZA/X Plus	71712-1		
150	AO/X Standard	70889		
150	AO/X Open Coat	70889-4		
150	AO/Y Premium Tuff Kut	70889PM		
150	SC/X Poly	70859		
180	AO/X Standard	70890		
180	AO/X Open Coat	70890-4		
180	AO/Y Premium Tuff Kut	70890PM		
180	SC/X Poly	70860		
240	AO/X Standard	70891		
240	AO/Y Premium Tuff Kut	70891PM		
240	SC/X Poly	70862		
4 x 168 Std. Pk.-10	36	AO/X Standard	70918	
	36	AO/Y Premium Tuff Kut	70918PM	
	36	PZ/X Pure Zirconia	71721	
	36	ZA/X Plus	71721-1	
	36	ZA/Y Standard	71721-2	
	36	ZA/X Economy	71721-3	
	60	AO/X Standard	70921	
	60	AO/Y Premium Tuff Kut	70921PM	
	60	ZA/Y Standard	71724-2	
	60	ZA/X Economy	71724-3	
	80	AO/X Standard	70922	
	80	AO/Y Premium Tuff Kut	70922PM	
80	ZA/Y Standard	71725-2		
80	ZA/X Economy	71725-3		

Additional sizes and grits are available upon request. Call for any size not listed.

Abrasives

Arc Abrasives



Narrow Belts (continued)

Size	Grit	Material	Item No.
100	AO/X Standard		70923
100	AO/Y Premium Tuff Kut		70923PM
120	AO/X Standard		70924
120	AO/Y Premium Tuff Kut		70924PM
6 x 48	24	AO/X Standard	70989
Std. Pk.-10	24	AO/X Economy	70989-1
	24	AO/Y Premium Tuff Kut	70989PM
	24	SC/X Poly	728701
	24	PZ/X Pure Zirconia	71745
	24	ZA/Y Standard	71745-2
	36	AO/X Standard	70990
	36	AO/X Economy	70990-1
	36	AO/X Premium	70990-3
	36	AO/Y Premium Tuff Kut	70990PM
	36	AO/X Plus	70992-2
	36	SC/Y Poly	728702
	36	PZ/X Pure Zirconia	71746
	36	ZA/Y Standard	71746-2
	36	ZA/X Economy	71746-3
	40	AO/X Standard	70991
	40	AO/X Economy	70991-1
	40	AO/X Premium	70991-3
	40	AO/Y Premium Tuff Kut	70991PM
	40	AO/X Open Coat	70991-4
	40	SC/Y Poly	728703
	40	PZ/X Pure Zirconia	71747
	40	ZA/Y Standard	71747-2
	40	ZA/X Economy	71747-3
	50	AO/X Standard	70992
	50	AO/X Economy	70992-1
	50	AO/X Premium	70992-3
	50	AO/Y Premium Tuff Kut	70992PM
	50	AO/X Plus	70992-2
	50	AO/X Open Coat	70992-4
	50	SC/Y Poly	728704
	50	PZ/X Pure Zirconia	71748
	50	ZA/Y Standard	71748-2
	50	ZA/X Economy	71748-3
	60	AO/X Standard	70993
	60	AO/X Economy	70993-1
	60	AO/X Premium	70993-3
	60	AO/Y Premium Tuff Kut	70993PM
	60	AO/X Plus	70993-2
	60	AO/X Open Coat	70993-4
	60	SC/X Poly	72871
	60	PZ/X Pure Zirconia	71749
	60	ZA/Y Standard	71749-2
	60	ZA/X Economy	71749-3
	80	AO/X Standard	70994
	80	AO/X Economy	70994-1
	80	AO/X Premium	70994-3
	80	AO/Y Premium Tuff Kut	70994PM
	80	AO/X Plus	70994-2
	80	AO/X Open Coat	70994-4
	80	SC/X Poly	72872
	80	PZ/X Pure Zirconia	71750
	80	ZA/Y Standard	71750-2
	80	ZA/X Economy	71750-3
	100	AO/X Standard	70995
	100	AO/X Economy	70995-1
	100	AO/X Premium	70995-3
	100	AO/Y Premium Tuff Kut	70995PM
	100	AO/X Plus	70995-2
	100	AO/X Open Coat	70995-4
	100	SC/X Poly	72873
	120	AO/X Standard	70996
	120	AO/X Economy	70996-1
	120	AO/X Premium	70996-3
	120	AO/Y Premium Tuff Kut	70996PM
	120	AO/X Plus	70996-2
	120	AO/X Open Coat	70996-4
	120	SC/X Poly	72874
	150	AO/X Standard	70997

Narrow Belts (continued)

Size	Grit	Material	Item No.
150	AO/X Economy		70997-1
150	AO/Y Premium Tuff Kut		70997PM
150	SC/X Poly		72875
180	AO/X Standard		70998
180	AO/X Economy		70998-1
180	AO/Y Premium Tuff Kut		70998PM
180	SC/X Poly		72876
240	AO/X Standard		70999
240	AO/X Economy		70999-1
240	AO/Y Premium Tuff Kut		70999PM
240	SC/X Poly		72878
6 x 48-5/16	60	AO/X Standard	71005
Std. Pk.-10	60	AO/Y Premium Tuff Kut	71005PM
	60	AO/X Plus	71005-2
	60	ZA/Y Standard	7175205-2
	60	ZA/X Economy	7175205-3
	80	AO/X Standard	71006
	80	AO/Y Premium Tuff Kut	71006PM
	80	AO/X Plus	71006-2
	80	ZA/Y Standard	7175206-2
	80	ZA/X Economy	7175206-39
	120	AO/X Standard	71007
	100	AO/Y Premium Tuff Kut	71007PM
	100	AO/X Plus	71007-2
	120	AO/X Standard	71008
	120	AO/Y Premium Tuff Kut	71008PM
	120	AO/X Plus	71008-2
6 x 60	36	AO/X Standard	71026
Std. Pk.-10	36	AO/Y Premium Tuff Kut	71026PM
	36	AO/X Plus	71026-2
	36	PZ/X Pure Zirconia	71766
	36	ZA/Y Standard	71766-2
	40	AO/X Standard	71027
	40	AO/Y Premium Tuff Kut	71027PM
	40	PZ/X Pure Zirconia	71767
	40	ZA/Y Standard	71767-2
	50	AO/X Standard	71028
	50	AO/Y Premium Tuff Kut	71028PM
	50	AO/X Plus	71028-2
	50	PZ/X Pure Zirconia	71768
	50	ZA/Y Standard	71768-2
	60	AO/X Standard	71029
	60	AO/Y Premium Tuff Kut	71029PM
	60	AO/X Plus	71029-2
	60	SC/X Poly	728796005
	60	PZ/X Pure Zirconia	71769
	60	ZA/Y Standard	71769-2
	80	AO/X Standard	71030
	80	AO/Y Premium Tuff Kut	71030PM
	80	AO/X Plus	71030-2
	80	SC/X Poly	728796006
	80	PZ/X Pure Zirconia	71770
	80	ZA/Y Standard	71770-2
6 x 300	80	AO/Y Premium Tuff Kut	710730006PM
Std. Pk.-10	80	SC/X Poly	728830006
	100	AO/X Standard	710730007
	100	AO/X Open Coat	710730007-4
	120	AO/X Standard	710730008
	120	AO/X Open Coat	710730008-4
	150	AO/X Standard	710730009
	150	AO/X Open Coat	710730009-4
7 x 164	80	AO/X Standard	7107716406
Std. Pk.-10	80	AO/X Open Coat	7107716406-4
	80	AO/E E-WT Open	660716406-1
	80	AO/F F-WT Anti-Static	660716406
	100	AO/X Standard	7107716407
	100	AO/X Open Coat	7107716407-4
	100	AO/E E-WT Open	660716407-1
	100	AO/F F-WT Anti-Static	660716407
	120	AO/X Standard	7107716408
	120	AO/X Open Coat	7107716408-4
	120	AO/E E-WT Open	660716408-1
	120	AO/F F-WT Anti-Static	660716408
	150	AO/X Standard	7107716409
	150	AO/X Open Coat	7107716409-4
	150	AO/E E-WT Open	660716409-1
	150	AO/F F-WT Anti-Static	660716409
7 x 335	80	AO/X Standard	7107733506
Std. Pk.-10	80	AO/X Open Coat	7107733506-4
	80	AO/E E-WT Open	660735506-1
	80	AO/F F-WT Anti-Static	660735506
	100	AO/X Standard	7107733507

Narrow Belts (continued)

Size	Grit	Material	Item No.
100	AO/X Open Coat		7107733507-4
100	AO/E E-WT Open		660735507-1
100	AO/F F-WT Anti-Static		660735507
120	AO/X Standard		7107735508
120	AO/X Open Coat		7107735508-4
120	AO/E E-WT Open		660735508-1
120	AO/F F-WT Anti-Static		660735508
150	AO/X Standard		7107735509
150	AO/X Open Coat		7107735509-4
150	AO/E E-WT Open		660735509-1
150	AO/F F-WT Anti-Static		660735509
8 x 107	24	AO/Y Premium Tuff Kut	71085PM
Std. Pk.-10	24	SC/Y Poly	72884
	24	PZ/X Pure Zirconia	717809
	24	ZA/Y Standard	717809-2
	36	AO/X Standard	71086
	36	AO/Y Premium Tuff Kut	71086PM
	36	SC/Y Poly	72885
	36	PZ/X Pure Zirconia	71781
	36	ZA/Y Standard	71781-2
	40	AO/X Standard	71087
	40	AO/Y Premium Tuff Kut	71087PM
	40	SC/Y Poly	72886
	40	PZ/X Pure Zirconia	71782
	40	ZA/Y Standard	71782-2
	50	AO/X Standard	71088
	50	AO/Y Premium Tuff Kut	71088PM
	50	SC/Y Poly	7288604
	50	PZ/X Pure Zirconia	71783
	50	ZA/Y Standard	71783-2
	60	AO/X Standard	71089
	60	AO/Y Premium Tuff Kut	71089PM
	60	SC/X Poly	72887
	60	PZ/X Pure Zirconia	71784
	60	ZA/Y Standard	71784-2
	80	AO/X Standard	71090
	80	AO/Y Premium Tuff Kut	71090PM
	80	SC/X Poly	72888
	80	PZ/X Pure Zirconia	71785
	80	ZA/Y Standard	71785-2
	100	AO/X Standard	71091
	100	AO/Y Premium Tuff Kut	71091PM
	100	SC/X Poly	72889
	120	AO/X Standard	71092
	120	AO/Y Premium Tuff Kut	71092PM
	120	SC/X Poly	72890
	150	AO/X Standard	71093
	150	AO/Y Premium Tuff Kut	71093PM
	150	SC/X Poly	7289009
	180	AO/X Standard	71094
	180	AO/Y Premium Tuff Kut	71094PM
	180	SC/X Poly	7289010
	240	AO/X Standard	71095
	240	AO/Y Premium Tuff Kut	71095PM
	240	SC/X Poly	7289012
10 x 70-1/2	36	AO/X Standard	71206
Std. Pk.-10	36	AO/Y Premium Tuff Kut	71206PM
	40	AO/X Standard	71207
	40	AO/Y Premium Tuff Kut	71207PM
	50	AO/X Standard	71208
	50	AO/Y Premium Tuff Kut	71208PM
	60	AO/X Standard	71209
	60	AO/Y Premium Tuff Kut	71209PM
	80	AO/X Standard	71210
	80	AO/Y Premium Tuff Kut	71210PM
	100	AO/X Standard	71211
	100	AO/Y Premium Tuff Kut	71211PM
	120	AO/X Standard	71212
	120	AO/Y Premium Tuff Kut	71212PM

Note: Additional sizes & grits are available upon request. Please call for any size not listed.

Additional sizes and grits are available upon request. Call for any size not listed.

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Abrasives

Pump Sleeves



2 x 9 (9 x 7-15/32) Std. Pk.-10	60 80 120	AO/J Premium	69908 69909 69911
3 x 9 (9 x 10-5/8) Std. Pk.-10	60 80 120	AO/J Premium	69920 69921 69923
4 x 9 (9 x 13-3/4) Std. Pk.-10	60 80 120	AO/J Premium	69932 69933 69935
6 x 9 (9 x 20) Std. Pk.-10	60 80 120	AO/J Premium	69944 69945 69947
8 x 9 (9 x 26-5/16) Std. Pk.-10	60 80 120	AO/J Premium	69956 69957 69959
10 x 9 (9 x 32-7/8) Std. Pk.-10	60 80 120	AO/J Premium	69980 69981 69983

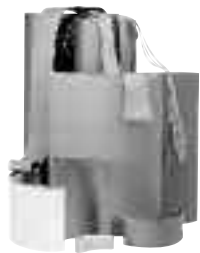
Belt Cleaning Sticks



1-1/2 x 1-1/2 x 8	68026
2 x 2 x 12	68027

Arc Advantage Belts

Aluminum Oxide Resin Bond – Advantage open coat available upon request



1 x 30	36	67422	200
	40	67423	200
	50	67424	200
	60	67425	200
	80	67426	200
	100	67427	200
	120	67428	200
	150	67429	200
	180	67430	200
1 x 42	36	67442	200
	40	67443	200
	50	67444	200
	60	67445	200
	80	67446	200
	100	67447	200
2 x 48	36	67482	50
	40	67483	50
	50	67484	50
	60	67485	50
	80	67486	50
	100	67487	50

Arc Abrasives

Arc Advantage Belts – continued

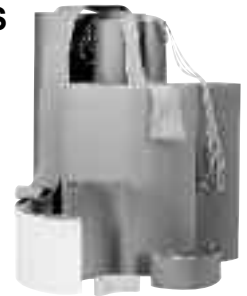
	120	67488	50
	150	67489	50
	180	67490	50
3 x 18	36	67582	50
	40	67583	50
	50	67584	50
	60	67585	50
	80	67586	50
	100	67587	50
	120	67588	50
	150	67589	50
	180	67590	50
3 x 21	36	67602	50
	40	67603	50
	50	67604	50
	60	67605	50
	80	67606	50
	100	67607	50
	120	67608	50
	150	67609	50
	180	67610	50
3 x 23-3/4	36	67622	50
	40	67623	50
	50	67624	50
	60	67625	50
	80	67626	50
	100	67627	50
	120	67628	50
	150	67629	50
	180	67630	50
3 x 24	36	67642	50
	40	67643	50
	50	67644	50
	60	67645	50
	80	67646	50
	100	67647	50
	120	67648	50
	150	67649	50
	180	67650	50
4 x 21-3/4	36	67662	50
	40	67663	50
	50	67664	50
	60	67665	50
	80	67666	50
	100	67667	50
	120	67668	50
	150	67669	50
	180	67670	50
4 x 24	36	67682	50
	40	67683	50
	50	67684	50
	60	67685	50
	80	67686	50
	100	67687	50
	120	67688	50
	150	67689	50
	180	67690	50
6 x 48	36	67722	20
	40	67723	20
	50	67724	20
	60	67725	20
	80	67726	20
	100	67727	20
	120	67728	20
	150	67729	20
	180	67730	20

Note: Advantage Belts must be ordered in standard packages only. Partial packages are not available. Belts will be made from Arc's choice of aluminum oxide resin bond X-weight cloth. Specific material may not be requested; however all belts in a single box will be produced from the same material.

Additional sizes and grits are available upon request. Call for any size not listed.

WIDE BELTS

Aluminum Oxide Resin Bond – Butt Joint



14 x 86 Std. Pkg.-3	36	AO/Y Premium Tuff Kut	71248602PM
	36	SC/Y Poly	71248602-06
	36	ZA/X Plus	71248602-09
	36	ZA/Y Standard	71248602-10
	40	AO/Y Premium Tuff Kut	71248603PM
	40	SC/Y Poly	71248603-06
	40	ZA/X Plus	71248603-09
	40	ZA/Y Standard	71248603-10
14 x 107 Std. Pkg.-3	36	AO/Y Premium Tuff Kut	7124810702PM
	36	SC/Y Poly	7124810702-06
	36	ZA/X Plus	7124810702-09
	36	ZA/Y Standard	7124810702-10
	40	AO/Y Premium Tuff Kut	7124810703PM
	40	SC/Y Poly	7124810703-06
	40	ZA/X Plus	7124810703-09
	40	ZA/Y Standard	7124810703-10
14 x 113-1/4 Std. Pkg.-3	36	AO/Y Premium Tuff Kut	7124811302PM
	36	SC/Y Poly	7124811302-06
	36	ZA/X Plus	7124811302-09
	36	ZA/Y Standard	7124811302-10
	40	AO/Y Premium Tuff Kut	7124811303PM
	40	SC/Y Poly	7124811303-06
	40	ZA/X Plus	7124811303-09
	40	ZA/Y Standard	7124811303-10
15 x 127-1/2 Std. Pkg.-3	36	AO/Y Premium Tuff Kut	712512702PM
	36	SC/Y Poly	712512702-06
	36	ZA/X Plus	712512702-10
	36	ZA/Y Standard	712512702-11
	40	AO/Y Premium Tuff Kut	712512703PM
	40	SC/Y Poly	712512703-06
	40	ZA/X Plus	712512703-10
	40	ZA/Y Standard	712512703-11
18 x 85 Std. Pkg.-3	36	AO/X Standard	71944
	36	AO/Y Premium Tuff Kut	71944PM
	36	AO/X Plus	71944-02
	36	SC/Y Poly	71944-06
	36	ZA/Y Standard	71944-10
	60	AO/X Standard	71947
	60	AO/Y Premium Tuff Kut	71947PM
	60	AO/X Plus	71947-02
	60	SC/X Poly	71947-07
	60	ZA/Y Standard	71947-10
18 x 85 Std. Pkg.-5	80	AO/X Standard	71948
	80	AO/Y Premium Tuff Kut	71948PM
	80	AO/X Plus	71948-02
	80	SC/X Poly	71948-07
	80	ZA/Y Standard	71948-10
	100	AO/X Standard	71949
	100	AO/Y Premium Tuff Kut	71949PM
	100	AO/X Plus	71949-02
	100	SC/X Poly	71949-07
	120	AO/X Standard	71950
120	AO/Y Premium Tuff Kut	71950PM	
120	AO/X Plus	71950-02	
	120	SC/X Poly	71950-07
19 x 48 Std. Pkg.-3	36	AO/X Standard	71966
	36	AO/Y Premium Tuff Kut	71966PM
	36	AO/X Plus	71966-02
	36	SC/Y Poly	71966-06
	36	ZA/Y Standard	71966-10
	60	AO/X Standard	71969
60	AO/Y Premium Tuff Kut	71969PM	
60	AO/X Plus	71969-02	
60	SC/X Poly	71969-07	
60	ZA/Y Standard	71969-10	
19 x 48 Std. Pkg.-5	80	AO/X Standard	71970
	80	AO/Y Premium Tuff Kut	71970PM

– continues –

Abrasives

Arc Abrasives



Wide Belts (continued)

Size	Grit	Material	Item No.
	80	AO/X Plus	71970-02
	80	SC/X Poly	71970-07
	80	ZA/Y Standard	71970-10
	100	AO/X Standard	71971
	100	AO/Y Premium Tuff Kut	71971PM
	100	AO/X Plus	71971-02
	100	SC/X Poly	71971-07
	120	AO/X Standard	71972
	120	AO/Y Premium Tuff Kut	71972PM
	120	AO/X Plus	71972-02
	120	SC/X Poly	71972-07
25 x 48 Std. Pkg. 3	40	AO/X Standard	72142
	40	AO/Y Premium Tuff Kut	72142PM
	40	AO/Y OC Washable	72142-05
	40	ZA/Y Standard	72142-10
	50	AO/X Standard	72143
	50	AO/Y Premium Tuff Kut	72143PM
	50	AO/Y OC Washable	72143-05
	50	ZA/Y Standard	72143-10
	60	AO/X Standard	72144
	60	AO/Y Premium Tuff Kut	72144PM
	60	AO/Y OC Washable	72144-05
	60	ZA/Y Standard	72144-10
25 x 48 Std. Pkg.-5	80	AO/X Standard	72145
	80	AO/Y Premium Tuff Kut	72145PM
	80	AO/Y OC Washable	72145-05
	80	ZA/Y Standard	72145-10
	100	AO/X Standard	72146
	100	AO/Y Premium Tuff Kut	72146PM
	100	AO/Y OC Washable	72146-05
	120	AO/X Standard	72147
	120	AO/Y Premium Tuff Kut	72147PM
	120	AO/Y OC Washable	72147-05
	180	AO/X Standard	72149
	180	AO/Y Premium Tuff Kut	72149PM
	180	AO/Y OC Washable	72149-05
25 x 60 Std. Pkg.-3	36	AO/X Standard	72152
	36	AO/Y Premium Tuff Kut	72152PM
	36	AO/X Plus	72152-02
	36	AO/Y OC Washable	72152-05
	60	AO/X Standard	72155
	60	AO/Y Premium Tuff Kut	72155PM
	60	AO/X Plus	72155-02
	60	AO/Y OC Washable	72155-05
	60	AO/E E Weight Open	662506005-1
	60	AO/F F Weight Anti-Static	662506005
25 x 60 Std. Pkg.-5	80	AO/X Standard	72156
	80	AO/Y Premium Tuff Kut	72156PM
	80	AO/X Plus	72156-02
	80	AO/Y OC Washable	72156-05
	80	AO/E E Weight Open	662506006-1
	80	AO/F F Weight Anti-Static	662506006
	100	AO/X Standard	72157
	100	AO/Y Premium Tuff Kut	72157PM
	100	AO/X Plus	72157-02
	100	AO/Y OC Washable	72157-05
	100	AO/E E Weight Open	662506007-1
	100	AO/F F Weight Anti-Static	662506007
	120	AO/X Standard	72158
	120	AO/Y Premium Tuff Kut	72158PM
	120	AO/X Plus	72158-02
	120	AO/Y OC Washable	72158-05
	120	AO/E E Weight Open	662506008-1
	120	AO/F F Weight Anti-Static	662506008
	180	AO/X Standard	72160
	180	AO/Y Premium Tuff Kut	72160PM
	180	AO/Y OC Washable	72160-05
	180	AO/E E Weight Open	662506010-1
	180	AO/F F Weight Anti-Static	662506010
25 x 75 Std. Pkg.-3	24	AO/Y Premium Tuff Kut	72162PM
	36	AO/Y Premium Tuff Kut	72163PM

Wide Belts (continued)

Size	Grit	Material	Item No.
	36	AO/Y OC Washable	72163-05
	36	ZA/Y Standard	72163-10
	60	AO/Y Premium Tuff Kut	72166PM
	60	AO/Y OC Washable	72166-05
	60	ZA/Y Standard	72166-10
25 x 75 Std. Pkg.-5	80	AO/Y Premium Tuff Kut	72167PM
	80	AO/Y OC Washable	72167-05
	80	ZA/Y Standard	72167-10
	100	AO/Y Premium Tuff Kut	72168PM
	100	AO/Y OC Washable	72168-05
	120	AO/Y Premium Tuff Kut	72169PM
	120	AO/Y OC Washable	72169-05
	150	AO/Y Premium Tuff Kut	72170PM
	150	AO/Y OC Washable	72170-05
	180	AO/Y Premium Tuff Kut	72171PM
	180	AO/Y OC Washable	72171-05
30 x 103 Std. Pkg.-3	36	AO/X Standard	72187
	36	AO/Y Premium Tuff Kut	72187PM
	36	AO/X Plus	72187-02
	36	AO/Y OC Washable	72187-05
	60	AO/X Standard	72190
30 x 103 Std. Pkg.-5	80	AO/Y Premium Tuff Kut	72191PM
	80	AO/X Plus	72191-02
	80	AO/Y OC Washable	72191-05
	80	ZA/Y Standard	72191-10
	80	ZA/X Economy	72191-11
	100	AO/X Standard	721917
	100	AO/Y Premium Tuff Kut	721917PM
	100	AO/X Plus	721917-02
	100	AO/Y OC Washable	721917-05
	120	AO/X Standard	72192
	120	AO/Y Premium Tuff Kut	72192PM
	120	AO/X PLUS	72192-02
	120	AO/Y OC Washable	72192-05
	180	AO/X Standard	72193
	180	AO/Y Premium Tuff Kut	72193PM
	180	AO/Y OC Washable	72193-05
36 x 60 Std. Pkg.-3	36	AO/Y Premium Tuff Kut	7222602PM
	36	AO/Y OC Washable	7222602-05
	60	AO/Y Premium Tuff Kut	7222605PM
	60	AO/Y OC Washable	7222605-05
36 x 60 Std. Pkg.-5	80	AO/Y Premium Tuff Kut	7222606PM
	80	AO/Y OC Washable	7222606-05
	100	AO/Y Premium Tuff Kut	7222607PM
	100	AO/Y OC Washable	7222607-05
	120	AO/Y Premium Tuff Kut	7222608PM
	120	AO/Y OC Washable	7222608-05
	180	AO/Y Premium Tuff Kut	7222610PM
	180	AO/Y OC Washable	7222610-05
36 x 75 Std. Pkg.-3	36	AO/X STANDARD	72229
	36	AO/Y Premium Tuff Kut	72229PM
	36	AO/X Plus	72229-02
	36	AO/Y OC Washable	72229-05
	36	ZA/X Plus	72229-09
	36	ZA/Y Standard	72229-10
	40	AO/X Standard	72230
	40	AO/Y Premium Tuff Kut	72230PM
	40	AO/Y OC Washable	72230-05
	40	ZA/X Plus	72230-09
	40	ZA/Y Standard	72230-10
	50	AO/X Standard	72231
	50	AO/Y Premium Tuff Kut	72231PM
	50	AO/X Plus	72231-02
	50	AO/Y OC Washable	72231-05
	50	ZA/X Plus	72231-09
	50	ZA/Y Standard	72231-10
	60	AO/X Standard	72232
	60	AO/Y Premium Tuff Kut	72232PM
	60	AO/X Plus	72232-02
	60	AO/Y OC Washable	72232-05
	60	AO/E E Weight Open	663607505-1
	60	AO/F F Weight Anti-Static	663607505
	60	SC/X Poly	72232-07
	60	ZA/X Plus	72232-09
	60	ZA/Y Standard	72232-10
36 x 75 Std. Pkg.-5	80	AO/X Standard	72233
	80	AO/Y Premium Tuff Kut	72233PM
	80	AO/X Plus	72233-02
	80	AO/Y OC Washable	72233-05
	80	AO/E Weight Open	663607506-1
	80	AO/F F Weight Anti-Static	663607506

Wide Belts (continued)

Size	Grit	Material	Item No.
	80	SC/X Poly	72233-07
	80	ZA/X Plus	72233-09
	80	ZA/Y Standard	72233-10
	100	AO/X Standard	72234
	100	AO/Y Premium Tuff Kut	72234PM
	100	AO/X Plus	72234-02
	100	AO/Y OC Washable	72234-05
	100	AO/E Weight Open	663607507-1
	100	AO/F F Weight Anti-Static	663607507
	100	SC/X Poly	72234-07
	120	AO/X Standard	72235
	120	AO/Y Premium Tuff Kut	72235PM
	120	AO/X Plus	72235-02
	120	AO/Y OC Washable	72235-05
	120	AO/E Weight Open	663607508-1
	120	AO/F F Weight Anti-Static	663607508
	120	SC/X Poly	72235-07
	180	AO/X Standard	72237
	180	AO/Y Premium Tuff Kut	72237PM
	180	AO/Y OC Washable	72237-05
	180	AO/F F Weight Anti-Static	663607510
37 x 60 Std. Pkg.-3	36	AO/X Standard	72281
	36	AO/Y Premium Tuff Kut	72281PM
	36	AO/X Plus	72281-02
	36	AO/Y OC Washable	72281-05
	36	ZA/X Plus	72281-09
	36	ZA/Y Standard	72281-10
	40	AO/X Standard	72282
	40	AO/Y Premium Tuff Kut	72282PM
	40	AO/Y OC Washable	72282-05
	40	ZA/X Plus	72282-09
	40	ZA/Y Standard	72282-10
	50	AO/X Standard	72283
	50	AO/Y Premium Tuff Kut	72283PM
	50	AO/X Plus	72283-02
	50	AO/Y OC Washable	72283-05
	50	ZA/X Plus	72283-09
	50	ZA/Y Standard	72283-10
	60	AO/X Standard	72284
	60	AO/Y Premium Tuff Kut	72284PM
	60	AO/X Plus	72284-02
	60	AO/Y OC Washable	72284-05
	60	AO/E E Weight Open	663706005-1
	60	AO/F F Weight Anti-Static	663706005
	60	SC/X Poly	72284-07
	60	ZA/X Plus	72284-09
	60	ZA/Y Standard	72284-10
37 x 60 Std. Pkg.-5	80	AO/X Standard	72285
	80	AO/Y Premium Tuff Kut	72285PM
	80	AO/X Plus	72285-02
	80	AO/Y OC Washable	72285-05
	80	AO/E E Weight Open	663706006-1
	80	AO/F F Wt. Anti-Static	663706006
	80	SC/X Poly	72285-07
	80	ZA/X Plus	72285-09
	80	ZA/Y Standard	72285-10
	100	AO/X Standard	72286
	100	AO/Y Premium Tuff Kut	72286PM
	100	AO/X Plus	72286-02
	100	AO/Y OC Washable	72286-05
	100	AO/E E Weight Open	663706007-1
	100	AO/F F Weight Anti-Static	663706007
	100	SC/X Poly	72286-07
	120	AO/X Standard	72287
	120	AO/Y Premium Tuff Kut	72287PM
	120	AO/X Plus	72287-02
	120	AO/Y OC Washable	72287-05
	120	AO/E E Weight Open	663706008-1
	120	AO/F F Weight Anti-Static	663706008
	120	SC/X Poly	72287-07
	180	AO/X Standard	72289
	180	AO/Y Premium Tuff KUT	72289PM
	180	AO/Y OC Washable	72289-05
	180	AO/E E Weight Open	663706010-1
	180	AO/F F Weight Anti-Static	663706010
	180	SC/X Poly	72289-07
37 x 75 Std. Pkg.-3	36	AO/X Standard	72304
	36	AO/Y Premium Tuff Kut	72304PM
	36	AO/X Plus	72304-02
	36	AO/Y OC Washable	72304-05
	36	ZA/X Plus	72304-09
	36	ZA/Y Standard	72304-10

Arc Abrasives



Wide Belts (continued)

Size	Grit	Material	Item No.
	40	AO/X Standard	72305
	40	AO/Y Premium Tuff Kut	72305PM
	40	AO/Y OC Washable	72305-05
	40	ZA/X Plus	72305-09
	40	ZAY Standard	72305-10
	50	AO/X Standard	72306
	50	AO/Y Premium Tuff Kut	72306PM
	50	AO/X Plus	72306-02
	50	AO/Y OC Washable	72306-05
	50	ZA/X Plus	72306-09
	50	ZAY Standard	72306-10
	60	AO/X Standard	72307
	60	AO/Y Premium Tuff Kut	72307PM
	60	AO/X Plus	72307-02
	60	AO/Y OC Washable	72307-05
	60	AO/E E Weight Open	663707505-1
	60	AO/F F Weight Anti-Static	663707505
	60	SC/X Poly	72307-07
	60	ZA/X Plus	72307-09
	60	ZAY Standard	72307-10
37 x 75 Std. Pkg.-5	80	AO/X STANDARD	72308
	80	AO/Y Premium Tuff Kut	72308PM
	80	AO/X Plus	72308-02
	80	AO/Y OC Washable	72308-05
	80	AO/E E Weight Open	663707506-1
	80	AO/F F Weight Anti-Static	663707506
	80	SC/X Poly	72308-07
	80	ZA/X Plus	72308-09
	80	ZAY Standard	72308-10
	100	AO/X Standard	72309
	100	AO/Y Premium Tuff Kut	72309PM
	100	AO/X Plus	72309-02
	100	AO/Y OC Washable	72309-05
	100	AO/E E Weight Open	663707507-1
	100	AO/F F Weight Anti-Static	663707507
	100	SC/X Poly	72309-07
	120	AO/X Standard	72310
	120	AO/Y Premium Tuff Kut	72310PM
	120	AO/X Plus	72310-02
	120	AO/Y OC Washable	72310-05
	120	AO/E E Weight Open	663707508-1
	120	AO/F F Weight Anti-Static	663707508
	120	SC/X Poly	72310-07
	180	AO/X Standard	72312
	180	AO/Y Premium Tuff Kut	72312PM
	180	AO/Y OC Washable	72312-05
	180	AO/E E Weight Open	663707510-1
	180	AO/F F Weight Anti-Static	663707510
	180	SC/X Poly	72312-07
50 x 75 Std. Pkg.-3	60	AO/Y OC Washable	7239105-05
	60	AO/E E Weight Open	665007505-1
	60	AO/F F Weight Anti-Static	665007505
50 x 75 Std. Pkg.-5	80	AO/Y OC Washable	7239106-05
	80	AO/E E Weight Open	665007506-1
	80	AO/F F Weight Anti-Static	665007506
	100	AO/Y OC Washable	7239107-05
	100	AO/E E Weight Open	665007507-1
	100	AO/F F Weight Anti-Static	665007507
	120	AO/Y OC Washable	7239108-05
	120	AO/E E Weight Open	665007508-1
	120	AO/F F Weight Anti-Static	665007508
	180	AO/Y OC Washable	7239110-05
	180	AO/E E Weight Open	665007510-1
	180	AO/F F Weight Anti-Static	665007510
50 x 103 Std. Pkg.-3	36	AO/X Standard	72392
	36	AO/Y Premium Tuff Kut	72392PM
	36	AO/Y OC Washable	72392-05
	36	SC/Y Poly	72392-06
	36	ZAY Standard	72392-10
	60	AO/X Standard	72395
	60	AO/Y Premium Tuff Kut	72395PM

Wide Belts (continued)

