



SUPERIOR *Abrasives*

Product Guide & Reference Manual



Mission Statement...

Our ambition is to separate ourselves from the common manufacturer. To institute integrity and honor during our relentless pursuit of new and profitable markets. To develop new and innovative products and processes based on our customers' needs. It is our intent to create an enjoyable working environment based solely on our uncompromising commitment to our boss, the customer!



CATALOG #24
 SUPERCEDES ALL PREVIOUS LITERATURE
 U.S. GOVERNMENT CAGE CODE #5N865
 For conditions of sales, see back inside cover.



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SHUR-BRITE® COMPETITIVE CROSS-REFERENCE

STANDARD BRITE RITE®	NORTON BEAR-TEX®	3M SCOTCH-BRITE®	SUPERIOR SHUR-BRITE®
<u>SURFACE CONDITIONING DISCS</u>			
GP Coarse / Rapid Cut	SCF / STE Coarse	Scrim Coarse	GD Coarse (Tan)
GP Medium / Rapid Cut	SCF / STE Medium	Scrim Medium	GD Medium (Maroon)
GP Very Fine / Rapid Cut	SCF / STE Very Fine	Scrim Very Fine	GD Very Fine (Blue)
—	—	Scrim S-Super Fine	GD Super Fine (Gray)
FE Coarse	—	—	FD Coarse (Tan)
FE Medium	—	—	FD Medium (Maroon)
FE Very Fine	—	—	FD Very Fine (Blue)
—	—	—	FD S-Super Fine (Gray)
—	STE-CS Coarse	SE Coarse	XE Coarse (Tan)
—	—	SE Medium	XE Medium (Maroon)
<u>SURFACE CONDITIONING BELTS</u>			
FE Coarse	—	SE Coarse	FLX Coarse (Tan)
FE Medium	—	SE Medium	FLX Medium (Maroon)
FE Very Fine	—	SE Very Fine	FLX Very Fine (Blue)
FE / Rapid Cut Coarse	L.S. Coarse	L.S. Coarse	L.S. Coarse (Tan)
FE / Rapid Cut Medium	L.S. Medium	L.S. Medium	L.S. Medium (Maroon)
—	—	L.S. Fine	L.S. Fine (Green)
FE / Rapid Cut Very Fine	L.S. Very Fine	L.S. Very Fine	L.S. Very Fine (Blue)
—	—	—	L.S. S-Super Fine (Gray)
—	—	—	FLT - Buff (White)
<u>FINISHING MATERIAL</u>			
—	—	Cut & Polish	Extra Cut A-Coarse (Tan)
G.P. Medium A/O	Standard Medium A/O	Clean Finish Medium A/O	Heavy Duty A-Medium (Maroon)
G.P. Fine A/O	Standard Fine A/O	Clean & Finish Fine A/O	Heavy Duty A-Fine (Maroon)
G.P. V. Fine A/O	Standard V-Fine A/O	Clean & Finish V. Fine A/O	Heavy Duty A-V.F. (Maroon)
Medium A/O Type F	High Strength Med.	High Strength Med. A/O	High Strength A-Med. (Maroon)
High Strength Fine	—	—	High Strength A-Fine (Maroon)
High Strength V. Fine A/O	High Strength V.F.	High Strength V. Fine A/O	High Strength A-V.F. (Maroon)
<u>HAND PADS</u>			
General Purpose A/O	General Purpose #747	General Purpose #7447	General Purpose-A/O (Maroon)
Heavy Duty A/O	Heavy Duty #740	Heavy Duty #7440	Heavy Duty-A/O (Tan)
Ultra Fine S/C	Final Shine #748	Ultra Fine S/C #7448	Ultra Fine-S/C (Gray)
Industrial	Scouring #796	Industrial #96	Industrial Scouring-A/O (Green)
Cleaning	Cleaning Pad #456	Cleaning Pad #7445	Cleaning-Non Abrasive (White)
—	—	—	Stainless Finishing - S/C (Black)
<u>CONVOLUTE WHEELS</u>			
Deburring 8AM	8AM Series 1000	EXL Deburring 8A Medium	Deburring 8A Med.
—	—	—	Deburring 9A Med.
Deburring 8SF	8SF Series 1000	EXL Deburring 8S Fine	Deburring 8S Fine
Deburring 9SF	9SF Series 1000	EXL Deburring 9S Fine	Deburring 9S Fine
—	8AM Series 4000	EX2 Deburring 8A Med.	XE Deburring 9A Med.
—	9SF Series 4000	EX2 Deburring 9S Fine	XE Deburring 10S Fine
General Purpose 7AM	7AM	General Purpose 6A Med.	Light Deburring 7A Med.
General Purpose 7AF	7AF	—	Light Deburring 7A Fine
General Purpose 7SF	7SF	Light Deburring 7S Fine	Light Deburring 7S Fine
—	—	General Purpose 6S Fine	Light Deburring 6S Fine
Metal Finishing 5A Coarse	Metal Finishing 5A Coarse	Metal Finishing 5A Coarse	Metal Finishing 6A Coarse
Metal Finishing 5A Medium	Metal Finishing 5A Medium	Metal Finishing 5A Medium	Metal Finishing 6A Medium
Final Finishing	Clean & Finish	Multi Finish	Multi-Cleaning
—	—	—	Final Polishing 2S Very Fine
<u>UNITIZED WHEELS</u>			
521	UW1-2AMED	EXL 2A Medium	XL Unitized 2A Medium
531	UW1-2A	EXL 2A Fine	XL Unitized 2A Fine
—	—	EXL 8A Coarse	XL Unitized 8A Coarse
—	—	EXL 8A Medium	XL Unitized 8A Medium
721	UW1-6AM	EXL 6A Medium	XL Unitized 6A Medium
632	UW1-6SF	EXL 6S Fine	XL Unitized 6S Fine
532 & 524	UW1-2SF	EXL 2S Fine	XL Unitized 2S Fine

SHUR-BRITE®

SURFACE CONDITIONING PRODUCTS



SUPERIOR ABRASIVES SURFACE CONDITIONING SOLUTIONS

FD



FD or Finish Duty products enable the operator to prepare the work piece with a required surface finish.

FEATURES:

- Provide a consistent cut rate
- Maintain a repeatable measured finish
- Added flexibility

GD



GD or Grind Duty products provide an aggressive cut when a specific finish is not needed.

FEATURES:

- Aggressively blend welds and remove burrs
- Sustain a high cut rate
- Maintain a durable edge

FLEX

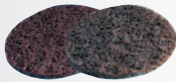


FLEX is a highly flexible surface conditioning material specially formulated to ensure outstanding grain retention.

FEATURES:

- Perfect for Dynaflex® tools
- Great edge wear for demanding jobs
- Aggressively maintains a consistent finish

XE



XE or High Performance products feature a complex resin chemistry with advanced aluminum oxide grain for extended durability and aggression.

FEATURES:

- Highest stock removal
- Firm cutting action for flat surfaces
- Long life

LS



LS or Low Stretch surface conditioning material is designed to resist stretching for precise, repeatable finishes.

FEATURES:

- Ideal for CNC robotic applications
- Great edge wear for demanding jobs
- Aggressively maintains a consistent finish

Surface conditioning material is comprised of several components which drive the product's performance. It's scrim, or woven substrate, supports a nylon fibrous mesh. The nylon fibers are the cushioning foundation which carries the grain media providing the cutting action. The grain composition is bonded to the filaments with a complex resin chemistry. The open construction of non-woven material enables aggressive cutting action while inherently maintaining a cooler performing tool.

GRIT COMPARISON CHART

	Grain**	Color	FD	GD	FLEX	XE*	LS
Coarse	A/O	Brown	60	50-60	60	50-60	50-60
Medium	A/O	Maroon	80-120	60-100	80-120	60-100	60-100
Very Fine	A/O	Blue	180-240	180-220	180-240	—	180-220
Super Fine	S/C	Gray	240-320	220-320	—	—	220-320

**A/O = Aluminum Oxide

**SC = Silicon Carbide

MATERIAL CHARACTERISTICS

Material	Consistent Finish	Most Aggressive	Longest Life
FD	→	→	→
GD	→	→	→
FLEX	→	→	→
XE	→	→	→
LS	→	→	→

Use our handy application chart to guide you to the right tool for the job!

Application Symbols

Good



Better



Best



GENERAL APPLICATION GUIDE

Applications	FD	GD	XE
General Deburring	●	●	●
Heavy Stock Removal	○	●	●
Removal of Weld Splatter	◐	●	●
Removal of Flashing	◐	●	●
Blending of Parting Lines	●	◐	○
Blending of Tool Marks	●	◐	○
Blending Coated Abrasive Scratch Patterns	●	○	○
Cleaning up Corrosion	●	●	●
Removing Paint	●	○	○
Coating Removal	◐	◐	◐
Removal of Gaskets and Adhesives	◐	○	○
Removal of Scale	●	●	●
Surface Preparation Before Plating	●	●	●

PRODUCT GUIDE

Product	FD	GD	XE	FLEX	LS
Discs	Yes	Yes	Yes	No	No
Belts	Yes	Yes	Yes	Yes	Yes
Specialties	Yes	Yes	No	Yes	No

FD GD QUICK CHANGE DISCS

Characteristics/Applications	FD	Materials	GD	Tool Selector
<ul style="list-style-type: none"> • Deburring and surface prep • Stock removal and leveling • Blending and finishing • Weld splatter removal • Scale removal • Rust removal 	<ul style="list-style-type: none"> ● ● ● ● ● ● 	<ul style="list-style-type: none"> • Ferrous • Non-Ferrous • Stainless • Exotics • Plastics • Metal Matrix 	<ul style="list-style-type: none"> ● ● ● ● ○ ● 	



SIZE	MAX RPM	GRIT	STD. PKG.	TYPE "S"		TYPE "R"	
				FD PART #	GD PART #	FD PART #	GD PART #
1 1/2"	25,000	A/O-Coarse	100	10541	10541B	10550	10550B
		A/O-Med.		10542	10542B	10551	10551B
		A/O-V.F.		10543	10543B	10552	10552B
		S/C-Super Fine		38456	38456B	38459	38459B
2"	25,000	A/O-Coarse	50	10544	10544B	10553	10553B
		A/O-Med.		10545	10545B	10554	10554B
		A/O-V.F.		10546	10546B	10555	10555B
		S/C-Super Fine		38457	38457B	38460	38460B
3"	20,000	A/O-Coarse	25	10547	10547B	10556	10556B
		A/O-Med.		10548	10548B	10557	10557B
		A/O-V.F.		10549	10549B	10558	10558B
		S/C-Super Fine		38458	38458B	38461	38461B
4"	12,000	A/O-Coarse	25	—	—	32120	32120B
		A/O-Med.		—	—	18354	18354B
		A/O-V.F.		—	—	18353	18353B
		S/C-Super Fine		—	—	41382	41382B

Test Kits - Page 54.

Holders - Page 27.

Mounting Systems

Type - "R"



Equal to LockIt®, PowerLock III® & Roloc TR®

Type - "S"

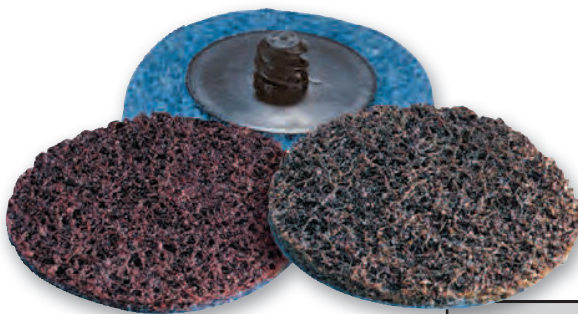


Equal to SocAtt®, PowerLock II® & Roloc TSM®

Superior support



Our military grade nylon button removes the risk of corrosion, problematic of metal fastening systems.



XE QUICK CHANGE DISCS - A/O

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> • Weld grinding & splatter removal • Firm cutting action for flat surfaces • Heavy deburring • Heavy rust removal • Heavy scale removal • Laser cut edge deburring 	<ul style="list-style-type: none"> ● Ferrous ○ Non-Ferrous ○ Stainless ● Exotics ○ Plastics ○ Metal Matrix 	

SIZE	MAX RPM	GRIT	STD. PKG.	TYPE "S" PART #	TYPE "R" PART #
1 1/2"	25,000	CA-Coarse	100	40412	40418
		CA-Med.		40413	40419
2"	25,000	CA-Coarse	50	40414	40420
		CA-Med.		40415	40421
3"	20,000	CA-Coarse	25	40416	40422
		CA-Med.		40417	40423
4"	12,000	CA-Coarse	25	—	41383
		CA-Med.		—	41384

Holders - Page 27.

Red Part Numbers Are Stock Items

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Quote Fax: 877-420-1952

EDGD HOOK 'N LOOP DISCS

Characteristics/Applications	FD	Materials	GD	Tool Selector
<ul style="list-style-type: none"> • Deburring and surface prep • Stock removal and leveling • Blending and finishing • Weld splatter removal • Scale removal • Rust removal 	<ul style="list-style-type: none"> ● ● ● ● ● ● 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Stainless Exotics Plastics Composites Metal Matrix 	<ul style="list-style-type: none"> ● ● ● ● ○ ○ 	



SIZE	MAX RPM	GRIT	STD. PKG.	FD PART #	GD PART #	HOOK 'N LOOP DISC HOLDERS	MAX RPM	PART #		
4"	8,000	A/O-Coarse	20	10577	10577B	4" x 1/4" Shank	15,000	10598		
		A/O-Med.		10578	10578B					
		A/O-V.F.		10579	10579B	4" x 5/8 - 11			4,800	10599
		S/C-Super Fine		38799	38799B					
4 1/2"	8,000	A/O-Coarse	20	10580	10580B	4 1/2" x 5/8 - 11	4,800	10600		
		A/O-Med.		10581	10581B					
		A/O-V.F.		10582	10582B	4 1/2" x 5/8 - 11			4,800	10600
		S/C-Super Fine		38800	38800B					
4 1/2" x 7/8" AH	8,000	A/O-Coarse	20	41323	41323B	See page 49 for nut and pad				
		A/O-Med.		42774	42774B					
5"	7,000	A/O-Coarse	20	10583	10583B	5" x 5/8 - 11	4,800	10601		
		A/O-Med.		10584	10584B					
		A/O-V.F.		10585	10585B	5" x 5/16- 24			10,000	10602
		S/C-Super Fine		38801	38801B					
5" x 7/8" AH	7,000	A/O-Coarse	20	27147	27147B	See page 49 for nut and pad				
		A/O-Med.		35599	35599B					
7"	6,000	A/O-Coarse	20	10589	10589B	7" x 5/8 - 11	4,800	10605		
		A/O-Med.		10590	10590B					
		A/O-V.F.		10591	10591B	7" x 5/8 - 11			4,800	10605
		S/C-Super Fine		38802	38802B					
8"	5,000	A/O-Coarse	20	10592	10592B	8" x 5/8 - 11	4,800	10606		
		A/O-Med.		10593	10593B					
		A/O-V.F.		10594	10594B	8" x 5/8 - 11			4,800	10606
		S/C-Super Fine		38803	38803B					

Other sizes available.

XE

HIGH PERFORMANCE



Superior support

To increase life and improve finish, surface conditioning material should be run at a lower rpm.

HOOK 'N LOOP DISCS - A/O

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> • Weld blending & splatter removal • Firm cutting action for flat surfaces • Heavy deburring • Oxidation removal • Heavy flash removal 	<ul style="list-style-type: none"> ● Ferrous ○ Non-Ferrous ● Stainless ● Exotics ○ Plastics ○ Metal Matrix 	

SIZE	MAX RPM	GRIT	STD. PKG.	PART #
4"	8,000	CA-Coarse	20	40402
		CA-Med.		40403
4 1/2"	8,000	CA-Coarse	20	40404
		CA-Med.		40405
4 1/2" x 7/8" AH	8,000	CA-Coarse	20	46571
		CA-Med.		46572
5"	7,000	CA-Coarse	20	40406
		CA-Med.		40407
5" x 7/8" AH	7,000	CA-Coarse	20	40568
		CA-Med.		40569
7"	6,000	CA-Coarse	20	40408
		CA-Med.		40409
8"	5,000	CA-Coarse	20	40410
		CA-Med.		40411

Holders above.

Other sizes available.

Red Part Numbers Are Stock Items
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FD GD STARS - A/O

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> ID cleaning of tubes & cylindrical parts ID deburring of drilled holes Edge deburring of cut cylindrical parts Leaves a consistent finish Sanding an ID to specific size Chamfering recessed areas 	<ul style="list-style-type: none"> ● Ferrous ● Non-Ferrous ● Stainless ● Exotics ● Composites 	



QUICK CHANGE STARS

SIZE	TYPE	STD. PKG.	GD COARSE PART #	GD MEDIUM PART #	GD VERY FINE PART #
2"	"R"	50	45590	45591	45592
3"		25	45594	45595	45596
4"		25	45598	45599	45600

MANDREL MOUNTED STARS

SIZE	EYELET	STD. PKG.	FD COARSE PART #	FD MEDIUM PART #	FD VERY FINE PART #
1 1/2"	1/4-20	50	28832	28833	28834
2"	1/4-20	50	28835	28836	28837
3"	1/4-20	25	28838	28839	28840
4"	1/4-20	25	28841	28842	28843
4 1/2"	1/4-20	25	28844	28845	28846
5"	1/4-20	25	36910	38443	38444

Superior support



Quick change stars must be used in conjunction with an undersized holder. See holder chart below.