Size	Grit	Material	Item No.
	60	AO/Y OC Washable	72395-05
	60	AO/E E Weight Open	665010305-1
	60	AO/F F Weight Anti-Static	665010305
	60	SC/X Poly	72395-07
	60	ZAY Standard	72395-10
50 x 103 Std. Pkg.-5	80	AO/X Standard	72396
	80	AO/Y Premium Tuff Kut	72396PM
	80	AO/Y OC Washable	72396-05
	80	AO/E E Weight Open	665010306-1
	80	AO/F F Weight Anti-Static	665010306
	80	SC/X Poly	72396-07
	80	ZA/Y Standard	72396-10
	100	AO/X Standard	72397
	100	AO/Y Premium Tuff Kut	72397PM
	100	AO/Y OC Washable	72397-05
	100	AO/E E Weight Open	665010307-1
	100	AO/F F Weight Anti-Static	665010307
	100	SC/X Poly	72397-07
	120	AO/X Standard	72398
	120	AO/Y Premium Tuff Kut	72398PM
	120	AO/Y OC Washable	72398-05
	120	AO/E E Weight Open	665010308-1
	120	AO/F F Weight Anti-Static	665010308
	120	SC/X Poly	72398-07
	180	AO/X Standard	72400
	180	AO/Y Premium Tuff Kut	72400PM
	180	AO/Y OC Washable	72400-05
	180	AO/E E Weight Open	665010310-1
	180	AO/F F Weight Anti-Static	665010310
	180	SC/X Poly	72400-07
52 x 75 Std. Pk.-3	36	AO/X Standard	72437
	36	AO/Y Premium Tuff Kut	72437PM
	36	AO/X Plus	72437-02
	36	AO/Y OC Washable	72437-05
	36	SC/Y Poly	72437-06
	60	AO/X Standard	72440
	60	AO/Y Premium Tuff Kut	72440PM
	60	AO/X Plus	72440-02
	60	AO/Y OC Washable	72440-05
	60	AO/E E Weight Open	665207505-1
	60	AO/F F Weight Anti-Static	665207505
	60	SC/X Poly	72440-07
	60	ZAY Standard	72440-10
52 x 75 Std. Pk.-5	80	AO/X Standard	72441
	80	AO/Y Premium Tuff Kut	72441PM
	80	AO/X Plus	72441-02
	80	AO/Y OC Washable	72441-05
	80	AO/E E Weight Open	665207506-1
	80	AO/F F Weight Anti-Static	665207506
	80	SC/X Poly	72441-07
	80	ZAY Standard	72441-10
	100	AO/X Standard	72442
	100	AO/Y Premium Tuff Kut	72442PM
	100	AO/X Plus	72442-02
	100	AO/Y OC Washable	72442-05
	100	AO/E E Weight Open	665207507-1
	100	AO/F F Weight Anti-Static	665207507
	100	SC/X Poly	72442-07
	120	AO/X Standard	72443
	120	AO/Y Premium Tuff Kut	72443PM
	120	AO/X Plus	72443-02
	120	AO/Y OC Washable	72443-05
	120	AO/E E Weight Open	665207508-1
	120	AO/F F Weight Anti-Static	665207508
	120	SC/X Poly	72443-07
	180	AO/X Standard	72445
	180	AO/Y Premium Tuff Kut	72445PM
	180	AO/Y OC Washable	72445-05
	180	AO/E E Weight Open	665207510-1
	180	AO/F F Weight Anti-Static	665207510
	180	SC/X Poly	72445-07
52 x 103 Std. Pkg.-3	36	AO/X Standard	72448
	36	AO/Y Premium Tuff Kut	72448PM
	36	AO/X Plus	72448-02
	36	AO/Y OC Washable	72448-05
	36	SC/Y Poly	72448-06
	36	ZA/X Plus	72448-09
	36	ZAY Standard	72448-10
	40	AO/X Standard	72449
	40	AO/Y Premium Tuff Kut	72449PM
	40	AO/Y OC Washable	72449-05

Wide Belts (continued)

	40	SC/Y Poly	72449-06
	40	ZA/X Plus	72449-09
	40	ZAY Standard	72449-10
	50	AO/X Standard	72450
	50	AO/Y Premium Tuff Kut	72450PM
	50	AO/X Plus	72450-02
	50	AO/Y OC Washable	72450-05
	50	SC/Y Poly	72450-06
	50	ZAX Plus	72450-09
	50	ZAY Standard	72450-10
	60	AO/X Standard	72451
	60	AO/Y Premium Tuff Kut	72451PM
	60	AO/X Plus	72451-02
	60	AO/Y OC Washable	72451-05
	60	AO/E E Weight Open	665210305-1
	60	AO/F F Weight Anti-Static	665210305
	60	SC/X Poly	72451-07
	60	ZAX Plus	72451-09
	60	ZAY Standard	72451-10
52 x 103 Std. Pkg.-5	80	AO/X Standard	72452
	80	AO/Y Premium Tuff Kut	72452PM
	80	AO/X Plus	72452-02
	80	AO/Y OC Washable	72452-05
	80	AO/E E Weight Open	665210306-1
	80	AO/F F Weight Anti-Static	665210306
	80	SC/X Poly	72452-07
	80	ZAX Plus	72452-09
	80	ZAY Standard	72452-10
	100	AO/X Standard	72453
	100	AO/Y Premium Tuff Kut	72453PM
	100	AO/X Plus	72453-02
	100	AO/Y OC Washable	72453-05
	100	AO/E E Weight Open	665210307-1
	100	AO/F F Weight Anti-Static	665210307
	100	SC/X Poly	72453-07
	120	AO/X Standard	72454
	120	AO/Y Premium Tuff Kut	72454PM
	120	AO/X Plus	72454-02
	120	AO/Y OC Washable	72454-05
	120	AO/E E Weight Open	665210308-1
	120	AO/F F Weight Anti-Static	665210308
	120	SC/X Poly	72454-07
	150	AO/X Standard	72455
	150	AO/Y Premium Tuff Kut	72455PM
	150	AO/Y OC Washable	72455-05
	150	AO/E E Weight Open	665210309-1
	150	AO/F F Weight Anti-Static	665210309
	150	SC/X Poly	72455-07
	180	AO/X Standard	72456
	180	AO/Y Premium Tuff Kut	72456PM
	180	AO/Y OC Washable	72456-05
	180	AO/E E Weight Open	665210310-1
	180	AO/F F Weight Anti-Static	665210310
	180	SC/X Poly	72456-07

Additional sizes and grits are available upon request. Call for any size not listed.

Abrasives

Arc Abrasives

**Mounted Flapwheels
1/4 Shank**

Aluminum Oxide Resin Bond Cloth

- The special X-Flex material easily conforms to contours
- Blending, finishing & deburring on the exterior or interior of a part
- Works great on non-ferrous & ferrous metals
- Cleans burrs & threads



1 x 5/8 1/4 Shank	60 11156 10 80 11157 10 120 11159 10
Max. RPM's 38,200	180 11161 10 240 11163 10 320 11165 10
1 x 1 1/4 Shank	60 11169 10 80 11170 10 120 11172 10
Max. RPM's 38,200	180 11174 10 240 11176 10 320 11178 10
1-1/2 x 1/2 1/4 Shank	60 11208 10 80 11209 10 120 11211 10
Max. RPM's 23,800	180 11213 10 240 11215 10 320 11217 10
1-1/2 x 3/4 1/4 Shank	60 11221 10 80 11222 10 120 11224 10
Max. RPM's 23,800	180 11226 10 240 11228 10 320 11230 10
1-1/2 x 1 1/4 Shank	60 11234 10 80 11235 10 120 11237 10
Max. RPM's 23,800	180 11239 10 240 11241 10 320 11243 10
2 x 1/2 1/4 Shank	60 11260 10 80 11261 10 120 11263 10
Max. RPM's 19,000	180 11265 10 240 11267 10 320 11269 10
2 x 3/4 1/4 Shank	60 11273 10 80 11274 10 120 11276 10
Max. RPM's 19,000	180 11278 10 240 11280 10 320 11282 10
2 x 1 1/4 Shank	60 11286 10 80 11287 10 120 11289 10
Max. RPM's 19,000	180 11291 10 240 11293 10 320 11295 10
2 x 1-1/2 1/4 Shank	60 11299 10 80 11300 10 120 11302 10

Max. RPM's 19,000	180 11304 10 240 11306 10 320 11308 10
2-1/2 x 1/2 1/4 Shank	60 11312 10 80 11313 10 120 11315 10
Max. RPM's 16,100	180 11317 10 240 11319 10 320 11321 10
2-1/2 x 1 1/4 Shank	60 11338 10 80 11339 10 120 11341 10
Max. RPM's 16,100	180 11343 10 240 11345 10 320 11347 10
2-1/2 x 1-1/2 1/4 Shank	60 11351 10 80 11352 10 120 11354 10
Max. RPM's 16,100	180 11356 10 240 11358 10 320 11360 10
3 x 1/2 1/4 Shank	60 11364 10 80 11365 10 120 11367 10
Max. RPM's 11,800	180 11369 10 240 11371 10 320 11373 10
3 x 3/4 1/4 Shank	60 11377 10 80 11378 10 120 11380 10
Max. RPM's 11,800	180 11382 10 240 11384 10 320 11386 10
3 x 1 1/4 Shank	60 11390 10 80 11391 10 120 11393 10
Max. RPM's 11,800	180 11395 10 240 11397 10 320 11399 10
3 x 1-1/2 1/4 Shank	60 11403 10 80 11404 10 120 11406 10
Max. RPM's 11,800	180 11408 10 240 11410 10 320 11412 10
3 x 2 1/4 Shank	60 11416 10 80 11417 10 120 11419 10
Max. RPM's 8,900	180 11421 10 240 11423 10 320 11425 10

Mounted Flapwheels 1/4-20 Shank (Spin-On) (continued)

1 x 5/8 1/4-20 Shank	60 12137 10 80 12138 10 120 12140 10
Max. RPM's 38,200	180 12142 10 240 12144 10 320 12146 10
1 x 1 1/4-20 Shank	60 12150 10 80 12151 10 120 12153 10
Max. RPM's 38,200	180 12155 10 240 12157 10 320 12159 10
1-1/2 x 1/2 1/4-20 Shank	60 12163 10 80 12164 10 120 12166 10
Max. RPM's 23,800	180 12168 10 240 12170 10 320 12172 10
1-1/2 x 1 1/4-20 Shank	60 12189 10 80 12190 10 120 12192 10
Max. RPM's 23,800	180 12194 10 240 12196 10 320 12198 10
2 x 1/2 1/4-20 Shank	60 12215 10 80 12216 10 120 12218 10

Max. RPM's 19,000	180 12220 10 240 12222 10 320 12224 10
2 x 1 1/4-20 Shank	60 12241 10 80 12242 10 120 12244 10
Max. RPM's 19,000	180 12246 10 240 12248 10 320 12250 10
2-1/2 x 1/2 1/4-20 Shank	60 12267 10 80 12268 10 120 12270 10
Max. RPM's 16,100	180 12272 10 240 12274 10 320 12276 10
3 x 1/2 1/4-20	60 12319 10 80 12320 10 120 12322 10
Max. RPM's 11,800	180 12324 10 240 12326 10 320 12328 10
3 x 1 1/4-20	60 12345 10 80 12346 10 120 12348 10
Max. RPM's 11,800	180 12350 10 240 12352 10 320 12354 10

**Standard Mounted
Flapwheels 1/4 Shank**

Aluminum Oxide Resin Bond Cloth

- Blending, finishing, and deburring in very tight areas (exterior and interior)
- Works on non-ferrous and ferrous metal
- Cleans burrs and threads



Size - Dia./ Width (in)	Grit	Item No.	Std. Pkg.
1 x 1 1/4 Shank	60 11604 10 80 11605 10		
Max. RPM's 38,200	120 11607 10 180 11609 10		
1-1/2 x 1 1/4 Shank	60 11624 10 80 11625 10		
Max. RPM's 23,800	120 11627 10 180 11629 10		

2 x 1 1/4 Shank	60 11644 10 80 11645 10
Max. RPM's 19,000	120 11647 10 180 11649 10
3 x 1 1/4 Shank	60 11664 10 80 11665 10
Max. RPM's 11,800	120 11667 10 180 11669 10

**Mounted Flapwheel Adapters
1/4-20 Shank**

Size	Length	Item No.	Std. Pkg.
1/4 Shank Ext.	1	50931	1
1/4 Shank Ext.	4	50932	1
1/4 Shank Ext.	6	50933	1
1/4 Shank Ext.	8	50934	1

**Mounted Flapwheels
1/4-20 Shank (Spin-On)**

Aluminum Oxide Resin Bond Cloth

- Great for piece work and production
- The special X-Flex material easily conforms to contours
- Blending, finishing, and deburring on the exterior or interior of a part
- Works great on no-ferrous and ferrous metals
- Cleans burrs & threads



**Mandrel Mounted & Spin-On
Flapwheel Kits/Grinder**

- Here's the ideal way to determine your exact needs
- Includes 9 wheels in popular sizes and grits
- Spin-on Kit includes one threaded shank adapter

	Item No.	Std. Pkg.
Mandrel Mounted Flapwheel Kit	50682	1
Spin-On Flapwheel Kit	50681	1
Straight Die Grinder	50705	1



Mandrel - 1/4 Shank shown

- continues -

Arc Abrasives

Unmounted Flapwheels

Aluminum Oxide Resin Bond Cloth

- Use on stationary & portable grinders
- Blending & finishing insides of large vats (Brewery, Pharmaceutical, Nuclear)
- Finishes flat & contour surfaces
- Excellent performance on non-ferrous & ferrous metals



Size - Dia./Width (in)	Grit	Item No.	Std. Pkg.
3-1/2 x 1	60	10103-ARC	10
	80	10104-ARC	10
	120	10106-ARC	10
Max. RPM's 10,000	180	10108-ARC	10
	240	10109-ARC	10
3-1/2 x 1-1/2 5/8 A.H.	60	10123-ARC	10
	80	10124-ARC	10
	120	10126-ARC	10
Max. RPM's 10,000	180	10128-ARC	10
	240	10129-ARC	10
3-1/2 x 2 5/8 A.H.	60	10143-ARC	10
	80	10144-ARC	10
	120	10146-ARC	10
Max. RPM's 10,000	180	10148-ARC	10
	240	10149-ARC	10
4 x 1 5/8 A.H.	60	10163	10
	80	10164	10
	120	10166	10
Max. RPM's 8,600	180	10168-ARC	10
	240	10169-ARC	10
4 x 1-1/2 5/8 A.H.	60	10183	10
	80	10184	10
	120	10186-ARC	10
Max. RPM's 8,600	180	10188-ARC	10
	240	10189-ARC	10
4 x 2 5/8 A.H.	60	10203	10
	80	10204	10
	100	10205-ARC	10
Max. RPM's 8,600	120	10206	10
	180	10208-ARC	10
6 x 1 1 A.H.	40	10241	5
	50	10242	5
	60	10243	5
Max. RPM's 5,700	80	10244	5
	100	10245	5
	120	10246	5
	150	10247	5
	180	10248	5
Max. RPM's 5,700	240	10249-ARC	5
	320	10250-ARC	5
	40	10261	5
6 x 1-1/2 1 A.H.	50	10262-ARC	5
	60	10263	5
	80	10264	5
Max. RPM's 5,700	100	10265-ARC	5
	120	10266	5
	180	10267	5

Size - Dia./Width (in)	Grit	Item No.	Std. Pkg.
6 x 2 1 A.H.	180	10268-ARC	5
	240	10269-ARC	5
	320	10270-ARC	5
Max. RPM's 5,700	40	10281	5
	50	10282	5
	60	10283	5
	80	10284	5
	100	10285-ARC	5
Max. RPM's 5,700	120	10286	5
	180	10288	5
	240	10289-ARC	5
Max. RPM's 5,700	320	10290-ARC	5
	50	10322-ARC	5
	60	10323-ARC	5
Max. RPM's 5,700	80	10324-ARC	5
	120	10326-ARC	5
8 x 1 1 A.H.	40	10341-ARC	3
	60	10343	3
	80	10344	3
Max. RPM's 5,200	120	10346	3
	180	10348	3
8 x 2 1 A.H.	60	10383	3
	80	10384	3
Max. RPM's 5,200	120	10386-ARC	3
	180	10388-ARC	3
10 x 1 1-3/4 A.H.	60	10423-ARC	2
	80	10424-ARC	2
Max. RPM's 4,300	120	10426-ARC	2
	180	10428-ARC	2
10 x 2 1-3/4 A.H.	60	10463-ARC	2
	80	10464-ARC	2
Max. RPM's 4,300	120	10466-ARC	2
	180	10468-ARC	2
12 x 1 1-3/4 A.H.	60	10491-ARC	2
	80	10492-ARC	2
Max. RPM's 3,400	120	10493-ARC	2
	60	10494Z2-ARC	2
12 x 2 1-3/4 A.H.	80	10494Z3-ARC	2
	120	10494Z4-ARC	2
Max. RPM's 3,400	180	10494Z5-ARC	2
	240	10494Z6-ARC	2

Unmounted Flapwheel Shank Adapters

1/4 Shank	3-1/2	50935	1
1/4 Shank	4, 5, 6, 8	50937	1

Unmounted Flapwheel

Arbor Hole Reducing Bushings

3/8	6 & 8	10501	1 pr.
1/2	6 & 8	10502	1 pr.
5/8	6 & 8	10503	1 pr.
3/4	6 & 8	10504	1 pr.
7/8	6 & 8	10505	1 pr.
1	10	10506	1 pr.
1-1/4	10	10507	1 pr.

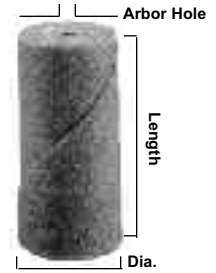
Additional sizes and grits are available upon request. Call for any size not listed.

Straight Cartridge Rolls

Aluminum Oxide Resin Bond Cloth

"Silicon Carbide, Zirconia Alumina & Glue Bond available upon request"

- Ideal for finishing operations
- Irregular concaves, contours, dead-end holes, channels
- Deburring, blending tool mark removal
- Flash removal



Size - Dia./Length (in)	Grit	Item No.	Std. Pkg.
1/8 x 1 5/64 A.H.	80	21115	500
	100	21116	500
	120	21117	500
Max. RPM's 26,000	180	21119	500
	240	21120	500
3/16 x 3/4 3/32 A.H.	80	21129	100
	100	21130	100
	120	21131	100
Max. RPM's 26,000	180	21133	100
	240	21134	100
3/16 x 1 3/32 A.H.	80	21136	100
	100	21137	100
	120	21138	100
Max. RPM's 26,000	180	21140	100
	240	21141	100
1/4 x 3/4 1/8 A.H.	60	21151	100
	80	21152	100
	100	21153	100
Max. RPM's 26,000	120	21154	100
	180	21156	100
Max. RPM's 26,000	240	21157	100
	50	21158Z9	100
1/4 x 1 1/8 A.H.	60	21159	100
	80	21160	100
	100	21161	100
Max. RPM's 26,000	120	21162	100
	150	21163	100
	180	21164	100
	240	21165	100
Max. RPM's 26,000	320	21166	100
	60	21167	100
1/4 x 1-1/2 1/8 A.H.	80	21168	100
	100	21169	100
	120	21170	100
Max. RPM's 26,000	150	21171	100
	180	21172	100
	240	21173	100
	320	21174	100
5/16 x 1 1/8 A.H.	60	21211	100
	80	21212	100
	100	21213	100
Max. RPM's 26,000	120	21214	100
	180	21216	100
	240	21217	100
	320	21218	100
5/16 x 1-1/2 1/8 A.H.	80	21224	100
	100	21225	100
	120	21226	100
Max. RPM's 26,000	180	21228	100
	240	21229	100
3/8 x 1 1/8 A.H.	50	21270	100
	60	21271	100
	80	21272	100
Max. RPM's 26,000	100	21273	100
	120	21274	100
	150	21275	100
	180	21276	100
	240	21277	100
Max. RPM's 26,000	320	21278	100
	50	21282	100
3/8 x 1-1/2 1/8 A.H.	60	21283	100
	80	21284	100
	100	21285	100
Max. RPM's 26,000	120	21286	100
	180	21288	100
	240	21289	100
	320	21290	100
3/8 x 2 1/8 A.H.	60	21295	100
	80	21296	100
	100	21297	100
Max. RPM's 26,000	120	21298	100
	180	21300	100

Size - Dia./Length (in)	Grit	Item No.	Std. Pkg.
1/2 x 3/4 1/8 A.H.	60	21319	100
	80	21320	100
	100	21321	100
Max. RPM's 26,000	120	21322	100
	180	21324	100
	240	21325	100
1/2 x 1 1/8 A.H.	40	21329	100
	50	21330	100
	60	21331	100
Max. RPM's 26,000	80	21332	100
	100	21333	100
	120	21334	100
	180	21336	100
Max. RPM's 26,000	240	21337	100
	320	21338	100
	36	21340	100
	40	21341	100
Max. RPM's 26,000	50	21342	100
	60	21343	100
	80	21344	100
Max. RPM's 26,000	100	21345	100
	120	21346	100
	150	21347	100
	180	21348	100
Max. RPM's 26,000	220	21348GR	100
	240	21349	100
	320	21350	100
	50	21354	100
1/2 x 2 1/8 A.H.	60	21355	100
	80	21356	100
	100	21357	100
Max. RPM's 26,000	120	21358	100
	180	21360	100
	240	21361	100
	50	21438	100
5/8 x 1 3/16 A.H.	60	21439	100
	80	21440	100
	100	21441	100
Max. RPM's 18,000	120	21442	100
	180	21444	100
	240	21445	100
	50	21450	100
5/8 x 1-1/2 3/16 A.H.	60	21451	100
	80	21452	100
	100	21453	100
Max. RPM's 18,000	120	21454	100
	180	21456	100
	240	21457	100
	50	21462	100
5/8 x 2 3/16 A.H.	60	21463	100
	80	21464	100
	100	21465	100
Max. RPM's 18,000	120	21466	100
	180	21468	100
	240	21469	100
	50	21522	100
3/4 x 1 3/16 A.H.	60	21523	100
	80	21524	100
	100	21525	100
Max. RPM's 18,000	120	21526	100
	180	21528	100
	240	21529	100
	50	21534	100
3/4 x 1-1/2 3/16 A.H.	60	21535	100
	80	21536	100
	100	21537	100
Max. RPM's 18,000	120	21538	100
	180	21540	100
	240	21541	100

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Abrasives

Arc Abrasives

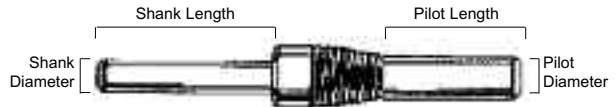
Straight Cartridge Rolls (continued)

Size - Dia./Length (in)	Grit	Item No.	Std. Pkg.
3/4 x 2 3/16 A.H.	50	21546	100
	60	21547	100
	80	21548	100
Max. RPM's 118,000	100	21549	100
	120	21550	100
	180	21552	100
	240	21553	100
3/4 x 1-1/2 1/4 A.H.	50	21618	100
	60	21619	100
	80	21620	100
Max. RPM's 18,000	120	21622	100
	180	21624	100
	1 x 1 1/4 A.H.	50	21678
Max. RPM's 15,000	60	21679	100
	80	21680	100
	100	21681	100
120	120	21682	100
	180	21684	100
	240	21685	100

Size - Dia./Length (in)	Grit	Item No.	Std. Pkg.
1 x 1-1/2 3/16 A.H.	60	21787	100
	80	21788	100
	120	21790	100
Max. RPM's 15,000	180	21792	100
	36	21796	100
	50	21798	100
1 x 1-1/2 1/4 A.H.	60	21799	100
	80	21800	100
	100	21801	100
Max. RPM's 15,000	120	21802	100
	180	21804	100
	240	21805	100
1 x 2 1/4 A.H.	50	21918	100
	60	21919	100
	80	21920	100
Max. RPM's 15,000	100	21921	100
	120	21922	100
	180	21924	100
240	21925	100	

Cartridge Roll Mandrels

From 1/2" - 1" diameter



Drawings are not actual size & are to be use for reference purposes only.

How to Order Cartridge Roll Materials

- Choose a mandrel with a shank diameter to fit your power tool collet or chuck.
- Check the diameter of the mandrel pilot on which the cartridge roll or spiral is mounted.
- A 1/8" diameter pilot is used for cartridge rolls up to and including 1/2" in diameter.
- For safe operation, use 3/16" or 1/4" diameter pilots for cartridge rolls.

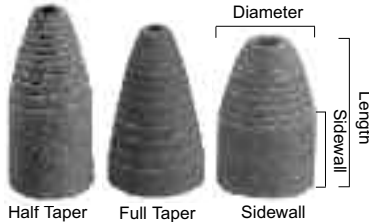
Cartridge Roll Lengths (in)	Use Pilot Length (in)
3/4	1/2
1	3/4
1-1/2	1
2	1-1/2

Full Taper Cartridge Rolls

Half Taper & Sidewall Taper Available

Aluminum Oxide Resin Bond
Silicon Carbide, Zirconia Alumina
- Glue Bond available upon request

- Ideal for finishing operations
- Irregular concaves, contours, dead-end holes, channels
- Deburring, blending tool mark removal
- Flash removal



3/8 x 1 1/8 A.H.	60	23105	100
	80	23106	100
Max. RPM's 26,000	120	23108	100
	180	23110	100
1/2 x 1 1/8 A.H.	60	23141	100
	80	23142	100
Max. RPM's 26,000	120	23144	100
	1800	23146	100
5/8 x 1 1/8 A.H.	60	23177	100
	80	23178	100
Max. RPM's 18,000	120	23180	100
	180	23182	100
3/4 x 1 1/8 A.H.	60	23213	100
	80	23214	100
Max. RPM's 18,000	120	23216	100
	180	23218	100
3/8 x 1-1/2 1/8 A.H.	60	23285	100
	80	23286	100
Max. RPM's 26,000	120	23288	100
	180	23290	100
1/2 x 1-1/2 1/8 A.H.	60	23321	100
	80	23322	100
	100	23323	100
	120	23324	100
Max. RPM's 26,000	180	23326	100
	240	23327	100
	320	23328	100
5/8 x 1-1/2 1/8 A.H.	60	23357	100
	80	23358	100
Max. RPM's 18,000	120	23360	100
	180	23362	100
3/4 x 1-1/2 1/8 A.H.	60	23393	100
	80	23394	100
Max. RPM's 18,000	120	23396	100
	180	23398	100

3/4 x 1-1/2 3/16 A.H.	60	23405	100
	80	23406	100
Max. RPM's 18,000	120	23408	100
	180	23410	100
1/2 x 2 1/8 A.H.	60	23465	100
	80	23466	100
Max. RPM's 26,000	120	23468	100
	3/4 x 2 1/8 A.H.	60	23537
Max. RPM's 18,000	80	23538	100
	120	23540	100
180	180	23542	100
	3/4 x 2 3/16 A.H.	60	23549
80		23550	100
Max. RPM's 18,000	120	23552	100
	1 x 1 3/16 A.H.	60	23585
Max. RPM's 18,000	80	23586	100
	120	23588	100
180	180	23590	100
	1 x 1-1/2 1/8 A.H.	60	23609
80		23610	100
Max. RPM's 18,000	120	23612	100
	180	23614	100
1 x 1-1/2 3/16 A.H.	60	23621	100
	80	23622	100
Max. RPM's 18,000	120	23624	100
	180	23626	100
1 x 1-1/2 1/4 A.H.	60	23633	100
	80	23634	100
Max. RPM's 18,000	120	23636	100
	1 x 2 3/16 A.H.	60	23657
80		23658	100
Max. RPM's 18,000	120	23660	100
	180	23662	100

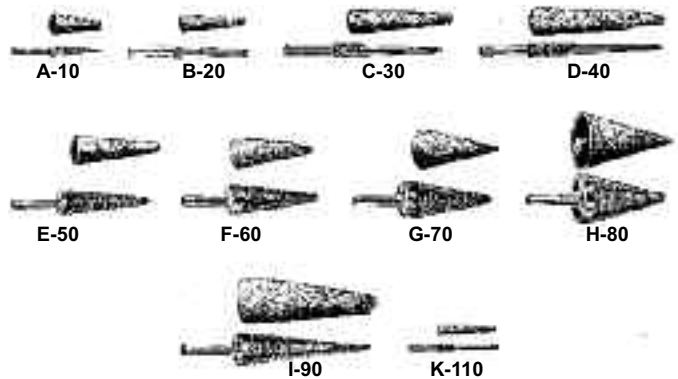
Cone Points

Aluminum Oxide Resin Bond

Silicon Carbide, Zirconia Alumina, Glue Bond available upon request

Features & Benefits

- Excellent for deburring holes & finishing those hard to reach areas
- Especially effective for close tolerance work
- All mandrels have 1/4" diameter shank, except K-110 which has 1/8" shank



A10 5/16 x 1 x 15°	60	24202	100
	80	24203	100
	120	24205	100
B20 5/16 x 1-1/2 x 5°	60	24210	100
	80	24211	100
	120	24213	100
C30 3/8 x 2 x 5°	36	24218	100
	60	24221	100
	80	24222	100
	120	24224	100
D40 7/16 x 2-1/2 x 5°	60	24232	100
	80	24233	100
	120	24235	100
E50 1/2 x 1-1/2 x 15°	60	24243	100
	80	24244	100
	120	24246	100

F60 5/8 x 1-1/2 x 18°	60	24254	100
	80	24255	100
	120	24257	100
G70 3/4 x 1-1/2 x 22°	60	24265	100
	80	24266	100
	120	24268	100
H80 1 x 1-1/2 x 30°	60	24276	100
	80	24277	100
	120	24279	100
I90 3/4 x 2-1/2 x 9°	60	24287	100
	80	24288	100
	120	24290	100
K110 3/16 x 1 x 2-1/2°	60	24295	100
	80	24296	100
	120	24298	100
240	24301	100	

Cone Point Mandrels

Description	Item No.	Std. Pkg.
A-10	50650	1
B-20	50651	1
C-30	50652	1
D-40	50653	1
E-50	50654	1

Description	Item No.	Std. Pkg.
F-60	50655	1
G-70	50656	1
H-80	50657	1
I-90	50658	1
K-110	50659	1

Additional sizes and grits are available upon request. Call for any size not listed.

Arc Abrasives

Square Pads

Aluminum Oxide Resin Bond

Glue Bond Available upon request

- Layered construction of material formed as a square
- Chatter-free grinding
- Intermittent strokes of pad corners improves visibility
- Corners very aggressive in the beginning until edges round
- When corners are round – good for polishing

Applications:

- Excellent for blending welds inside of pipes
- Dairy & brewery vats, and faucet manufacturers
- Removing weld on flat surfaces



1 x 1, 4 Ply	60	26390	100
8-32 Eyelet	80	26391	100
Max. RPM's 25,000	120	26393	100
1 x 1, 6 Ply	60	26401	100
8-32 Eyelet	80	26402	100
Max. RPM's 25,000	120	26404	100
1 x 1, 8 Ply	60	26412	100
8-32 Eyelet	80	26413	100
Max. RPM's 25,000	120	26415	100
1-1/2 x 1/4	60	26423	100
8-32 Eyelet	80	26424	100
Max. RPM's 23,000	120	26426	100
1-1/2 x 3/8	60	26434	100
8-32 Eyelet	80	26435	100
Max. RPM's 23,000	120	26437	100
1-1/2 x 1/2	60	26445	100
1/4-20 Eyelet	80	26446	100
Max. RPM's 23,000	100	26447	100
	120	26448	100
2 x 1/4	60	26456	100
8-32 Eyelet	80	26457	100
Max. RPM's 23,000	120	26459	100
2 x 3/8	60	26467	100
8-32 Eyelet	80	26468	100
Max. RPM's 23,000	120	26470	100
2 x 1/2	60	26478	100
1/2-20 Eyelet	80	26479	100
Max. RPM's 23,000	120	26481	100
2-1/2 x 1/4	60	26500	100
1/4-20 Eyelet	80	26501	100
Max. RPM's 18,000	120	26503	100

2-1/2 x 3/8	60	26511	100
1/4-20 Eyelet	80	26512	100
Max. RPM's 18,000	120	26514	100
2-1/2 x 1/2	60	26522	100
1/4-20 Eyelet	80	26523	100
Max. RPM's 18,000	120	26525	100
3 x 1/4	60	26533	100
1/4-20 Eyelet	80	26534	100
Max. RPM's 14,000	120	26536	100
3 x 3/8	60	26544	100
1/4-20 Eyelet	80	26545	100
Max. RPM's 14,000	120	26547	100
3 x 1/2	60	26555	100
1/4-20 Eyelet	80	26556	100
Max. RPM's 14,000	120	26558	100
3-1/2 x 1/4	60	26566	100
1/4-20 Eyelet	80	26567	100
Max. RPM's 14,000	120	26569	100
3-1/2 x 3/8	60	26577	100
1/4-20 Eyelet	80	26578	100
Max. RPM's 14,000	120	26580	100
3-1/2 x 1/2	60	26588	100
1/4-20 Eyelet	80	26589	100
Max. RPM's 14,000	120	26591	100
4 x 1/4	60	26599	100
1/4-20 Eyelet	80	26600	100
Max. RPM's 12,000	120	26602	100
4 x 3/8	60	26610	100
1/4-20 Eyelet	80	26611	100
Max. RPM's 12,000	120	26613	100
4 x 1/2	60	26621	100
1/4-20 Eyelet	80	26622	100
Max. RPM's 12,000	120	26624	100

Cross Pads

Aluminum Oxide Resin Bond

Glue Bond Available upon request

- Multi-ply abrasive pad
- Exposes new cutting surfaces as each layer wears
- Three sizes of eyelets available in center of cross pad • 3-48 • 8-32 • 1/4-20
- Eyelet allows quick on & off of cross pad

Applications:

- Deburring & cleaning the interior of a tube
- Blending small radii



Size (Dia. Width)	Grit	Item No.	Std. Pkg.
3/4 x 3/8	60	27728	100
3/48 Eyelet	80	27729	100
8 Ply	100	27730	100
Max. RPM's 25,000	120	27731	100
1 x 3/8	60	27739	100
3-48 Eyelet	80	27740	100
8-Ply	100	27741	100
Max. RPM's 25,000	120	27742	100
	180	27744	100
1-1/2 x 1/2	60	27750	100
8-32 Eyelet	80	27751	100
8-Ply	120	27753	100
Max. RPM's 23,000			
1-1/2 x 1/2	60	27761	100
8-32 Eyelet	80	27762	100
10-Ply	120	27764	100
Max. RPM's 23,000			
2 x 1/2	60	27772	100
8-32 Eyelet	80	27773	100
8-Ply	120	27775	100
Max. RPM's 23,000			
2 x 1/2	60	27783	100
8-32 Eyelet	80	27784	100
10-Ply	120	27786	100
Max. RPM's 23,000			
2 x 3/4	60	27794	100
8-32 Eyelet	80	27795	100
8-Ply	120	27797	100
Max. RPM's 23,000			
2 x 3/4	60	27805	100
8-32 Eyelet	80	27806	100
10-Ply	120	27808	100
Max. RPM's 23,000			
2 x 1	60	27816	100
1/4-20 Eyelet	80	27817	100
8-Ply	120	27819	100
Max. RPM's 23,000			
2 x 1	60	27827	100
1/4-20 Eyelet	80	27828	100
10-Ply	120	27830	100
Max. RPM's 23,000			
2-1/4 x 1/2	60	27838	100
8-32 Eyelet	80	27839	100
8-Ply	120	27841	100
Max. RPM's 23,000			
2-1/4 x 1/2	60	27849	100
8-32 Eyelet	80	27850	100
10-Ply	120	27852	100
Max. RPM's 23,000			
2-1/4 x 3/4	60	27860	100
8-32 Eyelet	80	27861	100
8-Ply	120	27863	100
Max. RPM's 23,000			
2-1/4 x 3/4	60	27871	100
8-32 Eyelet	80	27872	100
10-Ply	120	27847	100
Max. RPM's 23,000			
2-1/4 x 1	60	27882	100
1/4-20 Eyelet	80	27883	100
8-Ply	120	27885	100
Max. RPM's 23,000			
2-1/4 x 1	60	27893	100
1/4-20 Eyelet	80	27894	100
10-Ply	120	27896	100
Max. RPM's 23,000			

Size (Dia. Width)	Grit	Item No.	Std. Pkg.
2-1/2 x 3/4	60	27904	100
8-32 Eyelet	80	27905	100
8-Ply	120	27907	100
Max. RPM's 18,000			
2-1/2 x 3/4	60	27915	100
8-32 Eyelet	80	27916	100
10-Ply	120	27918	100
Max. RPM's 18,000			
2-1/2 x 1	60	27926	100
1/4-20 Eyelet	80	27927	100
8-Ply	120	27929	100
Max. RPM's 18,000			
2-1/2 x 1	60	27937	100
1/4-20 Eyelet	80	27938	100
10-Ply	120	27940	100
Max. RPM's 18,000			
2-1/2 x 1-1/2	60	27948	100
1/4-20 Eyelet	80	27949	100
8-Ply	120	27951	100
Max. RPM's 18,000			
2-1/2 x 1-1/2	60	27959	100
1/4-20 Eyelet	80	27960	100
10-Ply	120	27962	100
Max. RPM's 18,000			
3 x 1	60	27970	100
1/4-20 Eyelet	80	27971	100
8-Ply	120	27973	100
Max. RPM's 14,000			
3 x 1	60	27981	100
1/4-20 Eyelet	80	27982	100
10-Ply	120	27984	100
Max. RPM's 14,000			
3 x 1-1/2	60	27992	100
1/4-20 Eyelet	80	27993	100
8-Ply	120	27995	100
Max. RPM's 14,000			
3 x 1-1/2	60	28003	100
1/4-20 Eyelet	80	28004	100
10-Ply	120	28006	100
Max. RPM's 14,000			
3-1/2 x 1-1/2	60	28014	100
1/4-20 Eyelet	80	28015	100
8-Ply	120	28017	100
Max. RPM's 14,000			
3-1/2 x 1-1/2	60	28025	100
1/4-20 Eyelet	80	28026	100
10-Ply	120	28028	100
Max. RPM's 14,000			
3-1/2 x 2	60	28036	100
1/4-20 Eyelet	80	28037	100
8-Ply	120	28039	100
Max. RPM's 14,000			
3-1/2 x 2	60	28047	100
1/4-20 Eyelet	80	28048	100
10-Ply	120	28050	100
Max. RPM's 14,000			
4 x 1	60	28058	100
1/4-20 Eyelets	80	28059	100
8-Ply	120	28061	100
Max. RPM's 12,000			
4 x 1	60	28069	100
1/4-20 Eyelet	80	28070	100
10-Ply	120	28072	100
Max. RPM's 12,000			

Cross & Square Pad Spin-On Mandrels

Hardened Steel Mandrel with Plated Finish

- Designed to fit most power tools
- Allows for fast changeovers



3-48 TH 1/4 SH	50328	10
8-32 TH 1/4 SH	50329	10
1/4-20 TH 1/4 SH	50330	10

Additional sizes and grits are available upon request. Call for any size not listed.

- continues -

Abrasives

Arc Abrasives

Cross Pads (continued)

Size (Dia. Width)	Grit	Item No.	Std. Pkg.
4 x 1-1/2	60	28080	100
1/4-20 Eyelet	80	28081	100
8-Ply	120	28083	100
Max. RPM's 12,000			
4 x 1-1/2	60	28091	100
1/4-20 Eyelet	80	28092	100
10-Ply	120	28094	100
Max. RPM's 12,000			
4 x 2	60	28102	100
1/4-20 Eyelet	80	28103	100
8-Ply	120	28105	100
Max. RPM's 12,000			
4 x 2	60	28113	100
1/4-20 Eyelet	80	28114	100
10-Ply	120	28116	100
Max. RPM's 12,000			
4-1/2 x 1-1/2	60	28124	100
1/4-20 Eyelet	80	28125	100
8-Ply	120	28127	100
Max. RPM's 12,000			
4-1/2 x 1-1/2	60	28135	100
1/4-20 Eyelet	80	28136	100
10-Ply	120	28138	100
Max. RPM's 12,000			
4-1/2 x 2	60	28146	100
1/4-20 Eyelet	80	28147	100
8-Ply	120	28149	100
Max. RPM's 12,000			
4-1/2 x 2	60	28157	100
1/4-20 Eyelet	80	28158	100
10-Ply	120	28160	100
Max. RPM's 12,000			

Size (Dia. Width)	Grit	Item No.	Std. Pkg.
5 x 1-1/2	60	28168	100
1/4-20 Eyelet	80	28169	100
8-Ply	120	28171	100
Max. RPM's 7,500			
5 x 1-1/2	60	28179	100
1/4-20 Eyelet	80	28180	100
10-Ply	120	28182	100
Max. RPM's 7,500			
5 x 2	60	28190	100
1/4-20 Eyelet	80	28191	100
8-Ply	120	28193	100
Max. RPM's 7,500			
5 x 2	60	28201	100
1/4-20 Eyelet	80	28202	100
10-Ply	120	28204	100
Max. RPM's 7,500			
6 x 1-1/2	60	28212	100
1/4-20 Eyelet	80	28213	100
8-Ply	120	28215	100
Max. RPM's 7,500			
6 x 1-1/2	60	28223	100
1/4-20 Eyelet	80	28224	100
10-Ply	120	28226	100
Max. RPM's 7,500			
6 x 2	60	28234	100
1/4-20 Eyelet	80	28235	100
8-Ply	120	28237	100
Max. RPM's 7,500			
6 x 2	60	28245	100
1/4-20 Eyelet	80	28246	100
10-Ply	120	28248	100
Max. RPM's 7,500			

Quik-Lok Discs – Red Arc (continued)

Size/ Diameter	Grit	Item No.	Std. Pkg.
1	36	31414	100
	40	31415	100
	50	31416	100
	60	31417	100
	80	31418	100
	100	31419	100
1-1/2	120	31420	100
	180	31422	100
	240	31423	100
	36	31438	100
	40	31439	100
	50	31440	100
2	60	31441	100
	80	31442	100
	100	31443	100
	120	31444	100
	180	31446	100
	240	31447	100

Size/ Diameter	Grit	Item No.	Std. Pkg.
2	36	31450	100
	40	31451	100
	50	31452	100
	60	31453	100
	80	31454	100
	100	31455	100
3	120	31456	100
	180	31458	100
	240	31459	100
	36	31462	50
	40	31463	50
	50	31464	50
3	60	31465	50
	80	31466	50
	100	31467	50
	120	31468	50
	180	31470	50
	240	31471	50

**Quik-Lok Discs – Blue Arc
Zirconia Alumina – Type "S"**

- Great on inconel, titanium & composites
- The more pressure, the better the performance
- Jagged welds
- Great for contour areas & flat surfaces

Size/ Diameter	Grit	Item No.	Std. Pkg.
1-1/2	36	31523	100
	40	31524	100
	50	31525	100
	60	31526	100
	80	31527	100
	36	31535	100
2	40	31536	100

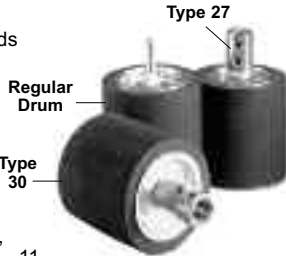
Size/ Diameter	Grit	Item No.	Std. Pkg.
3	50	31537	100
	60	31538	100
	80	31539	100
3	36	31547	50
	40	31548	50
	60	31550	50
80	31551	50	

Solid Rubber Drums

- For use with Arc Abrasive's No Lap Bands
- Balanced for maximum performance
- Made from 60 durometer live rubber for controlled expansion

Also Available:

- Type 27 Motor Shaft: available in the following arbor sizes: 1/2, 5/8, 3/4
- Type 30 Motor Shaft: available in the following thread sizes: 3/8 - 16, 3/8 - 24, 7/16 - 14, 1/2 - 13, 1/2 - 20, 1/2 - 24, 5/8 - 11



Dia./Width/Shank	Item No.	Std. Pkg.	Max. RPM's
1/4 x 1/2 x 1/8	50503	1	30,000
3/8 x 1/2 x 1/8	50504	1	30,000
3/8 x 1 x 1/8	50505	1	18,000
1/2 x 1/2 x 1/8	50506	1	30,000
1/2 x 1/2 x 1/4	50507	1	30,000
1/2 x 1 x 1/4	50510	1	15,000
1/2 x 1-1/2 x 1/4	50511	1	10,000
1/2 x 2 x 1/4	50512	1	12,000
3/4 x 1/2 x 1/4	50521	1	14,000
3/4 x 3/4 x 1/4	50523	1	24,000
3/4 x 1 x 1/4	50524	1	19,000
3/4 x 1-1/2 x 1/4	50525	1	10,000
3/4 x 2 x 1/4	50526	1	9,000
1 x 1 x 1/4	50533	1	18,000
1 x 1-1/2 x 1/4	50534	1	10,000

Dia./Width/Shank	Item No.	Std. Pkg.	Max. RPM's
1 x 2 x 1/4	50535	1	8,000
1-1/4 x 1 x 1/4	50537	1	14,000
1-1/2 x 1/2 x 1/4	50540	1	16,000
1-1/2 x 3/4 x 1/4	50541	1	15,000
1-1/2 x 1 x 1/4	50542	1	14,000
1-1/2 x 1-1/2 x 1/4	50543	1	10,000
1-1/2 x 2 x 1/4	50544	1	7,000
2 x 1 x 1/4	50547	1	11,000
2 x 1-1/2 x 1/4	50548	1	8,000
2 x 2 x 1/4	50549	1	6,000
3 x 1 x 1/4	50549Z9	1	7,000
3 x 1 x 3/8	50550	1	7,000
3 x 2 x 3/8	50552	1	4,000
3 x 3 x 1/4	50553	1	3,000
3 x 3 x 3/8	50554	1	3,000

**Quik-Lok Discs
Zirconia Plus – Type "S"**

- Great on inconel, titanium & composites
- The more pressure, the better the performance
- Great for contour areas & flat surfaces



Size/ Diameter	Grit	Item No.	Std. Pkg.
1-1/2	36	319022	100
	40	319023	100
	50	319024	100
	60	319025	100
	80	319026	100
	36	319032	100
2	40	319033	100
	50	319034	100

Size/ Diameter	Grit	Item No.	Std. Pkg.
3	60	319035	100
	80	319036	100
	36	319042	50
3	40	319043	50
	50	319044	50
	60	319045	50
80	319046	50	

Quik-Lok Kits

Size/ Diameter	Item No.	Std. Pkg.
Red Arc Type "S"	31400	1
Blue Arc Type "S"	31500	1

**Quik-Lok Disc Holders
Type "S"**

Size/ (Dia./Shank)	Grade	Item No.	Std. Pkg.	Max. RPM's
3/4 x 1/4	Med	50250	1	40,000
1 x 1/4	Med	50251	1	40,000
1-1/2 x 1/4	Med	50252	1	25,000
1-1/2 x 1/4	Soft	50252SF	1	25,000
2 x 1/4	Med	50253	1	25,000
2 x 1/4	Firm	50253FM	1	25,000

Size/ (Dia./Shank)	Grade	Item No.	Std. Pkg.	Max. RPM's
2 x 1/4	Soft	50253SF	1	25,000
3 x 1/4	Med	50254	1	20,000
3 x 1/4	Firm	50254FM	1	20,000
3 x 1/4	Soft	50254SF	1	20,000

**Quik-Lok Discs – Red Arc
Aluminum Oxide – Type "S"**

- Ideal for blending flat surface blemishes
- Great for contours & deburring
- Ferrous metals
- Aircraft, appliances, metal fabricators & food equipment manufacturers



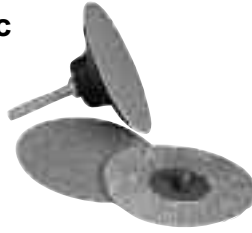
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Arc Abrasives

Quick-Lok Discs – Red Arc

Aluminum Oxide – Type “R”

- Ideal for blending, flat surfaces (blemishes)
- Great for contours & deburring
- Ferrous metals
- Aircraft, appliances, metal fabricators and food equipment manufacturers



1	36	31614	100
	50	31616	100
	60	31617	100
	80	31618	100
1-1/2	36	31638	100
	50	31640	100
	60	31641	100
	80	31642	100
2	36	31650	100
	40	31651	100
	50	31652	100
	60	31653	100

3	80	31654	100
	100	31655	100
	120	31656	100
	180	31658	100
3	240	31659	100
	36	31662	50
	40	31663	50
	50	31664	50
3	60	31665	50
	80	31666	50
	100	31667	50
	120	31668	50
3	180	31670	50
	240	31671	50

Quick-Lok Discs-Red Arc

Aluminum Oxide-Type “P”

- Ideal for blending, flat surfaces (blemishes)
- Great for contours and deburring
- Ferrous metals
- Aircraft, appliances, metal fabricators and food equipment manufacturers



1	36	31214	100
	40	31215	100
	50	31216	100
	60	31217	100
1-1/2	80	31218	100
	100	31219	100
	120	31220	100
	36	31226	100
1-1/2	40	31227	100
	50	31228	100
	60	31229	100
	80	31230	100
2	100	31231	100
	120	31232	100
	36	31238	100

3	40	31239	100
	50	31240	100
	60	31241	100
	80	31242	100
3	100	31243	100
	120	31244	100
	180	31246	100
	240	31247	100
3	36	31250	50
	40	31251	50
	50	31252	50
	60	31253	50
3	80	31254	50
	100	31255	50
	120	31256	50

Quick-Lok Discs – Blue Arc

Zirconia Alumina – Type “R”

- Great on inconel, titanium & composites
- The more pressure, the better the performance
- Jagged welds
- Great for contour areas & flat surfaces

Size/ Diameter	Grit	Item No.	Std. Pkg.
2	36	31718	100
	40	31719	100
	50	31720	100
	60	31721	100
2	80	31722	100

Size/ Diameter	Grit	Item No.	Std. Pkg.
3	36	31726	50
	50	31728	50
	60	31729	50
	80	31730	50

Quick-Lok Discs

Zirconia Plus – Type “R”

- Great on inconel, titanium & composites
- The more pressure, the better the performance
- Great for contour areas & flat surfaces



Size/ Diameter	Grit	Item No.	Std. Pkg.
1-1/2	36	319122	100
	40	319123	100
	50	319124	100
	60	319125	100
1-1/2	80	319126	100
	2	36	319132
40		319133	100
50		319134	100

Size/ Diameter	Grit	Item No.	Std. Pkg.
3	60	319135	100
	80	319136	100
	36	319142	50
3	40	319143	50
	50	319144	50
3	60	319145	50
	80	319146	50

Quick-Lok Kits

Red Arc Type “R”	31600	1
Blue Arc Type “R”	31700	1

Quick-Lok Disc Holders Type “R”

1 x 1/4	Med	50257	1	40,000
1-1/2 x 1/4	Med	50258	1	25,000
1-1/2 x 1/4	Soft	50258SF	1	25,000
2 x 1/4	Med	50259	1	25,000
2 x 1/4	Firm	50259FM	1	25,000

2 x 1/4	Soft	50259SF	1	25,000
3 x 1/4	Med	50260	1	20,000
3 x 1/4	Firm	50260FM	1	20,000
3 x 1/4	Soft	50260SF	1	20,000

Quick-Lok Kits

Red Arc Type “P”	31200	1
Blue Arc Type “P”	31300	1

Quick-Lok Disc Holders Type “P”

3/4 x 1/4	Med.	50263	1	40,000
1 x 1/4	Med.	50264	1	40,000
1-1/2 x 1/4	Med.	50265	1	25,000
2 x 1/4	Med.	50266	1	25,000
2 x 1/4	Firm	50266FM	1	25,000

2 x 1/4	Soft	50266SF	1	25,000
3 x 1/4	Med.	50267	1	20,000
3 x 1/4	Firm	50267FM	1	20,000
3 x 1/4	Soft	50267SF	1	20,000

Resin Fibre Discs

Premium Aluminum Oxide-Type “A”

Applications:

- High production on blending welds, i.e. door frame and utility box manufacturing
- Fiberglass, plastics, and ferrous metals
- High performance for an aluminum oxide disc



4 x 5/8	16	37101	25
	24	37102	25
	36	37103	25
	50	37104	25
	60	37105	25
	80	37106	25
4-1/2 x 7/8	100	37107	25
	120	37108	25
	16	37109	25
	24	37110	25
	36	37111	25
	50	37112	25
5 x 7/8	60	37113	25
	80	37114	25
	100	37115	25
	120	37116	25
	16	37117	25
	24	37118	25
5 x 7/8	36	37119	25
	50	37120	25

6 x 7/8	60	37121	25
	80	37122	25
	100	37123	25
	120	37124	25
7 x 7/8	16	37125	25
	24	37126	25
	36	37127	25
	50	37128	25
7 x 7/8	60	37129	25
	80	37130	25
	100	37131	25
	120	37132	25
9-1/8 x 7/8	16	37133	25
	24	37134	25
	36	37135	25
	50	37136	25
9-1/8 x 7/8	60	37137	25
	80	37138	25
	100	37139	25
	120	37140	25

Additional sizes and grits are available upon request. Call for any size not listed.

Abrasives

Arc Abrasives

Resin Fibre Discs-Standard
Aluminum Oxide-Type C

Applications:

- Flat surface grinding on ferrous metals
- For removing and blending welds

4 x 5/8	16	36901	25
	24	36902	25
	36	36903	25
	50	36904	25
	60	36905	25
	80	36906	25
4-1/2 x 7/8	16	36909	25
	24	36910	25
	36	36911	25
	50	36912	25
	60	36913	25
	80	36914	25
5 x 7/8	16	36917	25
	24	36918	25
	36	36919	25
	50	36920	25

7 x 7/8	60	36921	25
	80	36922	25
	100	36923	25
	120	36924	25
9-1/8 x 7/8	16	36925	25
	24	36926	25
	36	36927	25
	50	36928	25
	60	36929	25
	80	36930	25
100	100	36931	25
	120	36932	25
	16	36933	25
	24	36934	25
120	36	36935	25
	50	36936	25
	60	36937	25
	80	36938	25
100	100	36939	25
	120	36940	25

Trim-Kut Grinding Discs
Aluminum Oxide

Applications:

- Cleaning light imperfections
- Blending light welds
- Edge grinding



3 Coarse	36	31801	25
Medium	60	31802	25
Fine	120	31803	25
Max RPM's 28,000			

Trim-Kut Test Kit

31805	1
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Trim-Kut Mandrel

31804	1
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Resin Fibre Discs
Zirconia Alumina (Blue)

Applications:

- High performance on blending welds i.e. door frame and utility box manufacturers
- Works extremely well on stainless steel
- Aggressively attacks the more exotic metals (inconel, stainless, titanium and tool steel)

4-1/2 x 7/8	24	37202	25
	36	37203	25
	50	37204	25
	60	37205	25
5 x 7/8	24	37208	25
	36	37209	25
	50	37210	25
	60	37211	25
80	80	37212	25

7 x 7/8	24	37214	25
	36	37215	25
	50	37216	25
	60	37217	25
80	80	37218	25
	24	37220	25
	36	37221	25
	50	37222	25
60	60	37223	25
	80	37224	25

Arc Rounder Disc Cutter

Disc Cutter	50601	1
Upper Blade	50602	1
Lower Blade	50603	1

Handy Rolls

Aluminum Oxide Cloth

Applications:

- Multi-purpose maintenance and machine shop use
- Deburrs, cleans and polishes metal surfaces
- Great for hand polishing both flat and contour surfaces



Spiralcool Backing Pad/Accessories

Description Diameter	Item No.	Std. Pkg.	Max. RPM's
H400 Rigid/Smooth	50401	1	12,000
<i>Pads for 4-1/2" discs are available upon request. (The tool make, model, & thread size is required)</i>			
F500 5 Flexible	50403	1	10,000
R500 5 Medium	50404	1	10,000
H500 5 Rigid	50405	1	10,000
F700 7 Flexible	50409	1	7,000
R700 7 Medium	50410	1	8,500
H700 7 Rigid	50411	1	8,500
F900 9 Flexible	50414	1	6,500



Description Diameter	Item No.	Std. Pkg.	Max. RPM's
R900 9 Medium	50415	1	6,500
H900 9 Rigid	50416	1	6,500
102 5/8-11 Center Nut	50418	1	
103 Center Nut Spanner Wrench for 102 Center Nut	50419	1	

Size - Width (in) Length (yds)	Grit	Item No.	Std. Pkg.	
1 x 50 yds.	36X	73131	1	
	40X	73132	1	
	50X	73133	1	
	60J	73134	1	
	80J	73135	1	
	100J	73136	1	
	120J	73137	1	
	150J	73138	1	
	180J	73139	1	
	220J	73140	1	
	240J	73141	1	
	280J	73142	1	
	320J	73143	1	
	400J	73144	1	
	500J	73145	1	
	Crocus	73193	1	
	1-1/2 x 50 yds.	36X	73146	1
		40X	73147	1
50X		73148	1	
60J		73149	1	
80J		73150	1	
100J		73151	1	
120J		73152	1	
150J		73153	1	

Size - Width (in) Length (yds)	Grit	Item No.	Std. Pkg.	
1 x 50 yds.	180J	73154	1	
	220J	73155	1	
	240J	73156	1	
	280J	73157	1	
	320J	73158	1	
	400J	73159	1	
	500J	73160	1	
	Crocus	73194	1	
	2 x 50 yds.	36X	73161	1
		40X	73162	1
50X		73163	1	
60J		73164	1	
80J		73165	1	
100J		73166	1	
120J		73167	1	
150J		73168	1	
180J		73169	1	
220J		73170	1	
240J	73171	1		
280J	73172	1		
320J	73173	1		
400J	73174	1		
500J	73175	1		
Crocus	73195	1		

Additional sizes and grits are available upon request. Call for any size not listed.

23
Abrasives

Arc Abrasives

Utility Cloth Rolls

J-Weight Aluminum Oxide
Grit Range: 60–500 grit

Applications:

- Multi-purpose maintenance, machine shops and production uses
- Deburrs, cleans and polishes metal surfaces
- Great for hand polishing both flat and contour surfaces



Size	Width (in)	Length (yds)	Grit	Item No.	Std. Pkg.
2-1/2 x 50 yds.	60	74905	2		
	80	74906	2		
	120	74908	2		
	180	74910	2		
	240	74912	2		
3 x 50 yds.	60	74985	2		
	80	74986	2		
	120	74988	2		
	180	74990	2		
	240	74992	2		

Size	Width (in)	Length (yds)	Grit	Item No.	Std. Pkg.
4 x 50 yds.	60	75185	2		
	80	75186	2		
	120	75188	2		
	180	75190	2		
	240	75192	2		
6 x 50 yds.	60	75315	2		
	80	75316	2		
	120	75318	2		
	180	75320	2		
	240	75322	2		

Industrial Shop Rolls

Applications:

- Multi-purpose maintenance and machine shop use
- Deburrs, cleans and polishes metal surfaces
- Great for hand polishing both flat and contour surfaces



Size	Width/Length	Grit	Item No.	Std. Pkg.
1 x 50	80	0610006	1	
	100	0610007	1	
	120	0610008	1	
	150	0610009	1	
	180	0610010	1	
	220	0610011	1	
	240	0610012	1	
	320	0610014	1	
	400	0610015	1	
	1-1/2 x 50	80	0615006	1
100		0615007	1	
120		0615008	1	
150		0615009	1	
180		0615010	1	

Size	Width/Length	Grit	Item No.	Std. Pkg.
2 x 50	220	0615011	1	
	240	0615012	1	
	320	0615014	1	
	400	0615015	1	
	80	0620006	1	
	100	0620007	1	
	120	0620008	1	
	150	0620009	1	
	180	0620010	1	
	220	0620011	1	
2 x 50	240	0620012	1	
	320	0620014	1	
	400	0620015	1	

Production Cloth Rolls—X-Weight

Aluminum Oxide

Grit Range: 24–400 grit

Applications:

- Paper mills
- Production use
- Multi-purpose applications
- Metals, fiberglass and wood



Size	Width (in)	Length (yds)	Grit	Item No.	Std. Pkg.
3 x 50 yds.	80	73483	2		
	120	73485	2		
	240	73489	2		
6 x 50 yds.	60	73527	2		
	80	73528	2		
	120	73530	2		

Size	Width (in)	Length (yds)	Grit	Item No.	Std. Pkg.
12 x 50 yds.	60	73572	1		
	80	73573	1		
12 x 50 yds.	120	73575	1		
	240	73578	1		
12 x 50 yds.	240	73534	2		

Production Cloth Rolls-J-Flex

Aluminum Oxide

Grit Range: 60–500 grit

Applications:

- Production use
- Multi-purpose applications
- Metals, fiberglass and wood



– continues –

Additional sizes and grits are available upon request. Call for any size not listed.

Production Cloth Rolls-J-Flex (continued)

Size	Width (in)	Length (yds)	Grit	Item No.	Std. Pkg.
3 x 50 yds.	60	07805	2		
	80	07806	2		
	120	07808	2		
	240	07812	2		
6 x 50 yds.	60	08135	2		
	80	08136	2		

Size	Width (in)	Length (ft)	Grit	Item No.	Std. Pkg.
12 x 50 yds.	120	08138	2		
	240	08142	2		
12 x 50 yds.	60	08235	1		
	80	08236	1		
	120	08238	1		
	240	08242	1		

Plumber's Rolls

Aluminum Oxide Cloth

Applications:

- Excellent for cleaning and preparing pipe ends
- Deburrs, cleans and polishes metal surfaces



Size	Width (ft)	Length (ft)	Grit	Item No.	Std. Pkg.
1-1/2 x 10 yds.	120	73645	1		
1-1/2 x 25 yds.	120	73646	1		

Crankshaft Rolls

Silicon Carbide Waterproof - C Wt.

Applications:

- Engine remanufacturing
- Crankshaft polishing and smoothing

Size	Width (in)	Length (ft)	Grit	Item No.	Std. Pkg.
3 x 75 ft.	180	35501	1		
	240	35503	1		
	320	35505	1		
	400	35506	1		
	600	35508	1		
	800/2400	35508Z11	1		
	1000/3000	35508Z12	1		
	1200/4000	35508Z13	1		

Size	Width (in)	Length (ft)	Grit	Item No.	Std. Pkg.
3-7/16 x 75 ft.	180	35509	1		
	240	35511	1		
	320	35513	1		
	400	35514	1		
	600	35516	1		
	800/2400	35516Z11	1		
	1000/3000	35516Z12	1		
	1200/4000	35516Z13	1		

Aluminum Oxide Cloth Sheets - 9 x 11

Grit Range: 36–500 grit

Applications:

- Hand operation
- Use on ferrous and non-ferrous metals
- Wood and fiberglass



Size	Width (in)	Length (ft)	Grit	Item No.	Std. Pkg.
9 x 11	36X	74101	25		
	40X	74102	25		
	50X	74103	50		
	60J	74104	50		
	80J	74105	50		
	100J	74106	50		
	120J	74107	50		
	150J	74108	50		

Size	Width (in)	Length (ft)	Grit	Item No.	Std. Pkg.
9 x 11	180J	74109	50		
	220J	74110	50		
	240J	74111	50		
	280J	74112	50		
	320J	74113	50		
	400J	74114	50		
	500J	74115	50		
	Crocus	74116	50		

Cut Cloth Sheets

Aluminum Oxide

Cut to fit hand, orbital & palm sanding requirements

Grit Range: 36–500 grit

Applications:

- Ideal for hand, orbital and palm sanders
- Use on ferrous and nonferrous metals
- Wood, fiberglass and plastics

Size	Width/Length	Grit	Item No.	Std. Pkg.
3-2/3 x 9	80	73694	500	
	120	73696	500	
	180	73698	500	
4-1/2 x 5-1/2	80	73730	500	
	120	73732	500	

Size	Width/Length	Grit	Item No.	Std. Pkg.
4-1/2 x 11	180	73732Z10	500	
	80	73765	500	
	120	73765Z08	500	
4-1/2 x 11	180	73765Z10	500	

Abrasives

Arc Abrasives

Emery Cloth Sheets - 9 x 11

Coarse: 60 grit, Medium: 80 grit, Fine: 120 grit

Applications:

- Hand operation
- Cleaning and polishing metal surfaces
- Wood surfaces

9 x 11	Fine	74117	50
	Medium	74118	50
	Coarse	74119	50

Aluminum Oxide Cabinet Paper Sheets - 9 x 11

Grit Range: 40–150 grit

Applications:

- Cabinet shops
- More aggressive sanding
- C-weight is medium flexibility - some contours
- D-weight is low flexibility - mostly for flat sanding



Size Width/Length	Grit	Item No.	Std. Pkg.
9 x 11	40D	74191	50
	50D	74192	50
	60D	74193	50
	80D	74194	50

Size Width/Length	Grit	Item No.	Std. Pkg.
	100C	74195	100
	120C	74196	100
	150C	74197	100

Aluminum Oxide Finishing Paper Sheets - 9 x 11

Grit Range: 80–320 grit

Applications:

- Fiberglass, cabinet shops and wood industry
- More finishing applications
- Ideal for contours and folding the sheet

Size Width/Length	Grit	Item No.	Std. Pkg.
9 x 11	80A	74194AW	100
	100A	74195AW	100
	120A	74196AW	100
	150A	74198	100
	180A	74199	100

Size Width/Length	Grit	Item No.	Std. Pkg.
	220A	74200	100
	240A	74201	100
	280A	74201GR	100
	320A	74202	100

Aluminum Oxide Cabinet/Finishing Cut Paper Sheets

Grit Range: 36–240 Grit

Applications:

- Ideal for hand, orbital and palm sanders
- Fiberglass, cabinet shops and wood industry
- A-weight is for finishing and highly contoured areas
- C- and D-weight is for some contours but mainly flat surfaces

3-2/3 x 9	60D	73708	500
	80D	73709	500
	120C	73709Z2	500
	180A	73709Z5	500
4-1/2 x 5-1/2	60D	73733	500
	80D	73734	500

	120C	73736	500
	180A	73750Z1	500
4-1/2 x 11	60D	73751	500
	80D	73752	500
	120C	73754	500
	180A	73755Z10	500

Garnet Cabinet Paper Sheets - 9 x 11

Grit Range: 40–150 Grit

Applications:

- More aggressive applications
- Fiberglass, cabinet shops and wood industry
- Ideal for flat sanding versus contour sanding



9 x 11	40D	74209	50
	50D	74210	50
	60D	74211	50
	80D	74212	50

	100C	74214	100
	120C	74216	100
	150C	74218	100

Garnet Finishing Paper Sheets - 9 x 11

Grit Range: 80–240 grit

Applications:

- Fiberglass, cabinet shops and wood industry
- Used most for finishing applications
- Ideal for contours and flexible areas

9 x 11	80A	74213	100
	100A	74215	100
	120A	74217	100
	150A	74219	100

	180A	74220	100
	220A	74221	100
	240A	74222	100

Cut Paper Sheets Garnet Cabinet/Finishing

Grit Range: 40–240 grit

Applications:

- Great for hand sanding needs

Size Width/Length	Grit	Item No.	Std. Pkg.
3-2/3 x 9	60D	73702	500
	80D	73703	500
	120C	73705Z08	500
	220A	73706Z11	500
4-1/2 x 5-1/2	60D	73737	500
	80D	73737Z1	500

	120C	73738Z1	500
	220A	73738Z11	500
4-1/2 x 11	60D	73769	500
	80D	73770	500
	120C	73772CW	500
	220A	73772Z11	500

Flint Paper Sheets - 9 x 10

Applications:

- Fiberglass, cabinet shops and wood industry
- Used most for finishing applications
- Ideal for contours and flexible areas

Size Width/Length	Grit	Item No.	Std. Pkg.
9 x 10	Coarse	74230	50
	Medium	74231	50
	Fine	74232	100

Silicon Carbide Waterproof Paper Sheets - 9 x 11

Grit Range: 60–600 grit

Applications:

- 60 to 80 grit in C-weight - use for more aggressive applications
- 100 and finer grit - use for finishing applications
- Lacquer, wood and fiberglass finishing



Size Width/Length	Grit	Item No.	Std. Pkg.
9 x 11	60C	74121	50
	80C	74122	50
	100C	74123	50
	120C	74124	50
	150C	74125	50
	180C	74126	50
	220A	74128	50

Size Width/Length	Grit	Item No.	Std. Pkg.
	240A	74129	50
	280A	74130	50
	320A	74131	50
	400A	74133	50
	500A	74134	50
	600A	74135	50

Additional sizes and grits are available upon request. Call for any size not listed.