GD

FLAP DISCS - A/O



Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Blending scratch patterns after resin fibre disc or flap disc operation Firm cutting action for flat surfaces Removal of oxidation and surface treatments Weld cleaning Great for machine refurbishing 	<ul style="list-style-type: none"> ● Ferrous ● Non-Ferrous ● Stainless ● Exotics ○ Plastics ● Metal Matrix ● Wood 	

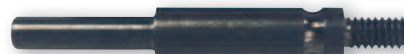
SIZE	MAX RPM	STD. PKG.	COARSE PART #	MEDIUM PART #	VERY FINE PART #
4 1/2" x 7/8"	13,300	5	46582	46583	46584
4 1/2" x 5/8-11			46640	46641	46642

MANDRELS

STYLE	DESCRIPTION	PART #
EM-4	1/4-20 x 3" Long - 1/4" SK.	12219
EM-46	1/4-20 x 6" Long - 1/4" SK.	42815

TYPE R HOLDERS & EXTENSIONS - 1/4" SHANK

STYLE	MAX RPM	DESCRIPTION	PART #
1"	40,000	Fits 2" Star	11273
1 1/2"	25,000	Fits 3" Star	11274
2"	25,000	Fits 4" Star	11275
SK-144	—	1/4" x 4" Long Ext.	39207
SK-146	—	1/4" x 6" Long Ext.	39208
SK-148	—	1/4" x 8" Long Ext.	39209



Extension



Type "R"

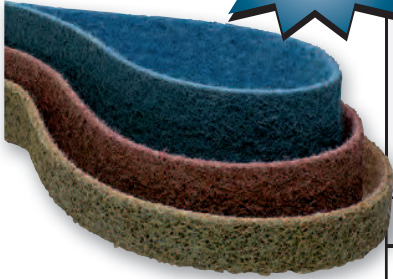
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NEW!
Fine Grit
Available



FLEX BELTS - A/O

Characteristics/Applications		Materials	Tool Selector	
<ul style="list-style-type: none"> Highly flexible with outstanding edge durability Great for mold and die work Creates linear scratch pattern on stainless for the food equipment industry Removes oxidation, paint, and adhesives leaving a smear-free finish Weld splatter and scale removal Blending tool marks or removing discoloration created by heat Reduces surface roughness and re-orient's surface scratch patterns 		<ul style="list-style-type: none"> Ferrous Non-Ferrous Stainless Plastics Metal Matrix Exotics Composites 		
SIZE	STD. PKG.	COARSE PART #	MEDIUM PART #	VERY FINE PART #
1/2" x 18"	24	10607	10608	10609
1/2" x 24"	20	10610	10611	10612
3/4" x 18"	20	10613	10614	10615
3/4" x 20 1/2"	20	10616	10617	10618
2 3/4" x 15 1/2"	10	10619	10620	10621
3" x 10 1/16"	10	30069	18512	30070
3" x 21"	8	21341	21342	24603
3" x 24"	8	10646	10647	10648
3 1/2" x 15 1/2"	10	10622	10623	10624
4" x 24"	6	10652	10653	10654

Other sizes available.

Superior support



Surface conditioning belts run cooler than coated belts reducing part discoloration, improving life, finish, and reducing cycle time.

NEW!
Fine Grit
Available

S BELTS - A/O



Characteristics/Applications		Materials	Tool Selector
<ul style="list-style-type: none"> High edge durability for deburring Weld blending creating a smooth surface profile Surface preparation with a linear grain scratch pattern Ideal for robotic applications when consistent repeatable finish is needed Weld splatter and scale removal Blending tool marks or removing discoloration created by heat Removes heavy scale and reduces surface roughness 		<ul style="list-style-type: none"> Ferrous Non-Ferrous Stainless Plastics Metal Matrix Exotics Composites 	

SIZE	STD. PKG.	COARSE PART #	MEDIUM PART #	VERY FINE PART #
1" x 42"	12	10625	10626	10627
1" x 72"	12	44383	43883	27457
1" x 132"	12	18434	18435	44125
2" x 48"	6	10628	10629	10630
2" x 60"	6	10631	10632	10633
2" x 72"	6	10634	10635	10636
2" x 132"	6	10637	10638	10639
2 1/2" x 60"	5	10643	10644	10645
3" x 132"	4	10649	10650	10651
4" x 54"	6	10658	10659	10660
4" x 132"	3	10661	10662	10663
4" x 168"	3	40627	38894	40628
6" x 48"	4	10664	10665	10666

Fine and S-Super Fine grits are available, call for part # and price.

Other sizes available.

Red Part Numbers Are Stock Items
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SURFACE CONDITIONING PRODUCTS

SUPERIOR ABRASIVES

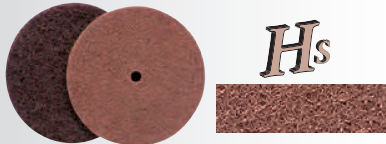
SATIN FINISHING FAMILY OF PRODUCTS



HD A/O or Heavy Duty products incorporate high quality fibers with flexible resin technology. This, combined with high mineral content, gives you an extremely conformable satin abrasive tool.

FEATURES:

- Aluminum oxide grain ensures long life
- Open construction allows for aggressive cutting action
- Conformability enables the operator to reach troublesome areas



HS or High Strength material utilizes advanced resin technology in conjunction with a reinforced fibrous mesh. This combination yields the strongest, longest lasting, conformable satin tool.

FEATURES:

- The most durable product in the finishing family
- Tough fibrous mesh resists snagging and tearing
- Open construction runs cool and resists loading



HD S/C or Heavy Duty products incorporate high quality fibers with flexible resin technology. This, combined with higher mineral content, gives you an extremely conformable satin tool.

FEATURES:

- Silicon carbide grain ensures aggressive cutting action.
- The specialized grain is ideal for polishing all types of metals and sculptures
- Open mesh construction allows the operator cushioned control



FLT or Felt Buff is a non-abrasive material which can carry abrasive media, such as abrasive compounds. The absorbant fibers cushion the abrasive media, giving the operator the power to finesse the finish needed.

FEATURES:

- Non-abrasive construction
- Durable nylon fibers
- Uniform thickness

FINISH GUIDE

Grit	Grain*	HD A/O	HS	FLT	**Grain	HD S/C
Coarse	A/O	Matte Finish	—	—	S/C	Grain Finish
Medium	A/O	Grain Finish	Grain Finish	—	S/C	Low Polish
Fine	A/O	Grain Finish	Grain Finish	—	S/C	Low Luster
Very Fine	A/O	Low Polish	Low Polish	—	S/C	Luster
Non-Abrasive	No Grain	—	—	High Luster	—	—

*A/O = Aluminum Oxide

**S/C = Silicon Carbide



GENERAL APPLICATION GUIDE

Applications	HD A/O	HS	HD S/C	FLT
Light Deburring	●	●	○	—
Light Blemish Removal	●	●	◐	—
Light Bending of Handling Marks	●	●	◐	—
Light Removal of Surface Oxidation	●	●	◐	—
Blending Fine Coated Abrasive Scratch Patterns	●	●	●	—
Removing Flash from Plastic Parts	●	●	○	—
Gear and Thread Cleaning and Deburring	◐	●	◐	—
Cleaning Moderate Corrosion	○	◐	○	—
Blending of Light Tool Marks	○	◐	○	—
Moderate Deburring	○	◐	○	—
Blending Parting Lines	○	◐	○	—
Finishing Stainless Steel Equipment	◐	◐	●	—
Polishing	○	○	●	●
Decorative Finishing	◐	◐	●	●
Off Hand Finishing and Polishing	◐	○	●	●
Buffing to a High Luster	—	—	—	●

PRODUCT GUIDE

Applications	HD A.O.	HS	HD S/C	FLT
Discs	YES	YES	YES	YES
Belts	NO	NO	NO	YES
Wheels	YES	YES	YES	YES
Specialties	YES	YES	YES	YES

COMPETITIVE CROSS-REFERENCE

Company	Materials			
Superior Abrasives	HD A/O	HS	HD S/C	FLT
3M	Clean & Finish	Clean & Finish H.S.	Clean & Finish	Buff & Polish
Norton	Bear Tex Finishing	High Strength	Bear Tex Finishing	N/A
Merit	Buffing Discs	High Strength	N/A	Felt Polishing Discs
Standard Abrasives	Buff & Blend	High Strength/Type F	N/A	Felt Polishing Discs

HD_{A/O}



Superior support

MATERIAL CHARACTERISTICS

Material	Density	Flexibility	Longest Life
HD A/O	→	→	→
HS	→	→	→
HD S/C	→	→	→

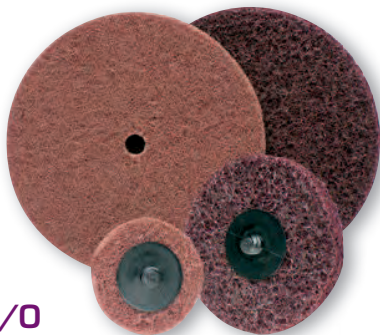
SATIN DISCS - A/O

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Light blending of handling marks Remove micro burrs Decorative finishing Light oxidation removal Flash removal on plastic parts Lacquer sanding 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Stainless Plastics Composites Wood 	

SIZE	MAX RPM	GRIT	STD. PKG.	TYPE "S" PART #	TYPE "R" PART #
2"	12,000	Coarse	50	10511	38213
		Medium		10512	40170
		Fine		10513	46649
		Very Fine		10514	38214
3"	8,000	Coarse	25	10515	40508
		Medium		10516	39911
		Fine		10517	46585
		Very Fine		10518	39931
6" 1/2" Hole	3,600	Coarse	25		46586
		Medium		25913	
		Fine		16120	
		Very Fine		17124	
8" 1/2" Hole	2,700	Coarse	25		46587
		Medium		10531	
		Fine		10532	
		Very Fine		10533	

Other sizes and arbor holes available. Coarse = 3M Cut & Polish®.

HS



SATIN DISCS - A/O

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Gear and thread cleaning and deburring Blending of light tool marks Edge deburring on extrusions Finishing brass and steel metal stampings Moderate rust and adhesive removal Final finishing on aerospace parts 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Stainless Exotics Composites Wood 	

SIZE	MAX RPM	GRIT	STD. PKG.	TYPE "S" PART #	TYPE "R" PART #
2"	12,000	Medium	50	46588	38857
		Fine		46589	38858
		Very Fine		46590	38859
3"	8,000	Medium	25	46591	38860
		Fine		46592	38861
		Very Fine		46593	38862
6" 1/2" Hole	3,600	Medium	25	34470	
		Fine		40610	
		Very Fine		40611	
8" 1/2" Hole	2,700	Medium	25	21554	
		Fine		40612	
		Very Fine		40613	

Other sizes and arbor holes available.

HD_{S/C}



SATIN DISCS - S/C

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Grain matching of stainless steel parts Final finishing of jewelry and charms Final finishing of molded parts, sculptures Edge preparation of glass Final finishing of aerospace parts Final finish before plating 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Stainless Exotics Plastics Composites 	

SIZE	MAX RPM	GRIT	STD. PKG.	TYPE "S" PART #	TYPE "R" PART #
2"	12,000	Medium	50	46594	46597
		Fine		46595	46598
		Very Fine		46596	46599
3"	8,000	Medium	25	46600	46603
		Fine		46601	46604
		Very Fine		46602	46605
6" 1/2" Hole	3,600	Medium	25		46606
		Fine			46607
		Very Fine			46608
8" 1/2" Hole	2,700	Medium	25		46609
		Fine			46610
		Very Fine			46611

Other sizes and arbor holes available.

Disc Holders - Page 27.

Red Part Numbers Are Stock Items
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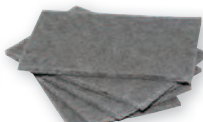
GENERAL PURPOSE

- Aggressive cutting action
- Durable construction
- Can be used with most solvents
- Great for blending, light deburring, cleaning
- Sand lacquered wood



HEAVY DUTY

- Highest concentration of abrasive grain
- Tough reinforced fiber mesh
- Great for rust, oxidation removal
- Removes powder coatings
- Sharp burr removal



ULTRA FINE

- Ideal for decorative finishing
- Polishing jewelry and charms
- Imparts final finish on sculptures
- Polishes marble, precious stones
- Wood defuzzing



INDUSTRIAL SCOURING

- Great for food prep clean-up
- Cleaning aluminum
- Removing paint splatter, overspray
- Ideal for oil and grime removal
- Removes caked on corrosion



STAINLESS FINISHING

- Designed to impart grain finish on stainless steel
- Cleans discoloration from stainless steel
- Removes residue
- Great to reorient scratch patterns
- Blend tool marks



NON-ABRASIVE

- Great media for transporting polishing compounds
- Ideal for non-abrasive cleaning and buffing

HAND PADS 6" X 9"

TYPE	COLOR	STD. PKG.	PART #
General Purpose - A/O	Maroon	1 Case (60 Pads)	10473
General Purpose - A/O	Maroon	60 Pads Bulk	34569
General Purpose XS - A/O	Maroon	1 Case (60 Pads)	49366
Heavy Duty - A/O	Tan	1 Case (60 Pads)	10474
Ultra Fine - S/C	Gray	1 Case (60 Pads)	10475
Industrial Scouring - A/O	Green	1 Case (60 Pads)	10476
Stainless Steel - S/C	Black	1 Case (60 Pads)	40754
Cleaning-Non Abrasives	White	1 Case (60 Pads)	34961
Hand Pad Holder			Part #: 43934



SATIN FINISHING ROLLS

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> • Cleaning and polishing lathe parts • Blending of light tool marks and parting lines • Removing micro burrs from orthoses • Mold and die cleaning • Can be used with most solvents and chemicals • Sanding lacquer • Final finishing on aerospace parts 	<ul style="list-style-type: none"> ● Ferrous ● Non-Ferrous ● Stainless ● Plastics ● Composites ● Wood 	

SIZE	GRIT	STD. PKG.	PART #
4" x 30'	A/O - Medium	1	30537
	A/O - Fine		30538
	A/O - Very Fine		30539
	S/C - Ultra Fine		30540
6" x 30'	A/O - Medium	1	30541
	A/O - Fine		30542
	A/O - Very Fine		30543
	S/C - Ultra Fine		30544



ABRASIVE WOOL

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> • Ideal for part cleaning, won't rust • Can be used with most solvents and chemicals 	<ul style="list-style-type: none"> ● Ferrous ● Non-Ferrous 	

SIZE	GRADE	COLOR	FINISH	PART #
1 gallon box	A/O - COARSE	RED	2-3	39975
	A/O - MEDIUM	MAROON	1-0	39976
	S/C - FINE	GRAY	0	39977



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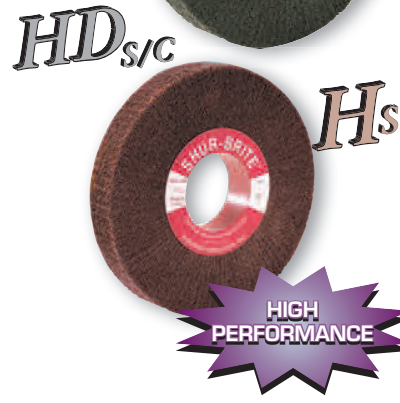
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SATIN FLAP BRUSHES

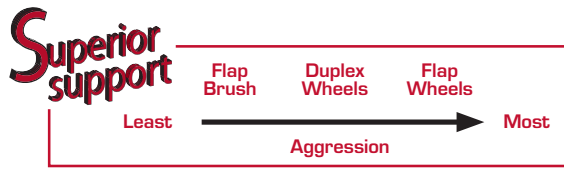
Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Removes burrs and micro burrs on threaded parts Wheel cushions for controlled work on irregular surfaces Finishing aluminum extrusions, brass, and stainless steel Fine scratch pattern for preparation of cutlery and cookware Re-orient grain finish on stainless steel and strike plates 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Stainless Extrusions Plastics Hardware 	

SIZE	MAX RPM	STD. PKG.	A/O MEDIUM PART #	S/C MEDIUM PART #	A/O FINE PART #	S/C FINE PART #
6" x 1" x 2"	3,400	5	28854	45066	28855	45065
6" x 2" x 2"			28857	46614	28858	46615
8" x 1" x 3"	3,200	3	28863	46204	28864	37348
8" x 2" x 3"			28866	46618	28867	46619
12" x 2" x 5"	2,500	1	32058	46620	32059	46621



HIGH STRENGTH FLAP BRUSHES - A/O

SIZE	MAX RPM	STD. PKG.	MEDIUM PART #	FINE PART #
6" x 1" x 2"	3,400	5	46622	46623
6" x 2" x 2"			46624	46625
8" x 1" x 3"	3,200	3	46626	46627
8" x 2" x 3"			46628	46629



MTD. SATIN FLAP BRUSHES - A/O

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Flexible, conforms to irregular surfaces in a hand held form Removes burrs and micro burrs on threaded parts Finishing aluminum extrusions, brass, and stainless steel Fine scratch pattern for preparation of cutlery and cookware Re-orient grain finish on stainless steel and strike plates 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Stainless Extrusions Plastics Hardware 	

SIZE	MAX RPM	STD. PKG.	COARSE PART #	MEDIUM PART #	FINE PART #
2" x 1" x 1/4"	13,000	10	43850	26877	35564
3" x 1" x 1/4"	8,600	10	43851	26881	35565
3" x 2" x 1/4"			43852	26883	35126



DUPLEX WHEELS - A/O



Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Blending scratch patterns left from coated abrasives Smooth cushioned sanding allows operator to finesse finish Heavy oxidation removal Edge deburring on extrusions and various metals Finishing brass and steel metal stampings Blending parting lines and cleaning welds 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Stainless Extrusions Plastics Hardware 	

SIZE	MAX RPM	GRIT	STD. PKG.	PART #
6" x 1" x 1"	3,400	80	5	10426
		120		10427
		180		10428
6" x 2" x 1"	3,400	80	5	10429
		120		10430
		180		10431

Reducer Bushings shown on page 19.

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MTD. DUPLEX WHEELS - A/O

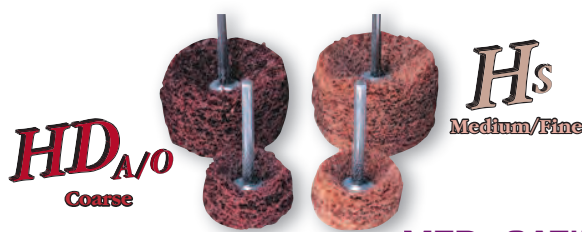
Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> One to One interleaf design in a hand held tool Blending scratch patterns left from coated abrasives Smooth cushioned sanding allowing operator to finesse finish Heavy oxidation removal Edge deburring on extrusions and various metals Finishing brass and steel stampings Blending parting lines and cleaning welds 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Stainless Exotics Plastics Hardware Wood 	



SIZE	MAX RPM	STD. PKG.	PART # 80 GRIT	PART # 120 GRIT	PART # 180 GRIT
2" x 1" x 1/4"	13,700	5	35644	35804	35795
3" x 1" x 1/4"	8,600	5	10467	10468	10469
3" x 2" x 1/4"			10470	10471	10472

Finishing Kit - Page 54.

Other grits available.



MTD. SATIN DISC WHEELS - A/O



Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Less aggressive sanding than traditional mtd. flap brushes Removes surface contaminants such as chemicals or grease Creates a satin finish without altering part geometry Smooth cushioned polishing Finishing brass, aluminum, and steels Sanding lacquered wood 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Stainless Exotics Plastics Wood 	

SIZE	MAX RPM	STD. PKG.	PART # CRS.	PART # MED.	PART # FINE
1" x 3/8" x 1/8"	20,000	10	46630	40433	40435
1" x 1/2" x 1/8"			46631	40434	40436
1 1/2" x 7/8" x 1/8"	13,000	10	46632	40437	40439
1 1/2" x 1" x 1/8"			46633	40438	40440

SIZE	MAX RPM	STD. PKG.	PART # MEDIUM	PART # FINE
2 3/8" x 1/2" x 1/4"	12,000	5	38182	38181
2 3/8" x 1" x 1/4"			10459	10460
2 3/8" x 2" x 1/4"			10461	10462
3" x 1/2" x 1/4"	8,000	5	38178	38179
3" x 1" x 1/4"			10463	10464
3" x 2" x 1/4"			10465	10466

Finishing Kit - Page 54.

GOBLET WHEELS - A/O

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Sink and vat polishing and cleaning Removing micro burrs from orthoses Concave sanding of extrusions Mold and die cleaning Rust and adhesive removal 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Stainless Plastics Wood 	



SIZE	PART # MED.	PART # FINE	REFILL MED.	REFILL FINE
2" x 2" x 1/4"	30608	30607	30612	30611
3" x 2" x 1/4"	30610	30609	30614	30613

Standard Package - 5 wheels.

Also Available: HD S/C.

Standard Package - 5 refills.

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SATIN FINISHING STARS - A/O

Hs



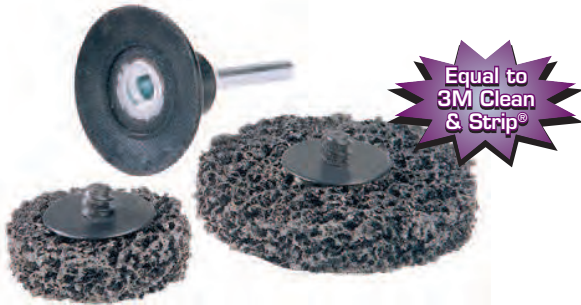
Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> • Open construction leaves a matte finish • ID polishing of tubes & cylindrical parts • Light duty removal of rust and paint • Very conformable to fit in tight areas • Won't gouge work piece • Consistent measurable finish 	<ul style="list-style-type: none"> ● Ferrous ● Non-Ferrous ● Stainless ○ Plastics ○ Exotics ○ Composites 	

SIZE	EYELET	PLY	GRIT	STD. PKG.	PART #
1 1/2"	1/4-20	2	Med.	50	42806
	1/4-20	2	Fine		43847
	1/4-20	2	V.F.		42807
2"	1/4-20	2	Med.	50	42808
	1/4-20	2	Fine		43848
	1/4-20	2	V.F.		42809
3"	1/4-20	2	Med.	25	42810
	1/4-20	2	Fine		43849
	1/4-20	2	V.F.		42811

S/C Available.

Mandrels - Page 6.

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Stripping products are safer than wire brushes.

STRIPPING DISCS TYPE "R" - S/C

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> • Tough open construction will not load • Aggressive stripping and cleaning on metal surfaces • Removes rust, corrosion, scale, paint, and adhesives • Great for weld cleaning and splatter removal • Removes surface coatings and surface contaminants • Ideal for maintenance and machine refurbishing 	<ul style="list-style-type: none"> ● Ferrous ● Non-Ferrous ● Stainless ○ Plastics ○ Exotics 	

SIZE	MAX RPM	GRIT	STD. PKG.	PART #	TYPE "R" HOLDERS	MAX RPM	PART #
2"	10,500	X-Coarse	50	34364	2" x 1/4" SK.	25,000	11275
3"	7,000	X-Coarse	25	34365	3" x 1/4" SK.	20,000	11276
4"	6,000	X-Coarse	10	41334	4" x 1/4" SK.	12,000	34992

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Equal to
3M Clean
& Strip®



STRIPPING DISCS - S/C

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Tough open construction will not load Aggressive stripping and cleaning on metal surfaces Removes rust, corrosion, scale, paint, adhesives Great for weld cleaning and splatter removal Removes surface coatings and contaminants Ideal for maintenance and machine refurbishing 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Stainless Plastics Exotics Metal Matrix Composites 	

ARBOR HOLE

SIZE	MAX RPM	GRIT	STD. PKG.	PART #
4" x 1/2" 1/4" Hole	8,000	X-Coarse	10	38699
4" x 1/2" 1/2" Hole	8,000	X-Coarse	10	34361
6" x 1/2" 1/2" Hole	5,500	X-Coarse	10	34362
8" x 1/2" 1/2" Hole	4,000	X-Coarse	10	34363
W-14-5 Mandrel 1/4" Arbor Hole 1/4" SK.			Part # 35733	
W-24 Mandrel 1/2" Arbor Hole 1/4" SK.			Part # 12216	



TYPE 27



SIZE	MAX RPM	GRIT	STD. PKG.	PART #
4 1/2" x 7/8"	11,000	X-Coarse	10	34366

STRIPPING WHEELS 1/4" SHANK - S/C

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Tough open construction will not load Aggressive stripping and cleaning Removes rust, corrosion, scale, paint, adhesives Great for weld cleaning and splatter removal Removes surface coatings and contaminants Ideal for maintenance & machine refurbishing 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Stainless Exotics Plastics Metal Matrix 	

SIZE	MAX RPM	GRIT	STD. PKG.	PART #
2" x 1/2" 1/4" Shank	16,000	X-Coarse	10	35805
2" x 1" 1/4" Shank	16,000	X-Coarse	10	35806
3" x 1/2" 1/4" Shank	10,500	X-Coarse	10	34359
3" x 1" 1/4" Shank	10,500	X-Coarse	10	34360
4" x 1/2" 1/4" Shank	8,000	X-Coarse	10	38446



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Won't change part geometry.

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XE DEBURRING WHEELS



Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Heavy deburring on a variety of metals Blending coated abrasive scratch patterns & tool marks Heat and smear resistant producing fast cut rates Edge breaking of large burrs on extrusions, stampings Polished parts prior to coating Imparting a radius on laser cut edges 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Stainless Exotics Plastics Metal Matrix 	

SIZE	DENSITY GRADE	STD. PKG.	PART #
6" x 1/2" x 1"	10 S Fine	4	40767
6" x 1/2" x 1"	9 A Medium	4	40766
6" x 1" x 1"	10 S Fine	3	40769
6" x 1" x 1"	9 A Medium	3	40768
8" x 1/2" x 3"	10 S Fine	4	40771
8" x 1/2" x 3"	9 A Medium	4	40770
8" x 1" x 3"	10 S Fine	3	40773
8" x 1" x 3"	9 A Medium	3	40772

A = Aluminum Oxide.

S = Silicon Carbide.

DEBURRING WHEELS

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Medium to heavy deburring on a variety of metals Blending coated abrasive scratch patterns & tool marks Heat and smear resistant producing fast cut rates Deburring extrusions and stampings Removing parting lines on castings and forgings Deburring punched holes and breaking laser cut edges 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Stainless Extrusions Plastics Exotics 	

SIZE	DENSITY GRADE	STD. PKG.	PART #
6" x 1/2" x 1"	8 S Fine	4	10497
6" x 1/2" x 1"	9 S Fine	4	10504
6" x 1" x 1"	8 A Medium	3	30606
6" x 1" x 1"	9 A Medium	3	24568
6" x 1" x 1"	8 S Fine	3	10498
6" x 1" x 1"	9 S Fine	3	10505
8" x 1/2" x 3"	8 S Fine	4	37495
8" x 1/2" x 3"	9 S Fine	4	10499
8" x 1" x 3"	8 A Medium	3	30617
8" x 1" x 3"	8 S Fine	3	10500
8" x 1" x 3"	9 S Fine	3	10506
8" x 2" x 3"	8 S Fine	2	10501
8" x 2" x 3"	9 S Fine	2	30362
12" x 1" x 5"	8 S Fine	2	10502
12" x 1" x 5"	9 S Fine	2	10507
12" x 2" x 5"	8 S Fine	2	10503
12" x 2" x 5"	9 S Fine	2	21110



LIGHT DEBURRING WHEELS

Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Blending of light milling marks and parting lines Moderate deburring Applying decorative finishes on a variety of metals Blending the surfaces of uneven parts Removal of light flashing Applying a specific finish on aerospace parts 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Stainless Extrusions Plastics Exotics 	

SIZE	DENSITY GRADE	STD. PKG.	PART #
6" x 1" x 1"	7 A Fine	3	10493
6" x 1" x 1"	7 A Medium	3	10494
6" x 1" x 1"	6 S Fine	3	10481
6" x 1" x 1"	7 S Fine	3	10492
8" x 1" x 3"	7 A Medium	3	21108
8" x 1" x 3"	7 S Fine	3	10496

Reducer Bushings - Page 19.

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METAL FINISHING WHEELS

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Blending scratch patterns left by traditional coated abrasives Blending tool marks Runs cool and is heat resistant on a variety of metals Leaves a grain finish on stainless steel parts Finish metal stampings and strike plates 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Stainless Extrusions Plastics Exotics 	

SIZE	DENSITY GRADE	STD. PKG.	PART #
6" x 1" x 1"	6 A Coarse	3	45396
6" x 1" x 1"	6 A Medium	3	45395
6" x 2" x 1"	6 A Coarse	2	45397
6" x 2" x 1"	6 A Medium	2	45398
8" x 1" x 3"	6 A Coarse	3	45400
8" x 1" x 3"	6 A Medium	3	45399
8" x 2" x 3"	6A Coarse	2	45401
8" x 2" x 3"	6A Medium	2	45402

A = Aluminum Oxide.

S = Silicon Carbide.



MULTI-CLEANING WHEELS

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> General purpose cleaning and light deburring Removes discoloration created by heat during the milling process Removes rust, paint, and slight imperfections Leaves a dull luster Good for edge breaking 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Stainless Extrusions Plastics Exotics 	

SIZE	DENSITY GRADE	STD. PKG.	PART #
6" x 1" x 1"	5 A Coarse	3	37498
6" x 1" x 1"	5 S Fine	3	10477
6" x 1" x 1"	5 S Medium	3	10478
6" x 2" x 1"	5 A Coarse	2	37499
6" x 2" x 1"	5 S Medium	2	10479
8" x 1" x 3"	5 S Medium	3	30688
8" x 2" x 3"	5 S Medium	2	30689

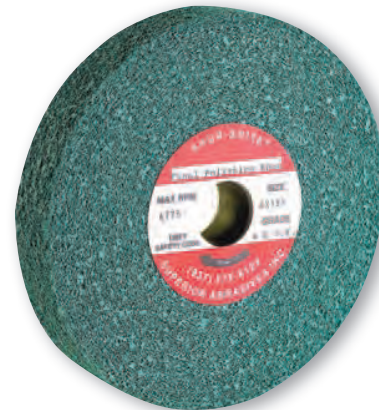


FINAL POLISHING WHEELS

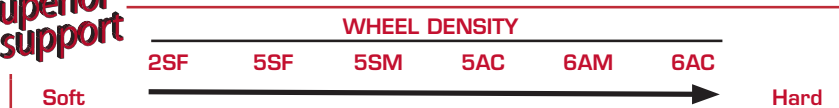
Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Specifically designed to polish with cushioned control Leaves a high luster on stainless steel Leaves a mirror finish on a variety of metals Brass and chrome polishing Will not alter part geometry 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Stainless Extrusions Exotics 	

SIZE	DENSITY GRADE	STD. PKG.	PART #
6" x 1/2" x 1"	2 S Very Fine		45108
6" x 1" x 1"	2 S Very Fine	1	45109
6" x 2" x 1"	2 S Very Fine		45110
8" x 1" x 3"	2 S Very Fine	1	45111
8" x 2" x 3"	2 S Very Fine		45112
12" x 1" x 5"	2 S Very Fine	1	45113
12" x 2" x 5"	2 S Very Fine		45114

Reducer Bushings - Page 19.



Superior support



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XL UNITIZED WHEELS



Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Designed to minimize heat buildup Cleaning and polishing Polishes soft metals prior to plating Finishing the surface of aerospace turbine blades 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Stainless Extrusions Plastics 	

SIZE	DENSITY GRADE	STD. PKG.	PART #
1" x 1" x 3/16"	6 S Fine	10	37459
	6 A Medium		37460
	8 A Medium		37461
	8 A Coarse		37462
1" x 1/8" x 1/8"	2 S Fine	10	41337
	6 A Medium		41338
	8 A Coarse		41339
1" x 1/4" x 1/8"	2 S Fine	10	41340
	6 A Medium		41341
	8 A Coarse		41342
1 1/2" x 1/4" x 1/4"	2 S Fine	10	41343
	6 A Medium		41344
	8 A Coarse		41345
2" x 1/4" x 1/4"	2 S Fine	10	37463
	6 A Medium		37464
	8 A Coarse		37465
3" x 1/4" x 1/4"	2 S Fine	10	37192
	2 A Medium		37466
	6 A Medium		37467
	8 A Medium		37468
3" x 1/2" x 1/4"	2 S Fine	10	37452
	6 A Medium		21111
	8 A Coarse		37453
4" x 1/4" x 1/4"	2 S Fine	10	37454
	8 A Coarse		37455
6" x 1/2" x 1"	2 S Fine	4	10487
	6 A Medium		37456
6" x 1" x 1"	2 S Fine	3	10488
	6 A Medium		37457
	8 A Medium		37458

MTD. XL UNITIZED

SIZE	DENSITY GRADE	STD. PKG.	PART #
1" x 1/8" x 1/8"	2 S Fine	10	40527
	6 A Medium		40528
	8 A Coarse		40529
1" x 1/4" x 1/8"	2 S Fine	10	40530
	6 A Medium		40531
	8 A Coarse		40532
1 1/2" x 1/4" x 1/4"	2 S Fine	10	40533
	6 A Medium		40534
	8 A Coarse		40535
2" x 1/4" x 1/4"	2 S Fine	10	40536
	6 A Medium		40537
	8 A Coarse		40538
3" x 1/4" x 1/4"	2 S Fine	10	40539
	6 A Medium		40540
	8 A Coarse		40541

A = Aluminum Oxide.
S = Silicon Carbide.