Arc Abrasives

Cut Sheets Silicon Carbide Waterproof

Grit Range: 60C-180C, 220A-600A, 800C-1200C

Applications:

- Ideal for hand, orbital and palm sanders
- 60 to 80 grit in C weight-use for more aggressive applications
- 100 and finer grit-use for finishing applications
- Lacquer, wood and fiberglass finishing

Size Width/Length	Grit	Item No.	Std. Pkg.	Size Width/Length	Grit	Item No.	Std. Pkg.	
3-2/3 x 9	240A	73710Z4	500			400A	73710Z6	
	320A	73710Z5	500			600A	73710Z8	500

Paper Sheets Aluminum Oxide Stearate - 9 x 11

Grit Range: 60-600 grit

Applications:

- Used most for finishing applications
- Contour surfaces, wood, metal and fiberglass
- Body work and painting

Size Width/Length	Grit	Item No.	Std. Pkg.	Size Width/Length	Grit	Item No.	Std. Pkg.	
9 x 11	100A	74173	100			220A	74177	
	120A	74174	100			280A	74179	100
	150A	74175	100			320A	74180	100
	180A	74176	100					

Cut Paper Sheets Aluminum Oxide Stearate

Grit Range: 80-400 grit

Applications:

- Ideal for hand, orbital and palm sanders
- Used most for finishing applications
- Contour surfaces, wood, metal and fiberglass
- Body work and painting

Size Width/Length	Grit	Item No.	Std. Pkg.	Size Width/Length	Grit	Item No.	Std. Pkg.
3-2/3 x 9	80A	73711AW	500	4-1/2 x 5-1/2	80A	73744	500
	120A	73712AO	500		120A	73746	500
	220A	73713	500		220A	73748	500

Paper Sheets Silicon Carbide Stearate - 9 x 11

Grit Range: 80-400 grit

Applications:

- Finishing applications
- Contour surfaces, wood, metal and fiberglass
- Body work and painting

Size Width/Length	Grit	Item No.	Std. Pkg.	Size Width/Length	Grit	Item No.	Std. Pkg.	
9 x 11	100A	74150AW	100			220A	74156	
	120A	74151AW	100			280A	74158	100
	150A	74153	100			320A	74159	100
	180A	74155	100					

Cut Paper Sheets Silicon Carbide Stearate

Grit Range: 80-400 grit

Applications:

- Ideal for hand, orbital and palm sanders
- Used most for finishing applications
- Contour surfaces, wood, metal and fiberglass
- Body work and painting

Size Width/Length	Grit	Item No.	Std. Pkg.	Size Width/Length	Grit	Item No.	Std. Pkg.
3-2/3 x 9	80A	73711SC	500	4-1/2 x 5-1/2	80A	73744SC	500
	120A	73712SC	500		120A	73746SC	500
	220A	73713SC	500		220A	73748SC	500

Additional sizes and grits are available upon request. Call for any size not listed.

Sandscreen Waterproof Sheets - Silicon Carbide - 9 x 11

Applications:

- Ideal for drywall, body filler and fiberglass
- Marble and ceramic industry



Size Width/Length	Grit	Item No.	Std. Pkg.	Size Width/Length	Grit	Item No.	Std. Pkg.	
9 x 11	60	74080	25			150	74084	
	80	74081	25			180	74085	25
	100	74082	25			220	74086	25
	120	74083	25			320	74088	25

Sandscreen Drywall Sheets

Silicon Carbide - For Pole & Pad Sanders

Applications:

- Ideal for drywall and plaster sanding
- No equipment necessary

Size Width/Length	Grit	Item No.	Std. Pkg.	Size Width/Length	Grit	Item No.	Std. Pkg.	
4-3/16 x 11	80	74006	100			150	74009	
	100	74007	100			220	74011	100
	120	74008	100					

Sandscreen Rolls

Silicon Carbide - Grit Range: 60 grit through 400 grit

Applications:

- Ferrous and non-ferrous metals
- Hand use for paint and wood



Size Width/Length	Grit	Item No.	Std. Pkg.	Size Width/Length	Grit	Item No.	Std. Pkg.		
1 x 25 yds.	80	75602	6			180	75616		
	100	75603	6			320	75620	4	
	120	75604	6			2 x 25 yds.	80	75622	3
	180	75606	6				100	75623	3
	320	75610	6				120	75624	3
1-1/2 x 25 yds.	80	75612	4	180	75626	3			
	100	75613	4	320	75630	3			
	120	75614	4						

Flexible Sanding Pads

Smooth or Serrated

Size Width/Length	Grit	Item No.	Std. Pkg.
4 x 2-3/4 x 1	Smooth	Fine/Med.	39150 24
	Smooth	Med./Coarse	39151 24
	Serrated	Fine/Med.	39152 24
	Serrated	Med./Coarse	39153 24

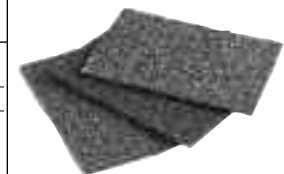


Bright-Buff Hand Pads

Applications:

- Use by hand, hand pad holder or with vibratory sanders
- Cleaning, finishing, light deburring of metals and plastics
- Defuzzing wood, paint and lacquer scuffing
- Ideal replacement for steel wool, emery cloth and wire brushes

Width/Length Color	Mineral Type & Grade	Item No.	Pallet
6 x 9 Maroon	A VFN	07447-100	100 Cases
6 x 9 Maroon	A VFN	07447-50	50 Cases
Case			
6 x 9 Maroon	A VFN	07447	1-Case/60
6 x 9 Gray	S ULF	07448	1-Case/60
6 x 9 Black	S MED	07460	1-Case/40
6 x 9 Green GP	AL Silicate	07450	1-Case/60
6 x 9 Green HD	AL Silicate	07451	1-Case/36
6 x 9 White	Non-Abrasive	07444	1-Case/60
6 x 9 Tan	A MED	07440	1-Case/40



Abrasives

Arc Abrasive

Hand Pad Holder

3-1/4 x 5-1/2	53923	1
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Bright-Buff Sheets

Width/Length Color	Mineral Type & Grade	Item No.	Std. Pkg.
Clean & Finish Sheets			
4 x 4 Maroon	A VFN	07041	100
4 x 4 Maroon	A FIN	07042	100
4 x 4 Maroon	A MED	07043	100
9 x 11 Maroon	A VFN	07091	25
9 x 11 Maroon	A FIN	07092	25
9 x 11 Maroon	A MED	07093	25
Clean & Cut Sheets			
4 x 4 Tan	A MED	07049	100
9 x 11 Tan	A MED	07099	25



Other grades & sizes available upon request

Bright-Buff Rolls

Applications:

- Use by hand or with vibratory sanders
- Cleaning, finishing, light deburring of metals and plastics
- Defuzzing wood, paint and lacquer scuffing
- Ideal replacement for steel wool, emery cloth and wire brushes



Width/Length Color	Mineral Type & Grade	Item No.	Std. Pkg.
4 x 30 Ft. Maroon	A MED	53046	2
4 x 30 Ft. Maroon	A FIN	53047	2
4 x 30 Ft. Maroon	A VFN	53048	2
4 x 30 Ft. Gray	S MED	53049	2
4 x 30 Ft. Gray	S VFN	53050	2
4 x 30 Ft. Gray	S ULF	53051	2
6 x 30 Ft. Maroon	A MED	53058	2
6 x 30 Ft. Maroon	A FIN	53059	2
6 x 30 Ft. Maroon	A VFN	53060	2

Width/Length Color	Mineral Type & Grade	Item No.	Std. Pkg.
6 x 30 Ft. Gray	S MED	53061	2
6 x 30 Ft. Gray	S VFN	53062	2
6 x 30 Ft. Gray	S ULF	53063	2
12 x 30 Ft. Maroon	A MED	53077	1
12 x 30 Ft. Maroon	A FIN	53078	1
12 x 30 Ft. Maroon	A VFN	53079	1
12 x 30 Ft. Gray	S MED	53081	1
12 x 30 Ft. Gray	S VFN	53082	1
12 x 30 Ft. Gray	S ULF	53083	1

Bright-Buff Standard Quick-Lok Surface Conditioning Discs

Applications:

- Standard surface conditioning material is best suited for flat finishing applications
- Used on parable tools in conjunction with Quick-Lok Holders
- Great product for metal finishing and blending, surface preparation work, gasket removal, weld cleaning, #3 & #4 finishing on stainless steel
- Used on a variety of different metals



Type "S" Shown

Standard Surface Conditioning Material – Type "S" Button			
3/4" Brown	A CRS	53434	50
3/4" Maroon	A MED	53435	50
3/4" Blue	A VFN	53436	50
1" Brown	A CRS	53437	50
1" Maroon	A MED	53438	50
1" Blue	A VFN	53439	50
1-1/2" Brown	A CRS	53440	50
1-1/2" Maroon	A MED	53441	50
1-1/2" Blue	A VFN	53442	50
2" Brown	A CRS	53443	50
2" Maroon	A MED	53444	50
2" Blue	A VFN	53445	50
3" Brown	A CRS	53446	25
3" Maroon	A MED	53447	25
3" Blue	A VFN	53448	25
4" Brown	A CRS	53449	25
4" Maroon	A MED	53450	25
4" Blue	A VFN	53451	25
Standard Surface Conditioning Material – Type "R" Button			
3/4" Brown	A CRS	53467	50
3/4" Maroon	A MED	53468	50

3/4" Blue	A VFN	53469	50
1" Brown	A CRS	53470	50
1" Maroon	A MED	53471	50
1" Blue	A VFN	53472	50
1-1/2" Brown	A CRS	53473	50
1-1/2" Maroon	A MED	53474	50
1-1/2" Blue	A VFN	53475	50
2" Brown	A CRS	53476	50
2" Maroon	A MED	53477	50
2" Blue	A VFN	53478	50
3" Brown	A CRS	53479	25
3" Maroon	A MED	53480	25
3" Blue	A VFN	53481	25
4" Brown	A CRS	53485	25
4" Maroon	A MED	53486	25
4" Blue	A VFN	53487	25
Standard Surface Conditioning – Type "P" Button			
2" Brown	A CRS	53410	50
2" Maroon	A MED	53411	50
2" Blue	A VFN	53412	50
3" Brown	A CRS	53413	25
3" Maroon	A MED	53414	25
3" Blue	A VFN	53415	25

Bright-Buff Premium Quick-Lok Surface Conditioning Discs

Applications:

- Premium surface conditioning Quick-Lok disc material performs a wide variety of tasks including deburring, flat finishing and finishing on edges
- Used on portable tools in conjunction with Quick-Lok Holders
- Great product for metal finishing and blending, surface preparation work, gasket removal, weld cleaning, #3 & #4 finishing on stainless steel
- Used on a variety of different metals

Premium Surface Conditioning Material – Type "S" Button			
3/4" Brown	A CRS	5349201	50
3/4" Maroon	A MED	5349202	50
3/4" Blue	A VFN	5349203	50
1" Brown	A CRS	5349211	50
1" Maroon	A MED	5349212	50
1" Blue	A VFN	5349213	50
1-1/2" Brown	A CRS	5349221	50
1-1/2" Maroon	A MED	5349222	50
1-1/2" Blue	A VFN	5349223	50
1-1/2" Gray	S SFN	5348823	50
2" Brown	A CRS	5349241	50
2" Maroon	A MED	5349242	50
2" Blue	A VFN	5349243	50
2" Gray	S SFN	5348843	50
3" Brown	A CRS	5349261	25
3" Maroon	A MED	5349262	25
3" Blue	A VFN	5349263	25
3" Gray	S SFN	5348863	25
4" Brown	A CRS	5349281	25
4" Maroon	A MED	5349282	25
4" Blue	A VFN	5349283	25
Premium Surface Conditioning Material – Type "R" Button			
3/4" Brown	A CRS	5349301	50
3/4" Maroon	A MED	5349302	50

3/4" Blue	A VFN	5349303	50
1" Brown	A CRS	5349311	50
1" Maroon	A MED	5349312	50
1" Blue	A VFN	5349313	50
1-1/2" Brown	A CRS	5349321	50
1-1/2" Maroon	A MED	5349322	50
1-1/2" Blue	A VFN	5349323	50
1-1/2" Gray	S SFN	5348923	50
2" Brown	A CRS	5349341	50
2" Maroon	A MED	5349342	50
2" Blue	A VFN	5349343	50
2" Gray	S SFN	5348943	50
3" Brown	A CRS	5349361	25
3" Maroon	A MED	5349362	25
3" Blue	A VFN	5349363	25
3" Gray	S SFN	5348963	25
4" Brown	A CRS	5349381	25
4" Maroon	A MED	5349382	25
4" Blue	A VFN	5349383	25
Premium Surface Conditioning Material – Type "P" Button			
2" Brown	A CRS	5349141	50
2" Maroon	A MED	5349142	50
2" Blue	A VFN	5349143	50
3" Brown	A CRS	5349161	25
3" Maroon	A MED	5349162	25
3" Blue	A VFN	5349163	25

Bright-Buff Premium Quick-Lok Surface Conditioning Discs

5/8 - 11 Center Fastener

Applications:

- Premium surface conditioning Quick-Lok discs perform a wide variety of tasks including deburring, flat finishing & finishing on edges.
- Used on right angle grinders for metal finishing & blending, surface preparation work, gasket removal, weld cleaning, #3 & #4 finishing on stainless steel.

Size - Dia./Color	Mineral Type & Grade	Item No.	Std. Pkg.
5" Brown	A CRS	532851	25
5" Maroon	A MED	532852	25
5" Blue	A VFN	532853	25

Size Dia./Color	Mineral Type & Grade	Item No.	Std. Pkg.
7" Brown	A CRS	532871	25
7" Maroon	A MED	532872	25
7" Blue	A VFN	532873	25

Bright-Buff Quick-Lok Finishing Discs

Applications:

- Ideal for decorative finishing on flat surfaces
- Used on portable tools in conjunction with Quick-Lok Holders
- Used on a variety of different metals

Size - Dia./Color	Mineral Type & Grade	Item No.	Std. Pkg.
Type "S" Button			
2" Maroon	A MED	53343	50
2" Maroon	A FIN	53344	50
2" Maroon	A VFN	53345	50
3" Maroon	A MED	53346	25
3" Maroon	A FIN	53347	25
3" Maroon	A VFN	53348	25
Type "R" Button			
2" Maroon	A MED	53376	50
2" Maroon	A FIN	53377	50

2" Maroon	A VFN	53378	50
3" Maroon	A MED	53379	25
3" Maroon	A FIN	53380	25
3" Maroon	A VFN	53381	25
Type "P" Button			
2" Maroon	A MED	53310	50
2" Maroon	A FIN	53311	50
2" Maroon	A VFN	53312	50
3" Maroon	A MED	53313	25
3" Maroon	A FIN	53314	25
3" Maroon	A VFN	53315	25

Additional sizes and grits are available upon request. Call for any size not listed.

Arc Abrasive

Quick-Lok Disc Holders

Type S					
3/4 x 1/4	Med	50250	1	40,000	
1 x 1/4	Med	50251	1	40,000	
1-1/2 x 1/4	Med	50252	1	25,000	
1-1/2 x 1/4	Soft	50252SF	1	25,000	
2 x 1/4	Med	50253	1	23,000	
2 x 1/4	Firm	50253FM	1	23,000	
2 x 1/4	Soft	50253SF	1	23,000	
3 x 1/4	Med	50254	1	20,000	
3 x 1/4	Firm	50254FM	1	20,000	
3 x 1/4	Soft	50254SF	1	20,000	

Type P					
3/4 x 1/4	Med	50263	1	40,000	
1 x 1/4	Med	50264	1	40,000	
1-1/2 x 1/4	Med	50265	1	25,000	
2 x 1/4	Med	50266	1	23,000	
2 x 1/4	Firm	50266FM	1	23,000	
2 x 1/4	Soft	50266SF	1	23,000	
3 x 1/4	Med	50267	1	20,000	
3 x 1/4	Firm	50267FM	1	20,000	
3 x 1/4	Soft	50267SF	1	20,000	

Type R					
1 x 1/4	Med	50257	1	40,000	
1-1/2 x 1/4	Med	50258	1	25,000	
1-1/2 x 1/4	Soft	50258SF	1	25,000	

Bright-Buff Standard Surface Conditioning Velcro™ Discs

Use with Velcro Holders

Applications:

- Standard surface conditioning material is best suited for flat finishing applications
- Used on die grinders and right angle grinders in conjunction with Velcro Holders
- Great product for metal finishing and blending, surface preparation work, gasket removal, weld cleaning, #3 & #4 finishing on stainless steel
- Used on a variety of different metals



1-1/2" Brown	A CRS	53201	50	
1-1/2" Maroon	A MED	53203	50	
1-1/2" Blue	A VFN	53205	50	
2" Brown	A CRS	53207	50	
2" Maroon	A MED	53209	50	
2" Blue	A VFN	53211	50	
3" Brown	A CRS	53213	25	
3" Maroon	A MED	53215	25	
3" Blue	A VFN	53217	25	
4" Brown	A CRS	53219	25	
4" Maroon	A MED	53221	25	
4" Blue	A VFN	53223	25	
4-1/2" Brown	A CRS	53224	25	
4-1/2" Maroon	A MED	53224Z1	25	
4-1/2" Blue	A VFN	53224Z2	25	
5" Brown	A CRS	53225	10	
5" Maroon	A MED	53227	10	
5" Blue	A VFN	53229	10	
6" Brown	A CRS	53231	10	
6" Maroon	A MED	53233	10	
6" Blue	A VFN	53235	10	
7" Brown	A CRS	53237	10	
7" Maroon	A MED	53239	10	
7" Blue	A VFN	53241	10	
8" Brown	A CRS	53243	10	
8" Maroon	A MED	53245	10	
8" Blue	A VFN	53247	10	

Bright-Buff Premium Surface Conditioning Velcro™ Discs

New & Improved Premium Material - Use with Velcro Disc Holders

Applications:

- Premium surface conditioning material performs a wide variety of tasks including deburring, flat finishing and finishing on edges
- Used on die grinders and right angle grinders in conjunction with Velcro Holders
- Great product for metal finishing and blending, surface preparation work, gasket removal, weld cleaning, #3 & #4 finishing on stainless steel
- Used on a variety of different metals

1-1/2" Brown	A CRS	56001	50	
1-1/2" Maroon	A MED	56002	50	
1-1/2" Blue	A VFN	56003	50	
1-1/2" Gray	S SFN	5610153	502	
2" Brown	A CRS	56004	50	
2" Maroon	A MED	56005	50	
2" Blue	A VFN	56006	50	
2" Gray	S SFN	5610202	50	
3" Brown	A CRS	56007	25	
3" Maroon	A MED	56008	25	
3" Blue	A VFN	56009	25	
3" Gray	S SFN	5610303	25	
4" Brown	A CRS	56010	25	
4" Maroon	A MED	56011	25	
4" Blue	A VFN	56012	25	
4" Gray	S SFN	5610403	25	
4-1/2" Brown	A CRS	56013	25	
4-1/2" Maroon	A MED	56014	25	
4-1/2" Blue	A VFN	56015	25	
4-1/2" Gray	S SFN	5610453	25	
5" Brown	A CRS	56016	10	
5" Maroon	A MED	56017	10	
5" Blue	A VFN	56018	10	
5" Gray	S SFN	5610503	10	
6" Brown	A CRS	56019	10	
6" Maroon	A MED	56020	10	
6" Blue	A VFN	56021	10	
6" Gray	S SFN	5610603	10	

Bright-Buff Premium Surface Conditioning Velcro™ Discs

New and Improved Premium Material

Use with Velcro Disc Holders

7" Brown	A CRS	56022	10	
7" Maroon	A MED	56023	10	
7" Blue	A VFN	56024	10	
7" Gray	S SFN	5610703	10	
8" Brown	A CRS	56025	10	
8" Maroon	A MED	56026	10	
8" Blue	A VFN	56027	10	
8" Gray	S SFN	5610803	10	

Note: Course, Medium and Very Fine grades available immediately.

Note: Check with our customer service representative for S SFN grit availability

Bright-Buff Velcro™ Disc Holders

New and Improved Velcro Hook

For use with surface finishing and general duty Velcro discs

Applications:

- Used with surface finishing or general duty Velcro discs
- Used on air or electric grinders

1-1/2 x 1/4"	53901	1	20,000	
2 x 1/4	53902	1	20,000	
3 x 1/4	53903	1	18,000	
4 x 1/4	53904	1	10,000	
4 x 5/8-11	53904SH	1	4,800	
4-1/2 x 5/8-11	53904Z3	1	10,000	
5 x 5/16-24	53905	1	10,000	
5 x 5/8-11	53905Z1	1	4,800	
6 x 5/16-24	53906	1	10,000	
6 x 5/8-11	53906SH	1	4,800	
7 x 5/8-11	53907	1	6,000	
8 x 5/8-11	53908	1	4,800	

Bright-Buff Standard Surface Conditioning Belts

Surface Conditioning Material - Standard Scrim

Applications:

- Standard surface conditioning material is best suited for flat finishing applications
- Used on back-stand grinders and portable tools
- Great product for metal finishing and blending, surface preparation work, gasket removal, weld cleaning, #3 & #4 finishing on stainless steel
- Used on a variety of different metals



Size Width/Length Color	Mineral Type & Grade	Item No.	Std. Pkg.	Size Width/Length Color	Mineral Type & Grade	Item No.	Std. Pkg.
1/2 x 18 Brown	A CRS	53512	20	2-1/2 x 60 Brown	A CRS	53728	10
1/2 x 18 Maroon	A MED	53513	20	2-1/2 x 60 Maroon	A MED	53729	10
1/2 x 18 Blue	A VFN	53514	20	2-1/2 x 60 Blue	A VFN	53730	10
1/2 x 24 Brown	A CRS	53524	20	2-3/4 x 15-1/2 Brown	A CRS	53736	10
1/2 x 24 Maroon	A MED	53525	20	2-3/4 x 15-1/2 Maroon	A MED	53737	10
1/2 x 24 Blue	A VFN	53526	20	2-3/4 x 15-1/2 Blue	A VFN	53738	10
3/4 x 18 Brown	A CRS	53532	20	3 x 24 Brown	A CRS	53752	10
3/4 x 18 Maroon	A MED	53533	20	3 x 24 Maroon	A MED	53753	10
3/4 x 18 Blue	A VFN	53534	20	3 x 24 Blue	A VFN	53754	10
3/4 x 20-1/2 Brown	A CRS	53535	20	3 x 132 Brown	A CRS	53772	5
3/4 x 20-1/2 Maroon	A MED	53536	20	3 x 132 Maroon	A MED	53773	5
3/4 x 20-1/2 Blue	A VFN	53537	20	3 x 132 Blue	A VFN	53774	5
1 x 42 Brown	A CRS	53556	10	3-1/2 x 15-1/2 Brown	A CRS	53788	10
1 x 42 Maroon	A MED	53557	10	3-1/2 x 15-1/2 Maroon	A MED	53789	10
1 x 42 Blue	A VFN	53558	10	3-1/2 x 15-1/2 Blue	A VFN	53790	10
2 x 48 Brown	A CRS	53660	10	4 x 24 Brown	A CRS	53800	10
2 x 48 Maroon	A MED	53661	10	4 x 24 Maroon	A MED	53801	10
2 x 48 Blue	A VFN	53662	10	4 x 24 Blue	A VFN	53802	10
2 x 60 Brown	A CRS	53668	10	4 x 132 Brown	A CRS	53824	5
2 x 60 Maroon	A MED	53669	10	4 x 132 Maroon	A MED	53825	5
2 x 60 Blue	A VFN	53670	10	4 x 132 Blue	A VFN	53826	5
2 x 72 Brown	A CRS	53676	10	4 x 168 Brown	A CRS	53832	5
2 x 72 Maroon	A MED	53677	10	4 x 168 Maroon	A MED	53833	5
2 x 72 Blue	A VFN	53678	10	4 x 168 Blue	A VFN	53834	5
2 x 132 Brown	A CRS	53696	5	6 x 48 Brown	A CRS	53856	5
2 x 132 Maroon	A MED	53697	5	6 x 48 Maroon	A MED	53857	5
2 x 132 Blue	A VFN	53698	5	6 x 48 Blue	A VFN	53858	5

Additional sizes and grits are available upon request. Call for any size not listed.

Abrasives

Flexovit

Flexovit

Type 27 Depressed Center Grinding Wheels

For Grinding Only

- Maximum Productivity
- Exceptional Value
- State-of-the-Art Engineering



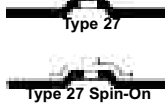
METAL, STAINLESS:

A30S - Fast Grind - Aggressive grinding with good life. The A30S performs well on a broad range of metals, including stainless and other hard alloys. An excellent 'all-purpose' grinding spec.

A24/30T-Heavy Duty - Often copied, but never equaled, A24/30T is the most rugged wheel in the industry. Flexovit's A24/30T delivers the longest life of any aluminum oxide wheel without sacrificing aggressive grinding action. Your best choice for tough applications such as beveling and edge or flame cut grinding. This durable wheel can dramatically reduce your abrasives cost.

CONCRETE:

C24/30P - Heavy Duty - Made with silicon carbide grain, C24/30P is designed for all concrete and masonry applications. Also offers fast grinding action on non-ferrous metals.

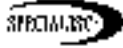


Dimensions (in) Dia. x Thk. x Arbor	Max RPM	Metal, Stainless			Concrete	Box/ Crt. Qty.
		Fast Grind A30S	Heavy Duty A24/30T	Heavy Duty C24/30P		
3 x 1/4 x 3/8	20,000	A0054	-	-	-	25/100
4 x 1/4 x 3/8	15,000	A0390	A0395	-	-	25/100
4 x 1/4 x 5/8	15,000	A0414	A0406	A0396	-	25/100
4-1/2 x 1/4 x 7/8	13,300	A1236	A1226	A1257	-	25/100
4-1/2 x 1/4 x 5/8-11	13,300	A1236H	A1226H	A1257H	-	10
5 x 1/4 x 7/8	12,000	A2236	A2226	A2239	-	25/100
5 x 1/4 x 5/8-11	12,000	A2236H	A2226H	A2239H	-	10
6 x 1/4 x 7/8	10,000	A3236	-	-	-	25
6 x 1/4 x 5/8-11	10,000	A3236H	-	-	-	10
7 x 1/4 x 7/8	8,600	A5356	A5301	A5446	-	25
7 x 1/4 x 5/8-11	8,600	A5356H	A5301H	A5446H	-	10
7 x 5/16 x 7/8	8,600	-	A5551	-	-	25
9 x 1/4 x 7/8	6,800	A8353	A8301	A8446	-	25
9 x 1/4 x 5/8-11	6,800	A8353H	A8301H	A8446H	-	10
9 x 5/16 x 7/8	6,800	-	A8619	-	-	25

Type 27 Depressed Center Grinding Wheels

For Grinding Only

- Job Focused
- Peak Performance



ALUMINUM:

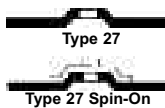
A24ALU-Load Resistant - A non-loading wheel for grinding on aluminum and other nonferrous materials.

STAINLESS:

A30Q-Free Grind - Specially formulated for grinding stainless steels and other alloy metals. A30Q wheels deliver smooth and fast grinding.

IRON:

CA24R - Foundry - A special blend of silicon carbide and aluminum oxide. Perfect for removing burned-in sand from castings, as well as ductile, malleable and cast iron.



Dimensions (in) Dia. x Thk. x Arbor	Max. RPM	Aluminum	Stainless	Iron	Box/ Crt. Qty.
		Load Resistant A24ALU	Free Grind A30Q	Foundry CA24R	
4 x 1/4 x 5/8	15,000	A0403	A0391	-	25/100
4-1/2 x 1/4 x 7/8	13,300	A1203	A1231	-	25/100
4-1/2 x 1/4 x 5/8-11	13,300	A1203H	A1231H	-	10
5 x 1/4 x 7/8	12,000	A2220	A2231	-	25/100
5 x 1/4 x 5/8-11	12,000	A2220H	A2231H	-	10
7 x 1/4 x 7/8	8,600	A5237	A5331	A5435	25
7 x 1/4 x 5/8-11	8,600	A5237H	A5331H	A5435H	10
9 x 1/4 x 7/8	6,800	A8241	A8331	A8435	25
9 x 1/4 x 5/8-11	6,800	A8241H	A8331H	A8435H	10

Type 27 Depressed Center Grinding Wheels

For Grinding Only

- Zirconia Abrasive
- Aggressive Action
- Premium Performance



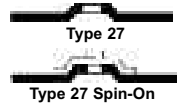
METAL, STAINLESS, ALLOYS:

ZA24P - Fastest Grind - Fastest stock removal rate of any zirconia wheel.

ZA20Q - Fast Grind - Excellent for grinding on flat or broad surfaces.

ZA24S - Heavy Duty - Maximum life. Best choice for beveling and edge grinding.

ZA16U - Foundry Snag - Fast stock removal in rough foundry applications.



Dimensions Dia. x Thk. x Arbor	Max. RPM	Metal, Stainless, Alloys				Box Qty.
		Fastest Grind ZA24P	Fast Grind ZA20Q	Heavy Duty ZA24S	Foundry Snag ZA16U	
3 x 1/4 x 3/8	20,000	-	-	A0034	-	10
4 x 1/4 x 3/8	15,000	-	-	A0344	A0334	10
4 x 1/4 x 5/8	15,000	-	-	A0444	A0434	10
4-1/2 x 1/4 x 7/8	13,300	A1224	A1244	A1234	-	10
4-1/2 x 1/4 x 5/8-11	13,300	A1224H	A1244H	A1234H	-	10
5 x 1/4 x 7/8	12,000	A2224	A2244	A2234	-	10
5 x 1/4 x 5/8-11	12,000	A2224H	A2244H	A2234H	-	10
6 x 1/4 x 7/8	10,000	-	A3244	A3434	-	10
6 x 1/4 x 5/8-11	10,000	-	A3244H	A3434H	-	10
7 x 1/4 x 7/8	8,600	A5224	A5444	A5434	A5354	10
7 x 1/4 x 5/8-11	8,600	A5224H	A5444H	A5434H	A5354H	10
9 x 1/4 x 7/8	6,800	A8224	A8444	A8434	A8354	10
9 x 1/4 x 5/8-11	6,800	A8224H	A8444H	A8434H	A8354H	10

Type 28 Depressed Center Grinding Wheels

For Grinding Only

- Maximum Productivity
- Exceptional Value
- State-of-the-Art Engineering



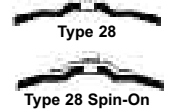
METAL, STAINLESS:

A30S-Fast Grind - Aggressive grinding with good life. The A30S performs well on a broad range of metals, including stainless and other hard alloys. An excellent 'all-purpose' grinding spec.

A24/30T-Heavy Duty - Often copied, but never equaled, A24/30T is the most rugged wheel in the industry. Flexovit's A24/30T delivers the longest life of any aluminum oxide wheel without sacrificing aggressive grinding action. Your best choice for tough applications such as beveling and edge or flame cut grinding. This durable wheel can dramatically reduce your abrasives cost.

CONCRETE:

C24/30P-Heavy Duty - A 'must' for every contractor's toolbox. For grinding and smoothing concrete and masonry products. Use C24/30P Type 28 as an economical alternative to diamond or abrasive cup wheels.



Dimensions Dia. x Thk. x Arbor	Max. RPM	Metal, Stainless		Concrete	Box/ Crt. Qty.
		Fast Grind A30S	Heavy Duty A24/30T	Heavy Duty C24/30P	
4-1/2 x 1/4 x 7/8	12,000	A1237	A1227	A1258	25/100
4-1/2 x 1/4 x 5/8-11	12,000	A1237H	A1227H	A1258H	10
5 x 1/4 x 7/8	10,000	A2237	A2227	A2240	25/100
5 x 1/4 x 5/8-11	10,000	A2237H	A2227H	A2240H	10
7 x 1/4 x 7/8	8,600	A5360	A5302	A5447	25
7 x 1/4 x 5/8-11	8,600	A5360H	A5302H	A5447H	10
7 x 5/16 x 7/8	8,600	-	A5617	-	25
9 x 1/4 x 7/8	6,800	A8360	A8302	A8462	25
9 x 1/4 x 5/8-11	6,800	A8360H	A8302H	A8462H	10

Flexovit

Type 28 Depressed Center Grinding Wheels For Grinding Only

- Job Focused
- Peak Performance

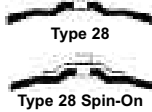
STAINLESS:

A30Q - Free Grind - Specially formulated for grinding stainless steels and other alloy metals. Provides for smooth and fast grinding.

Dimensions (in) Dia. x Thk. x Arbor	Max RPM	Stainless		Box/ Crt. Qty.
		Free Grind A30Q		
4-1/2 x 1/4 x 7/8	12,000	A1232		25/100
4-1/2 x 1/4 x 5/8-11	12,000	A1232H		10
5 x 1/4 x 7/8	10,000	A2232		25/100
5 x 1/4 x 5/8-11	10,000	A2232H		10
7 x 1/4 x 7/8	8,600	A5332		25
7 x 1/4 x 5/8-11	8,600	A5332H		10
9 x 1/4 x 7/8	6,800	A8332		25
9 x 1/4 x 5/8-11	6,800	A8332H		10



Type 28



Type 28 Spin-On

Type 28 Depressed Center Grinding Wheels For Grinding Only

- Zirconia Abrasive
- Aggressive Action
- Premium Performance

METAL, STAINLESS, ALLOYS:

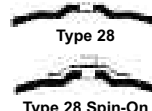
ZA24S-Heavy Duty - Maximum life. Best choice for beveling and edge grinding.

ZA16U-Foundry Snag - Fast stock removal in rough foundry applications.