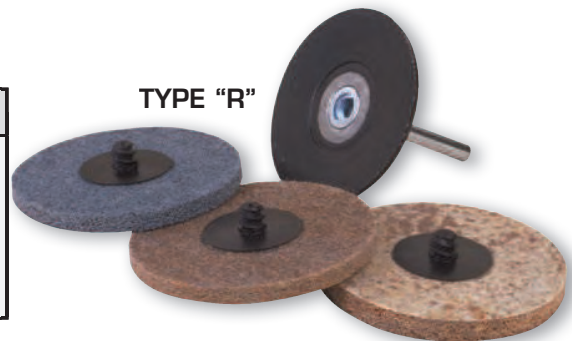
XL Kits - Page 54.

Reducer Bushings - Page 19.

Mandrels - Page 40.

XL UNITIZED DISCS

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Designed to minimize heat buildup General purpose cleaning and polishing Polishes soft metals prior to plating Finishing the surface of aerospace turbine blades Removes flashing from plastic injection molding Removes resins and adhesive overspray Finishing orthoses and surgical instruments 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Stainless Extrusions Plastics Exotics Composites 	



SIZE	DENSITY GRADE	MAX RPM	STD. PKG.	PART #	TYPE "R" HOLDERS	MAX RPM	PART #
2"	8 A Coarse	22,000	10	37503	2" x 1/4" SK.	25,000	11275
	6 A Medium			37504			
	2 S Fine			37505			
3"	8 A Coarse	15,000	10	37506	3" x 1/4" SK.	20,000	11276
	6 A Medium			37507			
	2 S Fine			37508			

Type "S" Available.

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SUPER-BRITE

FINISHING PRODUCTS

FINAL POLISHING UNITIZED DISCS

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Specifically designed to polish Leaves high luster on stainless steel Leaves mirror finish on variety of metals Will not alter part geometry 	<ul style="list-style-type: none"> ● Ferrous ● Non-Ferrous ● Stainless ● Extrusions 	

SIZE	DENSITY GRADE	STD. PKG.	PART #
1" x 1" x 3/16"	2 S Very Fine	10	45102
2" x 1/4" x 1/4"	2 S Very Fine	10	45103
2" x 1/2" x 1/4"	2 S Very Fine		45104
3" x 1/4" x 1/4"	2 S Very Fine	10	45105
3" x 1/2" x 1/4"	2 S Very Fine		45106

Mandrels - Page 40.



TYPE "R"

SIZE	MAX RPM	DENSITY GRADE	STD. PKG.	TYPE "R" PART #
2"	22,000	2 S Very Fine	10	45618
3"	15,000	2 S Very Fine		45620

Holders - Page 27.



Superior support



For optimum polishing, cut RPM in half.

FINAL POLISHING DISC - TYPE 27

Flat Face

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Specifically designed to polish Leaves a high luster on stainless steel Leaves a mirror finish on a variety of metals Brass and chrome polishing Will not alter part geometry Applies a decorative polish Soft cushioned control 	<ul style="list-style-type: none"> ● Ferrous ● Non-Ferrous ● Stainless ● Extrusions ○ Exotics ○ Composites 	

SIZE	MAX RPM	DENSITY GRADE	STD. PKG.	PART #
4 1/2" x 7/8"	11,000	2 S Very Fine	1	45107

UNITIZED DISCS - TYPE 27

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Specifically designed to minimize heat buildup General purpose cleaning and polishing flat surfaces Polishes soft metals prior to plating Finishing the surface of aerospace turbine blades Edge breaking on stamped or waterjet parts Removes resins, adhesive overspray, and contaminates/corrosion caused by chemical buildup 	<ul style="list-style-type: none"> ● Ferrous ● Non-Ferrous ● Stainless ● Extrusions ○ Plastics ● Titanium ○ Composites 	

SIZE	MAX RPM	DENSITY GRADE	STD. PKG.	PART #
4 1/2" x 7/8" 1/2" thick	11,000	4 A Coarse	5	49669
4 1/2" x 7/8" 1/2" thick	11,000	4 S Medium	5	49670
4 1/2" x 7/8" 1/2" thick	11,000	4 S V-Fine	5	49671



Flat Face

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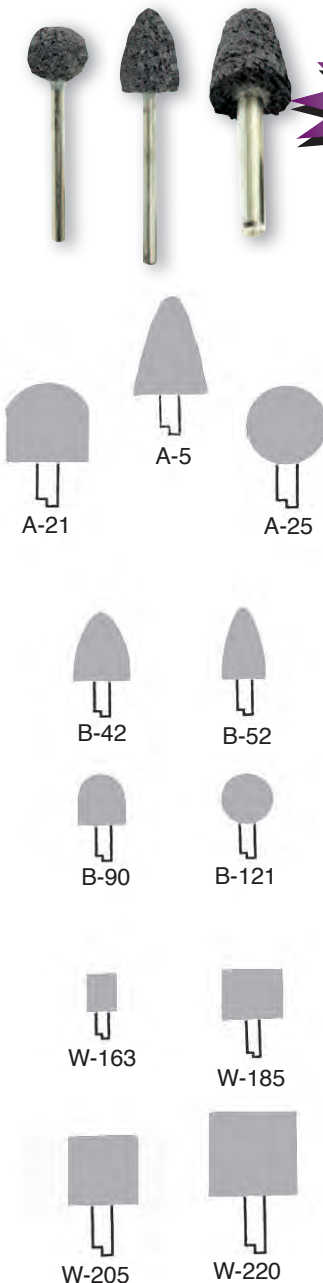
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XL UNITIZED MTD. POINTS 1/8" AND 1/4" SHANKS

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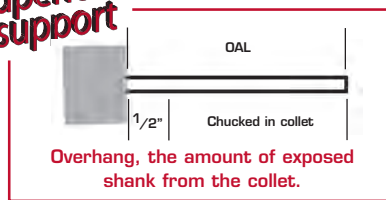
Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Specifically designed to minimize heat buildup General purpose cleaning and polishing Polishes titanium and special alloys Finishing the surface of aerospace turbine blades Removes flashing from plastic injection molding Removes resins and adhesive overspray Finishing orthoses and surgical instruments 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Stainless Extrusions Plastics Titanium Composites 	

SHAPE	SIZE	MAX RPM 1/2" OVERHANG	GRIT	STD. PKG.	PART #
A-5	3/4" x 1 1/8" x 1/4"	38,000	S Fine	10	43749
			A Medium		43750
A-21	1" x 1" x 1/4"	35,000	S Fine	10	43752
			A Medium		43753
A-25	1" x 1" x 1/4"	35,000	S Fine	10	43755
			A Medium		43756
B-42	1/2" x 3/4" x 1/8"	61,000	S Fine	10	43758
			A Medium		43759
B-52	3/8" x 3/4" x 1/8"	64,000	S Fine	10	43781
			A Medium		43782
B-90	1/2" x 1/2" x 1/8"	62,000	S Fine	10	43784
			A Medium		43785
B-121	1/2" x 1/2" x 1/8"	62,000	S Fine	10	43787
			A Medium		43788
W-163	1/4" x 1/2" x 1/8"	59,000	S Fine	10	43790
			A Medium		43791
W-176	3/8" x 1/2" x 1/8"	50,000	S Fine	10	43793
			A Medium		43794
W-185	1/2" x 1/2" x 1/8"	42,000	S Fine	10	43796
			A Medium		43797
W-205	3/4" x 1" x 1/4"	32,000	S Fine	10	43799
			A Medium		43800
W-220	1" x 1" x 1/4"	30,000	S Fine	10	43802
			A Medium		43803

A = Aluminum Oxide

S = Silicon Carbide

Superior support



REDUCER BUSHINGS

DESCRIPTION	PART #	DESCRIPTION	PART #
1" I.D. to 3/4" I.D.	10391	3" I.D. to 1" I.D.	10508
1" I.D. to 5/8" I.D.	10392	3" I.D. to 5/8" I.D.	35567
1" I.D. to 1/2" I.D.	10393	3" I.D. to 1 1/4" I.D.	10509
2" I.D. to 1" I.D.	28873	5" I.D. to 1 1/4" I.D.	10510
2" I.D. to 5/8" I.D.	28872		

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FLAP WHEELS

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Non-abrasive material to carry abrasive media Absorbent fibers allow for cushioned control in final finishing Flaps run cooler and are highly flexible 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Marble/Stone Glass 	

SIZE	MAX RPM	STD. PKG.	PART #
1" x 1" x 1/4"	15,000	10	49370
2" x 1" x 1/4"	13,700		49371
3" x 1" x 1/4"	8,600	10	49372
3" x 2" x 1/4"			49373



QUICK CHANGE DISCS

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Non-abrasive material to carry abrasive media Absorbent fibers allow for cushioned control in final finishing Ideal for flat surfaces such as stainless, brass, and aluminum 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Marble/Stone Glass 	

SIZE	MAX RPM	STD. PKG.	TYPE "S" PART #	TYPE "R" PART #
2"	20,000	50	45344	40547
3"	15,000	25	46569	40548



Holders - Page 27.

Superior support For optimum polishing, cut RPM in half.



BUFFING - STRAIGHT CARTRIDGE ROLLS

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Non-abrasive material to carry abrasive media Absorbent fibers allow for cushioned control in final finishing Great for tight corners such as chrome wheels 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Marble/Stone Glass 	

SIZE	STD. PKG.	PART #	MANDREL #
1/2" x 2 1/2" x 3/16"	100	49374	11937
5/8" x 2 1/2" x 3/16"		49375	
3/4" x 2 1/2" x 3/16"		49376	

GOBLET WHEELS

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Non-abrasive material to carry abrasive media Absorbent fibers allow for cushioned control in final finishing Designed for polishing radiuses like those in sinks 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Marble/Stone Glass 	

SIZE DIA. X LENGTH X SK	MAX RPM	STD. PKG.	PART #	REFILL PART #
2" x 2" x 1/4"	12,000	5	46643	46644
3" x 2" x 1/4"	8,000		46645	46646

Standard Package - 5 Wheels.

Standard Package - 5 Refills.

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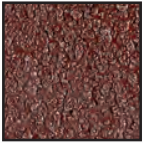

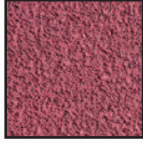
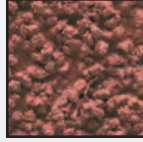
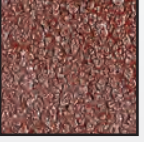



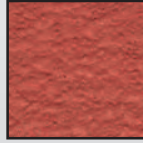
COATED ABRASIVES



SUPERIOR ABRASIVES COATED MATERIALS

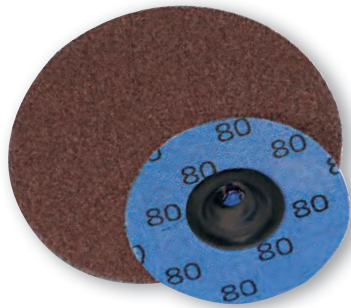
Superior Abrasives uses only premium abrasive grains in the production of all our abrasive tools. Whether grinding exotic metals or polishing to a required finish, Superior has the abrasive substrate to efficiently "Finish The Job".

Thin, Flexible & Less Durable ←
→
 → Thick, Stiff & Durable

<p style="text-align: center;">ALUMINUM OXIDE A/O Resin Bond "X" Wt. Poly/Cotton</p>  <p style="text-align: center;">Grits: 24-80</p> <p>Aluminum Oxide: A synthetic grain pink to brownish in color. Most popular, durable, general purpose grain. Universally used for metals, wood, plastics, and lacquer.</p> <p>Products: Quick Change Discs, Hook & Loop Discs, Belts, Cost Control Flap Wheels</p>	<p style="text-align: center;">ALUMINUM OXIDE A/O Resin Bond "X" Wt. 100% Cotton</p>  <p style="text-align: center;">Grits: 24-400</p> <p>Aluminum Oxide: A synthetic grain pink to brownish in color. Most popular, durable, general purpose grain. Universally used for metals, wood, plastics, and lacquer. 100% Cotton specifically designed for specialties.</p> <p>Products: Flap Wheels, Cartridge Rolls, Square & Cross Pads, Bore Polishers, Flap Discs, Bands</p>	<p style="text-align: center;">ALUMINUM OXIDE WITH GRINDING AID A/O G.A. Resin Bond "X" Wt.</p>  <p style="text-align: center;">Grits: 36-80 Poly/Cotton Grits: 100-120 100% Cotton</p> <p>Aluminum Oxide GA: Same properties as standard A/O with altered resin chemistry to incorporate a supersize coat, which reduces heat and adds lubricity.</p> <p>Product: Quick Change Discs, Belts</p>
<p style="text-align: center;">ALUMINUM OXIDE COMPACT GRAIN A/O Resin Bond "X" Wt. Poly</p>  <p style="text-align: center;">Grits: 80-600</p> <p>Aluminum Oxide: Same properties as standard A/O except in a granulated form. Granules breakdown with use to dramatically extend life while providing a uniform finish.</p> <p>Product: Quick Change Discs</p>	<p style="text-align: center;">ALUMINUM OXIDE A/O Resin Bond "J" Wt. 100% Cotton</p>  <p style="text-align: center;">Grits: 60-500</p> <p>Aluminum Oxide: Same properties as standard A/O; however, bonded to a "J" WT. backing for added flexibility.</p> <p>Products: Shop Rolls, Flap Mops, Center Laps, Sheets, Belts</p>	<p style="text-align: center;">SILICON CARBIDE S/C Resin Bond "X" Wt. Poly</p>  <p style="text-align: center;">Grits: 60-400</p> <p>Silicon Carbide: Synthetic grain that is very hard and brittle. Designed to grind glass, minerals, ceramic, china, marble, and rock.</p> <p>Products: Quick Change Discs, Belts, Flap Wheels, Cartridge Rolls, Bands, Hook & Loop Discs</p>
<p style="text-align: center;">ZIRCONIA ALUMINA Zirc Resin Bond "Y" Wt. Poly (Belts Only)</p>  <p style="text-align: center;">Zirc Resin Bond "X" Wt. Poly/Cotton Grits: 36-180</p> <p>Zirconia Alumina: A synthetic grain engineered to produce tough less brittle characteristics than A/O. Fracturing properties ensure a consistently sharp edge.</p> <p>Products: Quick Change Discs, Hook & Loop Discs, Cartridge Rolls, Bore Polishers</p>	<p style="text-align: center;">ZIRCONIA ALUMINA W/ GRINDING AID Zirc Resin Bond "Y" Wt. Poly</p>  <p style="text-align: center;">Grits: 24-120</p> <p>Zirconia Alumina: Same properties as standard Zirc with altered resin chemistry to incorporate a supersize coat, which reduces heat and adds lubricity.</p> <p>Products: Quick Change Discs, Hook & Loop Discs, Stik-On Discs, Belts</p>	<p style="text-align: center;">CERAMIC WITH GRINDING AID Ceramic Resin Bond "Y" Wt. Poly</p>  <p style="text-align: center;">Grits: 24-120</p> <p>Ceramic: A synthetic grain formulated to withstand extreme pressures and dissipate heat. The crystallized substrate continually exposes sharp fractures for aggressive cutting action. Specifically for grinding metal.</p> <p>Products: Quick Change Discs, Belts, Cartridge Rolls, PSA Discs</p>

MATERIAL CROSS-REFERENCE

Superior	3M	Norton	Hermes	VSM	Klingspor	Sun
Aluminum Oxide Poly/Cotton	241D / 261D	R249 / R228	RB346MX	KK511X / KK711X	CS311X / CS310X	R145
Aluminum Oxide GA	367/D	R267	RB417YX	KK811X / KK812X	CS412	—
Aluminum Oxide Compact Grain	359F	Y933	RB530X	KK712X	CS425	—
Aluminum Oxide "J" Wt.	200D / 201E	R245 / R264	RB346MJ	KK511J / KK524J	LS309 / LS312	K35F / K355F
Silicon Carbide	441D / 453W	R422 / R423 / R427	RB318X	CK721X	CS320 / CS333X	S181
Zirconia Alumina	567G	R823 / R823 / E816	RB484TY	KK715Y / KK716Y	CS411X / CS411Y	R205
Zirconia Alumina GA	777F / 747D	R826 / R824 / R821	RB486Y	KK815Y / ZK745X	CS414	R203
Ceramic GA	777F / 977F	R946 / R981	CB4440 / CB447Y / CB448Y	SK855X	CS610Y	—



**QUICK CHANGE DISCS
PREMIUM - A/O**

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> General purpose grinding and aggressive stock removal Deburring, edge breaking, surface leveling Mold and cavity grinding Weld removal in grits 36-60 Blending of pits, gouges, and surface imperfections use grits 80-150 Achieve various finish gradients with grits 180-320 	● Ferrous	
	◐ Non-Ferrous	
	○ Stainless	
	● Plastics	
	○ Exotics	
	○ Metal Matrix	
◐ Composites		

SIZE	GRIT	MAX RPM	TYPE "S" PART #	TYPE "R" PART #
1" STD. PKG. 100	36	40,000	11087	35361
	40		11088	42716
	50		11089	34998
	60		11090	11193
	80		11091	11194
	100		11092	38037
	120		11093	11196
	180		11095	11198
1½" STD. PKG. 100	240	11096	11199	
	36	25,000	11099	11202
	40		11100	11203
	50		11101	11204
	60		11102	11205
	80		11103	11206
	100		11104	11207
	120		11105	11208
	150		11106	43491
	180		11107	11210
240	11108		11211	
2" STD. PKG. 100	320	11109	33983	
	24	25,000	11110	11213
	36		11111	11214
	40		11112	11215
	50		11113	11216
	60		11114	11217
	80		11115	11218
	100		11116	11219
	120		11117	11220
	150		11118	34463
180	11119		11222	
3" STD. PKG. 50	240	20,000	11120	11223
	320		11121	11224
	24		11122	11225
	36		11123	11226
	40		11124	11227
	50		11125	11228
	60		11126	11229
	80		11127	11230
	100		11128	11231
	120		11129	11232
4" STD. PKG. 50	150	11130	11233	
	180	11131	11234	
	240	11132	11235	
	320	11133	11236	

4" available Type "R" & "S". Quick Change Test Kits — Page 53.

TYPE "R"



Equal to Lockit®,
PowerLock III® &
Roloc TR®

TYPE "S"



Equal to SocAtt®,
PowerLock II® &
Roloc TSM®



**QUICK CHANGE DISCS
GRINDING AID - A/O**

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> The supersize is designed to grind aircraft grade aluminum and high silicon metal matrix A better option for heat generating metals such as high nickel alloys Extended life on most applications 	● Ferrous	
	◐ Non-Ferrous	
	● Plastics	
◐ Exotics		
● Metal Matrix		
◐ Composites		

SIZE	GRIT	MAX RPM	TYPE "S" PART #	TYPE "R" PART #
1½" STD. PKG. 100	36	25,000	32016	32055
	40		45149	38610
	50		16817	40939
	60		32015	32054
	80		32014	32053
	100		32013	32052
	120		32012	32051
2" STD. PKG. 100	24	25,000	—	—
	36		16827	32050
	40		38606	39869
	50		16829	32049
	60		16830	32048
	80		16831	32047
3" STD. PKG. 50	100	20,000	32017	32046
	120		16833	32045
	24		—	—
	36		21344	32044
	40		40163	38300
	50		26668	32043
4" STD. PKG. 50	60	20,000	22391	32042
	80		26825	32041
	100		32019	32040
	120		32018	32039

4" available Type "R" and "S".

Holders - Page 27.

Red Part Numbers Are Stock Items
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QUICK CHANGE DISCS COMPACT GRAIN - A/O



Longer Life Than Standard A/O

Characteristics/Applications		Materials	Tool Selector	
<ul style="list-style-type: none"> • Much longer life than traditional A/O discs • Blending and polishing leaving a uniform finish • Edge breaking, surface leveling • First option when tool changeover is a concern 		<ul style="list-style-type: none"> ● Ferrous ○ Non-Ferrous ○ Stainless ○ Composites 		
SIZE	GRIT	MAX RPM	TYPE "S" PART #	TYPE "R" PART #
1 1/2" STD. PKG. 100	80	25,000	40263	40284
	120		40264	40285
	180		40265	40286
	240		40266	40287
	320		40267	40288
	400		40268	40289
2" STD. PKG. 100	80	25,000	40270	40291
	120		40271	40292
	180		40272	40293
	240		40273	40294
	320		40274	40295
	400		40275	40296
3" STD. PKG. 50	80	20,000	40277	40298
	120		40278	40299
	180		40279	40300
	240		40280	40301
	320		40281	40302
	400		40282	40303
	600		40283	40304

4" available Type "R" and Type "S".

QUICK CHANGE DISCS - SILICON CARBIDE

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> • Sharp aggressive cutting action necessary for polishing • Won't contaminate titanium and stainless steel like aluminum oxide • Ideal for non-ferrous metals 	<ul style="list-style-type: none"> ● Ferrous ○ Non-Ferrous ○ Stainless ○ Plastics ○ Titanium 	



SIZE	GRIT	MAX RPM	TYPE "S" PART #	TYPE "R" PART #
1 1/2" STD. PKG. 100	36	25,000	49296	49299
	50		49297	49300
	60		32025	49380
	80		18143	18204
	100		49381	49301
	120		18145	32037
	180		49382	47935
	240		49383	49302
	320		49290	49303
	400		49384	49385
2" STD. PKG. 100	24	25,000	35442	49386
	36		18151	32036
	50		36954	44586
	60		18154	18216
	80		16980	18217
	100		49387	47877
	120		18157	32035
	180		18159	49033
	240		18161	49388
	320		49389	49305
400	49390	49391		
3" STD. PKG. 50	24	20,000	49392	42310
	36		32031	32034
	50		40937	43069
	60		18059	49393
	80		18166	32033
	100		49394	48920
	120		49395	18232
	180		49396	49306
	240		49397	49401
	320		49398	49307
400	49399	49400		

Superior support Silicon Carbide is ideal for titanium and aerospace work where the risk of contamination from other abrasive grains is a concern.

Holders - Page 27.

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QUICK CHANGE DISCS PREMIUM - ZIRC

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Grind high nickel alloys, titanium, and other exotic metals Aggressive grinding Excels in pressure applications Remove weld and grind through inclusions (such as nodular cast iron) Great on composites that wear other abrasives grains 	<ul style="list-style-type: none"> ● Ferrous ● Non-Ferrous ○ Stainless ○ Plastics ● Exotics ○ Metal Matrix ● Composites 	



SIZE	GRIT	MAX RPM	TYPE "S" PART #	TYPE "R" PART #
1 1/2" STD. PKG. 100	36	25,000	11148	11251
	40		11149	11252
	50		11150	11253
	60		11151	11254
	80		11152	11255
	120		11154	11257
2" STD. PKG. 100	36	25,000	11155	11258
	40		11156	11259
	50		11157	11260
	60		11158	11261
	80		11159	11262
	120		11161	11264
3" STD. PKG. 50	36	20,000	11162	11265
	40		11163	11266
	50		11164	11267
	60		11165	11268
	80		11166	11269
	120		11168	11271

4" available Type "R" and Type "S".

QUICK CHANGE DISCS GA - CERAMIC

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Aggressive stock removal with the highest heat dissipation Grind high temp alloys such as cobalt, chrome, hastalloy, and inonel High pressure applications Extended life and grain retention First choice when grinding hot castings 	<ul style="list-style-type: none"> ● Ferrous ● Non-Ferrous ● Stainless ○ Plastics ● Exotics ○ Metal Matrix ○ Composites 	



QUICK CHANGE DISCS GA - ZIRC

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Aggressive stock removal on stainless steel Enhanced performance in moderate to heavy pressure applications Dissipates heat and resists loading First choice when grinding gummy heat sensitive metals 	<ul style="list-style-type: none"> ● Ferrous ● Non-Ferrous ● Stainless ○ Plastics ● Exotics ○ Metal Matrix ○ Composites 	



SIZE	GRIT	MAX RPM	TYPE "S" PART #	TYPE "R" PART #
1 1/2" STD. PKG. 100	36	25,000	40305	40323
	40		40306	49377
	50		40307	40325
	60		40308	40326
	80		40309	40327
	120		40310	40328
2" STD. PKG. 100	36	25,000	40311	40329
	40		40312	40330
	50		40313	40331
	60		40314	40332
	80		40315	40333
	120		40316	40334
3" STD. PKG. 50	36	20,000	40317	40335
	40		40318	40336
	50		40319	40337
	60		40320	40338
	80		40321	40339
	120		40322	40340

4" available Type "R" and Type "S".

SIZE	GRIT	MAX RPM	TYPE "S" PART #	TYPE "R" PART #
1 1/2" STD. PKG. 100	36	25,000	36665	36671
	40		36666	36672
	50		36667	36673
	60		36668	36674
	80		36669	36675
	120		36670	36676
2" STD. PKG. 100	36	25,000	36677	36683
	40		36678	36684
	50		36679	36685
	60		36680	36686
	80		36681	36687
	120		36682	36688
3" STD. PKG. 50	36	20,000	36689	36695
	40		36690	36696
	50		36691	36697
	60		36692	36698
	80		36693	36699
	120		36694	36700

4" available Type "R" and Type "S".

Holders - Page 27.


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QUICK CHANGE DISCS RIGID KUT® - A/O

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Our most firm disc, as stiff as a fiber disc with better grain retention Tackles aggressive deburring where other discs shred Deburs interrupted cuts such as drilled holes and channels First choice when edge wear is the leading concern Best for grinding flat surfaces with limited contours 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Stainless Plastics Exotics Metal Matrix Composites 	




SIZE	GRIT	MAX RPM	TYPE "S" PART #	TYPE "R" PART #
1 1/2" STD. PKG. 100	36	25,000	46847	46865
	50		46848	46866
	60		46849	46867
	80		46850	46868
	100		46851	46869
	120		46852	46870
2" STD. PKG. 100	36	25,000	46853	46871
	50		46854	46872
	60		46855	46873
	80		46856	46874
	100		46857	46875
	120		46858	46876
3" STD. PKG. 50	36	20,000	46859	46877
	50		46860	46878
	60		46861	46879
	80		46862	46880
	100		46863	46881
	120		46864	46882

4" available Type "R" and Type "S".

Test Kits - Page 53.



QUICK CHANGE DISCS RIGID KUT® - CERAMIC

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Our most firm disc, as stiff as a fiber disc with better grain retention First choice when edge wear and reducing cycle time is a must Grind high temp alloys such as cobalt chrome, hastalloy, and inconel Ideal when grinding hot castings 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Stainless Plastics Exotics Metal Matrix Composites 	

SIZE	GRIT	MAX RPM	TYPE "S" PART #	TYPE "R" PART #
1 1/2" STD. PKG. 100	36	25,000	49477	49483
	50		49478	49484
	60		49479	49485
	80		49480	49486
	100		49481	49487
	120		49482	49488
2" STD. PKG. 100	36	25,000	47801	47813
	50		47802	47814
	60		47803	47815
	80		47804	47816
	100		47805	47817
	120		47806	47818
3" STD. PKG. 50	36	20,000	47807	47819
	50		47808	47820
	60		47809	47821
	80		47810	47822
	100		47811	47823
	120		47812	47824

4" available Type "R" and Type "S".

Holders - Page 27.

Superior support



Kushion Kut® Disc
Highly Flexible - Contour Grinding



Standard Disc
Firm - General Purpose Grinding



Rigid Kut® Disc
Stiff - Aggressive Grinding

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QUICK CHANGE DISCS KUSHION KUT® - A/O



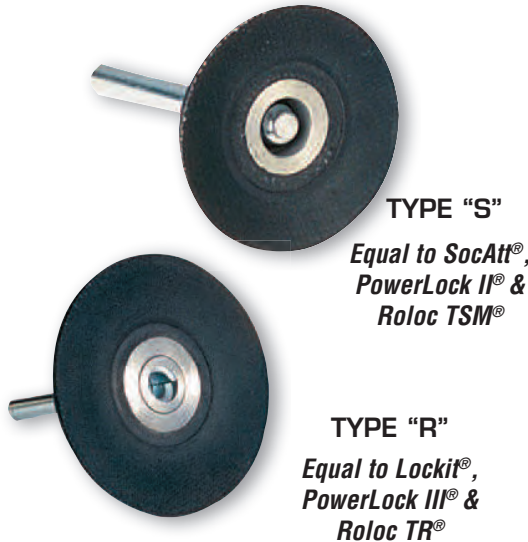
Superior support

Use only Kushion Kut® Holders with Kushion Kut® discs.

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Highly flexible disc, ideal for contour sanding Great for transition grinding Reduces work piece gouging Soft, finessed control Reduce RPM when grinding contours 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Plastics Wood Composites 	

SIZE	GRIT	MAX RPM	TYPE "S" PART #	TYPE "R" PART #	HOLDERS - MEDIUM	
					TYPE "S"	TYPE "R"
1½" STD. PKG. 100	60	25,000	49421	49448	11170	11273
	80		49422	49449		
	100		49423	49450		
	120		49424	49451		
	180		49425	49452		
	240		49426	49453		
	320		49427	49454		
	400		49428	49455		
	500		49429	49456		
2" STD. PKG. 100	60	25,000	49430	49457	11171	11274
	80		49431	49458		
	100		49432	49459		
	120		49433	49460		
	180		49434	49461		
	240		49435	49462		
	320		49436	49463		
	400		49437	49464		
	500		49438	49465		
3" STD. PKG. 50	60	20,000	49439	49466	11173	11275
	80		49440	49467		
	100		49441	49468		
	120		49442	49469		
	180		49443	49470		
	240		49444	49471		
	320		49445	49472		
	400		49446	49473		
	500		49447	49474		

4" available Type "R" and Type "S".



TYPE "S"
Equal to SocAtt®, PowerLock II® & Roloc TSM®

TYPE "R"
Equal to Lockit®, PowerLock III® & Roloc TR®

QUICK CHANGE DISC HOLDERS - 1/4" SHANK

SIZE	MAX RPM	DENSITY	TYPE "S" PART #	TYPE "R" PART #
¾"	40,000	MED.	—	40564
1"	40,000	MED.	11170	11273
1½"	25,000	MED.	11171	11274
2"	20,000	SOFT	11172	—
2"	25,000	MED.	11173	11275
2"	25,000	FIRM	11174	—
3"	12,000	SOFT	11175	—
3"	20,000	MED.	11176	11276
3"	20,000	FIRM	11177	—
4"	10,000	MED.	11178	34992

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STIK-ON DISCS X WT. CLOTH - A/O

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Rubber based adhesive is melted onto the material, giving a stronger bond between PSA and abrasive material than double-face tape PSA will not leave residue on the platen or holder Easily releases from holders and/or platens Discs will not slip or fly off with excessive heat General grinding, deburring, and blending 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Stainless Plastics Exotics Metal Matrix Composites 	



SIZE	GRIT	PART #
1/2" STD. PKG. 100	60	11376
	80	11377
	100	11378
	120	11379
	180	11380
	240	16685
	320	16095
3/4" STD. PKG. 100	50	11382
	60	11383
	80	11384
	100	11385
	120	11386
	180	11387
	240	16955
1" STD. PKG. 100	320	18509
	50	11389
	60	11390
	80	11391
	100	11392
	120	11393
	180	11394
1 1/2" STD. PKG. 100	240	18004
	320	18508
	36	11396
	40	11397
	50	11398
	60	11399
	80	11400
	100	11401
	120	11402
2" STD. PKG. 100	180	11404
	240	11405
	320	11406
	24	11407
	36	11408
	40	11409
	50	11410
	60	11411
	80	11412
	100	11413
3" STD. PKG. 50	120	11414
	150	11415
	180	11416
	240	11417
	320	11418
	24	11419
	36	11420
	40	11421
	50	11422
	60	11423
	80	11424
100	11425	
120	11426	
150	11427	
180	11428	
240	11429	
320	11430	

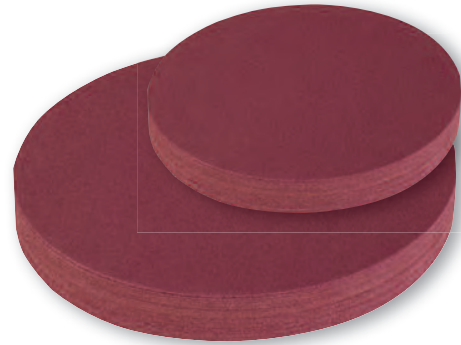
SIZE	GRIT	PART #
4" STD. PKG. 50	24	11431
	36	11432
	40	11433
	50	11434
	60	11435
	80	11436
	100	11437
	120	11438
	150	11439
	180	11440
5" STD. PKG. 50	240	11441
	320	11442
	24	11443
	36	11444
	40	11445
	50	11446
	60	11447
	80	11448
	100	11449
	120	11450
6" STD. PKG. 50	150	11451
	180	11452
	240	11453
	320	11454
	24	11455
	36	11456
	40	11457
	50	11458
	60	11459
	80	11460
7" STD. PKG. 50	100	11461
	120	11462
	150	11463
	180	11464
	240	11465
	320	11466
	24	11467
	36	11468
8" STD. PKG. 50	40	11469
	50	11470
	60	11471
	80	11472
	100	11473
	120	11474
	180	11475
	24	11476
	36	11477
	40	11478
	50	11479
	60	11480
	80	11481
	100	11482
	120	11483
	180	11484
	240	30428
	320	30430

Holders for 1/2" - 5" - Page 29.

Continued on next page.