Dimensions (in) Dia. x Thk. x Arbor	Max RPM	Metal, Stainless, Alloys		Box/ Crt. Qty.
		Heavy Duty ZA24S	Foundry, Snag ZA16U	
4-1/2 x 1/4 x 7/8	12,000	A1334	-	10
4-1/2 x 1/4 x 5/8-11	12,000	A1334H	-	10
5 x 1/4 x 7/8	10,000	A2334	-	10
5 x 1/4 x 5/8-11	10,000	A2334H	-	10
7 x 1/4 x 7/8	8,600	A5404	A5254	10
7 x 1/4 x 5/8-11	8,600	A5404H	A5254H	10
9 x 1/4 x 7/8	6,800	A8404	A8254	10
9 x 1/4 x 5/8-11	6,800	A8404H	A8254H	10



Type 28



Type 28 Spin-On

Type 27 Depressed Center Combination Wheels

For Cutting, Notching & Light Grinding

- Maximum Productivity
- Exceptional Value
- State-of-the-Art Engineering

METAL, STAINLESS:

A30S - Fast Cut, Grind - Fast cutting/grinding with good life. Performs well on a broad range of materials, including stainless and other hard alloys. An excellent "all purpose" spec.

A24/30T - Heavy Duty - Often copied, but never equaled, A24/30T is the most rugged wheel in the industry. Flexovit's A24/30T delivers the longest life of any aluminum oxide wheel without sacrificing aggressive cutting/grinding action.

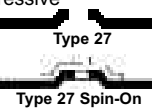
CONCRETE:

C24/30P - Heavy Duty - Made with silicon carbide grain; C24/30P is designed for all concrete and masonry applications. Also offers fast cutting/grinding on nonferrous metals.

Dimensions Dia. x Thk. x Arbor	Max RPM	Metal, Stainless		Concrete	Box/ Crt. Qty.
		Fast Cut, Grind A30S	Heavy Duty A24/30T	Heavy Duty C24/30P	
4 x 1/8 x 3/8	15,000	A0274	A0276	-	25/100
4 x 1/8 x 5/8	15,000	A0264	A0255	-	25/100
4 x 3/16 x 3/8	15,000	A0331	-	-	25/100
4 x 3/16 x 5/8	15,000	A0337	-	A0341	25/100
4-1/2 x 1/8 x 7/8	13,300	A0736	A0722	-	25/100
4-1/2 x 1/8 x 5/8-11	13,300	A0736H	A0722H	-	10
4-1/2 x 3/16 x 7/8	13,300	A0936	-	-	25/100
4-1/2 x 3/16 x 5/8-11	13,300	A0936H	-	-	10
5 x 1/8 x 7/8	12,000	A1737	A1722	-	25/100
5 x 1/8 x 5/8-11	12,000	A1737H	A1722H	-	10
6 x 1/8 x 7/8	10,000	A2736	A2721	-	25
6 x 1/8 x 5/8-11	10,000	A2736H	A2721H	-	10



Type 27



Type 27 Spin-On

Type 27 Depressed Center Combination Wheels (continued)

Dimensions Dia. x Thk. x Arbor	Max RPM	Metal, Stainless		Concrete	Box/ Crt. Qty.
		Fast Cut, Grind A30S	Heavy Duty A24/30T	Heavy Duty C24/30P	
7 x 1/8 x 7/8	8,600	A4250	A4177	A4341	25
7 x 1/8 x 5/8-11	8,600	A4250H	A4177H	A4341H	10
7 x 3/16 x 7/8	8,600	A586	A4426	-	25
7 x 3/16 x 5/8-11	8,600	A4586H	A4426H	-	10
9 x 1/8 x 7/8	6,800	A7250	A7177	A7300	25
9 x 1/8 x 5/8-11	6,800	A7250H	A7177H	A7300H	10
9 x 3/16 x 7/8	6,800	A7539	A7426	-	25
9 x 3/16 x 5/8-11	6,800	A7539H	A7426H	-	10

Type 27 Depressed Center Combination Wheels For Cutting, Notching & Light Grinding

- Job Focused
- Peak Performance

STAINLESS:

A30Q - Free Cut, Grind - Specially formulated for cutting/grinding stainless steels and other alloy metals. Smooth and fast grinding.

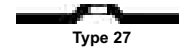
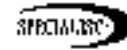
PIPELINE:

A30R - Smooth Grind - Developed for the pipeline industry, A30R is the #1 choice in the fabrication of pipelines and pressure vessels. Whether the job calls for cutting, notching, or root pass grinding, this wheel meets the challenge. Smooth, chatter-free performance.

IRON:

CA24R - Foundry - A special blend of silicon carbide and aluminum oxide. Perfect for cutting gates and risers from castings, as well as cutting/grinding ductile, malleable and cast iron.

Dimensions Dia. x Thk. x Arbor	Max RPM	Stainless	Pipeline	Iron	Box/Crt. Qty.
		Free Cut/Grind A30Q	Smooth Grind A30R	Foundry CA24R	
4-1/2 x 1/8 x 7/8	13,300	-	A0780	-	25/100
4-1/2 x 1/8 x 5/8-11	13,300	-	A0780H	-	10
5 x 1/8 x 7/8	12,000	-	A1780	-	25/100
5 x 1/8 x 5/8-11	12,000	-	A1780H	-	10
6 x 1/8 x 7/8	10,000	-	A2730	-	25
6 x 1/8 x 5/8-11	10,000	-	A2730H	A3270H	10
7 x 1/8 x 7/8	8,600	A4231	A4330	A4270	25
7 x 1/8 x 5/8-11	8,600	A4231H	A4330H	A4270H	10
7 x 3/16 x 7/8	8,600	-	A4580	-	25
7 x 3/16 x 5/8-11	8,600	-	A4580H	-	10
9 x 1/8 x 7/8	6,800	A7231	A7280	A7270	25
9 x 1/8 x 5/8-11	6,800	A7231H	A7280H	A7270H	10



Type 27 Spin-On

Type 27 Depressed Center Combination Wheels

For Cutting, Notching & Light Grinding

- Zirconia Abrasive
- Aggressive Action
- Premium Performance

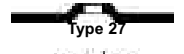
METAL, STAINLESS:

ZA24S - Long life coupled with fast material removal; the ZA24S is an excellent choice for beveling.

PIPELINE:

ZA30T - The perfect premium zirconia wheel for cutting, notching and root-pass grinding in pipeline and pressure vessel fabrication. Smooth, chatter-free performance. Wears evenly, never "out-of-round"

Dimensions (in) Dia. x Thk. x Arbor	Max RPM	Metal, Stainless	Pipeline	Box Qty.
		ZA24S	ZA30T	
3 x 1/8 x 3/8	20,000	A0014	-	10
4 x 1/8 x 3/8	15,000	A0134	-	10
4 x 1/8 x 5/8	15,000	A0234	-	10
4-1/2 x 1/8 x 7/8	13,300	A0734	A0714	10
4-1/2 x 1/8 x 5/8-11	13,300	A0734H	A0714H	10
5 x 1/8 x 7/8	12,000	A1734	A1714	10
5 x 1/8 x 5/8-11	12,000	A1734H	A1714H	10
6 x 1/8 x 7/8	10,000	A2434	A2414	10
6 x 1/8 x 5/8-11	10,000	A2434H	A2414H	10
7 x 1/8 x 7/8	8,600	A4434	A4414	10
7 x 1/8 x 5/8-11	8,600	A4434H	A4414H	10
9 x 1/8 x 7/8	6,800	A7434	A7414	10
9 x 1/8 x 5/8-11	6,800	A7434H	A7414H	10



Type 27 Spin-On

- continues -

Abrasives

Flexovit

Type 27 Thin Depressed Center Cutoff Wheels

For Cutting Only

- Razor Sharp
- Cool, Fast Cuts
- Angle Grinder Compatible

Razorblade 27



METAL, STAINLESS:

A60SST-27-Ex Fast Cut - The razor thin .045" profile makes this the fastest cutting choice for metal, stainless and alloys. Unmatched wheel life for any product in its class. Available for 4-1/2" and 5" angle grinders.

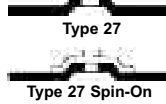
A24/30T-Heavy Duty - For exceptionally long life in any cutting application, and for tough jobs such as sheet metal, this 3/32" thick wheel is ideal.

STAINLESS:

A30Q-Extra Fast Cut - For stainless steel jobs where the thicker 3/32" wheel is preferred; A30Q offers a fast, free cutting action.



The recessed Type 27 wheel allows for flush cutting w/o protruding machine spindle & locking nut.



Dimensions Dia. x Thk. x Arbor	Max RPM	Metal, Stainless		Stainless		Box/Crt. Qty.
		Extra Fast Cut A60SST-27	Heavy Duty A24/30T	Extra Fast Cut A30Q		
4 x 3/32 x 5/8	15,000	-	A0265	A0221	25/100	
4-1/2 x .045 x 7/8	13,300	A0481	-	-	50/200	
4-1/2 x 3/32 x 7/8	13,300	-	A0575	A0711	25/100	
4-1/2 x 3/32 x 5/8-11	13,300	-	A0575H	A0711H	10	
5 x .045 x 7/8	12,000	A1581	-	-	50/200	
5 x 3/32 x 7/8	12,000	-	A1765	A1711	25/100	
5 x 3/32 x 5/8-11	12,000	-	A1765H	A1711H	10	
6 x 3/32 x 7/8	10,000	-	A3175	A2711	25	
6 x 3/32 x 5/8-11	10,000	-	A3175H	-	10	
7 x 3/32 x 7/8	8,600	-	A4175	A4111	25	
7 x 3/32 x 5/8-11	8,600	-	A4175H	A4111H	10	

*Some grinders are not equipped with flanges that permit proper tightening of thin wheels. For most 4-1/2" and 5" angle grinders, Flexovit offers a compatible, reusable adapter flange (part #Z0303), or contact machine manufacturer for adapter parts.

Type 27 Depressed Center Cutoff Wheels

For Cutting Only

- Maximum Productivity
- Exceptional Value
- State-of-the-Art Engineering

HIGHMIL PERFORMANCE



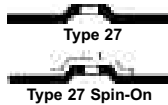
METAL, STAINLESS:

A30S - Fast Cut, Grind - Fast cutting with good life. Performs well on a broad range of materials, including stainless and other hard alloys. An excellent 'all purpose' spec.

A24/30T - Heavy Duty - Often copied, but never equaled, A24/30T is the most rugged wheel in the industry. Flexovit's A24/30T delivers the longest life of any aluminum oxide wheel without sacrificing aggressive cutting action.

CONCRETE:

C24/30P-Heavy Duty - Made with silicon carbide grain; C24/30P is designed for all concrete and masonry applications. Also offers fast cutting on nonferrous metals.



Dimensions Dia. x Thk. x Arbor	Max RPM	Metal, Stainless		Concrete		Box/Crt. Qty.
		Fast Cut A30S	Heavy Duty A24/30T	Heavy Duty C24/30T		
3 x 1/8 x 3/8	20,000	A0017	-	-	25/100	
4 x 1/8 x 3/8	15,000	A0273	-	-	25/100	
4 x 1/8 x 5/8	15,000	A0261	-	A0290	25/100	
4-1/2 x 1/8 x 7/8	13,300	A0735	A0721	A0761	25/100	
4-1/2 x 1/8 x 5/8-11	13,300	A0735H	A0721H	A0761H	10	
5 x 1/8 x 7/8	12,000	A1736	A1721	A1741	25/100	
5 x 1/8 x 5/8-11	12,000	A1736H	A1721H	A1741H	10	
6 x 1/8 x 7/8	10,000	A2751	-	-	25	
6 x 1/8 x 5/8-11	10,000	A2751H	-	-	10	
7 x 1/8 x 7/8	8,600	A4086	A3928	-	25	
7 x 1/8 x 5/8-11	8,600	A4086H	A3928H	-	10	
9 x 1/8 x 7/8	6,800	A7086	A6930	-	25	
9 x 1/8 x 5/8-11	6,800	A7086H	A6930H	-	10	

Type 27 Depressed Center Cutoff Wheels

For Cutting Only

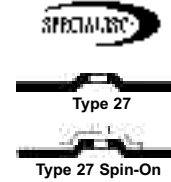
- Job Focused
- Peak Performance



STAINLESS:

A30Q - Specially formulated for smooth, free cutting on stainless and other alloy materials.

Dimensions (in) Dia. x Thk. x Arbor	Max RPM	Stainless		Box/Crt. Qty.
		Free Cut A30Q		
4-1/2 x 1/8 x 7/8	13,300	A0731	25/100	
4-1/2 x 1/8 x 5/8-11	13,300	A0731H	10	
5 x 1/8 x 7/8	12,000	A1731	25/100	
5 x 1/8 x 5/8-11	12,000	A1731H	10	



Type 27 & Type 29 Semi-Flexible Wheels

For Grinding & Finishing

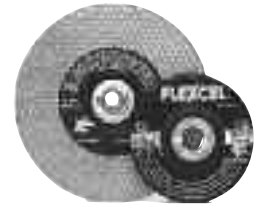
- Grind & Finish with One Wheel
- No Loading or Glazing

METAL, STAINLESS, ALUMINUM:

A-Fine - Produces a great finish. Comparable to 50-120 grit sanding discs.

A-Medium - The "all-around" wheel for metal grinding and finishing. Comparable to 24-60 grit sanding discs.

A-Coarse - An aggressive grinding and finishing wheel, providing finish comparable to 12-36 grit sanding discs.



Must be used at a minimum 15° angle
DO NOT use flat

CONCRETE, FIBERGLASS:

C-Coarse - Extremely aggressive. Excellent choice for concrete, masonry and fiberglass.

Comparable to 12-36 grit sanding discs.



Dimensions (in) Dia. x Thk. x Arbor	Max RPM	Metal, Stainless, Aluminum			Concrete		Box/Crt. Qty.
		A-Fine 50-120 Grit Finish	A-Medium 24-60 Grit Finish	A-Coarse 12-36 Grit Finish	C-Coarse 12-36 Grit Finish		
Type 27							
4 x 1/8 x 5/8	15,000	-	S6400	-	-	25/100	
4-1/2 x 1/8 x 7/8	13,300	S6920	S6900	S6880	-	25/100	
4-1/2 x 1/8 x 5/8-11	13,300	S6920H	S6900H	S6880H	-	10	
5 x 1/8 x 7/8	12,000	S7420	S7400	S7380	-	25/100	
5 x 1/8 x 5/8-11	12,000	-	S7400H	-	-	10	
7 x 1/8 x 5/8-11	8,600	S7920H	S7900H	S7880H	S7890H	10	
Type 29							
4-1/2 x 1/8 x 7/8	13,300	S6740	S6700	S6790	-	25/100	
4-1/2 x 1/8 x 5/8-11	13,300	S6740H	S6700H	S6790H	-	10	
5 x 1/8" x 7/8	12,000	S7220	S7200	S7180	-	25/100	
7 x 1/8 x 7/8	8,600	S7720*	S7700*	S7680*	-	50	
7 x 1/8 x 5/8-11	8,600	S7720H	S7700H	S7680H	S7690H	10	

*7 x 1/8" x 7/8" Type 29 wheel must be mounted with a reusable back-up pad. One pad is included in each box.

NOTE: This semi-flexible wheel must be used like a depressed center wheel with a machine guard.

Flexovit

Type 27 Depressed Center Cotton Laminate Wheels

For Grinding, Blending & Finishing

- Grind, Blend & Finish
- Cool, Cushioned Action
- Load Resistant



METAL, STAINLESS, ALLOYS, ALUMINUM

A24MX - The coarse grit and tough bond of the A24MX wheel make it an excellent choice for stock removal and deburring.

A36GX - A general-purpose wheel, the A36GX is excellent for grinding, finishing and blending.

A54GX - A finer grit than the A36GX, this wheel works well for the final stages of finishing, blending and polishing.

Dimensions (in) Dia. x Thk. x Arbor	Max RPM	Metal, Stainless, Alloys, Aluminum			Box Qty.
		A24MX	A36GX	A54GX	
4 x 1/4 x 5/8	13,500	20115	20116	20118	25
4-1/2 x 1/4 x 7/8	13,300	20185	20186	20188	25
7 x 1/4 x 7/8	8,500	20325	20326	20328	25



Hand Rubs

For Concrete Finishing

- For quick concrete removal and touch up
- Easy grip handle



CONCRETE:

C16 - This aggressive, extra coarse hand rub is perfect for removing concrete form marks and getting into difficult to reach areas.

C24 - A coarse rub, the C24 grit quickly delivers stock removal and is ideal on large surface areas.

Dimensions (in) Dia. x Thk. x Arbor	Grit Size	Box Qty.
6 x 3 x 1	X2004	1
8 x 3-1/2 x 1/2	- X2005	1

Type 11 Flaring Cupstones

For Grinding

METAL, STAINLESS:

A16QB - Ideal for snagging and cleaning of castings, and offhand grinding on flat surfaces.

ZA16PB - Premium zirconia grain provides extra fast stock removal on all ferrous metals.

ZA20PB - A zirconia spec, for extremely long life on all ferrous metals.

CONCRETE, MASONRY:

C16PB - For grinding and cleaning of concrete, masonry and stone.

NONFERROUS:

AC16QB - A special grain mix intended for grinding cast iron and aluminum.



Dimensions (in) Dia. x Thk. x Arbor	Max RPM	Metal, Stainless		Concrete, Masonry	Non Ferrous	Box Qty.
		A16QB	ZA16PB			
4 x 2 x 5/8-11	9,072	N4250*		N4255*		10
5 x 2 x 5/8-11	7,258	N5250*	N5265	N5255*	N5253	10
6 x 2 x 5/8-11	6,048	N6250*	N6265	N6270	N6255*	10

* These cupstones also available with full steel backing.
Add "S" to end of standard part number.

Type 1 Small Diameter Abrasive Wheels

For Cutting & Grinding

- Maximum Productivity
- Exceptional Value
- State-of-the-art Engineering



METAL, STAINLESS, ALLOYS

A60T, A46T, A36R - These reinforced wheels are designed for fast, burr-free cutting and notching, and work especially well on thin walled tube and pipe. The thinner the wheel, the faster the cut.

A36R, A36Q - For a variety of surface preparation jobs including weld grinding, burr removal and smoothing of steel and alloys.

- continues -

Type 1 Small Diameter Abrasive Wheels (continued)

Dimensions (in) Dia. x Thk. x Arbor	Max RPM	Metal, Stainless, Alloys				Box Qty.
		A60T	A46T	A36R	A36Q	
1 x .035 x 1/8	61,115	F0010	-	-	-	100
2 x .035 x 3/8*	30,558	F0110*	-	-	-	100
2 x 1/16 x 3/8*	30,558	-	F0120*	-	-	50
2 x 1/8 x 3/8*	30,558	-	-	F0140*	-	25
2 x 3/16 x 3/8	30,558	-	-	F0149	-	25
2 x 1/4 x 3/8*	30,558	-	-	-	F0159*	20
2 x 3/8 x 3/8	27,120	-	-	-	F0169	20
2 x 1/2 x 3/8*	27,120	-	-	-	F0179*	20
2-1/2 x .035 x 3/8	24,446	F0210	-	-	-	100
2-1/2 x 1/16 x 3/8*	24,446	-	F0220*	-	-	50
2-1/2 x 3/32 x 3/8	24,446	-	F0230	-	-	25
2-1/2 x 1/8 x 3/8*	24,446	-	-	F0240*	-	25
2-1/2 x 3/16 x 3/8	24,446	-	-	F0249	-	25
2-1/2 x 1/4 x 3/8	24,446	-	-	-	F0259	20
2-1/2 x 3/8 x 3/8	21,696	-	-	-	F0269	20
2-1/2 x 1/2 x 3/8	21,696	-	-	-	F0279	20
3 x .035 x 3/8*	25,000	F0310*	-	-	-	100
3 x 1/16 x 3/8	25,000	-	F0320*	-	-	50
3 x 1/8 x 3/8*	25,000	-	-	F0340*	-	25
3 x 3/16 x 3/8	20,372	-	-	F0349	-	25
3 x 1/4 x 3/8*	20,372	-	-	-	F0359*	20
3 x 3/8 x 3/8*	18,080	-	-	-	F0369*	20
3 x 1/2 x 3/8	18,080	-	-	-	F0379	20
4 x .035 x 3/8*	19,000	F0410*	-	-	-	100
4 x 1/16 x 3/8*	19,000	-	F0420*	-	-	50
4 x 3/32 x 3/8	19,000	-	F0430	-	-	25
4 x 1/8 x 3/8*	19,000	-	-	F0440*	-	25
4 x 3/16 x 3/8	15,278	-	-	F0449	-	25
4 x 1/4 x 3/8*	15,278	-	-	-	F0459*	20
4 x 3/8 x 3/8	13,560	-	-	-	F0469	20
4 x 1/2 x 3/8	13,560	-	-	-	F0479	20

*Also available w/a 1/4" arbor

Type 1 Thin Angle Grinder Cutoff Wheels

For Cutting Only

- Razor Sharp
- Cool, Fast Cuts
- Angle Grinder Compatible



METAL, STAINLESS:

A60SST, A60TB, A46RB50 - Extra Fast Cut-Razor thin profiles make these the fastest cutting specs for metal, stainless and alloys.

A36TB38 - Heavy Duty - For heavy duty metal and stainless applications, this 3/32" thick product delivers exceptionally long life and cool, free cutting action.

SHEET METAL:

A30VB39 - Heavy Duty - This specification is tough enough to resist the sharp edges of sheet metal products. Extremely long life in any metal application.

CONCRETE, MASONRY:

C30UB64 - Heavy Duty - Excellent performance in all concrete and masonry applications.

Dimensions (in) Dia. x Thk. x Arbor	Max RPM	Metal, Stainless			Sheet Metal Heavy Duty	Concrete Heavy Duty	Box/Crt.
		Extra Fast Cut	Heavy Duty	Heavy Duty			
4 x .040 x 5/8	19,000	-	F1005	-	-	50	
4 x 1/16 x 5/8	19,000	-	F1010	-	-	50	
4 x 3/32 x 5/8	19,000	-	-	F1041	-	50/250	
4-1/2 x .045 x 7/8	13,300	F1207	-	-	-	50/200	
4-1/2 x 3/32 x 7/8	13,300	-	-	F1243	-	25/100	
5 x .045 x 7/8	12,000	F1407	-	-	-	50/200	
5 x 3/32 x 7/8	12,000	-	-	F1445	-	25/100	
6 x .040 x 7/8	10,186	-	F1705	-	-	50	
6 x 1/16 x 7/8	10,186	-	F1710	-	-	50	
7 x 1/16 x 7/8	8,600	-	-	F2012	-	25	
7 x 3/32 x 7/8	8,600	-	-	F2170	-	25	
7 x 1/8 x 7/8	8,600	-	-	-	F2311	L2312	
9 x 3/32 x 7/8	6,800	-	-	F3165	-	50	
9 x 1/8 x 7/8	6,800	-	-	-	F3300	L3318	

*Type 1 Cutoff wheels must be mounted between properly relieved flanges of equal diameter and matching bearing surfaces. Such flanges must be at least 1/4 the wheel diameter. Right angle grinders may not come equipped with Type 1 flanges as standard equipment. Do not mount with Type 27 style flanges. Refer to A.N.S.I. Safety Code B7.1 for detailed information on proper mounting and guarding of Type 1 cutoff wheels.

Abrasives

Flexovit

Type 1 Circular Saw Wheels

For Cutting Only

- Maximum Productivity
- Exceptional Value
- State-of-the-Art Engineering

METAL, STAINLESS:

A36TB38 - Fast Cut - A general purpose wheel, ideal on carbon or stainless steel shapes or profiles. Provides fast cutting action.

CONCRETE:

C30UB64 - Heavy Duty - A general purpose concrete wheel, C30UB64 gives quick cuts on concrete, brick, block and other masonry products.



Type 1

Dimensions (in) Dia. x Thk. x Arbor	Max RPM	Metal, Stainless		Concrete Heavy Duty C30UB64	Box Qty.
		Fast Cut A36TB38	Heavy Duty		
6 x 3/32 x 5/8	10,000	F1751	-	-	25
6 x 1/8 x 5/8	10,000	-	-	L1845	25
6-1/2 x 3/32 x 5/8 (dia)	8,600	F1952	-	-	25
6-1/2 x 1/8 x 5/8 (dia)	8,600	-	-	L1950	25
7 x 3/32 x 5/8	8,600	F2155	-	-	25
7 x 3/32 x 5/8 (dia)	8,600	F2171	-	-	25
7 x 1/8 x 5/8	8,600	-	-	L2307	25
7 x 1/8 x 5/8 (dia)	8,600	-	-	L2311	25
8 x 3/32 x 5/8	7,500	F2670	-	-	25
8 x 3/32 x 5/8 (dia)	7,500	F2672	-	-	25
8 x 1/8 x 5/8	7,500	-	-	L2822	25
8 x 1/8 x 5/8 (dia)	7,500	-	-	L2826	25

Type 1 Circular Saw Wheels

For Cutting Only

- Job Focused
- Peak Performance

SHEET METAL:

A30VB39 - Long Life - The A30VB39 was developed for thin metal cutting, where sharp edges can cause faster wheel wear. This specification delivers maximum wheel life on sheet metal, siding and roof decking.

STAINLESS STEEL:

A46RB50 - Free Cut - The A46RB50 provides fast and cool cutting on stainless steel. The 1/16" thickness maximizes performance.

Dimensions (in) Dia. x Thk. x Arbor	Max RPM	Sheet Metal		Box Qty.
		Long Life A30VB39	Free Cut A46RB50	
7 x 1/16 x 5/8	8,600	-	F2010	25
7 x 1/8 x 5/8	8,600	F2300	-	25
7 x 1/8 x 5/8 (DIA)	8,600	F2312	-	25
8 x 1/16 x 5/8	7,500	-	F2510	25
8 x 1/8 x 5/8	7,500	F2790	-	25
8 x 1/8 x 5/8 (DIA)	7,500	F2791	-	25



Type 1

Type 1 High Speed Gas & Electric Saw Wheels

For Cutting Only

- Maximum Productivity
- Exceptional Value
- State-of-the-art Engineering

STEEL:

A24/30SB - Heavy Duty - A durable, hard working blade for a variety of metal cutting applications on the job site. Excellent for rebar, steel pipe, sheet metal and structural steel or stainless.

CONCRETE:

C30UB - Heavy Duty - The contractors' choice for all-around performance when cutting concrete and masonry products, including brick, block and pipe. Also cuts PVC and ductile iron pipe (for best results on ductile, see Specialist AC24SB-Ductile, Cast Iron).

- continues -



Type 1

Type 1 High Speed Gas & Electric Saw Wheels (continued)

Dimensions (in) Dia. x Thk. x Arbor	Max RPM	Steel		Concrete Heavy Duty C30UB	Box Qty.
		Heavy Duty A24/30SB	Heavy Duty		
12 x 1/8 x 20mm	6,300	F5078	L5315	-	10
12 x 1/8 x 7/8	6,300	F5286	L5316	-	10
12 x 1/8 x 1	6,300	F5292	L5317	-	10
14 x 1/8 x 20mm	5,460	F5653	L5703	-	10
14 x 1/8 x 7/8	5,400	F5650	L5708	-	10
14 x 1/8 x 1	5,400	F5687	L5727	-	10

Type 1 High Speed Gas & Electric Saw Wheels

For Cutting Only

- Job Focused
- Peak Performance

SHEET METAL, DECKING:

A24TB - Long Life - Built to withstand the wear of sharp metal edges; this blade stands up to sheet metal, roof decking and auto dismantling jobs.

RAILTRACK:

A30PB - Extra Fast Cut - Designed for rail cropping. Straight, fast cuts on all sizes and weights of rail.

DUCTILE, CAST IRON:

AC24SB - Heavy Duty - For sewer and water construction and maintenance. Cuts ductile iron, cast iron and concrete lined pipe.

ASPHALT, GREEN CONCRETE:

C16UB - Long Life - Made of extra coarse silicon carbide; C16UB provides aggressive free cutting action, in a wide range of aggregates.

PRESTRESSED CONCRETE:

C30SB - Heavy Duty - Designed for extra fast cutting in prestressed concrete.

Dimensions (in) Dia. x Thk. x Arbor	Max RPM	Sheet Metal Decking Long Life	Rail Track Extra Fast Cut	Ductile Cast Iron Heavy Duty	Asphalt Gr. Concrete Long Life	Prestressed Concrete Heavy Duty	Box Qty.
		A24TB	A30PB	AC24SB	C16UB	C30SB	
12 x 1/8 x 20mm	6,300	-	-	L5017	-	L5310	10
12 x 1/8 x 7/8	6,300	-	-	L5018	-	-	10
12 x 1/8 x 1	6,300	-	F5098	L5019	-	L5312	10
12 x 5/32 x 20mm	6,300	F5293	-	-	L5330	-	10
12 x 5/32 x 7/8	6,300	F5299	-	-	L5332	-	10
12 x 5/32 x 1	6,300	F5314	-	-	L5334	-	10
14 x 1/8 x 20mm	5,460	-	-	L5617	-	-	10
14 x 1/8 x 7/8	5,400	-	-	L5618	-	-	10
14 x 1/8 x 1	5,400	-	F5681	L5619	-	-	10
14 x 5/32 x 20mm	5,460	F5693	-	-	L5710	-	10
14 x 5/32 x 1	5,400	F5614	-	-	L5712	-	10
16 x 1/8 x 1	4,500	-	F6681	-	-	-	10

Type 1 Chopsaw/Miter Saw Wheels

For Cutting Only

- Maximum Productivity
- Exceptional Value
- State-of-the-Art Engineering

METAL, STAINLESS:

A30RB - Fast Cut - An optimum mix of cutting speed and wheel life make this an excellent "general purpose" wheel for profiles and solids in carbon or alloy steels.

A30SB - Long Life - Extended wheel life, particularly for lighter gauge cutting in steel and alloys.

C30UB - Heavy Duty - Excellent for cutting tiles, concrete blocks and brick.

Dimensions (in) Dia. x Thk. x Arbor	Max RPM	Metal, Stainless		Concrete Heavy Duty C30UB	Box Qty.
		Fast Cut A30RB	Long Life A30SB		
10 x 3/32 x 5/8	6,112	-	F3579	-	10
10 x 1/8 x 5/8	6,112	F3941	-	L3818	10
12 x 3/32 x 1	5,092	F4818	F4808	-	10
14 x 3/32 x 1	4,365	F5521	F5527	-	10
16 x 3/32 x 1	3,820	F6521	-	-	10



Type 1

Flexovit

Type 1 Chopsaw/Miter Saw Wheels

For Cutting Only

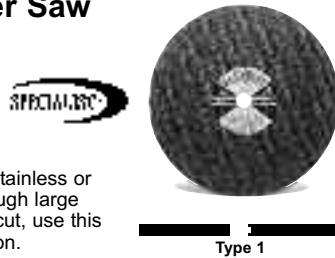
- Job Focused
- Peak Performance

STAINLESS:

A30QB - Free Cut - When cutting stainless or other hard alloys, or for getting through large solids without bogging down in the cut, use this exceptionally fast cutting specification.

DRYWALL STUD

A30TB - Clean Cut - Stands up to the wearing action of sharp metal edges. This wheel cuts more drywall bundles per dollar than any other product.



Type 1

Dimensions (in) Dia. x Thk. x Arbor	Max RPM	Stainless Free Cut A30QB	Drywall Stud Clean Cut, Max Life A30TB	Box Qty.
12 x 3/32 x 1	5,092	F4819		10
14 x 3/32 x 1	4,365	F5523		10
14 x 3/32 x 1	4,366		F5528	10
16 x 5/32 x 1	3,820		F6579	10

Type 1 Stationary Saw Wheels

For Cutting Only

- Maximum Productivity
- Exceptional Value
- State-of-the-Art Engineering

METAL, STAINLESS

A30RB - Multi Purpose - This fast cutting wheel is ideal on solids, structural steel, bar stock and other profiles in steel, stainless steel or other alloys.

A30SB - Long Life - For higher horsepower machines, this wheel is the best choice for cutting lighter solids and profiles in carbon, stainless steel or other alloys.



Dimensions (in) Dia. x Thk. x Arbor	Max RPM	Metal, Stainless		Box Qty.
		Multi Purpose A30RB	Long Life A30SB	
10 x 3/32 x 5/8	6,112		F3579	10
10 x 3/32 x 1	6,112		F3583	10
10 x 1/8 x 5/8	6,112	F3941		10
10 x 1/8 x 1	6,112	F3966		10
12 x 1/8 x 1	5,092	F5231	F5241	10
14 x 1/8 x 1	4,365	F5836		10
16 x 5/32 x 1	3,820	F6861	F6873	10
18 x 3/16 x 1	3,396	F8371		10
20 x 1/8 x 1	3,066	F9241		10
20 x 3/16 x 1	3,066	F9242	F9232	10
20 x 7/32 x 1	3,066	F9010		10
20 x 7/32 x 40mm	3,066	F9011		10
22 x 3/16 x 1	2,460		F9300	5
24 x 1/4 x 1	2,260		F9791	5
26 x 1/4 x 1-1/2	2,080		F9911	5

Type 1 Stationary Saw Wheels

For Cutting Only

- Job Focused
- Peak Performance

METAL, STAINLESS TUBE

A24TB - Long Life - Best choice on thin walled metals and tubing.

IRON, NONFERROUS

AC24PB - This load resistant cutting wheel gives superior performance on nonferrous metals such as bronze, brass and aluminum. Free and easy cutting.



Type 1

Dimensions (in) Dia. x Thk. x Arbor	Max RPM	Metal, Stainless Steel	Iron, Nonferrous	Box Qty.
		Long Life A24TB	AC24PB	
16 x 3/16 x 1	3,820		F6501	10
16 x 5/32 x 1	3,820	F6579		10
20 x 7/32 x 1	3,066		F9255	10

Type 27 & 29 Super Flap Discs

For Grinding & Finishing

- Efficient
- Versatile
- Easy to Use

PREMIUM

Zirconia Alumina - Our most productive and efficient super flap disc. Ideal for high production grinding, blending, deburring and finishing. Performs well on a variety of materials, including carbon, stainless steel, aluminum and fiberglass. Resists loading and outlasts aluminum oxide grain by 2:1.

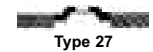
Select the new Zircotex extra thick, high-density disc for long life.