STIK-ON DISCS "X" WT. CLOTH - A/O

SIZE	GRIT	PART #
9" STD. PKG. 25	24	11485
	36	11486
	40	11487
	50	11488
	60	11489
	80	11490
	100	11491
	120	11492
10" STD. PKG. 25	180	11493
	24	11494
	36	11495
	40	11496
	50	11497
	60	11498
	80	11499
	100	11500
12" STD. PKG. 25	120	11501
	180	11502
	24	11503
	36	11504
	40	11505
	50	11506
	60	11507
	80	11508
	100	11509
	120	11510
14" STD. PKG. 25	150	11511
	180	11512
	240	11513
	320	11514
	24	11515
	36	11516
	40	11517
	50	11518
15" STD. PKG. 25	60	11519
	80	11520
	100	11521
	120	11522
	24	11524
	36	11525
	40	11526
	50	11527
16" STD. PKG. 25	60	11528
	80	11529
	100	11530
	120	11531
	24	11533
	36	11534
18" STD. PKG. 10	40	11535
	50	11536
	60	11537
	80	11538
	100	11539
	120	11540



SIZE	GRIT	PART #
18" STD. PKG. 10	24	11542
	36	11543
	40	11544
	50	11545
	60	11546
	80	11547
	100	11548
	120	11549
20" STD. PKG. 10	24	11551
	36	11552
	40	11553
	50	11554
	60	11555
	80	11556
	100	11557
	120	11558
24" STD. PKG. 10	24	11560
	36	11561
	40	11562
	50	11563
	60	11564
	80	11565
	100	11566
	120	11567
26" STD. PKG. 10	24	11569
	36	11570
	40	11571
	50	11572
	60	11573
	80	11574
	100	11575
	120	11576
30" STD. PKG. 5	24	11578
	36	11579
	40	11580
	50	11581
	60	11582
	80	11583
	100	11584
	120	11585

Other sizes and grits available.

Silicon Carbide available.

**Superior
support**



To easily remove a PSA disc, use a piece of scrap metal to heat up the disc.



STIK-ON DISC HOLDERS

SIZE	PART #
1/2" x 1/8"	11701
1/2" x 1/4"	11702
3/4" x 1/8"	11703
3/4" x 1/4"	11704
1" x 1/8"	11705
1" x 1/4"	11706
1 1/2" x 1/4"	11707
2" x 1/4"	11708
3" x 1/4"	11709
4" x 1/4"	11710
5" x 1/4"	11711

Lightweight – High R.P.M.

Red Part Numbers Are Stock Items
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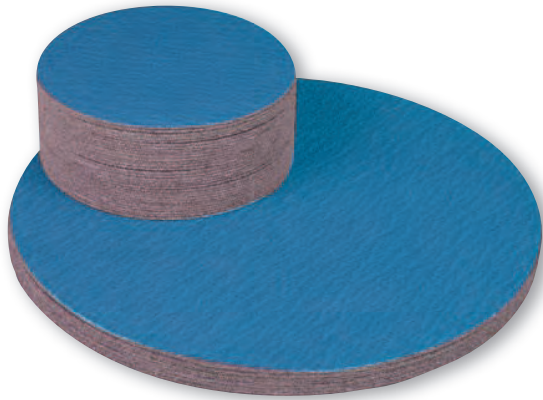
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STIK-ON DISCS "X" WT. CLOTH - ZIRC

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Grind high nickel alloys, titanium, and other exotic metals Good heat dissipation Heavy pressure applications Remove weld and grind through inclusions in nodular cast iron 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Stainless Exotics Composites 	

SIZE	GRIT	PART #
5" STD. PKG. 50	36	17498
	40	17499
	50	17500
	60	17501
	80	17502
	100	17503
	120	17504
6" STD. PKG. 50	36	17505
	40	17506
	50	17507
	60	17508
	80	17509
	100	17510
	120	17511
	180	46669

SIZE	GRIT	PART #
12" STD. PKG. 25	36	17458
	40	17459
	50	17460
	60	17461
	80	17462
	100	40496
	120	40497
20" STD. PKG. 10	180	37283
	36	17483
	40	17484
	50	17485
	60	17486
	80	17487
	100	46647
24" STD. PKG. 10	120	46648
	180	46650
	36	17488
	40	17489
	50	17490
	60	17491
	80	17492
100	46651	
120	46652	
180	46653	

Other sizes and grits available.

STIK ON DISCS "Y" WT. CLOTH - ZIRC G.A.

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Stock removal on stainless Enhanced performance in heavy pressure applications Dissipates heat and resists loading First choice when grinding gummy heat sensitive metals 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Stainless Plastics Exotics Composites 	

SIZE	GRIT	PART #
5" STD. PKG. 50	36	21372
	40	34014
	50	17127
	60	21150
	80	21151
6" STD. PKG. 50	36	21176
	40	26381
	50	31349
	60	24531
	80	16108
12" STD. PKG. 25	36	16728
	40	16919
	50	19277
	60	16729
	80	18943



SIZE	GRIT	PART #
20" STD. PKG. 10	36	21012
	40	21013
	50	17152
	60	24686
	80	17154
24" STD. PKG. 10	36	21486
	40	24036
	50	21935
	60	24536
	80	21307

Other sizes and grits available.

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STIK-ON "F" WT. PAPER DISCS - A/O



Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> • General purpose grinding and stock removal • General purpose edge breaking surface blending • "F" weight is thicker and more durable than traditional "A" weight and "B" weight products • Open coat for aggressive cutting action 	<ul style="list-style-type: none"> ● Non-Ferrous ● Plastics ● Wood ● Solid Surfaces ● Composites 	

SIZE	GRIT	PART #	5 VAC #	6 VAC #
5" STD. PKG. 100	40	11587	45633	—
	60	11589	40476	—
	80	11590	40477	—
	120	11592	34021	—
	180	11594	21383	—
6" STD. PKG. 100	40	11598	—	46769
	60	11600	—	43576
	80	11601	—	43577
	120	11603	—	46770
	180	11605	—	46771

Holders - Page 32.

8 Vac -Hole available.

Superior support



Paper discs are ideal for jobs that gum or load up, when price is the primary concern.



GOLD "C" WT. PAPER DISCS - A/O

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> • Grinding and stock removal • Edge breaking, surface blending • Cost effective when sanding materials that load or gum up • Semi-open coat with load-resistant size coat for aggressive action • Great for sanding fiberglass 	<ul style="list-style-type: none"> ● Ferrous ● Non-Ferrous ● Plastics ● Wood ● Solid Surfaces ● Composites 	

STIK-ON WITH TABS

SIZE	GRIT	PART #	5 VAC #	6 VAC #
5" STD. PKG. 100	60	44838	—	—
	80	39981	46720	—
	100	40260	44393	—
	120	40425	43704	—
	150	42933	41057	—
	180	40696	44394	—
	240	40426	46673	—
6" STD. PKG. 100	320	40261	46688	—
	60	46654	—	—
	80	40066	—	45385
	100	40067	—	45381
	120	40068	—	46805
	150	46710	—	45382
	180	40069	—	42401
240	46711	—	46806	
320	43765	—	46807	

Holders - Page 32.

HOOK 'N LOOP

SIZE	GRIT	PART #	5 VAC #	6 VAC #
5" STD. PKG. 100	60	44711	—	—
	80	38835	41764	—
	100	40881	44331	—
	120	40882	43183	—
	150	40883	45384	—
	180	40884	43184	—
	220	40885	43164	—
	240	40886	43285	—
6" STD. PKG. 100	320	38836	43560	—
	60	46655	—	—
	80	40887	—	45785
	100	40888	—	45192
	120	40889	—	44846
	150	40890	—	45193
	180	40891	—	34067
	220	40892	—	44203
	240	40893	—	46808
	320	40894	—	37011

8 Vac -Hole available.

Red Part Numbers Are Stock Items
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STIK-ON PAPER DISC ROLLS - A/O

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Grinding and stock removal Edge breaking, surface blending Packaged in roll form for convenient use Cost effective for sanding materials that load Semi-open coat with load-resistant size coat for aggressive cutting action 	<ul style="list-style-type: none"> ● Non-Ferrous ○ Stainless ● Plastics ● Wood ● Solid Surfaces ● Composites 	



WHITE STEARATE


SIZE	GRIT	PART #
5" STD. PKG. 1 125 discs/roll	80	11685
	100	11686
	120	11687
	150	11688
	180	11689
	220	11690
	240	11691
6" STD. PKG. 1 125 discs/roll	80	11693
	100	11694
	120	11695
	150	11696
	180	11697
	220	11698
	240	11699
	320	11700

PREMIUM GOLD

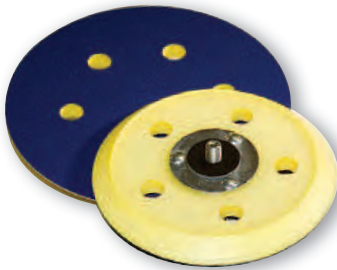
SIZE	GRIT	PART #
5" STD. PKG. 1 100 discs/roll	80	25078
	100	25079
	120	25080
	150	25081
	180	25082
	220	25083
	240	25084
6" STD. PKG. 1 100 discs/roll	80	25086
	100	25087
	120	25088
	150	25089
	180	25090
	220	25091
	240	25092
	320	25093



STIK-ON CLOTH STRIPS & SHEETS - A/O

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> 9 x 11" sheets stick to the work bench for sanding handheld parts Sheets easily cut to any form General grinding, deburring, edge breaking, size sanding, blending 	<ul style="list-style-type: none"> ● Ferrous ● Non-Ferrous ● Plastics ● Composites 	

SIZE	GRIT	PART #
1" x 11" STD. PKG. 100	60	12226
	80	12227
	100	12228
	120	12229
	150	12230
	180	12231
	240	12232
9" x 11" STD. PKG. 50	320	12233
	60	12242
	80	12243
	120	12245
	180	12247
	240	12248
	320	12249



STIK-ON/VAC HOLE HOLDERS

SIZE	THREAD SIZE	5 VAC PART #	6 VAC PART #
5"	5/16-24 MALE	39080	—
6"	5/16-24 MALE	—	34730



STIK-ON PAPER DISC HOLDERS

SIZE	THREAD SIZE	PART #
5"	5/16-24 MALE	11715
6"	5/16-24 MALE	11716

HOOK 'N LOOP/VAC HOLE HOLDERS

SIZE	THREAD SIZE	5 VAC PART #	6 VAC PART #
5"	5/16-24 MALE	46809	—
6"	5/16-24 MALE	—	46812

HOOK 'N LOOP PAPER DISC HOLDERS

SIZE	THREAD SIZE	PART #
5"	5/16-24 MALE	40910
6"	5/16-24 MALE	40911

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UNMOUNTED FLAP WHEELS "X" WT. CLOTH - A/O

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> • Deburring, blending parting lines, and polishing • Removes flash from automotive castings and molded rubber • Conforms to work piece or can be preformed before application • Egyptian cotton for polishing 	<ul style="list-style-type: none"> ● Ferrous ● Non-Ferrous ● Stainless ● Plastics ● Wood ● Solid Surfaces 	

SIZE	GRIT	MAX RPM	PART #
4" x 1" x 5/8" STD. PKG. - 5	60	8,600	26269
	80		26270
	120		26272
	180		26273
4" x 2" x 5/8" STD. PKG. - 5	50	8,600	26279
	60		26280
	80		26281
	120		26282
	180		26283
6" x 1" x 1" STD. PKG. - 5	40	5,700	26289
	50		26290
	60		26291
	80		26292
	100		26293
	120		26294
	150		26295
	180		26296
240	26297		

Reducer Bushings - Page 19.



SIZE	GRIT	MAX RPM	PART #
6" x 1 1/2" x 1" STD. PKG. - 5	40	5,700	26299
	60		26301
	80		26302
	120		26303
6" x 2" x 1" STD. PKG. - 5	40	5,700	26304
	50		26305
	60		26306
	80		26307
	100		26308
	120		26309
8" x 1" x 1" STD. PKG. - 3	60	4,300	26310
	80		26316
	100		26317
	120		26318
	180		26319
8" x 2" x 1" STD. PKG. - 3	60	4,300	26321
	80		26322
	120		26323
	180		26324

100% Egyptian Cotton.

Other sizes and grits available.

MINI FLAP WHEELS "X" WT. CLOTH - A/O

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> • Deburring, blending parting lines, and polishing • For small hard to reach areas • Sand engine components • For inside and outside diameters of tubes • Egyptian cotton enables wheel to polish in finer grits 	<ul style="list-style-type: none"> ● Ferrous ● Non-Ferrous ● Stainless ● Plastics ● Rubber ● Wood ● Composites 	

SIZE	GRIT	MAX RPM	PART #
3/8" x 3/8" 1/8" Shank STD. PKG. - 10	80	40,000	24791
	120		24802
	180		24803
	240		24804
	320		24805
5/8" x 5/8" 1/8" Shank STD. PKG. - 10	80	40,000	24806
	120		24807
	180		24808
	240		24809
	320		24810
5/8" x 3/4" 1/8" Shank STD. PKG. - 10	80	40,000	24811
	120		24812
	180		24813
	240		24814
	320		24815
3/4" x 5/8" 1/8" Shank STD. PKG. - 10	80	35,000	24816
	120		24817
	180		24818
	240		24819
	320		24820

100% Egyptian Cotton.



Superior support

100% Egyptian cotton wheels conform easily and are ideal for polishing applications. Cost Control wheels are a poly/cotton blend which extends life for aggressive grinding jobs.

SIZE	GRIT	MAX RPM	PART #
3/4" x 3/4" 1/8" Shank STD. PKG. - 10	80	35,000	24821
	120		24822
	180		24823
	240		24824
	320		24825
1 3/16" x 1/8" 1/8" Shank STD. PKG. - 10	80	30,000	24826
	120		24827
	180		24828
	240		24829
	320		24830
1 3/16" x 3/16" 1/8" Shank STD. PKG. - 10	80	30,000	24832
	120		24833
	180		24834
	240		24835
	320		24836
1 3/16" x 3/8" 1/8" Shank STD. PKG. - 10	80	30,000	24837
	120		24838
	180		24839
	240		24840
	320		24841

Test Kits - Page 53.

Red Part Numbers Are Stock Items
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MOUNTED FLAP WHEELS "X" WT. CLOTH - A/O

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> • Deburring, blending parting lines, and polishing • For hard to reach areas and inside and outside tube diameters • Cushioned control to polish and finesse the part • Egyptian cotton enables wheel to polish in finer grits 	<ul style="list-style-type: none"> ● Ferrous ○ Non-Ferrous ○ Stainless ● Plastics ● Rubber ● Wood ○ Composites 	



SIZE	GRIT	MAX RPM	PART # 1/4" SHANK	PART # 1/4-20
3/4" x 3/4" STD. PKG. 10	60	38,200	21881	—
	80		21882	—
	120		33358	—
1" x 5/8" STD. PKG. 10	60	30,000	10101	10160
	80		10102	10161
	120		10103	10162
1" x 1" STD. PKG. 10	60	30,000	10104	10163
	80		10105	10164
	120		10106	10165
	180		10107	—
	240		17116	—
1 1/2" x 1/2" STD. PKG. 10	60	25,000	10108	10167
	80		10109	10168
	120		10110	10169
1 1/2" x 1" STD. PKG. 10	60	25,000	10114	10173
	80		10115	10174
	120		10116	10175
	180		10117	—
2" x 1/2" STD. PKG. 10	60	25,000	10118	10177
	80		10119	10178
	120		10120	10179

SIZE	GRIT	MAX RPM	PART # 1/4" SHANK	PART # 1/4-20
2" x 1" STD. PKG. 10	40	25,000	10124	—
	60		10125	10184
	80		10126	10185
	120		10127	10186
	240		10128	—
2" x 1 1/2" STD. PKG. 10	60	25,000	10130	—
	80		10131	—
	120		10132	—
2 1/2" x 1" STD. PKG. 10	60	23,000	10136	10192
	80		10137	10193
	120		10138	—
3" x 1/2" STD. PKG. 10	60	20,000	10142	10196
	80		10143	10197
	120		10144	—
3" x 1" STD. PKG. 10	40	20,000	10148	—
	60		10149	10203
	80		10150	10204
	120		10151	10205
	180		10152	10206
3" x 2" STD. PKG. 10	60	12,000	10157	—
	80		10158	—
	120		10159	—
1/4-20 ADAPTER 1/4" SK.			PART # 10208	

Other sizes and grits available.

100% Egyptian Cotton.

Flap Wheel Test Kit — Page 54.



COST CONTROL WHEELS "X" WT. CLOTH - A/O

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> • Stiff poly/cotton material • First choice for heavy burr removal • Great for getting into small hard to reach areas • Sand ID & OD of tubes • Cushioned control to finesse polish 	<ul style="list-style-type: none"> ● Ferrous ○ Non-Ferrous ○ Stainless ● Rubber ● Wood 	

SIZE	GRIT	MAX RPM	STD. PKG.	PART #
1" x 1" 1/4" Shank	60	30,000	10	31809
	80			31810
	120			31811
1 1/2" x 1" 1/4" Shank	60	25,000	10	31812
	80			31813
	120			31814
2" x 1" 1/4" Shank	60	25,000	10	31815
	80			31816
	120			31817
3" x 1" 1/4" Shank	60	20,000	10	31818
	80			31819
	120			31820



Superior support



Flap Mops instantly conform.