ZIRCOTEX[®] PREMIUM

Zirconia Alumina with Fiberglass Backing Plate

Dim. (in) Dia. x Arbor	Max RPM	ZA40	ZA60	ZA80	Box Qty.
4-1/2 x 7/8	13,300	ZA532F	ZA537F	ZA542F	10



Type 27

ZIRCOTEX[®] PREMIUM

Zirconia Alumina with Fiberglass Backing Plate

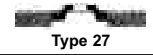
Dim. (in) Dia. x Arbor	Max RPM	ZA24	ZA40	ZA60	ZA80	ZA120	Box Qty.
4 x 5/8	15,000	Z4001F	Z4000F	Z4005F	Z4010F	Z4020F	10
4-1/2 x 7/8	13,300	Z4501F	Z4500F	Z4505F	Z4510F	Z4520F	10
4-1/2 x 5/8-11	13,300	Z4501FH	Z4500FH	Z4505FH	Z4510FH	Z4520FH	10
5 x 7/8	12,000	Z5001F	Z5000F	Z5005F	Z5010F	Z5020F	10
7 x 7/8	8,600	Z7001F	Z7000F	Z7005F	Z7010F	Z7020F	10
7 x 5/8-11	8,600	Z7001FH	Z7000FH	Z7005FH	Z7010FH	Z7020FH	10



Type 29

Zirconia Alumina with Fiberglass Backing Plate

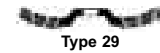
Dim. (in) Dia. x Arbor	Max RPM	ZA24	ZA40	ZA60	ZA80	ZA120	Box Qty.
4 x 5/8	15,000	Z4025F	Z4030F	Z4035F	Z4040F	Z4045F	10
4-1/2 x 7/8	13,300	Z4525F	Z4530F	Z4535F	Z4540F	Z4545F	10
4-1/2 x 5/8-11	13,300	Z4525FH	Z4530FH	Z4535FH	Z4540FH	Z4545FH	10
5 x 7/8	12,000	Z5025F	Z5030F	Z5035F	Z5040F	Z5045F	10
7 x 7/8	8,600	Z7025F	Z7030F	Z7035F	Z7040F	Z7045F	10
7 x 5/8-11	8,600	Z7025FH	Z7030FH	Z7035FH	Z7040FH	Z7045FH	10



Type 27

Zirconia Alumina with Aluminum Backing Plate

Dim. (in) Dia. x Arbor	Max RPM	ZA24	ZA40	ZA60	ZA80	ZA120	Box Qty.
4-1/2 x 7/8	13,300	Z4501	Z4500	Z4505	Z4510	Z4520	10
4-1/2 x 5/8-11	13,300	Z4501H	Z4500H	Z4505H	Z4510H	Z4520H	10
7 x 7/8	8,600	Z7000	Z7000	Z7005	Z7010		10
7 x 5/8-11	8,600		Z7000H	Z7005H	Z7010H		10



Type 29

Abrasives

Flexovit/Metabo

Type 27 & 29 Super Flap Discs
For Grinding & Finishing

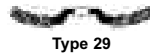
HIGH PERFORMANCE

Zirconia Alumina - Recommended for medium to high production applications. Works very well on both ferrous and nonferrous metals. Provides aggressive stock removal rates.

Aluminum Oxide - Good for finishing and jobs that do not require extensive material removal.



ZIRCOTEX[®] HIGH PERFORMANCE
Zirconia Alumina with Fiberglass Backing Plate



Dim. (in) Dia. x Arbor	Max RPM	ZA24	ZA40	ZA60	ZA80	ZA120	Box Qty.
4 x 5/8	15,000	Z4201F	Z4200F	Z4205F	Z4210F	Z4220F	10
4-1/2 x 7/8	13,300	Z4701FH	Z4700FH	Z4705FH	Z4710FH	Z4720FH	10
4-1/2 x 5/8-11	13,300	Z4701FH	Z4700FH	Z4705FH	Z4710FH	Z4720FH	10
5 x 7/8	12,000	Z5201F	Z5200F	Z5205F	Z5210F	Z5220F	10
7 x 7/8	8,600	Z7201F	Z7200F	Z7205F	Z7210F	Z7220F	10
7 x 5/8-11	8,600	Z7201FH	Z7200FH	Z7205FH	Z7210FH	Z7220FH	10

Zirconia Alumina with Fiberglass Backing Plate

Type 27

Dim. (in) Dia. x Arbor	Max RPM	ZA24	ZA40	ZA60	ZA80	ZA120	Box Qty.
4 x 5/8	15,000	Z4225F	Z4230F	Z4235F	Z4240F	Z4245F	10
4-1/2 x 7/8	13,300	Z4725F	Z4730F	Z4735F	Z4740F	Z4745F	10
4-1/2 x 5/8-11	13,300	Z4725FH	Z4730FH	Z4735FH	Z4740FH	Z4745FH	10
5 x 7/8	12,000	Z5225F	Z5230F	Z5235F	Z5240F	Z5245F	10
7 x 7/8	8,600	Z7225F	Z7230F	Z7235F	Z7240F	Z7245F	10
7 x 5/8-11	8,600	Z7225FH	Z7230FH	Z7235FH	Z7240FH	Z7245FH	10

Aluminum Oxide with Fiberglass Backing Plate

Type 29

Dim. (in) Dia. x Arbor	Max RPM	A24	A40	A60	A80	A120	Box Qty.
4 x 5/8	15,000	Z4060F	Z4060F	Z4065F	Z4070F	Z4075F	10
4-1/2 x 7/8	13,300	Z4555F	Z4560F	Z4565F	Z4570F	Z4575F	10
4-1/2 x 5/8-11	13,300	Z4555FH	Z4560FH	Z4565FH	Z4570FH	Z4575FH	10
5 x 7/8	12,000	Z7055F	Z7060F	Z7065F	Z7070F	Z7075F	10
7 x 7/8	8,600	Z7055F	Z7060F	Z7065F	Z7070F	Z7075F	10
7 x 5/8-11	8,600	Z7055FH	Z7060FH	Z7065FH	Z7070FH	Z7075FH	10

Aluminum Oxide with Fiberglass Backing Plate

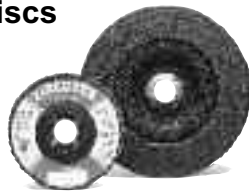
Type 27

Dim. (in) Dia. x Arbor	Max RPM	A24	A40	A60	A80	A120	Box Qty.
4 x 5/8	15,000	Z4080F	Z4085F	Z4090F	Z4095F	Z4097F	10
4-1/2 x 7/8	13,300	Z4580F	Z4585F	Z4590F	Z4595F	Z4597F	10
4-1/2 x 5/8-11	13,300	Z4580FH	Z4585FH	Z4590FH	Z4595FH	Z4597FH	10
5 x 7/8	12,000	Z7080F	Z7085F	Z7090F	Z7095F	Z7097F	10
7 x 7/8	8,600	Z7080F	Z7085F	Z7090F	Z7095F	Z7097F	10
7 x 5/8-11	8,600	Z7080FH	Z7085FH	Z7090FH	Z7095FH	Z7097FH	10

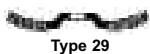
Type 27 & 29 Super Flap Discs
For Grinding & Finishing

STANDARD

Zirconia Alumina - An economically priced product; Zircotex Standard is ideal for all ferrous and nonferrous grinding/finishing applications.



ZIRCOTEX[®] STANDARD
Zirconia Alumina with Fiberglass Backing Plate



Dim. (in) Dia. x Arbor	Max RPM	ZA24	ZA40	ZA60	ZA80	ZA120	Box Qty.
4-1/2 x 7/8	13,300	Z4601F	Z4600F	Z4605F	Z4610F	Z4620F	10
4-1/2 x 5/8-11	13,300	Z4601FH	Z4600FH	Z4605FH	Z4610FH	Z4620FH	10
7 x 7/8	8,600	Z7101F	Z7100F	Z7105F	Z7110F	Z7120F	10
7 x 5/8-11	8,600	Z7101FH	Z7100FH	Z7105FH	Z7110FH	Z7120FH	10

Metabo

Type 27 Depressed Center Grinding Wheels



A 36 O - Aluminum oxide wheel specially formulated for harder metals such as stainless steel. Good stock removal. Good wheel life.

A 24 N - Aluminum oxide general purpose wheel for grinding steel and other ferrous metals in normal working conditions. High stock removal. Shorter wheel life.

A 24 R - Aluminum oxide general purpose wheel for heavier working conditions for steel and other ferrous metals. Good stock removal. Longer wheel life.

A 24 T - Aluminum oxide general purpose wheel for steel and other ferrous metals. Extremely long wheel life.

ZA 24 T - Zirconia alumina wheels for steel and stainless steel applications. Very aggressive stock removal. Extremely long wheel life.

A 36 M - Aluminum oxide wheel formulated for aluminum grinding applications. Good stock removal. Good wheel life. Non clogging capability.

C 2A N - Silicon carbide general purpose wheel for stone, concrete, cast iron, ductile iron, masonry materials, non-ferrous metals, brass, bronze, etc. High stock removal. Good wheel life.

Order No.	Size (in)	Spec.	Application	Max. RPM	Pcs/Pkg
Aluminum Oxide - Small Grinders					
16.325	3 x 1/4 x 3/8	A 36 O	Stainless Steel	20,500	25
16.735	4 x 3/16 x 5/8	A 36 O	Stainless Steel	15,300	25
16.339	4 x 1/4 x 3/8	A 24 R	Steel	15,300	25
16.745	4 x 1/4 x 5/8	A 24 N	Steel	15,300	25
16.330	4 x 1/4 x 5/8	A 24 R	Steel	15,300	25
16.726	4-1/2 x 1/4 x 7/8	A 24 N	Steel	13,300	25
55.726	4-1/2 x 1/4 x 5/8-11	A 24 N	Steel	13,300	25
16.307	4-1/2 x 1/4 x 7/8	A 24 R	Steel	13,300	25
55.307	4-1/2 x 1/4 x 5/8-11	A 24 R	Steel	13,300	25
16.275	4-1/2 x 1/4 x 7/8	A 24 T	Steel	13,300	25
55.275	4-1/2 x 1/4 x 5/8-11	A 24 T	Steel	13,300	25
16.739	4-1/2 x 1/4 x 7/8	A 36 O	Stainless Steel	13,300	25
16.730	5 x 1/4 x 7/8	A 24 N	Steel	12,300	25
55.730	5 x 1/4 x 5/8-11	A 24 N	Steel	12,300	25
16.308	5 x 1/4 x 7/8	A 24 R	Steel	12,300	25
55.308	5 x 1/4 x 5/8-11	A 24 R	Steel	12,300	25
16.747	5 x 1/4 x 7/8	A 36 O	Stainless Steel	12,300	25
16.486	5 x 1/4 x 7/8	A 24 T	Steel	12,300	25
16.554	6 x 1/4 x 7/8	A 24 N	Steel	10,200	25
55.554	6 x 1/4 x 5/8-11	A 24 N	Steel	10,200	25
16.319	6 x 1/4 x 7/8	A 24 R	Steel	10,200	25
55.319	6 x 1/4 x 5/8-11	A 24 R	Steel	10,200	25
16.604	6 x 1/4 x 7/8	A 36 O	Stainless Steel	10,200	25
Aluminum Oxide - Steel & Stainless Steel - Large Grinders					
16.560	7 x 1/4 x 7/8	A 24 N	Steel	8,500	10
55.560	7 x 1/4 x 5/8-11	A 24 N	Steel	8,500	10
16.782	7 x 1/4 x 7/8	A 24 R	Steel	8,500	10
55.782	7 x 1/4 x 5/8-11	A 24 R	Steel	8,500	10
16.277	7 x 1/4 x 7/8	A 24 T	Steel	8,500	10
55.277	7 x 1/4 x 5/8-11	A 24 T	Steel	8,500	10
16.610	7 x 1/4 x 7/8	A 36 O	Stainless Steel	8,500	10
55.610	7 x 1/4 x 5/8-11	A 36 O	Stainless Steel	8,500	10
16.572	9 x 1/4 x 7/8	A 24 N	Steel	6,600	10
55.572	9 x 1/4 x 5/8-11	A 24 N	Steel	6,600	10
16.784	9 x 1/4 x 7/8	A 24 R	Steel	6,600	10
55.784	9 x 1/4 x 5/8-11	A 24 R	Steel	6,600	10
16.279	9 x 1/4 x 7/8	A 24 T	Steel	6,600	10
55.279	9 x 1/4 x 5/8-11	A 24 T	Steel	6,600	10
16.622	9 x 1/4 x 7/8	A 36 O	Stainless Steel	6,600	10
55.622	9 x 1/4 x 5/8-11	A 36 O	Stainless Steel	6,600	10
Zirconia Alumina - Steel & Stainless Steel - Small Grinders					
16.791	4 x 1/4 x 3/8	ZA 24 T	Steel / Stainless Steel	15,300	25
16.797	4 x 1/4 x 5/8	ZA 24 T	Steel / Stainless Steel	15,300	25
16.785	4-1/2 x 1/4 x 7/8	ZA 24 T	Steel / Stainless Steel	13,300	25
55.785	4-1/2 x 1/4 x 5/8-11	ZA 24 T	Steel / Stainless Steel	13,300	25
16.786	5 x 1/4 x 7/8	ZA 24 T	Steel / Stainless Steel	12,300	25
55.786	5 x 1/4 x 5/8-11	ZA 24 T	Steel / Stainless Steel	12,300	25
16.787	6 x 1/4 x 7/8	ZA 24 T	Steel / Stainless Steel	10,200	25
55.787	6 x 1/4 x 5/8-11	ZA 24 T	Steel / Stainless Steel	10,200	25
Zirconia Alumina - Steel & Stainless Steel - Large Grinders					
16.788	7 x 1/4 x 7/8	ZA 24 T	Steel / Stainless Steel	8,500	10
55.788	7 x 1/4 x 5/8-11	ZA 24 T	Steel / Stainless Steel	8,500	10
16.789	9 x 1/4 x 7/8	ZA 24 T	Steel / Stainless Steel	6,600	10
55.789	9 x 1/4 x 5/8-11	ZA 24 T	Steel / Stainless Steel	6,600	10

Metabo

Type 27 Depressed Center Cutting Wheels (continued)

Order No.	Size (in)	Spec.	Application	Max. RPM	Pcs/ Pkg
Aluminum Oxide - Aluminum - Small Grinders					
16.748	4-1/2 x 1/4 x 7/8	A 36 M	Aluminum	13,300	25
16.749	5 x 1/4 x 7/8	A 36 M	Aluminum	12,300	25
16.754	6 x 1/4 x 7/8	A 36 M	Aluminum	10,200	25
Aluminum Oxide - Aluminum - Large Grinders					
16.760	7 x 1/4 x 7/8	A 36 M	Aluminum	8,500	10
55.760	7 x 1/4 x 5/8-11	A 36 M	Aluminum	8,500	10
16.763	9 x 1/4 x 7/8	A 36 M	Aluminum	6,600	10
55.763	9 x 1/4 x 5/8-11	A 36 M	Aluminum	6,600	10
Silicon Carbide - Masonry & Non-Ferrous - Small Grinders					
16.746	4 x 1/4 x 5/8	C 24 N	Masonry / Non-Ferrous	15,300	25
16.729	4-1/2 x 1/4 x 7/8	C 24 N	Masonry / Non-Ferrous	13,300	25
55.729	4-1/2 x 1/4 x 5/8-11	C 24 N	Masonry / Non-Ferrous	13,300	25
16.731	5 x 1/4 x 7/8	C 24 N	Masonry / Non-Ferrous	12,300	25
16.654	6 x 1/4 x 7/8	C 24 N	Masonry / Non-Ferrous	10,200	25
Silicon Carbide - Masonry & Non-Ferrous - Large Grinders					
16.660	7 x 1/4 x 7/8	C 24 N	Masonry / Non-Ferrous	8,500	10
55.660	7 x 1/4 x 5/8-11	C 24 N	Masonry / Non-Ferrous	8,500	10
16.672	9 x 1/4 x 7/8	C 24 N	Masonry / Non-Ferrous	6,600	10
55.672	9 x 1/4 x 5/8-11	C 24 N	Masonry / Non-Ferrous	6,600	10



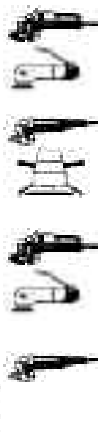
Type 27 Pipeline Cutting and Light Grinding Wheels

A 24 T – Aluminum oxide general purpose wheel for steel and other ferrous metals. Extremely long wheel life.

ZA 24 T – Zirconia alumina wheels for steel and stainless steel applications. Very aggressive stock removal. Extremely long wheel life.



Order No.	Size (in)	Spec.	Application	Max. RPM	Pcs/ Pkg
Aluminum Oxide - Steel & Stainless Steel - Small Grinders					
16.281	4-1/2 x 1/8 x 7/8	A 24 T	Steel / Stainless Steel	13,300	25
55.281	4-1/2 x 1/8 x 5/8-11	A 24 T	Steel / Stainless Steel	13,300	25
Aluminum Oxide - Steel & Stainless Steel - Large Grinders					
16.282	7 x 1/8 x 7/8	A 24 T	Steel / Stainless Steel	8,500	10
55.282	7 x 1/8 x 5/8-11	A 24 T	Steel / Stainless Steel	8,500	10
16.284	9 x 1/8 x 7/8	A 24 T	Steel / Stainless Steel	6,600	10
55.284	9 x 1/8 x 5/8-11	A 24 T	Steel / Stainless Steel	6,600	10
Zirconia Alumina - Steel & Stainless Steel - Small Grinders					
16.793	4 x 1/8 x 3/8	ZA 24 T	Steel / Stainless Steel	15,300	25
16.792	4-1/2 x 1/8 x 7/8	ZA 24 T	Steel / Stainless Steel	13,300	25
55.792	4-1/2 x 1/8 x 5/8-11	ZA 24 T	Steel / Stainless Steel	13,300	25
16.794	6 x 1/8 x 7/8	ZA 24 T	Steel / Stainless Steel	10,200	25
55.794	6 x 1/8 x 5/8-11	ZA 24 T	Steel / Stainless Steel	10,200	25
Zirconia Alumina - Steel & Stainless Steel - Large Grinders					
16.795	7 x 1/8 x 7/8	ZA 24 T	Steel / Stainless Steel	8,500	10
55.795	7 x 1/8 x 5/8-11	ZA 24 T	Steel / Stainless Steel	8,500	10
16.796	9 x 1/8 x 7/8	ZA 24 T	Steel / Stainless Steel	6,600	10
55.796	9 x 1/8 x 5/8-11	ZA 24 T	Steel / Stainless Steel	6,600	10



Type 27 Depressed Center Cutting Wheels

A 30 P – Aluminum oxide wheel specially formulated for harder metals such as stainless steel. Good rate of cut. Good wheel life.

A 30 R – Aluminum oxide general purpose wheel for heavier working conditions for steel and other ferrous metals. Very fast rate of cut. Good wheel life.

C 30 S – Silicon carbide general purpose wheel for stone, concrete, cast iron, ductile iron, masonry materials, non-ferrous metals, brass, bronze, etc. Good rate of cut. Good wheel life.



Order No.	Size (in)	Spec.	Application	Max. RPM	Pcs/ Pkg
Aluminum Oxide - Steel & Stainless Steel - Small Grinders					
16.305	4 x 3/32 x 5/8	A 30 R	Steel	19,000	25
16.328	4 x 3/32 x 3/8	A 30 R	Steel	19,000	25
16.727	4-1/2 x 3/32 x 7/8	A 30 R	Steel	13,300	25
55.727	4-1/2 x 3/32 x 5/8-11	A 30 R	Steel	13,300	25
16.737	4-1/2 x 3/32 x 7/8	A 30 P	Stainless Steel	13,300	25
16.310	5 x 3/32 x 7/8	A 30 R	Steel	12,300	25
55.310	5 x 3/32 x 5/8-11	A 30 R	Steel	12,300	25
16.313	6 x 1/8 x 7/8	A 30 R	Steel	10,200	25
16.314	6 x 1/8 x 7/8	A 30 P	Stainless Steel	10,200	25



Order No.	Size (in)	Spec.	Application	Max. RPM	Pcs/ Pkg
Aluminum Oxide - Steel & Stainless Steel - Large Grinders					
16.300	7 x 1/8 x 7/8	A 30 R	Steel	8,500	10
55.300	7 x 1/8 x 5/8-11	A 30 R	Steel	8,500	10
16.299	7 x 1/8 x 7/8	A 30 P	Stainless Steel	8,500	10
55.299	7 x 1/8 x 5/8-11	A 30 P	Stainless Steel	8,500	10
16.302	9 x 1/8 x 7/8	A 30 R	Steel	6,600	10
55.302	9 x 1/8 x 5/8-11	A 30 R	Steel	6,600	10
Silicon Carbide - Masonry & Non-Ferrous - Small Grinders					
16.306	4 x 3/32 x 5/8	C 30 S	Masonry / Non-Ferrous	19,000	25
16.728	4-1/2 x 3/32 x 7/8	C 30 S	Masonry / Non-Ferrous	13,300	25
16.312	5 x 3/32 x 7/8	C 30 S	Masonry / Non-Ferrous	12,300	25
55.312	5 x 3/32 x 5/8-11	C 30 S	Masonry / Non-Ferrous	12,300	25
Silicon Carbide - Masonry & Non-Ferrous - Large Grinders					
16.301	7 x 1/8 x 7/8	C 30 S	Masonry / Non-Ferrous	8,500	10
55.301	7 x 1/8 x 5/8-11	C 30 S	Masonry / Non-Ferrous	8,500	10
16.303	9 x 1/8 x 7/8	C 30 S	Masonry / Non-Ferrous	6,600	10
55.303	9 x 1/8 x 5/8-11	C 30 S	Masonry / Non-Ferrous	6,600	10



Type 1 "SLICER" Cutting Wheels

60 TZ – Aluminum oxide wheel for steel and other ferrous metals. Extremely fast rate of cut. Good wheel life.

36 TZ – Aluminum oxide wheel for steel and other ferrous metals. Fast rate of cut. Longer wheel life.



Order No.	Size (in)	Spec.	Application	Max. RPM	Pcs/ Pkg
Aluminum Oxide - SLICER Wheels - Steel & Stainless Steel - Small Grinders					
55.316	3 x .040 x 1/4	A 60 TZ	Steel / Stainless Steel	25,000	100
55.317	3 x .040 x 3/8	A 60 TZ	Steel / Stainless Steel	25,000	100
55.318	3 x 1/16 x 1/4	A 36 TZ	Steel / Stainless Steel	25,000	100
55.358	3 x 1/16 x 1/4	A 60 TZ	Steel / Stainless Steel	25,000	100
55.320	3 x 1/16 x 3/8	A 36 TZ	Steel / Stainless Steel	25,000	100
55.321	3 x 1/16 x 3/8	A 60 TZ	Steel / Stainless Steel	25,000	100
55.322	4 x .040 x 1/4	A 60 TZ	Steel / Stainless Steel	22,000	50
55.323	4 x .040 x 3/8	A 60 TZ	Steel / Stainless Steel	22,000	50
55.324	4 x .040 x 5/8	A 60 TZ	Steel / Stainless Steel	22,000	50
55.325	4 x 1/16 x 1/4	A 36 TZ	Steel / Stainless Steel	19,000	100
55.326	4 x 1/16 x 1/4	A 60 TZ	Steel / Stainless Steel	19,000	100
55.327	4 x 1/16 x 3/8	A 36 TZ	Steel / Stainless Steel	19,000	100
55.328	4 x 1/16 x 3/8	A 60 TZ	Steel / Stainless Steel	19,000	100
55.329	4 x 1/16 x 5/8	A 36 TZ	Steel / Stainless Steel	19,000	100
55.330	4 x 1/16 x 5/8	A 60 TZ	Steel / Stainless Steel	19,000	100
55.331	4-1/2 x .040 x 7/8	A 60 TZ	Steel / Stainless Steel	15,000	100
55.332	4-1/2 x 1/16 x 7/8	A 36 TZ	Steel / Stainless Steel	15,000	100
55.333	4-1/2 x 1/16 x 7/8	A 60 TZ	Steel / Stainless Steel	15,000	100
55.334	5 x .040 x 7/8	A 60 TZ	Steel / Stainless Steel	12,225	50
55.335	5 x 1/16 x 7/8	A 36 TZ	Steel / Stainless Steel	12,225	50
55.336	5 x 1/16 x 7/8	A 60 TZ	Steel / Stainless Steel	12,225	50
55.999	6 x .040 x 3/8	A 60 TZ	Steel / Stainless Steel	14,000	50
55.338	6 x .040 x 5/8	A 60 TZ	Steel / Stainless Steel	10,200	50
55.339	6 x .040 x 7/8	A 60 TZ	Steel / Stainless Steel	10,200	50
55.342	6 x 1/16 x 5/8	A 36 TZ	Steel / Stainless Steel	10,200	25
55.343	6 x 1/16 x 5/8	A 60 TZ	Steel / Stainless Steel	10,200	25
55.344	6 x 1/16 x 7/8	A 36 TZ	Steel / Stainless Steel	10,200	25
55.345	6 x 1/16 x 7/8	A 60 TZ	Steel / Stainless Steel	10,200	25
Combo Mandrel					
55.168	1/4 x 1/4 and 3/8				



Abrasives

Metabo

Type 1 Cutting Wheels - High Speed Saws

A 24 N – Aluminum oxide wheels general purpose for steel and other ferrous steels. Fast rate of cut. Good wheel life

C 24 N – Silicon carbide general purpose wheel for stone, concrete, cast iron, ductile iron, masonry materials, non-ferrous metals, brass, bronze, plastic, etc. Fast rate of cut. Good wheel life.

AC 24 R – Aluminum oxide and Silicon carbide combination wheel specially formulated for ductile iron. Excellent rate of cut. Excellent wheel life. Smooth and chatter free cutting.

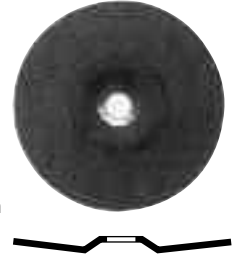


Order No.	Size (in)	Spec.	Application	Max. RPM	Pcs/Pkg
Aluminum Oxide - Steel - High Speed Saws					
16.136	12 x 1/8 x 20mm	A 24 N	Steel	6,400	10
16.137	12 x 1/8 x 1	A 24 N	Steel	6,400	10
16.139	14 x 1/8 x 20mm	A 24 N	Steel	5,400	10
16.140	14 x 1/8 x 1	A 24 N	Steel/Rail Track	5,400	10
Silicon Carbide - Masonry/Asphalt/Non-Ferrous Metals - High Speed Saws					
16.156	12 x 1/8 x 20mm	C 24 N	Masonry/Non-Ferrous	6,400	10
16.157	12 x 1/8 x 1	C 24 N	Masonry/Non-Ferrous	6,400	10
16.164	12 x 1/8 x 20mm	C 16 N	Asphalt	6,400	10
16.158	12 x 1/8 x 1	C 16 N	Asphalt	6,400	10
16.160	14 x 1/8 x 20mm	C 24 N	Masonry/Non-Ferrous	5,400	10
16.159	14 x 1/8 x 1	C 24 N	Masonry/Non-Ferrous	5,400	10
16.165	14 x 1/8 x 20mm	C 16 N	Asphalt	5,400	10
16.161	14 x 1/8 x 1	C 16 N	Asphalt	5,400	10
Aluminum Oxide/Silicon Carbide Combination - Ductile Iron - High Speed Saws					
16.168	12 x 1/8 x 20mm	AC 24 R	Ductile Iron	6,400	10
16.138	12 x 1/8 x 1	AC 24 R	Ductile Iron	6,400	10
16.142	14 x 1/8 x 20mm	AC 24 R	Ductile Iron	5,400	10
16.149	14 x 1/8 x 1	AC 24 R	Ductile Iron	5,400	10



Type 29 "Z" Wheels

The "Z" wheel is a semi-flexible grinding and blending wheel for right angle grinders. It provides excellent grinding and finishing capabilities in one wheel. It flexes to follow contour surfaces and removes material smoothly with no gouging or loading. For use on all ferrous metals, non-ferrous metals, and plastics. Choose A24 or A36 for faster stock removal and a smooth finish. Choose A60 or A 100 for good stock removal and an even smoother finish. Note: For proper performance the appropriate, specially designed "Z" wheel backing pad must be used.



Order No.	Size (in)	Spec.	Application	Max. RPM	Pcs/Pkg
Aluminum Oxide - All Ferrous Non-Ferrous Metals & Plastic - Small Grinders					
55.085	4-1/2 x 5/32 x 7/8	A 36	Steel/Plastic	13,280	25
55.086	4-1/2 x 5/32 x 7/8	A 60	Steel/Plastic	13,280	25
55.087	4-1/2 x 5/32 x 7/8	A 100	Steel/Plastic	13,280	25
Aluminum Oxide - All Ferrous Non-Ferrous & Plastic - Large Grinders					
55.088	7 x 5/32 x 7/8	A 24	Steel/Plastic	8,600	25
55.083	7 x 5/32 x 7/8	A 36	Steel/Plastic	8,600	25
55.084	7 x 5/32 x 7/8	A 60	Steel/Plastic	8,600	25
55.089	7 x 5/32 x 7/8	A 100	Steel/Plastic	8,600	25
"Z" Wheels Backing Pads with Nut					
55.095	4-1/2" "Z" Wheel Backing Pad with M14 Nut				
55.091	4-1/2" "Z" Wheel Backing Pad with 5/8-11 Nut				
55.092	7" "Z" Wheel Backing Pad with 5/8-11 Nut				
55.094	M14 "Z" Wheel Backing Pad Nut				
55.093	5/8"11 "Z" Wheel Backing Pad Nut				



Type 1 Cut-Off Wheels - Chop Saws

A24M – Aluminum oxide wheels general purpose for steel and other ferrous steels on larger chop saw applications. Excellent rate of cut. Good wheel life.

30 R – Aluminum oxide wheels general purpose for steel and other ferrous steels. Good rate of cut. Good wheel life.

30 S – Aluminum oxide wheels specially formulated for dry wall stud applications. Good rate of cut. Good wheel life.



Order No.	Size (in)	Spec.	Application	Max. RPM	Pcs/Pkg
Aluminum Oxide - Steel & Stainless Steel - Chop Saws					
16.337	12 x 3/32 x 1	A 30 R	Steel/Stainless Steel	5,100	10
16.338	14 x 3/32 x 1	A 30 R	Steel/Stainless Steel	4,300	10
16.146	14 x 3/32 x 1	A 30 S	Steel/Dry Wall Stud	4,300	10
16.327	14 x 7/64 x 1	A 30 R	Steel Stainless Steel	4,300	10
16.340	14 x 3/32 x 1	A 24 M	Steel Stainless Steel	4,300	10
16.215	16 x 3/32 x 1	A 24 M	Steel Stainless Steel	3,820	10



Resin Fiber Abrasive Discs



Order No.	Size (in)	Spec.	Application	Max. RPM	Pcs/Pkg
Aluminum Oxide for Small Grinders					
24.135	4-1/2 x 7/8	A 16	Steel/Stainless Steel	13,300	25
24.136	4-1/2 x 7/8	A 24	Steel/Stainless Steel	13,300	25
24.137	4-1/2 x 7/8	A 40	Steel/Stainless Steel	13,300	25
24.144	4-1/2 x 7/8	A 50	Steel/Stainless Steel	13,300	25
24.138	4-1/2 x 7/8	A 60	Steel/Stainless Steel	13,300	25
24.139	4-1/2 x 7/8	A 80	Steel/Stainless Steel	13,300	25
24.140	4-1/2 x 7/8	A 100	Steel/Stainless Steel	13,300	25
24.141	4-1/2 x 7/8	A 120	Steel/Stainless Steel	13,300	25
24.142	4-1/2 x 7/8	A 150	Steel/Stainless Steel	13,300	25
24.143	4-1/2 x 7/8	A 180	Steel/Stainless Steel	13,300	25
24.223	5 x 7/8	A 16	Steel/Stainless Steel	12,200	25
24.218	5 x 7/8	A 24	Steel/Stainless Steel	12,200	25
24.219	5 x 7/8	A 40	Steel/Stainless Steel	12,200	25
24.217	5 x 7/8	A 50	Steel/Stainless Steel	12,200	25
24.220	5 x 7/8	A 60	Steel/Stainless Steel	12,200	25
24.221	5 x 7/8	A 80	Steel/Stainless Steel	12,200	25
24.222	5 x 7/8	A 100	Steel/Stainless Steel	12,200	25
24.224	5 x 7/8	A 120	Steel/Stainless Steel	12,200	25
24.225	5 x 7/8	A 150	Steel/Stainless Steel	12,200	25
24.226	5 x 7/8	A 180	Steel/Stainless Steel	12,200	25
Aluminum Oxide for Large Grinders					
24.103	7 x 7/8	A 24	Steel/Stainless Steel	10,000	25
24.104	7 x 7/8	A 40	Steel/Stainless Steel	10,000	25
24.102	7 x 7/8	A 50	Steel/Stainless Steel	10,000	25
24.105	7 x 7/8	A 60	Steel/Stainless Steel	10,000	25
24.106	7 x 7/8	A 80	Steel/Stainless Steel	10,000	25
24.107	7 x 7/8	A 100	Steel/Stainless Steel	10,000	25
24.227	9 x 7/8	A 24	Steel/Stainless Steel	9,000	25
24.228	9 x 7/8	A 40	Steel/Stainless Steel	9,000	25
24.237	9 x 7/8	A 50	Steel/Stainless Steel	9,000	25
24.229	9 x 7/8	A 60	Steel/Stainless Steel	9,000	25
24.230	9 x 7/8	A 80	Steel/Stainless Steel	9,000	25
24.231	9 x 7/8	A 100	Steel/Stainless Steel	9,000	25



- continue -

Metabo/M.K. Morse

Resin Fiber Abrasive Discs (continued)

Order No.	Size (in)	Spec.	Application	Max. RPM	Pcs/Pkg
Zirconia Alumina for Small Grinders					
56.350	4-1/2 x 7/8	ZA 24	Steel/Stainless Steel	13,300	25
56.351	4-1/2 x 7/8	ZA 36	Steel/Stainless Steel	13,300	25
56.352	4-1/2 x 7/8	ZA 50	Steel/Stainless Steel	13,300	25
56.353	4-1/2 x 7/8	ZA 60	Steel/Stainless Steel	13,300	25
56.354	4-1/2 x 7/8	ZA 80	Steel/Stainless Steel	13,300	25
56.355	5 x 7/8	ZA 24	Steel/Stainless Steel	12,200	25
56.356	5 x 7/8	ZA 36	Steel/Stainless Steel	12,200	25
56.357	5 x 7/8	ZA 50	Steel/Stainless Steel	12,200	25
56.358	5 x 7/8	ZA 60	Steel/Stainless Steel	12,200	25
56.359	5 x 7/8	ZA 80	Steel/Stainless Steel	12,200	25
Zirconia Alumina for Large Grinders					
56.360	7 x 7/8	ZA 24	Steel/Stainless Steel	10,000	25
56.361	7 x 7/8	ZA 36	Steel/Stainless Steel	10,000	25
56.362	7 x 7/8	ZA 50	Steel/Stainless Steel	10,000	25
56.363	7 x 7/8	ZA 60	Steel/Stainless Steel	10,000	25
56.364	7 x 7/8	ZA 80	Steel/Stainless Steel	10,000	25
56.365	9 x 7/8	ZA 24	Steel/Stainless Steel	9,000	25
56.366	9 x 7/8	ZA 36	Steel/Stainless Steel	9,000	25
56.367	9 x 7/8	ZA 50	Steel/Stainless Steel	9,000	25
56.368	9 x 7/8	ZA 60	Steel/Stainless Steel	9,000	25
56.369	9 x 7/8	ZA 80	Steel/Stainless Steel	9,000	25

Backing Pads

Backing Pads for use with Abrasive Discs



Cat. No.	Dia. (in)	Backing Nut	Use On	Max RPM
23.274	4-1/2	M8	Metabo AG500	10,000
23.279	4-1/2	M14	Metabo 4-1/2" grinders and other small grinders w/M14 spindle	10,000
23.283	4-1/2	5/8"-11	Metabo 4-1/2" grinders and other small grinders w/5/8"-11 spindle	10,000
23.278	5	M14	Metabo 5" grinders and other small grinders w/M14 spindle	10,000
23.284	5	5/8"-11	Metabo 5" grinders and other small grinders w/5/8"-11 spindle	10,000
23.275	7	M14	Metabo EW9150	8,500
23.281	7	5/8"-11	Metabo 11050 and 7" or 9" sander/grinders w/5/8"-11 spindle	8,500
23.282	9	5/8"-11	Metabo and other 9" sander/grinders w/5/8"-11 spindle	6,600

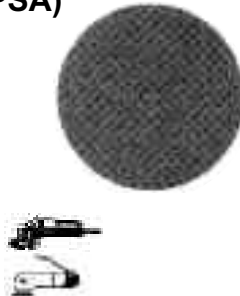
Replacement Backing Pad Nuts

Cat. No.	Nut	Pad Dia. (in)
34.113.006	M14	4-1/2 & 5
34.113.021	5/8"-11	4-1/2 & 5
34.113.016	M14	7
34.113.017	5/8"-11	7 & 9

Pressure Sensitive Discs (PSA)

Aluminum Oxide

Order	Size Dia. (in)	Spec.	Application	Pcs/Pkg
56.400	5	A 80	Steel/Stainless Steel	50
56.401	5	A 100	Steel/Stainless Steel	50
56.402	5	A 120	Steel/Stainless Steel	50
56.403	5	A 180	Steel/Stainless Steel	50
56.404	5	A 220	Steel/Stainless Steel	50
56.405	5	A 240	Steel/Stainless Steel	50
56.406	5	A 320	Steel/Stainless Steel	50
56.407	5	A 400	Steel/Stainless Steel	50
56.408	6	A 80	Steel/Stainless Steel	50
56.409	6	A 100	Steel/Stainless Steel	50
56.410	6	A 120	Steel/Stainless Steel	50
56.411	6	A 180	Steel/Stainless Steel	50
56.412	6	A 220	Steel/Stainless Steel	50
56.413	6	A 240	Steel/Stainless Steel	50
56.414	6	A 320	Steel/Stainless Steel	50
56.415	6	A 400	Steel/Stainless Steel	50



M.K. Morse

"Hummer" Abrasive Wheels

"Hummer" Type 1 Resin Bond Wheels - Boxed

Features:

- Resin Bond
- Aluminum Oxide Grain
- Double Fiberglass Reinforcement
- Special Formulation

Advantages:

- Fast Metal Removal
- Resists Breakage
- Holds Grains Longer
- More Fractures per Grain
- Helps Clean Kerf

Benefits:

- Fast Cutting and Grinding
- Increased Production Rates
- Safe Operation
- Longer Life
- Cleaner Cuts

Applications:

- Automotive, aircraft or ship building.
- Pipe welding and fabrication.
- For cut-off or grinding in high speed air or electric die grinders.
- Power plant construction and maintenance.
- General purpose metal removal.
- Available in two grades: Standard BBR fast cutting (not available in 1/16" and 1/32"). Hard - BRR long life.



Desc. (in)	Std. Pack	RPM	Desc. (in)	Std. Pack	RPM	Desc. (in)	Std. Pack	RPM
2 x 1/32	25	30,558	2 x 1/16	25	30,558			
2 x 1/8	25	30,558	2 x 1/4	10	30,558			
2 x 3/8	10	27,120	2 x 1/2	10	27,120			
			2-1/2 x 1/32	25	24,446			
			2-1/2 x 1/16	25	24,446			
			2-1/2 x 1/8	25	24,446			
			2-1/2 x 1/4	10	24,446			
			2-1/2 x 3/8	10	21,696			
			2-1/2 x 1/2	10	21,696			
			3 x .035	25	20,372			
			3 x 1/32	25	20,372			
1-1/2 x 1/8	25	40,744	3 x 1/16	25	20,372			
			3 x 1/8	25	20,372			
1-1/2 x 1/4	10	40,744	3 x 1/4	10	20,372			
1-1/2 x 3/8	10	36,160	3 x 3/8	10	18,080			
1-1/2 x 1/2	10	36,160	3 x 1/2	10	18,080			
2 x .035	25	30,558						

"Hummer" abrasive wheels are available in the following arbor hole sizes: 1/8", 1/4", 3/8", 1/2", 5/8", 7/8"

"Hummer" Wheel Mandrels - Boxed

Features:

- Two Styles Available
- Precision Machined Shank and Body Dimensions

Applications:

- For use with "Hummer" die grinding wheels.
- Nut-type for general purpose cutting, slotting or grinding applications.
- Flush-type for special access applications such as flush cuts or corner cuts.

Advantages:

- Match Mandrel to Application
- Guaranteed Concentricity

Benefits:

- Increased Productivity
- Faster Cutting
- Safer Operation



Nut Type

Flush Type

HMAN40 Kit

Prod. No.	Shank Size (in)	Arbor Hole Size (in)	Fits Wheel Thkns (in)
Flush-Type*			
HMANF15	1/4	3/8	1/32 - 1/4
HMANF250-S	1/4	1/4	1/32 - 1/4
HMANF250-L	1/4	1/4	1/4 - 1/2
HMANF375-S	3/8	3/8	1/32 - 1/4
HMANF375-L	3/8	3/8	1/4 - 1/2
HMAN40 Mandrel Kit	1/4, 3/8	1/4, 3/8	1/32 - 1/4
Nut-Type			
HMAN15	1/4	3/8	1/32 - 1/4
HMAN250	1/4	1/4	1/32 - 3/8
HMAN375	3/8	3/8	1/32 - 1/2

* Flush Mandrels include extra 1" flanges for use with wheels of 3" diameter & larger.

Abrasives

SAIT - United Abrasives, Inc.

SAIT - United Abrasives, Inc.

Type 27 Depressed Center Grinding Wheels (Metal Grinding)

- Specialty Cutting & Light Grinding Wheels
- Specialty Cutting/Notching Wheels

Z24R (Sait Z-tech)

- Tough zirconium grain
- High performance for the toughest applications
- M - Ferrous metals (iron, steel, welds)
- S - Stainless steel, high tensile alloys

Size (in)			Max. RPM	Part No.	Qty. Per Box	Qty. Per Ctn.	Lbs. Per Box
A Dia.	B Width	C Bore					
4	1/4	5/8	13,500	Z2599	25	100	7
4-1/2	1/4	7/8	13,300	Z2600	25	100	9
4-1/2	1/4	5/8-11	13,300	Z2610	10	40	6
5	1/4	7/8	12,200	Z2602	25	100	10
5	1/4	5/8-11	12,200	Z2612	10	40	6
6	1/4	7/8	10,200	Z2603	25	50	15
6	1/4	5/8-11	10,200	Z2613	10	40	10
7	1/4	7/8	8,500	Z2604	25	50	24
7	1/4	5/8-11	8,500	Z2614	10	40	14
9	1/4	7/8	6,600	Z2606	25	50	39
9	1/4	5/8-11	6,600	Z2616	10	40	20



*5/8-11 Super-Lock™ Hub



Type 27 Depressed Center Grinding Wheels

A24N

- Aluminum oxide grain
- Soft bond for fast stock removal
- Primary application: Ferrous metals (iron, steel, welds, etc.)
- Secondary application: Low-grade stainless steel

A24R

- Aluminum oxide grain
- Our most popular wheel
- For general purpose grinding
- Longer life for fewer wheel changes
- Primary application: Ferrous metals (iron, steel, welds, etc.)

A24T

- Aluminum oxide grain
- Hard bond designed for edge and bevel grinding and other applications where a harder wheel is preferred
- Longer life for fewer wheel changes
- Primary application: Ferrous metals (iron, steel, welds, etc.)

Size (in)			Max. RPM	Grades Available Part No.			Qty. Per Box	Qty. Per Ctn.	Lbs. Per Box
A Dia.	B Width	C Bore		A24N	A24R	A24T			
3	3/16	3/8	18,000	20001	-	-	25	100	3
3	1/4	3/8	18,000	20002	-	-	25	100	4
4	3/16	3/8	13,500	20010	-	-	25	100	5
4	1/4	3/8	13,500	20012	-	-	25	100	7
4	1/4	5/8	13,500	20015	20013	-	25	100	7
4-1/2	3/16	7/8	13,300	20050	-	-	25	100	8
4-1/2	3/16	5/8-11	13,300	20150	-	-	10	40	6
4-1/2	1/4	7/8	13,300	20060	20063	20065	25	100	8
4-1/2	1/4	5/8-11	13,300	20160	20163	20165	10	40	6
5	1/4	7/8	12,200	20070	20073	20075	25	100	10
5	1/4	5/8-11	12,200	20170	20173	20175	10	40	6
6	1/4	7/8	10,200	20078	20079	-	25	50	15
6	1/4	5/8-11	10,200	20178	20076	-	10	40	10
7	1/4	7/8	8,500	20081	20080	20285	25	50	24
7	1/4	5/8-11	8,500	20085	20086	20185	10	40	14
9	1/4	7/8	6,600	20091	20090	20295	25	50	39
9	1/4	5/8-11	6,600	20095	20096	20195	10	40	20

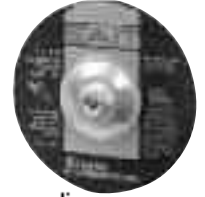


Type 27 Aluminum Grinding Wheels

A46N Aluminum (Non-Ferrous Metals)

- Aluminum oxide grain
- Soft bond for aggressive removal of material w/o loading
- Outlasts competition by as much as 40%
- Primary application: Non-ferrous metals (aluminum, copper, brass, etc.)

Size (in)			Max. RPM	Part No. A46N	Qty. Per Box	Qty. Per Ctn.	Lbs. Per Box
A Dia.	B Width	C Bore					
4	1/4	5/8	13,500	20018	25	100	7
4-1/2	1/4	7/8	13,300	20062	25	100	9
4-1/2	1/4	5/8-11	13,300	20162	10	40	6
5	1/4	7/8	12,200	20072	25	100	10
5	1/4	5/8-11	12,200	20172	10	40	6
7	1/4	7/8	8,500	20083	25	50	24
7	1/4	5/8-11	8,500	20088	10	40	14
9	1/4	7/8	6,600	20093	25	50	39
9	1/4	5/8-11	6,600	20098	10	40	20



Type 27 Depressed Center .045 Cutting Wheels

A60S

- So unique it has a patent pending
- Thin .045 width
- Special aluminum oxide grain
- Hard bond for extremely long life
- Fast, burr free cutting
- Primary application: Ferrous and/or non-ferrous metals (iron, steel, welds, etc.)

A46N Aluminum (Non-Ferrous Metals)

- Aluminum oxide grain
- Thin .045 width
- Soft bond for aggressive cutting without loading
- Primary application: Non-ferrous metals (aluminum, copper, brass, etc.)

Size (in)			Max. RPM	Part No.		Qty. Per Box	Qty. Per Ctn.	Lbs. Per Box
A Dia.	B Width	C Bore		A60S	A46N			
4	.045	5/8	19,000	-	22340	25	25	2
4	.045	5/8	19,000	22011	-	25	25	2
4-1/2	.045	7/8	13,300	-	22345	25	25	2
4-1/2	.045	7/8	13,300	22021	-	25	25	2
5	.045	7/8	12,200	-	22350	25	25	3
5	.045	7/8	12,200	22071	-	25	25	3
6	.045	7/8	10,200	-	22360	25	25	4
6	.045	7/8	10,200	22047	-	25	25	4
7	.045	7/8	8,500	-	22370	25	25	7
7	.045	7/8	8,500	22053	-	25	25	7



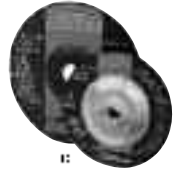
- Wheels can be mounted to right angle grinders with standard Type 27 flanges
- Note: Reusable 5/8-11 adapter for use on Type 1 and Type 27 reinforced wheels with a 7/8 arbor, a max. diameter of 5" and a wheel thickness of .045 to 1/8" available.

Type 27 Depressed Center Cutting Wheels

A24R

- Aluminum oxide grain
- For general purpose, low cost cutting only
- Combines fast cutting and long life
- Primary application: Ferrous metals (iron, steel, welds, etc.)

Size (in)			Max. RPM	Part No. A24R	Qty. Per Box	Qty. Per Ctn.	Lbs. Per Box
A Dia.	B Width	C Bore					
3	1/8	3/8	18,000	22000	25	100	2
4	1/8	3/8	13,500	22010	25	100	3
4-1/2	3/32	7/8	13,300	22020	25	100	5
4-1/2	3/32	5/8-11	13,300	22120	10	40	7
5	3/32	7/8	12,200	22070	25	100	6
5	3/32	5/8-11	12,200	22170	10	40	7
6	1/8	7/8	10,200	22045	25	100	25
7	3/32	7/8	8,500	22056	25	50	14
7	3/32	5/8-11	8,500	22057	10	40	9
9	3/32	7/8	6,600	22066	25	50	22
9	3/32	5/8-11	6,600	22067	10	40	12



SAIT - United Abrasives, Inc.

Type 27 Specialty Cutting & Light Grinding Wheels

Pipeline

- Aluminum oxide grain
- For the pipeline industry
- Designed and manufactured to perform both cutting and light grinding
- Long life
- Primary application: Ferrous metals (steel, cast iron, etc.)



Size (in)			Max. RPM	Part No.		Qty. Per Box	Qty. Per Ctn.	Lbs. Per Box
A Dia.	B Width	C Bore		Pipeline				
4	1/8	5/8	13,500	22015	25	100	3	
4-1/2	1/8	7/8	13,300	22030	25	100	7	
4-1/2	1/8	5/8-11	13,300	22130	10	40	5	
5	1/8	7/8	12,200	22040	25	100	6	
5	1/8	5/8-11	12,200	22140	10	40	5	
6	1/8	7/8	10,200	22042	25	50	10	
6	1/8	5/8-11	10,200	22046	10	40	7	
7	1/8	7/8	8,500	22055	25	50	14	
7	1/8	5/8-11	8,500	22052	10	40	9	
9	1/8	7/8	6,600	22065	25	50	22	
9	1/8	5/8-11	6,600	22062	10	40	12	

Note: Reusable 5/8-11 adapter for use on Type 1 and Type 27 reinforced wheels with a 7/8 arbor, a max. diameter of 5" and a wheel thickness of .045 to 1/8" available.

Type 28 Depressed Center Grinding Wheels

A24N

- Aluminum oxide grain
- Soft bond for fast stock removal
- Primary application: Ferrous metals (iron, steel, welds, etc.)
- Secondary application: Low grade stainless steel



A24R

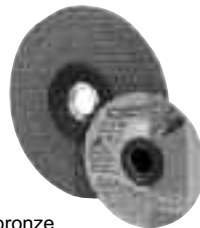
- Aluminum oxide grain
- Medium bond for longer life and fewer wheel changes
- Primary application: Ferrous metals (iron, steel, welds, etc.)

Size (in)			Max. RPM	Grades Available Part No.		Qty. Per Box	Qty. Per Ctn.	Lbs. Per Box
A Dia.	B Width	C Bore		A24N	A24R			
4-1/2	1/4	7/8	13,300	21020	21021	25	100	9
4-1/2	1/4	5/8-11	13,300	21025	21026	10	40	6
7	1/4	7/8	8,500	21001	21000	25	50	22
7	1/4	5/8-11	8,500	21004	21005	10	40	13
9	1/4	7/8	6,600	21011	21010	25	50	34
9	1/4	5/8-11	6,600	21014	21015	10	40	19

Type 29 Challenger Flexible Grinding/Blending Wheels

Challenger

- Aluminum oxide grain
- Open pattern on wheel for cool grinding and bending w/o loading
- Safe for use in the nuclear industry because it does not contain pyrite
- Primary application: Steel, iron, aluminum, brass, bronze
- Secondary application: Stainless steel
- Also for use on plastic, fiberglass, masonry



Size (in)			Max. RPM	Part Numbers/Grits Challenger				Qty. Per Box	Lbs. Per Box
A Dia.	C Bore			24	36	60	100		
4-1/2	7/8	13,280	-	22300	22301	22302	50	6	
5	7/8	12,200	-	22306	22307	22308	50	10	
7	7/8	8,600	22310	22311	22312	22313	50	19	
Blue Line™									
4-1/2	7/8	13,280	-	22400	22401	22402	10	1	
5	7/8	12,200	-	22406	22407	22408	10	2	
7	7/8	8,600	22410	22411	22412	22413	10	4	

Type 1 High Speed Cut-Off Wheels for Portable Saws .045 Thin Wheels

A60S

- Thin .045 width
- Use with reusable 5/8-11 adapter to fit right angle grinders
- Extremely fast cutting with long life
- Primary application: Ferrous and/or non-ferrous metals (iron, steel, welds, etc.)



A46N Aluminum (Non-Ferrous Metals)

- Aluminum oxide finish
- Soft bond for aggressive cutting w/o loading
- Use w/reusable 5/8-11 adapter to fit right angle grinders
- Primary application: Non-ferrous metals (aluminum, copper, brass, etc.)

Size (in)			Max. RPM	Grades Available Part No.		Qty. Per Box	Qty. Per Ctn.	Lbs. Per Box
A Dia.	B Width	C Bore		A60S	A46N			
4	.045	5/8	19,000	-	23304	25	25	2
4	.045	5/8	19,000	23099	-	25	25	2
4-1/2	.045	7/8	13,300	-	23314	25	25	2
4-1/2	.045	7/8	13,300	23101	-	25	25	2
5	.045	7/8	12,200	-	23315	25	25	3
5	.045	7/8	12,200	23103	-	25	25	3
6	.045	7/8	10,200	-	23316	25	25	4
6	.045	7/8	10,200	23106	-	25	25	4
7	.045	5/8	8,500	-	23317	25	25	7
7	.045	5/8	8,500	23107	-	25	25	7

Note: Reusable 5/8-11 adapter for use on Type 1 and Type 27 reinforced wheels with a 7/8 arbor, a max. diameter of 5" and a wheel thickness of .045 to 1/8" available.

Type 1 High Speed Cut-Off Wheels for Portable Saws

A24R

- Provides consistent performance with long life
- Primary application: Ferrous metals (steel, angle iron, rebar)



A30S

- Fast, non-binding cutting
- Primary application: Ferrous metals
- Secondary application: Stainless steel, high tensile alloys

Size (in)			Max. RPM	Grades Available Part No.		Qty. Per Box	Qty. Per Ctn.	Lbs. Per Box
A Dia.	B Width	C Bore		A24R	A30S			
4-1/2	5/64	7/8	13,300	-	23102	25	25	4
4-1/2	3/32	7/8	13,300	23100	-	25	25	5
5	5/64	Dia (5/8)	12,200	-	23226	25	25	5
5	5/64	7/8	12,200	-	23224	25	25	5
6-1/2	3/32	Dia (5/8)	10,500	23222	-	25	50	8
7	5/64	Dia (5/8)	8,500	-	23242	25	50	10
7	5/64	7/8	8,500	-	23240	25	50	10
7	3/32	5/8	8,500	23230	-	25	50	10
7	3/32	Dia (5/8)	8,500	23234	-	25	50	10
7	3/32	7/8	8,500	23232	-	25	50	10
8	3/32	Dia (5/8)	7,600	-	23246	25	50	13
8	3/32	7/8	7,600	-	23244	25	50	13
8	3/32	5/8	7,600	23254	-	25	50	13
8	3/32	Dia (5/8)	7,600	23258	-	25	50	13
8	3/32	7/8	7,600	23256	-	25	50	13
9	3/32	7/8	6,600	-	23248	25	50	19
12	1/8	1	6,300	23410	-	10	50	13
12	1/8	1	6,300	-	23430	10	50	14
12	1/8	7/8	6,300	23400	-	10	50	14
12	1/8	7/8	6,300	-	24431	10	50	14
12	1/8	20mm	6,300	23420	-	10	50	14
12	1/8	20mm	6,300	-	23432	10	50	14
14	1/8	1	5,400	23450	-	10	20	19
14	1/8	1	5,400	-	23440	10	20	19
14	1/8	20mm	5,460	23455	-	10	20	17
14	1/8	20mm	5,460	-	23441	10	20	19



14" (20mm) Now w/higher RPM rating for STIHL saws

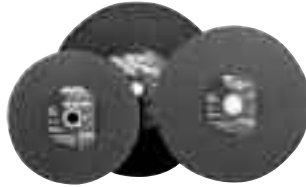
Abrasives

SAIT - United Abrasives, Inc.

Type 1 Specialty High Speed Cut-Off Wheels for Portable Saws

Brute

- Long life
- Extremely hard bond for cutting metals that present a very sharp edge to the wheel
- Primary application: Thin metal, sheet metal, decking, other ferrous metals



HOBO®

- For use on high horsepower machines
- Rugged fiberglass reinforcement for maximum safety
- Excellent for the railroad industry
- Primary application: Mainline, secondary, spur rail steel
- Also for use on heavy sections of ferrous metals (I-beams, bar stock, etc.)

Ductile

- Combination aluminum oxide and silicon carbide formulation
- Primary application: Ductile pipe (very hard steel casing enclosing a cement lining), water mains, etc.
- Secondary application: Combination metal/concrete, cast iron, hard metals, concrete coated steel, etc.

Size (in)			Max RPM	Part No.		Qty. Per Box	Qty. Per Ctn.	Lbs. Per Box
A Dia.	B Width	C Bore		Brute™	HOBO®			
12	1/8	1	6,300	23412	23501	10	50	15
12	1/8	20mm	6,300	23422	23502	10	50	14
14	1/8	1	5,400	23452		10	20	22
14	1/8	20mm	5,460	23457		10	20	18
HOBO®								
14	1/8	1	5,400	23501		10	20	22
16	1/8	1	4,800	23502		10	20	30
Ductile								
12	1/8	1	6,300	23415		10	50	15
12	1/8	20mm	6,300	23425		10	50	15
14	1/8	1	5,400	23453		10	20	22
14	1/8	20mm	5,460	23458		10	20	22

14" (20mm)
Now w/higher RPM rating for STIHL saws

Type 1 Chop Saw Wheels

Stud King®

- Aluminum oxide grain
- General purpose cool cutting on thin metals
- Burr free finish
- Primary application: Metal studding, thin rebar, light gauge metals



Iron Worker™

- Aluminum oxide grain
- Fast cutting
- Excellent for use on angle iron, channel iron, heavy rebar and other ferrous metals
- Primary application: Structural metal applications

Saitech Steel Worker™

New & Improved Formula for 14"

- Formulated w/3M Cubitron grain
- Extremely fast, burr free cutting
- Primary application: Stainless steel, high tensile alloys
- Secondary application: Ferrous metals (steel, iron, welds, etc.)

Non-Ferrous Metals (Aluminum)

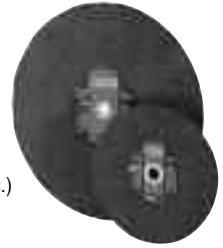
- Aluminum oxide grain
- Special non-loading formulation
- Primary application: Non-ferrous metals (aluminum, bronze, brass, etc.)

Size (in)			Max RPM	Grades Available				Qty. Per Box	Qty. Per Ctn.	Lbs. Per Box
A Dia.	B Width	C Bore		S.K.	I.W.	Saitech™	Alum.			
10	3/32	5/8	6,100	24035	-	-	-	25	50	20
12	3/32	1	5,100	24030	24031	-	-	10	50	11
12	3/32	1	5,100	-	-	24033	-	10	50	11
14	3/32	1	4,400	24050	24051	-	-	10	20	16
14	3/32	1	4,400	-	-	24053	-	10	20	16
14	3/32	1	4,400	-	-	-	24052	10	20	16
16	3/32	1	3,700	24010	24011	-	-	10	20	23
16	3/32	1	3,700	-	-	24013	-	10	20	23

Type 1 Wheels for Stationary Cut-Off Saws

A24N

- Aluminum oxide grain
- General purpose
- Soft bond for fast stock removal
- Primary application: Ferrous metals (iron, cast iron, etc.)
- Secondary application: Low grade stainless steel



A24R

- Aluminum oxide
- General purpose, long life
- Primary application: Ferrous metals (iron, steel, angle iron, etc.)

A36R

- Aluminum oxide grain
- A finer grit for burr free finish
- Primary application: Ferrous metals (metal, tubing, etc.)
- Secondary application: Stainless steel, high tensile steel

Size (in)			Max. RPM	Grades Available			Qty. Per Box	Qty. Per Ctn.	Lbs. Per Box
A Dia.	B Width	C Bore		A24N	A24R	A36R			
10	1/8	5/8	6,100	24001	24000	24002	25	50	23
10	1/8	1	6,100	24005	24004	-	25	50	23
12	1/8	1	5,100	-	24020	-	10	50	14
14	1/8	1	4,400	-	24040	24042	10	20	19
16	5/32	1	3,800	24071	24070	24072	10	20	29
18	3/16	1	3,400	24081	24080	24082	5	20	22
20	3/16	1	3,000	24091	24090	24092	5	20	27
24	1/4	1	3,150	24101	24100	24102	5	15	49

Type 1 Thin High Speed Cut-Off Wheels

A24R

- Aluminum oxide grain; General purpose, long life
- Primary application: Ferrous metals (iron, steel, welds, etc.)



A36T

- Aluminum oxide grain
- Hard bond for aggressive cutting on rough applications
- Primary application: Ferrous metals (iron, steel, welds, etc.)
- Secondary application: Stainless steel

A60S

- Thin .045 width
- Use w/ reusable 5/8-11 adapter to fit right angle grinders
- Extremely fast cutting w/long life
- Primary application: Ferrous and/or non-ferrous metals (Iron, steel, welds, etc.)

A60T

- Hard bond for smooth cutting
- For use in nuclear, aerospace, automotive, foundry industries, & plant maintenance
- Primary application: Ferrous metals (iron, steel, welds, etc.)
- Secondary application: High tensile metals

- Note: 1/4" Shank adapters available



Size (in)			Max RPM	Grades Available			Qty. Per Box	Qty. Per Ctn.	Lbs. Per Box	
A Dia.	B Width	C Bore		A24R	Part Numbers A36T A60S A60T					
2	1/16	1/4	30,558	-	23004	-	23005	50	50	1
2	1/16	3/8	30,558	-	23002	-	23003	50	50	1
2	.035	1/4	30,558	-	23012	-	23013	100	100	1
2	.035	3/8	30,558	-	23010	-	23011	100	100	1
2-1/2	1/16	1/4	24,446	-	23022	-	23023	50	50	2
2-1/2	1/16	3/8	24,446	-	23020	-	23021	50	50	2
2-1/2	.035	1/4	24,446	-	23032	-	23033	100	100	2
2-1/2	.035	3/8	24,446	-	23030	-	23031	100	100	2
3	1/16	1/4	25,000	-	23042	-	23043	50	50	3
3	1/16	3/8	25,000	-	23040	-	23041	50	50	3
3	.035	1/4	25,000	-	23052	-	23053	100	100	3
3	.035	3/8	25,000	-	23050	-	23051	100	100	3
3	1/8	3/8	20,372	23060	-	-	-	25	100	2
4	1/16	1/4	19,000	-	23067	-	23068	50	50	5
4	1/16	3/8	19,000	-	23065	-	23066	50	50	5

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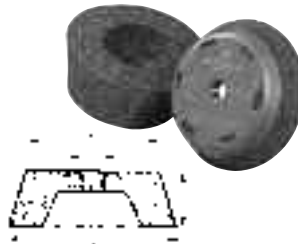
Type 1 Thin High Speed Cut-Off Wheels (continued)

Size (in)			Max RPM	Grades Available Part Numbers				Qty. Per Box	Qty. Per Ctn.	Lbs. Per Box
A Dia.	B Width	C Bore		A24R	A36T	A60S	A60T			
4	1/16	5/8	19,000	-	23061	-	23062	50	50	5
4	.035	1/4	19,000	-	23071	-	23072	100	100	5
4	.035	3/8	19,000	-	23069	-	23070	100	100	5
4	.035	5/8	19,000	-	23063	-	23064	100	100	5
4	.045	5/8	19,000	-	-	23099	-	25	25	2
4	1/8	3/8	15,278	23075	-	-	-	25	100	4
4-1/2	.045	7/8	13,300	-	-	23101	-	25	25	2
5	.045	7/8	12,200	-	-	23103	-	25	25	2
6	1/16	1/2	10,186	-	23202	-	23203	50	50	8
6	1/16	5/8	10,186	-	23200	-	23201	50	50	8
6	.035	1/2	10,186	-	23206	-	23207	50	50	5
6	.035	7/8	10,186	-	23210	-	23211	50	50	5
6	.035	5/8	10,186	-	23204	-	23205	50	50	5
6	.045	7/8	10,200	-	-	23106	-	25	25	2
7	1/16	1-1/4	8,732	-	23250	-	23251	50	50	12
7	1/16	5/8	8,732	-	23265	-	23266	50	50	6
7	.035	1-1/4	8,732	-	23252	-	23253	50	50	4
7	.045	5/8	8,500	-	-	23107	-	25	25	2
8	1/16	5/8	7,640	-	23275	-	23276	50	50	7
8	1/16	1-1/4	7,640	-	23277	-	23278	50	50	7

Type 11 Cup Wheels

A16

- Aluminum oxide grain
- Coarse grit wheel for tough grinding applications
- Excellent for cleaning castings, mold marks, removing flashing
- Primary application: Ferrous metals
- Available w/optional metal backing



Size (in)				Max. RPM	Part No.	Metal Backing No.	Qty. Per Box	Lbs. Per Box
A Dia.	A' Dia.	B Width	C Bore					
4	3	2	5/8-11	9,050	26000	26003	12	18
5	4	2	5/8-11	7,250	26010	26013	6	17
6	4-3/4	2	5/8-11	6,050	26020	26023	5	18

Type 16, 17, 18 Cones & Plugs

- Aluminum oxide grain
- For grinding & snagging in hard to reach areas
- Fast stock removal
- Primary application: Ferrous metals (iron, steel, welds, etc.)
- Packaging: 10 per box

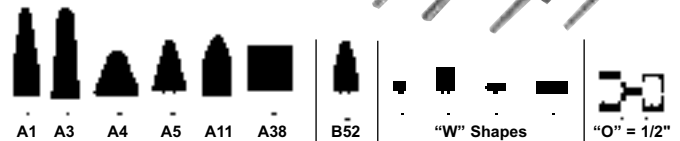
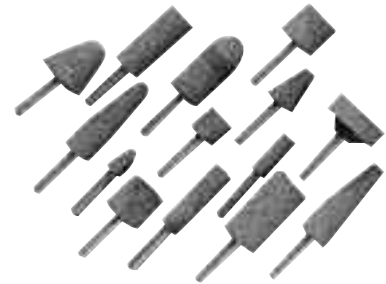


Size (in)				Grade Available	Max RPM	Part No.	Qty. Per Box	Lbs. Per Box
A Dia.	B Length	C Bore	C Bore					
Type 16 Cone								
1-1/4	3	3/8-24	A16	29,000	25000	10	3	
2	3	3/8-24	A16	18,100	25005	10	6	
2	3	5/8-11	A16	18,100	25006	10	7	
2-3/4	3-1/2	5/8-11	A16	13,200	25008	10	13	
Type 17 Cone								
1-1/2	2-1/2	3/8-24	A20	24,100	25101	10	3	
1-1/2	2-1/2	5/8-11	A20	24,100	25102	10	3	
1-1/2	3	3/8-24	A16	24,100	25103	10	3	
1-1/2	3	5/8-11	A16	24,100	25104	10	4	
2	3	3/8-24	A16	18,100	25105	10	6	
2	3	5/8-11	A16	18,100	25106	10	5	
Type 18 Plug								
1-1/2	2-1/2	3/8-24	A20	24,100	25201	10	5	
1-1/2	2-1/2	5/8-11	A20	24,100	25202	10	5	
1-1/2	3	3/8-24	A16	24,100	25203	10	5	
1-1/2	3	5/8-11	A16	24,100	25204	10	6	
2	3	3/8-24	A16	18,100	25205	10	10	
2	3	5/8-11	A16	18,100	25206	10	11	
Type 18R Plug								
1-1/2	2-1/2	3/8-24	A20	24,100	25301	10	5	
1-1/2	2-1/2	5/8-11	A20	24,100	25302	10	5	
1-1/2	3	3/8-24	A16	24,100	25303	10	6	
1-1/2	3	5/8-11	A16	24,100	25304	10	6	
2	3	3/8-24	A16	18,100	25305	10	8	
2	3	5/8-11	A16	18,100	25306	10	9	

Resin Bonded Mounted Points

A36Q

- Aluminum oxide grain
- For deburring & finishing
- Fast stock removal
- Primary application: Ferrous metals (iron, steel, welds)
- Shank length 1-1/2"



- "A" shapes are designed for offhand applications
- "B" shapes are designed for light deburring applications
- "W" shapes are for med. to heavy stock removal
- Mandrel overhang "O" must always be the lowest possible. Maximum speeds given refer to overhang "O" equal to 1/2"

Type	Size (in)		Shank Dia. (in)	Part No.	"O" = 1/2" Max RPM	Qty. Per Box
	Dia.	Length				
A1	3/4	2-1/2	1/4	27401	19,800	10
A3	1	2-3/4	1/4	27402	16,100	10
A4	1-1/4	1-1/4	1/4	27403	30,560	10
A5	3/4	1-1/8	1/4	27404	45,000	10
A11	7/8	2	1/4	27405	19,860	10
A38	1	1	1/4	27406	34,500	10
B52	3/8	3/4	1/4	27407	81,000	10
W179	3/8	1-1/4	1/4	27408	45,750	10
W189	1/2	2	1/4	27409	24,000	10
W204	3/4	3/4	1/4	27410	42,750	10
W208	3/4	2	1/4	27411	18,750	10
W220	1	1	1/4	27412	25,500	10
W222	1	2	1/4	27413	15,900	10
W236	1-1/2	1/2	1/4	27414	25,470	10

Type 27 Saitech Grinding Wheels

Saitech Attacker™

- Extremely fast stock removal on hard metals with minimal pressure
- Primary application: Stainless steel and other high tensile alloys
- Secondary application: Ferrous metals (iron, steel, welds, etc.)