FLAP MOPS "J" WT. CLOTH - A/O

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> • Highly conformable • Great for polishing intricate parts • Cushioned control enables operator to finesse polish • Sand ID and OD of tubes • Polish and debur irregular surfaces 	<ul style="list-style-type: none"> ● Ferrous ○ Non-Ferrous ○ Stainless ● Rubber ● Wood 	

SIZE	GRIT	MAX RPM	STD. PKG.	PART#
2" x 1" 1/4" Shank	120	20,000	10	28967
	180			28968
	240			28969
	320			28970
2 1/2" x 1 1/2" 1/4" Shank	120	18,000	10	28971
	180			28973
	240			28974
	320			28953
3" x 2" 1/4" Shank	120	9,600	5	28954
	180			28955
	240			28145
	320			28956

Red Part Numbers Are Stock Items

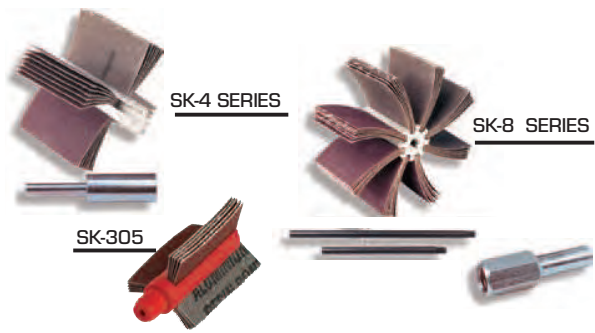
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BORE POLISHERS

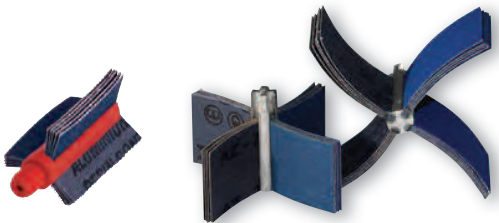
Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> • Self-centers to interior of tubes • Flush wall sanding for smooth operation • Precise flap spacing ensures balance • Ideal for deburring, sizing, and cleaning cylinders, tubes, and hydraulic fittings 	<ul style="list-style-type: none"> ● Ferrous ● Non-Ferrous ● Stainless ● Plastics ○ Exotics 	

"X" WT. 60 GRIT & UNDER - A/O

STYLE	I.D.'S	GRIT	MAX RPM	PART #
SK-305 STD. PKG. 10	3/4" TO 1"	60	25,000	39161
		80		39162
		120		39163
		180		39164
SK-405 STD. PKG. 10	1" TO 1 1/2"	60	22,000	39165
		80		39166
		120		39117
		180		39167
SK-410 STD. PKG. 10	1 1/2" TO 2"	60	20,000	39168
		80		39169
		120		39170
		180		39171
SK-415 STD. PKG. 10	2 1/8" TO 2 1/2"	60	16,000	39172
		80		39173
		120		39174
		180		39175
SK-420 STD. PKG. 10	2 1/2" TO 3"	60	15,000	39176
		80		39177
		120		39178
		180		39179
SK-425 STD. PKG. 10	3 1/8" TO 4"	60	10,000	39180
		80		39181

"T" WT. 80 GRIT & ABOVE - A/O

STYLE	I.D.'S	GRIT	MAX RPM	PART #
SK-425 STD. PKG. 10	3 1/8" TO 4"	120	10,000	39182
		180		39183
SK-810 STD. PKG. 10	2" TO 2 1/2"	60	16,000	39184
		80		39185
		120		39186
		180		39187
SK-815 STD. PKG. 10	2 5/8" TO 3"	60	15,000	39188
		80		39189
		120		39190
		180		39191
SK-820 STD. PKG. 10	3 1/8" TO 4"	60	10,000	39192
		80		39193
		120		39194
		180		39195
SK-825 STD. PKG. 10	4 1/4" TO 5 1/4"	60	8,000	39196
		80		39197
		120		39198
		180		39199
SK-830 STD. PKG. 10	5 1/4" TO 5 7/8"	60	8,000	39200
		80		39201
		120		39202
		180		39203



BORE POLISHERS "X" WT. - ZIRC

STYLE	I.D.'S	GRIT	MAX RPM	PART #
SK-305 STD. PKG. 10	3/4" TO 1"	60	25,000	46169
		80		46170
		120		46171
		180		46172
SK-405 STD. PKG. 10	1" TO 1 1/2"	60	22,000	46173
		80		46174
		120		46175
		180		46176
SK-410 STD. PKG. 10	1 1/2" TO 2"	60	20,000	46177
		80		46178
		120		46179
		180		46180

Superior support

Bore polishers self-center for flush wall sanding or deburring through holes.

STYLE	I.D.'S	GRIT	MAX RPM	PART #
SK-415 STD. PKG. 10	2 1/8" TO 2 1/2"	60	16,000	17218
		80		17219
		120		17220
		180		17221
SK-420 STD. PKG. 10	2 1/2" TO 3"	60	15,000	46181
		80		46182
		120		46183
		180		46184
SK-820 STD. PKG. 10	3 1/8" TO 4"	60	10,000	46195
		80		46196
		120		46197
		180		46239

LONGER SHANKS

STYLE	DESCRIPTION	THREAD	PART #
SK-144	1/4" X 4" LONG	1/4-20	39207
SK-146	1/4" X 6" LONG	1/4-20	39208
SK-148	1/4" X 8" LONG	1/4-20	39209

MANDRELS — 1/4" SHANK


STYLE	DESCRIPTION	THREAD	PART #
SK-3	SK-305-SERIES	5/16-18	39204
SK-4	SK-4 SERIES	1/2-20	39205
SK-8	SK-8 SERIES	1/4-20	39206

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CARTRIDGE ROLLS "X" WT. CLOTH - A/O

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Aggressive cutting action Layers cut through, continually exposing fresh grain 100% cotton cushions the cut in finer grits to polish 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Stainless Exotics Plastics 	



SIZE	GRIT	PART #
3/16" x 1" x 3/32" STD. PKG. 100	80	11860
	100	18094
	120	11861
	180	18970
1/4" x 1" x 1/8" STD. PKG. 100	60	11862
	80	11863
	100	11864
	120	11865
	180	11866
	240	16984
1/4" x 1 1/2" x 1/8" STD. PKG. 100	60	11867
	80	11868
	100	11869
	120	11870
	180	11871
	240	16719
1/4" x 2" x 1/8" STD. PKG. 100	80	18666
	120	19723
5/16" x 1" x 1/8" STD. PKG. 100	60	19732
	80	16783
	120	18874
5/16" x 1 1/2" x 1/8" STD. PKG. 100	60	19741
	80	11872
	120	17068
3/8" x 1" x 1/8" STD. PKG. 100	60	11873
	80	11874
	100	19750
	120	11875
	180	11876
	240	19752
3/8" x 1 1/2" x 1/8" STD. PKG. 100	60	11877
	80	11878
	100	11879
	120	11880
	180	11881
	240	17160
3/8" x 2" x 1/8" STD. PKG. 100	60	21071
	80	18665
	120	23006
1/2" x 1" x 1/8" STD. PKG. 100	60	11882
	80	11883

Other sizes and grits available.
Cartridge Roll Kit - Page 53.

Mandrels - Page 40.

SIZE	GRIT	PART #
1/2" x 1" x 1/8" STD. PKG. 100	100	11884
	120	11885
	180	11886
	240	18710
	320	16986
1/2" x 1 1/2" x 1/8" STD. PKG. 100	36	11887
	50	11888
	60	11889
	80	11890
	100	11891
	120	11892
	180	11893
1/2" x 2" x 1/8" STD. PKG. 100	240	11894
	320	11895
	50	19789
	60	17167
5/8" x 1" x 3/16" STD. PKG. 100	80	16642
	120	18475
	60	44878
5/8" x 1 1/2" x 3/16" STD. PKG. 100	80	22008
	120	22984
	60	19799
3/4" x 1" x 3/16" STD. PKG. 100	80	19828
	120	19830
	60	19852
3/4" x 1" x 1/4" STD. PKG. 100	80	19853
	120	17007
	60	17061
3/4" x 1 1/2" x 3/16" STD. PKG. 100	80	16655
	120	16716
	60	16069
3/4" x 1 1/2" x 1/4" STD. PKG. 100	80	16704
	100	19880
	120	19881
3/4" x 2" x 1/4" STD. PKG. 100	60	11896
	80	11897
	120	11898
1" x 1 1/2" x 1/4" STD. PKG. 100	60	11899
	80	11900
	120	17120
1" x 2" x 1/4" STD. PKG. 100	60	17006
	80	18604
1" x 2" x 1/4" STD. PKG. 100	60	11901
	80	11902

Available in S/C Grits: 36, 40, 60, 80, 120, 150, 180.
Available in Zirc Grits: 36, 50, 60, 80, 120.

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COST CONTROL CARTRIDGE ROLLS "X" WT. CLOTH - A/O



Superior support



Cartridge rolls are ideal for small, hard to grind areas.

Stock Removal: 36-60
Blending: 80-150
Polishing: 180-320

SIZE	GRIT	PART #
1/4" x 1" x 1/8" STD. PKG. 100	60	17521
	80	17522
	120	17523
1/4" x 1 1/2" x 1/8" STD. PKG. 100	60	17525
	80	17526
	120	46813
3/8" x 1 1/2" x 1/8" STD. PKG. 100	60	17538
	80	17539
	120	17540
1/2" x 1 1/2" x 1/8" STD. PKG. 100	60	17550
	80	17551
	120	17556
3/4" x 1 1/2" x 3/16" STD. PKG. 100	60	17562
	80	17563
	120	17564

Other sizes and grits available.

FULL TAPERED ROLLS "X" WT. CLOTH - A/O

SIZE	GRIT	PART #
3/8" x 1" x 1/8" STD. PKG. 100	60	11904
	80	11905
	120	11906
	180	11907
3/8" x 1 1/2" x 1/8" STD. PKG. 100	60	11908
	80	11909
	120	11910
1/2" x 1" x 1/8" STD. PKG. 100	60	11912
	80	11913
	120	11914
1/2" x 1 1/2" x 1/8" STD. PKG. 100	36	16265
	50	17000
	60	11916
	80	11917

Other sizes and grits available.

SIZE	GRIT	PART #
1/2" x 1 1/2" x 1/8" STD. PKG. 100	100	17001
	120	11918
	180	11919
	240	16987
	320	16988
1/2" x 2" x 1/8" STD. PKG. 100	60	16751
	80	20099
	120	30091
5/8" x 1 1/2" x 3/16" STD. PKG. 100	60	38597
	80	16615
3/4" x 1 1/2" x 3/16" STD. PKG. 100	60	16993
	80	16652
1" x 1 1/2" x 3/16" STD. PKG. 100	60	30341
	80	30342

Available in S/C and Zirc.

CARTRIDGE ROLLS "X" WT. CLOTH - CERAMIC

SIZE	GRIT	PART #
1/4" x 1" x 1/8" STD. PKG. 100	60	49490
	80	48035
	120	49491
1/4" x 1 1/2" x 1/8" STD. PKG. 100	60	49100
	80	49101
	120	49102
3/8" x 1 1/2" x 1/8" STD. PKG. 100	60	49103
	80	47144
	120	49104
1/2" x 1 1/2" x 1/8" STD. PKG. 100	60	49105
	80	49106
	120	49107
3/4" x 1 1/2" x 1/8" STD. PKG. 100	60	49492
	80	49493
	120	49494

Mandrels - Page 40.



SIZE	MAX RPM	SIZE	MAX RPM
3/16" dia. to 1/2"	23,000	1" dia.	15,000
5/8" dia. to 3/4"	18,000	1-1/2" dia.	8,000

Red Part Numbers Are Stock Items
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CROSS PADS - A/O

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Propeller-like construction allows operator to see work piece Flexible sanding for chamfering, edge breaking, tube finishing Great for deburring window wells, cleaning hydraulic cylinders, deburring drilled holes 	Ferrous	
	Non-Ferrous	
	Stainless	
	Plastics	
	Exotics	
	Composites	

SIZE	GRIT	STD. PKG.	PART #
1" x 1" x 3/8" 8 Ply 3-48	60	100	21281
	80		21282
	120		21284
1 1/2" x 1 1/2" x 1/2" 8 Ply 8-32	60	100	13523
	80		13524
	120		13526
2" x 2" x 1/2" 8 Ply 8-32	60	100	13545
	80		13546
	120		13548
2" x 2" x 3/4" 8 Ply 8-32	60	100	13567
	80		13568
	120		13570
3" x 3" x 1" 8 Ply 1/4-20	60	100	13743
	80		13744
	120		13746
4" x 4" x 1" 8 Ply 1/4-20	60	100	13787
	80		13788
	120		13790

Other sizes and grits available.



Superior support



Cross pads are designed to deburr, size, and clean tubes or pipes. They self-center during operation for smooth, flush wall sanding.



Superior support



Square Pads aggressively remove stock and take down weld in a groove or channel. New layers of abrasive grain are exposed as the corners grind the work piece.

SQUARE PADS - A/O

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Intermittent strokes of corners provides aggressive grinding Fast cutting action, ideal for removing weld beads Layers cut through, continually exposing fresh grain 	Ferrous	
	Non-Ferrous	
	Stainless	
	Plastics	
	Exotics	
	Composites	

SIZE	GRIT	STD. PKG.	PART #
1 1/2" x 1 1/2" x 3/8" 8-32	60	100	13998
	80		13999
	120		14001
1 1/2" x 1 1/2" x 1/2" 1/4-20	60	100	14009
	80		14010
	120		14012
1 1/2" x 1 1/2" x 3/4" 1/4-20	60	100	14020
	80		14021
	120		14023
2" x 2" x 3/8" 1/4-20	60	100	14042
	80		14043
	120		14045
2" x 2" x 1/2" 1/4-20	60	100	14053
	80		14054
	120		14056
3" x 3" x 1/2" 1/4-20	60	100	14097
	80		14098
	120		14100

Other sizes and grits available.

MANDRELS FOR CROSS & SQUARE PADS

STYLE	DESCRIPTION	PART #
EM-2	3-48 Eyelet - 1/4" Shank	21316
EM-3	8-32 Eyelet - 1/4" Shank	12218
EM-4	1/4-20 Eyelet - 1/4" Shank	12219

Red Part Numbers Are Stock Items
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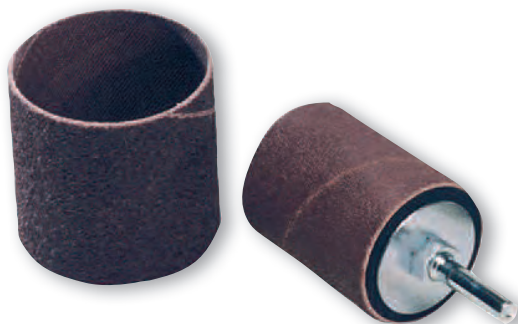
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Quote Fax: 877-420-1952

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SPIRAL WOUND BANDS "X" WT. CLOTH - A/O



Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Precise diameter sanding Sand contoured parts Quickly replace a dull band with a new one, no down time Remove parting lines, surface imperfections, tool marks, burrs Remove flashing from metal, plastic, rubber 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Stainless Plastics Rubber Composites 	

DIA. X LENGTH	GRIT	PART #
1/2" X 1/2" STD. PKG. 100	60	11947
	80	11948
	100	19208
	120	11949
1/2" X 1" STD. PKG. 100	36	11950
	50	11952
	60	11953
	80	11954
	100	16075
	120	11955
1/2" X 2" STD. PKG. 100	36	19245
	60	16671
	80	17169
	120	17170
3/4" X 1" STD. PKG. 100	36	11962
	50	11964
	60	11965
	80	11966
	100	19305
	120	11967
3/4" X 1 1/2" STD. PKG. 100	36	11968
	60	11971
	80	11972
	120	11973
3/4" X 2" STD. PKG. 100	36	11974
	50	11976
	60	11977
	80	11978
	120	11980
1" X 1" STD. PKG. 100	24	11980
	36	11981
	40	11982
	50	11983
	60	11984
	80	11985
	100	16965
	120	11986
1" X 1 1/2" STD. PKG. 100	24	11987
	36	11988
	50	11990
	60	11991
	80	11992
	120	11993

DIA. X LENGTH	GRIT	PART #
1 1/2" X 1" STD. PKG. 100	36	16765
	40	18762
	60	18765
	80	16683
	100	19459
1 1/2" X 1 1/2" STD. PKG. 100	24	12001
	36	12002
	40	12003
	50	12004
	60	12005
	80	12006
2" X 1" STD. PKG. 100	120	12007
	36	12016
	40	12017
	60	12019
2" X 1 1/2" STD. PKG. 100	80	12020
	120	12021
	24	12022
	36	12023
	40	12024
2" X 2" STD. PKG. 100	60	12026
	80	12027
	24	12029
	36	12030
	40	12031
	60	12033
3" X 3" STD. PKG. 100	80	12034
	120	12035
	24	12050
	36	12051
	40	12052
60	12054	
80	12055	
120	12056	

S/C & Zirc available. Call for price and delivery.
Mandrels - Page 40.