Saitech Ultimate Performance™ (New & Improved Formula)

- Combines fast stock removal with long life
- Primary application: Stainless steel and other high tensile alloys
- Secondary application: Ferrous metals (iron, steel, welds, etc.)
- Now available with 3/8" arbor

A Dia.	Size (in)		Max. RPM	Grades Available Part Numbers		Qty. Per Box	Qty. Per Ctn.	Lbs. Per Box
	B Width	C Bore		Attacker™	Saitech™			
3	3/16	3/8	18,000	-	20101	25	100	3
3	1/4	3/8	18,000	-	20102	25	100	4
4	3/16	3/8	13,500	-	20103	25	100	5
4	1/4	3/8	13,500	-	20112	25	100	7
4	1/4	5/8	13,500	20041	20014	25	100	8
4-1/2	1/4	7/8	13,300	20046	20064	25	100	10
4-1/2	1/4	5/8-11	13,300	20146	20164	10	40	8
5	1/4	7/8	12,200	20047	20074	25	100	13
5	1/4	5/8-11	12,200	20147	20174	10	40	8
7	1/4	7/8	8,500	20048	20084	25	50	24
7	1/4	5/8-11	8,500	20148	20089	10	40	14
9	1/4	7/8	6,600	20049	20094	25	50	40
9	1/4	5/8-11	6,600	20149	20099	10	40	20

Abrasives

SAIT - United Abrasives, Inc.

Type 27 Saitech .045 Cutting Wheels

Saitech .045

- So unique it has a patent pending
- Thin .045 width
- Wheel can be mounted to right angle grinders with standard Type 27 flanges
- Fast cutting with long life
- Primary application: Stainless steel, high tensile alloys
- Secondary application: Ferrous metals (iron, steel, welds, etc.)



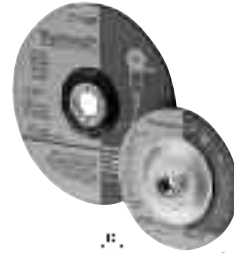
Note: Reusable 5/8-11 adapter for use on Type 1 and Type 27 reinforced wheels with a 7/8 arbor, a max. diameter of 5" and a wheel thickness of .045 to 1/8" available

Size (in)			Max. RPM	Part No.		Qty. Per Box	Qty. Per Ctn.	Lbs. Per Box
A Dia.	B Width	C Bore		Saitech	Per Box			
4	.045	5/8	19,000	22068	25	25	2	
4-1/2	.045	7/8	13,300	22072	25	25	2	
5	.045	7/8	12,200	22073	25	25	3	
6	.045	7/8	10,200	22082	25	25	4	
7	.045	7/8	8,500	22088	25	25	7	

Type 27 Saitech Cutting Wheels

Saitech Ultimate Performance™

- Combines fast cutting with extremely long life for tough cutting applications
- Ideal for foundry applications (gates, risers)
- Primary application: Stainless steel, high tensile alloys
- Secondary application: Ferrous metals (iron, steel, welds, etc.)



Size (in)			Max. RPM	Part No.		Qty. Per Box	Qty. Per Ctn.	Lbs. Per Box
A Dia.	B Width	C Bore		Saitech™	Per Box			
4	1/8	5/8	13,500	22014	25	100	3	
4-1/2	1/8	7/8	13,300	22064	25	100	7	
4-1/2	1/8	5/8-11	13,300	22069	10	40	5	
5	1/8	7/8	12,200	22074	25	100	7	
5	1/8	5/8-11	12,200	22079	10	40	5	
7	1/8	7/8	8,500	22084	25	50	18	
7	1/8	5/8-11	8,500	22089	10	40	10	
9	1/8	7/8	6,600	22094	25	50	21	
9	1/8	5/8-11	6,600	22099	10	40	11	

Type 27 Saitech Cutting & Light Grinding Wheels

Saitech™ Pipeline (S Pipe)

- Designed and manufactured to perform both cutting and light grinding
- Long life combined with versatility for the pipeline industry
- Primary application: Stainless steel, high tensile alloys
- Secondary application: Ferrous metals (iron, steel, welds, etc.)

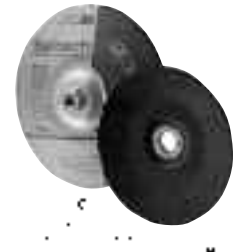


Size (in)			Max. RPM	Part No.		Qty. Per Box	Qty. Per Ctn.	Lbs. Per Box
A Dia.	B Width	C Bore		S Pipe	Per Box			
4	5/32	5/8	13,500	22214	25	100	7	
4-1/2	5/32	7/8	13,300	22264	25	100	7	
4-1/2	5/32	5/8-11	13,300	22269	10	40	5	
5	5/32	7/8	12,200	22274	25	100	6	
5	5/32	5/8-11	12,200	22279	10	40	5	
7	5/32	7/8	8,500	22284	25	50	13	
7	5/32	5/8-11	8,500	22289	10	40	8	
9	5/32	7/8	6,600	22294	25	50	21	
9	5/32	5/8-11	6,600	22299	10	40	11	

Type 28 Depressed Center Saitech Grinding Wheels

Saitech Ultimate Performance™

- Exclusive formula with patented 3M Cubitron grain
- Combines maximum material removal with long life
- Primary application: Stainless steel
- Secondary application: Ferrous metals (iron, steel, welds, etc.)



Size (in)			Max. RPM	Part No.	Qty. Per Box	Qty. Per Ctn.	Lbs. Per Box
A Dia.	B Width	C Bore					
7	1/4	7/8	8,500	21084	25	50	22
7	1/4	5/8-11	8,500	21089	10	40	13
9	1/4	7/8	6,600	21094	25	50	34
9	1/4	5/8-11	6,600	21099	10	40	19



Type 1 Saitech Cut-Off Wheels for Portable Saws

Saitech .045

- Thin .045 width
- Use with reusable 5/8-11 adapter to fit right angle grinders
- Combines fast cutting with extremely long life
- Primary application: Stainless steel, high tensile alloys
- Secondary application: Ferrous and/or non-ferrous metals



Note: Reusable 5/8-11 adapter for use on Type 1 & Type 27 reinforced wheels with a 7/8 arbor, a max. diameter of 5" & a wheel thickness of .045 to 1/8" available

Size (in)			Max. RPM	Part No.		Qty. Per Box	Qty. Per Ctn.	Lbs. Per Box
A Dia.	B Width	C Bore		Saitech™	Per Box			
4	.045	5/8	19,000	23172	25	25	2	
4-1/2	.045	7/8	13,300	23174	25	25	2	
5	.045	7/8	12,200	23177	25	25	3	
6	.045	7/8	10,200	23182	25	25	4	
7	.045	5/8	8,500	23184	25	25	7	

Type 1 Saitech Thin High Speed Cut-Off Wheels

Saitech Ultimate Performance™

- Combines fast cutting with extremely long life
- Primary application: Stainless steel, high tensile alloys
- Secondary application: Ferrous and/or non-ferrous metals
- 1/4" shank adapters available



Type 1 Saitech Thin High Speed Cut-Off Wheels (continued)

Size (in)			Max. RPM	Part No.		Qty. Per Box	Qty. Per Ctn.	Lbs. Per Box
A Dia.	B Width	C Bore		Saitech™	Per Box			
3	1/16	1/4	25,000	23142	50	50	2	
3	1/16	3/8	25,000	23140	50	50	2	
3	.035	1/4	25,000	23152	100	100	3	
3	.035	3/8	25,000	23150	100	100	3	
4	1/16	1/4	19,000	23167	50	50	4	
4	1/16	3/8	19,000	23165	50	50	4	
4	1/16	5/8	19,000	23161	50	50	4	
4	.035	1/4	19,000	23171	100	100	5	
4	.035	3/8	19,000	23169	100	100	5	
4	.035	5/8	19,000	23163	100	100	5	



SAIT - United Abrasives, Inc.

Type 27 Grinding Wheels

C24N

- Silicon carbide grain
- Soft bond for fast stock removal
- Primary application: Masonry, concrete, stone
- Secondary application: Cast iron & other ferrous metals

Size (in)			Max. RPM	Part No. C24R	Qty. Per Box	Qty. Per Ctn.	Lbs. Per Box
A Dia.	B Width	C Bore					
4	1/4	5/8	13,500	22017	25	100	7
4-1/2	1/4	7/8	13,300	22061	25	100	8
4-1/2	1/4	5/8-11	13,300	22161	10	40	6
5	1/4	7/8	12,200	20071	25	100	10
5	1/4	5/8-11	12,200	22171	10	40	6
7	1/4	7/8	8,500	22082	25	50	24
7	1/4	5/8-11	8,500	22087	10	40	14
9	1/4	7/8	6,600	22092	25	50	39
9	1/4	5/8-11	6,600	22097	10	40	20



Type 27 Cutting Wheels

C24R

- Silicon carbide grain
- General purpose cutting, hard bond for long life
- Primary application: Masonry, concrete, stone
- Secondary application: Certain cast iron applications

Size (in)			Max. RPM	Part No. C24R	Qty. Per Box	Qty. Per Ctn.	Lbs. Per Box
A Dia.	B Width	C Bore					
4	1/8	5/8	13,500	22017	25	100	3
4-1/2	3/32	7/8	13,300	22025	25	100	5
4-1/2	3/32	5/8-11	13,300	22125	10	40	7
5	1/8	7/8	12,200	22041	25	100	7
5	1/8	5/8-11	12,200	22141	10	40	5
7	1/8	7/8	8,500	22050	25	50	14
7	1/8	5/8-11	8,500	22051	10	40	9
9	1/8	7/8	6,600	22060	25	50	22
9	1/8	5/8-11	6,600	22061	10	40	12



Note: Reusable 5/8-11 adapter for use on Type 1 & Type 27 reinforced wheels with a 7/8 arbor, a max. diameter of 5" and a wheel thickness of .045 to 1/8" available

Type 28 Depressed Center Grinding Wheels

C24N

- Silicon carbide grain
- Soft bond for fast stock removal
- Primary application: Masonry, concrete, stone

Size (in)			Max. RPM	Part No. C24N	Qty. Per Box	Qty. Per Ctn.	Lbs. Per Box
A Dia.	B Width	C Bore					
7	1/4	7/8	8,500	21002	25	50	22
7	1/4	5/8-11	8,500	21006	10	40	13
9	1/4	7/8	6,600	21012	25	50	34
9	1/4	5/8-11	6,600	21016	10	40	19



Type 1 High Speed Cut-Off Wheels for Portable Saws

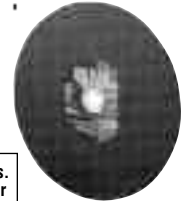
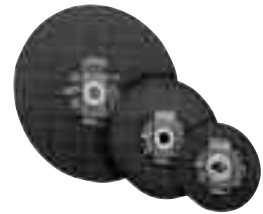
C24R

- Silicon carbide grain
- Long life
- Primary application: Stone, brick, soft aggregate, masonry, concrete

Big M.A.C.

- Special silicon carbide grain
- Superior cutting action
- 40% longer life than general purpose concrete wheels
- Primary application: Masonry, Asphalt, Concrete

Size (in)			Max. RPM	Part No. C24R	Qty. Per Box	Qty. Per Ctn.	Lbs. Per Box
A Dia.	B Width	C Bore					
6-1/2	3/32	Dia (5/8)	10,500	23223	25	50	7
7	3/32	7/8	8,500	23233	25	50	9
7	3/32	Dia (5/8)	8,500	23235	25	50	9
7	3/32	5/8	8,500	23231	25	50	9
8	3/32	7/8	7,600	23257	25	50	11
8	3/32	Dia (5/8)	7,600	23259	25	50	11
8	3/32	5/8	7,600	23255	25	50	11
C24R *with Pinhole							
12	1/8	1	6,300	23413	10	50	12
12	1/8	7/8	6,300	23402	10	50	12
12	1/8	20mm	6,300	23423	10	50	12
14*	1/8	1	5,400	23451	10	20	16
14	1/8	20mm	5,460	23456	10	20	15
M.A.C *with Pinhole							
12	1/8	1	6,300	23460	10	50	14
12	1/8	20mm	6,300	23462	10	50	14
14*	1/8	1	5,400	23463	10	20	18
14	1/8	20mm	5,460	23464	10	20	18



14" (20mm) Now with higher RPM rating for STIHL saws



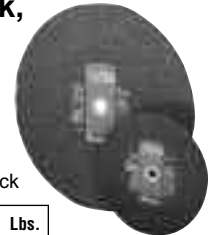
Type 1 Wheels for Brick, Block, & Masonry Cut-Off Saws

C24R

- Silicon carbide grain
- General purpose, long life
- Square cutting
- Primary application: Masonry, concrete, stone, brick

Size (in)			Max. RPM	Part No. C24R	Qty. Per Box	Qty. Per Ctn.	Lbs. Per Box
A Dia.	B Width	C Bore					
10	1/8	5/8	6,100	24003	25	50	23
10	1/8	1	6,100	24007	25	50	23
12	1/8	1	5,100	24023	10	50	14
14*	1/8	1	4,400	24043	10	20	19
16*	5/32	1	3,800	24073	10	20	29
18	3/16	1	3,400	24083	5	20	22

*with Pinhole



Type 1 Cut-Off Wheels for Street Saws

C16

- Silicon carbide grain • Fast, free cutting
- Primary application: Green concrete, asphalt

C24R

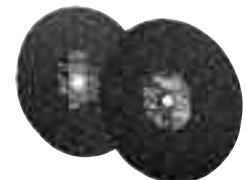
- Silicon carbide grain • Long, life
- General purpose
- Primary application: Masonry, concrete, block

Street Walkertm™

- Silicon carbide grain • Hot pressed wheel
- Combines fast cutting with long life
- Primary application: Concrete, green concrete, asphalt

Size (in)			Max. RPM	Grades Available Part No.			Qty. Per Box	Qty. Per Ctn.	Lbs. Per Box
A Dia.	B Width	C Bore		C16	C24R	S.W.			
14	1/8	1	4,400	24045	-	-	10	20	19
14	3/16	1	4,400	24061	24060	-	5	10	12
14	1/4	1	4,400	24066	24065	-	5	10	16
14	3/16	1	4,365	-	-	24120	10	50	27
14	1/4	1	4,365	-	-	24121	10	50	36

All wheels have pinhole



Abrasives

SAIT - United Abrasives, Inc.

Type 11 Cup Wheels

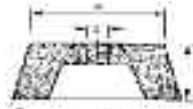
C16

- Silicon carbide grain
- Coarse grit for tough grinding applications
- Excellent for cleaning castings, mold marks, and removing flashing
- Primary application: Masonry, concrete, stone



CA16

- Combination of aluminum oxide and silicon carbide grains
- Excellent for cleaning castings, mold marks, and removing flashing
- Primary application: Use on combination of ferrous metals and/or concrete materials
- Available with an optional metal backing



Size (in)				Max. RPM	Grades Available	Part No.	Metal Backing No.	Qty. Per Box	Lbs. Per Box
A Dia.	A' Dia.	B Width	C Bore						
4	3	2	5/8-11	9,050	C16	26001	26004	12	17
4	3	2	5/8-11	9,050	CA16	26002	26005	12	18
5	4	2	5/8-11	7,250	C16	26011	26014	6	15
5	4	2	5/8-11	7,250	CA16	26012	26015	6	15
6	4-3/4	2	5/8-11	6,050	C16	26021	26024	5	16
6	4-3/4	2	5/8-11	6,050	CA16	26022	26025	5	18

Type 27 Grinding/Blending Wheels

(Cotton Reinforced†)

A24 UA-MTX

- Aluminum oxide grain
- UA-MTX tough resin combined with coarse grit
- Excellent for light or medium weld removal
- Primary application: Grinding aluminum and other non-ferrous/ferrous materials
- Secondary application: Stainless steel



A36 UA-GFX

- UA-GFX latex bond for weld blending
- Resilient for use on contours, non-loading
- Primary application: Stainless steel
- Secondary application: Aluminum, ferrous and-or non-ferrous materials

A54 UA-GFX

- UA-GFX latex bond for weld blending & finishing
- Primary applications: Stainless steel
- Secondary application: Aluminum, non-ferrous materials

† Cotton reinforced abrasive products are laminates of non-woven abrasive cotton fiber impregnated with abrasive grain. The abrasive grains and fibers are impregnated by a special process that provides superior bonding & consistency.

Size (in)				Max. RPM	Grades Available Part No.			Qty. Per Box	Lbs. Per Box
A Dia.	B Width	C Bore	A24		A36	A54			
4	1/4	5/8	13,500	29200	29201	29202	10	3	
4-1/2	1/4	7/8	13,300	29206	29207	29208	10	3	
7	1/4	7/8	8,500	29212	29213	29214	10	9	
7	1/4	5/8-11	8,500	29222	29223	29224	10	13	

SAITBLEND™ Discs

(Cotton Reinforced†)

A36F

- Aluminum oxide grain
- Open pattern on wheel allows for cool blending & finishing w/o loading
- A medium grit for finishes equal to an 80 grit coated disk
- Flexible for smooth blending & finishing
- Primary application: Stainless steel
- Secondary application: Aluminum & non-ferrous materials.



A54F

- Aluminum oxide grain
- A finer grit for finishes equal to a 100 grit coated disc
- Primary application: Finishing stainless steel
- Secondary application: Finishing aluminum

SAITBLEND™ discs combine the long life and durability of a bonded Type 27 wheel w/ the flexibility & finishing capabilities of a coated disc. There is no need to change discs to go from blending to final finishing. A single disc will quickly blend your weld & finish equivalent to an 80 grit resin fiber disc, & the SAITBLEND™ disc will outlast the fiber disc 20:1

† Cotton reinforced abrasive products are laminates of non-woven abrasive cotton fiber impregnated with abrasive grain. The abrasive grains and fibers are impregnated by a special process that provides superior bonding & consistency.

Size (in)			Grades Available Part No.		Qty. Per Box	Lbs. Per Box
A Dia.	C Bore	Max. RPM	A36F	A54F		
4-1/2	7/8	13,300	29270	29271	10	2
7	7/8	8,500	29277	29278	10	5

SAIT-LOK-R™ Cotton

Fiber Discs (Cotton Reinforced†)

SAIT-LOK-R™ discs are made of multiple layers of cotton fiber abrasive impregnated material. These quick change discs produce a smooth finish in one step



A24M

- Aluminum oxide grain
- Coarse grit w/medium flexibility for aggressive action
- Primary application: Blending on stainless steel, high tensile alloys
- Secondary application: Aluminum, ferrous and/or non-ferrous materials

A36F

- Medium grit w/higher flexibility for smoother action
- Primary application: Blending on stainless steel, high tensile alloys
- Secondary application: Aluminum, ferrous and/or non-ferrous materials

A54F

- Fine grit for higher flexibility for finishing
- Primary application: Blending on stainless steel, high tensile alloys
- Secondary application: Aluminum, ferrous and/or non-ferrous materials

A80F

- Finer grit for ultimate finishing
- Primary application: Blending on stainless steel, high tensile alloys
- Secondary application: Aluminum, ferrous and/or non-ferrous materials

† Cotton reinforced abrasive products are laminates of non-woven abrasive cotton fiber impregnated with abrasive grain. The abrasive grains and fibers are impregnated by a special process that provides superior bonding & consistency.

Size Dia. (in)	Max. RPM	Part Numbers				Qty. Per Box	Lbs. Per Box
		A24M	A36F	A54F	A80F		
2	30,000	50300	50301	50302	50303	25	1
3	20,000	50308	50309	50310	50311	25	2

SAIT - United Abrasives, Inc.

Hand and Floor Rubs

- Removes form marks
- Primary application: Concrete
- Configurations available:
 - Plain** - For cleaning castings & dressing bench grinding wheels
 - Fluted** - For extra shearing action
 - Handle** - For extra comfort & working overhead
 - Scored** - Breaks into two 4 x 2 x 2 floor rubs



Type	Size (in)			Desc.	Grade	Part No.	Qty. Per Box	Lbs. Per Box
	Length	Width	Height					
HR202	4	2	2	Plain	C24R	25010	6	7
HR241	6	2	2	Fluted	C24R	25020	5	10
HR242	8	2	2	Fluted	C24R	25030	5	12
HR252	6	3	1	Handle	C24R	25040	5	10
HR250	8	3-1/2	1-1/2	Handle	C24R	25050	5	19
FR521	8	2	2	Scored	C10R	25060	3	14
FR521	8	2	2	Scored	C24R	25061	3	14
FR521	8	2	2	Scored	C80R	25062	3	14

Type 1 Bench Grinding Wheels

- A**
- Aluminum oxide grain
 - General purpose
 - For sharpening tools & light stock removal
 - Primary application: Ferrous metals (carbon steel, steel, iron, forgings, etc.)

- GC**
- Green silicon carbide grain
 - Extremely sharp grain for faster, burr free cutting
 - Use on carbide tipped tools, cast iron
 - Primary application: Ferrous and/or non-ferrous metals

Reduction bushings enclosed with each wheel

- 6", 7" 3/4, 5/8, 1/2
- 8" 3/4, 5/8
- 10" 1, 3/4
- 12", 14" 1-1/4, 1



Aluminum Oxide

A Dia.	Size (in)			Max. RPM	Grades Available Part Numbers					Lbs. Per Box
	B Width	C Bore			A24	A36	A46	A60	A80	
6	1/2	1		4,138	-	28003	-	28004	28005	1-1/2
6	3/4	1		4,138	-	28000	-	28001	28002	2
6	1	1		4,138	-	28006	-	28007	28008	2-1/2
7	3/4	1		3,600	-	28010	-	28011	28012	2-1/2
7	1	1		3,600	-	28013	-	28014	28015	3-1/2
8	3/4	1		3,600	-	28020	-	28021	28022	3-1/2
8	1	1		3,600	-	28023	-	28024	28025	4-1/2
10	1	1-1/4		2,483	-	28040	28043	28044	28042	7
10	1-1/2	1-1/4		2,483	-	28050	28053	28051	28052	10
12	2	1-1/2		2,069	28060	28063	28061	28062	-	19-1/2
14	2	1-1/2		1,773	28070	28073	28071	28072	-	28

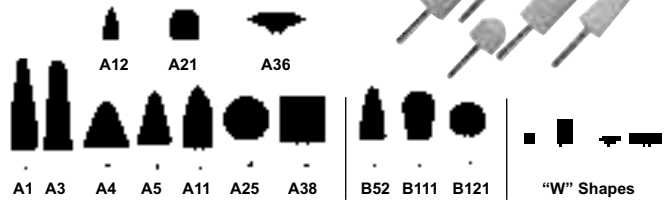
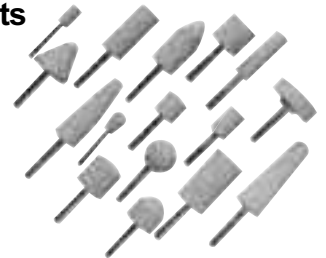
Green Silicon Carbide

A Dia.	Size (in)			Max. RPM	Grades Available Part Numbers			Wt. (lbs)
	B Width	C Bore			GC60	GC80	GC120	
6	3/4	1		4,138	28100	28101	28102	1-1/2
6	1	1		4,138	28103	28104	28105	2
7	1	1		3,600	28113	28114	28115	2-1/2
8	1	1		3,600	28123	28124	28125	3-1/2
10	1	1-1/4		2,483	28140	28141	28142	6-1/2
10	1-1/2	1-1/4		2,483	28150	28151	28152	10
12	2	1-1/2		2,069	28160	28161	28162	19-1/2
14	2	1-1/2		1,773	28170	28171	28172	28

Vitrified Mounted Points

A60R

- Aluminum oxide grain
- For deburring & finishing**
- Primary application: Ferrous metals
- Shank length 1-1/2"



- "A" shapes are designed for offhand applications
- "B" shapes are designed for light deburring applications
- "W" shapes are for medium to heavy stock removal
- Mandrel overhang "O" must always be the lowest possible. Maximum speeds given refer to overhang "O" equal to 1/2"



Type	Size (in)		Shank Dia. (in)	Part No.	"O" = 1/2" Max RPM	Qty. Per Box
	Dia.	Length				
A1	3/4	2-1/2	1/4	27010	19,800	10
A3	1	2-3/4	1/4	27020	16,100	10
A4	1-1/4	1-1/4	1/4	27030	30,560	10
A5	3/4	1-1/8	1/4	27035	45,000	10
A11	7/8	2	1/4	27040	19,860	10
A12	11/16	1-1/4	1/4	27050	48,000	10
A21	1	1	1/4	27060	34,500	10
A25	1	Round	1/4	27070	35,620	10
A36	1-5/8	3/8	1/4	27086	23,520	10
A38	1	1	1/4	27088	34,500	10
B52	3/8	3/4	1/8	27110	45,370	20
B111	7/16	11/16	1/8	27120	33,750	20
B121	1/2	1/2	1/8	27130	45,370	20
W160	1/4	1/4	1/8	27308	81,370	10
W177	3/8	3/4	1/8	27310	33,750	20
W189	1/2	2	1/4	27327	24,000	10
W196	5/8	1	1/4	27329	35,250	10
W204	3/4	3/4	1/4	27320	42,750	10
W208	3/4	2	1/4	27330	18,750	10
W215	1	1/8	1/8	27338	38,200	10
W220	1	1	1/4	27360	25,500	10
W222	1	2	1/4	27340	15,900	10
W225	1-1/4	1/4	1/4	27350	30,560	10
W236	1-1/2	1/2	1/4	27349	25,470	10

Pressure Sensitive Adhesive Paper Discs Stearate

- Open coat structure prevents loading
- Use dry only
- Excellent for automotive body work
- For removing varnish from wood or sanding fiberglass in the marine industry
- Primary application: Body filler, paint, fiberglass, etc.



- Secondary application: Ferrous &/or non-ferrous materials
- Available in weights:
 - "B" - light weight, high flexibility
 - "D" - heavy weight, low flexibility

Size (in)	Grit	Part Nos.		
		w/o Vacuum Holes	w/Vacuum Holes	
5" (5 Vacuum Holes)	80D	36500	36510	
	100B	36501	36511	
	120B	36502	36512	
	150B	36503	36513	
	180B	36504	36514	
	220B	36505	36515	
	240B	36506	36516	
	320B	36508	36518	
	400B	36509	36519	
	6" (6 Vacuum Holes)	80D	36600	36610
		100B	36601	36611
		120B	36602	36612
150B		36603	36613	
180B		36604	36614	
220B		36605	36615	
240B		36606	36616	
320B		36608	36618	
400B		36609	36619	

Abrasives

SAIT - United Abrasives, Inc.

SAIT ACCESSORIES

Backing Pads for Resin Fiber Discs

- Spiralcool™ backing pads' exclusive rubber, fabric, and fiber board construction provide extra strength and reliability
- Spiral ribs provide contact points and form channels for air flow extending disc life 30% to 50%
- Each pad is supplied with a nut as indicated
- For the 10mm arbor pad specify nut:
#95044 for 1.5 nut or #95043 for 1.25 nut

NOTE: This backing pad is not to be used SAIT-LOK™ quick change fiber discs

Size (in)	Arbor	Grade Available Part No.			Max. RPM
		Soft	Med.	Hard	
4	5/8-11 Thread	-	95010	-	12,000
4-1/2*	5/8	-	95011	-	11,000
4-1/2	1/2	-	95012	-	11,000
4-1/2	10mm	-	95013	-	11,000
4-1/2	14mm	-	95015	-	11,000
5	5/8	-	95016	-	10,000
7	5/8-11 Thread	95017	-	-	7,000
7	5/8-11 Thread	-	95018	95019	8,500
9	5/8-11 Thread	95020	95021	95022	6,500



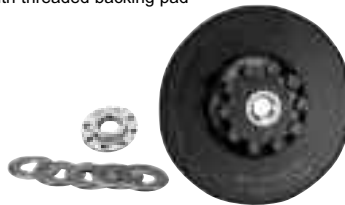
* 95011 also used on SAITBLEND™ discs

SAIT-LOK™ Backing Pads for Resin Fiber Discs

- Smooth face backing pad for SAIT-LOC™ fiber disc
- Minimizes change-over downtime
- No additional mounting hardware required
- Each pad is supplied with nut and washers

NOTE: SAIT-LOK™ disc must be used with threaded backing pad

Size (in)	Part No.
*4-1/2 x 5/8-11	95023
4-1/2 x 5/8-11	95025
*5 x 5/8-11	95024
5 x 5/8-11	95026
7 x 5/8-11	95027
9 x 5/8-11	95028



*Low profile for short spindles

Center Nuts

- For attaching fiber discs to backing pad and tool
- Use small* for 4", 4-1/2", 5" diameter pads
- Use large* for 7", 9" diameter pads

Description	Part No.
5/8-11 Small*	95040
5/8-11 Large*	95041
1/2-13	95042
M10 x 1.25	95043
M10 x 1.5	95044
M14 x .0	95045



Type 1 Cut-Off Adapters

- For use with Type 1 Thin High Speed Cut-Off wheels only

Shank	Arbor	Part No.
1/4 x 1/4		95002
1/4 x 3/8		95003
1/4 x 1/2		95004



Type 27 Reusable Adapter Kit

- For use with Type 27 wheels on 7" and 9" 5/8-11 spindle grinders
- Alternative to a throwaway hub

Description	Part No.
Reusable Adapter Kit	95000



Type 1 & 27 Reusable 5/8-11 Adapter

- Reusable 5/8-11 adapter for use on Type 1 and Type 27 reinforced wheels with a 7/8 arbor, a max. diameter of 5" and a wheel thickness of .045 to 1/8"

Description	Part No.
5/8-11 Reusable Adapter	95055



Type 1 Cut-Off Wheel Reducing Bushings

- For use with Type 1 Cut-Off wheels
- Reduces wheel arbor size
- Skin packaged in quantities of 10 per pkg.

Size	Part No.
1-5/8	95030
1-20mm	95031
1-7/8	95032
1-3/4	95033
7/8-5/8	95034
Dia. 5/8	95035
Dia. 1/2	95036
1/2-3/8	95037



PSA Backing Pads

- For use with PSA adhesive backed sanding discs
- 1/4" Shank pads
- Threaded pads for dual action/random orbital sanders and right angle grinders/sanders

Size (in)	Part No.
1-1/2 x 1/4	95060
2 x 1/4	95061
3 x 1/4	95062
4 x 1/4	95063
5 x 1/4	95064
5 x 5/16-24	95065
5 x 5/16-24 5 holes	95085
6 x 5/16-24	95066
6 x 5/16-24 6 holes	95086
7 x 5/8-11	95068
8 x 5/8-11	95067



Challenger Backing Pad

- For use with Challenger flexible grinding/blending wheels
- Set includes 5/8-11 nut and pad

Description	Part No.
Pad for 4-1/2 & 5" Challenger	95039
Pad for 7" Challenger	95038



SAIT - United Abrasives, Inc.

Hook & Loop Backing Pads for Paper Discs

- For use with Hook & Loop backed paper discs
- Available in 5/16-24 thread

Description	Part No.
5 x 5/16-24	95047
5 x 5/16-24 5 holes	95057
5 x 5/16-24 8 holes	95058
6 x 5/16-24	95046
6 x 5/16-24 6 holes	95056



SAIT-LOK-R™ Backing Pads (Type R)

for Laminated, Surface Conditioning & Cotton Fiber Discs

- For use with SAIT-LOK-R™ laminated surface conditioning discs, cotton fiber discs
- Nylon threaded hub of disc twists into backing pad for secure fit
- Minimizes change-over downtime
- 1/4" shank

Size (in)	Part No.
1-1/2" Medium	95171
2" Medium	95172
3" Medium	95173

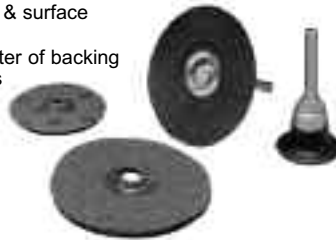


SAIT-LOK™ Backing Pads (Type S)

for Laminated & Surface Conditioning Discs

- For use with SAIT-LOK™ laminated & surface conditioning discs
- Disc twists into metal threaded center of backing pad for fast and easy disc changes
- 1/4" shank

Size (in)	Part No.
1" Medium	95165
1-1/2" Medium	95166
2" Medium	95167
3" Medium	95165



Abrasive Cleaning Stick

- For removing loaded material from sanding belts
- Increases abrasive life
- 100% natural rubber; environmentally safe
- Lasts twice as long as conventional (crepe) belt cleaners and will not cause gummy residue
- Size: 1-5/8" x 1-5/8" x 8"

Description	Part No.
Abrasive Cleaning Stick	95083