Other sizes and grits available.



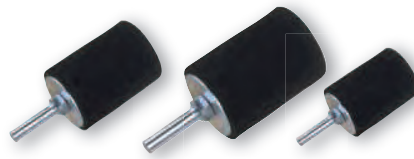
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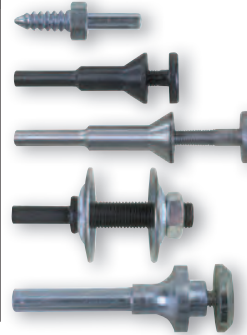
EXPANDING DRUMS



SIZE	PART #	SIZE	PART #	SIZE	PART #
1/4" x 1/2" x 1/8"	12057	5/8" x 2" x 1/4"	12067	1" x 3" x 1/4"	12076
3/8" x 1/2" x 1/8"	12058	3/4" x 1/2" x 1/4"	12068	1 1/2" x 1" x 1/4"	12080
1/2" x 1/2" x 1/8"	12059	3/4" x 1" x 1/4"	12069	1 1/2" x 1 1/2" x 1/4"	12081
1/2" x 1/2" x 1/4"	12060	3/4" x 1 1/2" x 1/4"	12070	2" x 1/2" x 1/4"	12083
1/2" x 1" x 1/4"	12061	3/4" x 2" x 1/4"	12071	2" x 1" x 1/4"	12084
1/2" x 1 1/2" x 1/4"	12062	1" x 1" x 1/4"	12073	2" x 1 1/2" x 1/4"	12085
1/2" x 2" x 1/4"	12063	1" x 1 1/2" x 1/4"	12074	2" x 2" x 1/4"	12086
5/8" x 1 1/2" x 1/4"	12066	1" x 2" x 1/4"	12075	3" x 3" x 3/8"	12090

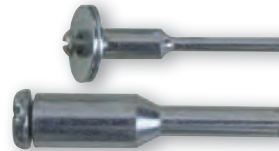
WHEEL MANDRELS

STYLE	MAX. WHEEL THICKNESS	ARBOR HOLE	SHANK	PART #
W-11	1"	3/16"	1/4"	37519
W-14	1/4"	1/4"	1/4"	12213
W-38	1/4"	3/8"	1/4"	12214
W-1438	1/4"	1/4" & 3/8"	1/4"	26222
W-14-5	1/2"	1/4"	1/4"	35733
W-14-10	1"	1/4"	1/4"	35734
1342	5/8"	1/4"	1/4"	10540
W-23	3/4"	3/8"	1/4"	12215
W-24	1/2"	1/2"	1/4"	12216
D12-1	1/4"	1/4"	1/4"	12211
D12-2	1/4"	3/8"	1/4"	12212



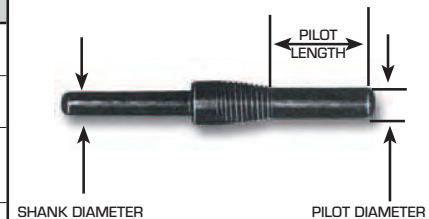
DISC MANDRELS

STYLE	ARBOR HOLE	O.A.L.	SHANK	PART #
D-1	1/16"	1 3/4"	1/8"	12220
D-2	1/8"	1 3/4"	1/8"	12221
D3-1	1/8"	2"	1/4"	12222
D3-2	1/4"	2"	1/4"	12223
D4-1	1/8"	3"	1/4"	12224
D4-2	1/4"	3"	1/4"	12225



CARTRIDGE ROLL MANDRELS

STYLE NO.	PILOT DIAMETER	PILOT LENGTH	SHANK DIAMETER	SHANK LENGTH	O/A LENGTH	PART #
CRM-1	5/64"	3/4"	1/8"	1"	2 3/4"	11920
CRM-2	3/32"	3/4"	1/8"	1"	2 3/4"	11921
CRM-2F	3/32"	1"	1/4"	1"	3"	46933
CRM-2E	3/32"	3/4"	1/4"	1"	2 3/4"	46934
CRM-4	1/8"	3/4"	1/8"	1"	2 3/4"	11923
CRM-5	1/8"	1"	1/8"	1"	3"	11924
CRM-6	1/8"	1 1/2"	1/8"	1"	3 1/2"	11925
CRM-7	1/8"	1/2"	1/4"	1"	2 1/4"	11926
CRM-8	1/8"	3/4"	1/4"	1"	2 1/2"	11927
CRM-8-6	1/8"	3/4"	1/4"	4 1/2"	6"	11928
CRM-9	1/8"	1"	1/4"	1"	2 3/4"	11929
CRM-9-6	1/8"	1"	1/4"	4 1/4"	6"	11930
CRM-9-8	1/8"	1"	1/4"	6 1/4"	8"	11931
CRM-10	1/8"	1 1/2"	1/4"	1"	3 1/4"	11932
CRM-15	3/16"	3/4"	1/4"	1 1/4"	2 3/4"	11934
CRM-16	3/16"	1"	1/4"	1 1/4"	3"	11935
CRM-16-6	3/16"	1"	1/4"	4 1/4"	6"	11936
CRM-17	3/16"	1 1/2"	1/4"	1 1/4"	3 1/2"	11937
CRM-20	1/4"	3/4"	1/4"	1 1/4"	2 3/4"	11939
CRM-21	1/4"	1"	1/4"	1 1/4"	3"	11940
CRM-21-6	1/4"	1"	1/4"	4 1/4"	6"	11941
CRM-22	1/4"	1 1/2"	1/4"	1 1/4"	3 1/2"	11942



PILOT LENGTH FOR MANDRELS

Rolls 1" long, use 3/4" pilot length.
 Rolls 1 1/2" long, use 1" pilot length.
 Rolls 2" long, use 1 1/2" pilot length.

Red Part Numbers Are Stock Items

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RESIN CLOTH SHOP ROLLS - A/O

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> • Flexible material, fast cutting action • Easily used for hand applications • Ideal for lathe work when sanding to a precise size • Use what you need to reduce waste • Standard tool for maintenance departments and machine shops 	<ul style="list-style-type: none"> ● Ferrous ● Non-Ferrous ● Stainless ● Plastics ● Rubber ● Composites 	

RESIN CLOTH PRODUCTION ROLLS - A/O

SIZE	GRIT	PART #
3" x 50 Yds. STD. PKG. 1	60J	26395
	80J	26870
	120J	26461
	180J	35158
	240J	27595
	320J	39427
6" x 50 Yds. STD. PKG. 1	60J	27135
	80J	27136
	120J	27137
	180J	27138
	240J	27139



BLUE SHOP ROLLS - A/O

SIZE	GRIT	PART #
1" x 50 Yds. STD. PKG. 1	60J	44951
	80J	44952
	100J	44953
	120J	44954
	150J	44955
	180J	44956
240J	44958	
1 1/2" x 50 Yds. STD. PKG. 1	60J	44959
	80J	44960
	100J	44961
	120J	44962
	150J	44963
	180J	44964
240J	44966	
2" x 50 Yds. STD. PKG. 1	60J	44967
	80J	44968
	100J	44969
	120J	44970
	150J	44971
	180J	44972
240J	44974	

SIZE	GRIT	PART #
1" x 50 Yds. STD. PKG. 1	50J	12106
	60J	12107
	80J	12108
	100J	12109
	120J	12110
	150J	12111
	180J	12112
	220J	12113
	240J	12114
	320J	12115
	400J	12116
	500J	12117
	Crocus	40038
1 1/2" x 50 Yds. STD. PKG. 1	50J	12118
	60J	12119
	80J	12120
	100J	12121
	120J	12122
	150J	12123
	180J	12124
	220J	12125
	240J	12126
	320J	12127
	400J	12128
	500J	12129
	Crocus	40039
2" x 50 Yds. STD. PKG. 1	50J	12130
	60J	12131
	80J	12132
	100J	12133
	120J	12134
	150J	12135
	180J	12136
	220J	12137
	240J	12138
	320J	12139
	400J	12140
	500J	12141
	Crocus	40040

COST CONTROL SHOP ROLLS - A/O

SIZE	GRIT	PART #
1" x 50 Yds. STD. PKG. 1	60J	26682
	80J	26683
	100J	26684
	120J	26685
	180J	26687
	240J	26689
320J	26690	
1 1/2" x 50 Yds. STD. PKG. 1	60J	26694
	80J	26695
	100J	26696
	120J	26697
	180J	26699
	240J	26701
320J	26702	
2" x 50 Yds. STD. PKG. 1	60J	26726
	80J	26727
	100J	26728
	120J	26729
	180J	26731
	240J	26733
320J	26734	


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RESIN CLOTH SHEETS - A/O

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> • Flexible material, fast cutting action • Easily used for hand applications • Ideal for lathe work when sanding to precise size • Use what you need to reduce waste • Standard tool for maintenance departments and machine shops 	<ul style="list-style-type: none"> ● Ferrous ● Non-Ferrous ● Stainless ● Plastics ● Wood ● Composites 	

SIZE	GRIT	PART #
9" x 11" STD. PKG. 50	40X	12145
	50X	12146
	60X	12147
	80J	12148
	100J	12149
	120J	12150
	150J	12151
	180J	12152
	220J	12153
	240J	12154
	320J	12155
	400J	12156
	500J	12157



EMERY CLOTH SHEETS

SIZE	GRIT	PART #
9" x 11" STD. PKG. — 50	Fine	12176
	Medium	12175
	Coarse	12174

CROCUS CLOTH SHEETS

SIZE	GRIT	PART #
9" x 11" STD. PKG. — 50	Crocus	16130



WATERPROOF PAPER SHEETS - S/C

SIZE	GRIT	PART #
9" x 11" STD. PKG. 50	80C	12158
	100C	21306
	120C	12159
	150C	18343
	180C	12160
	220A	12161
	240A	12162
	320A	12163
	400A	12164
	500A	12165
	600A	12166
	1000	40208
	1500	41347

GARNET PAPER SHEETS "C" WT.

SIZE	GRIT	PART #
9" x 11" STD. PKG. 100	60 (Crs)	48292
	100 (Med/Crs)	48293
	120 (Med)	16905
	150 (Fine)	48294
	220 (Extra Fine)	48295

CABINET PAPER SHEETS - A/O

SIZE	GRIT	PART #
9" x 11" STD. PKG. 50	40D	12167
	60D	12168
	80D	12169
	100C	12170
	120C	12171

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60° CENTER LAPS - A/O



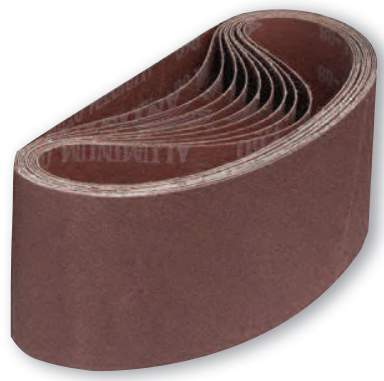
Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Rigid center lap holder reduces chatter Abrasive cloth will not slip with locknut holding system Designed to chamfer, debur and edge break holes and round parts 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Stainless Exotics 	Center Lapping Machines & Drill Presses

SIZE	GRIT	PART #	HOLDERS	PART #
3/4" - 60° STD. PKG. 100	60	12191	3/4"-60° x 1/2" SK.	12199
	80	12192		
	120	12193		
	180	12194		
1 1/2" - 60° STD. PKG. 100	60	12195	1 1/2"-60° x 1/2" SK.	12200
	80	12196		
	120	12197		
	180	12198		

Superior support



Turning a coated belt around will gain you 25% more life. Our belts have a 55° bi-directional butt splice.



COST CONTROL BELTS "X" WT. RESIN BOND - A/O

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Aggressive cutting action, long life For sanding all types of metal Grinding and deburring to high production sanding and polishing Used on wide range of machines from simple combination sanders to precise robotic cells 	<ul style="list-style-type: none"> Ferrous Non-Ferrous Stainless Plastics Wood Composites 	

SIZE	GRIT	PART #
1" x 30" STD. PKG. 50	60	10729
	80	10730
	100	10731
	120	10732
	180	10733
1" x 42" STD. PKG. 50	60	10738
	80	10739
	100	10740
	120	10741
2" x 72" STD. PKG. 10	60	10801
	80	10802
3" x 21" STD. PKG. 10	60	10855
	80	10856

Cost Control belts are only available in the sizes and grits shown.

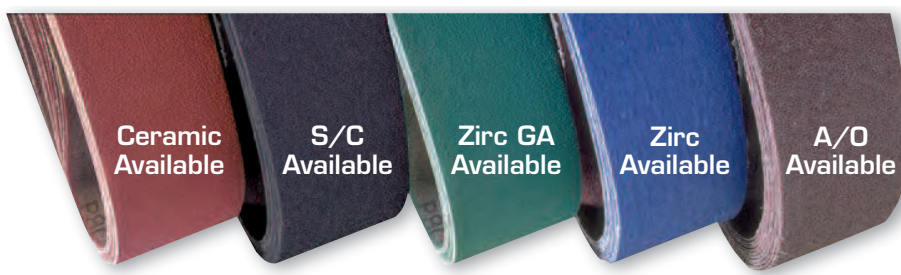
SIZE	GRIT	PART #
4" x 24" STD. PKG. 10	60	10945
	80	10946
	100	10947
	120	10948
4" x 36" STD. PKG. 10	50	10953
	60	10954
	80	10955
	120	10957
6" x 48" STD. PKG. 10	36	11032
	40	11033
	50	11034
	60	11035
	80	11036
	100	11037
120	11038	

All belts must be ordered in full standard packages.

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"X" WT. RESIN BOND BELTS - A/O

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> • Aggressive cutting action, long life • For sanding all types of metal • Grinding and deburring to high production sanding and polishing • Used on wide range of machines from simple combination sanders to precise robotic cells 	<ul style="list-style-type: none"> ● Ferrous ● Non-Ferrous ● Stainless ● Wood ● Exotics ● Composites 	

SIZE	GRIT	STD. PKG.	PART #
3/8" x 13"	36	200	10667
	40	200	10668
	50	200	10669
	60	50	10670
	80	50	10671
	100	200	10672
	120	50	10673
1/2" x 12"	36	200	10675
	40	200	10676
	50	200	10677
	60	50	10678
	80	50	10679
	100	200	10680
	120	200	10681
1/2" x 18"	36	200	14384
	40	200	14385
	50	200	14386
	60	50	14387
	80	50	14388
	100	200	14389
	120	200	14390
1/2" x 24"	36	50	10683
	40	50	10684
	50	200	10685
	60	50	10686
	80	50	10687
	100	200	10688
	120	50	10689
3/4" x 18"	36	50	10691
	40	50	10692
	50	200	10693
	60	50	10694
	80	50	10695
	100	200	10696
	120	50	10697
3/4" x 20 1/2"	36	200	10699
	40	200	10700
	50	200	10701
	60	50	10702
	80	50	10703
	100	200	10704
	120	200	10705
180	200	10706	

All belts must be ordered in full standard packages.

SIZE	GRIT	STD. PKG.	PART #
1" x 42"	36	200	10735
	40	200	43834
	50	200	10737
	60	100	43835
	80	100	43836
	100	200	43837
	120	200	43838
	180	200	43839
	240	200	18925
	320	200	20059
1 1/8" x 21"	36		10744
	40		10745
	50	50	10746
	60		10747
	80		10748
	100		10749
	120		10750
1 1/2" x 60"	36		10753
	40		10754
	50	50	10755
	60		10756
	80		10757
	100		10758
	120		10759
1 1/2" x 72"	36		10762
	40		10763
	50	50	10764
	60		10765
	80		10766
	100		10767
	120		10768
2" x 20"	36		10771
	40		10772
	50	50	10773
	60		10774
	80		10775
	100		10776
	120		10777
2" x 48"	36		10780
	40		10781
	50	50	10782
	60		10783
	80		10784
	100		10785
	120		10786
180		10787	

Other sizes and grits available.

Red Part Numbers Are Stock Items

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Ceramic Available

S/C Available

Zirc GA Available

Zirc Available

A/O Available

**"X" WT.
RESIN BOND BELTS - A/O**

SIZE	GRIT	STD. PKG.	PART #
2" x 60"	36	50	10789
	40		10790
	50		10791
	60		10792
	80		10793
	100		10794
	120		10795
	180		10796
2" x 132"	24	50	10806
	36		10807
	40		10808
	50		10809
	60		10810
	80		10811
	100		10812
	120		10813
	180		10814
	240		20633
320	16185		
2½" x 48"	36	50	10816
	40		10817
	50		10818
	60		10819
	80		10820
	100		10821
	120		10822
	180		27734
2½" x 60"	36	50	10825
	40		10826
	50		10827
	60		10828
	80		10829
	100		10830
	120		10831
	180		10832
2½" x 72"	36	50	10834
	40		10835
	50		10836
	60		10837
	80		10838
	100		10839
	120		10840
	180		10841
3" x 18"	36	50	10843
	40		10844
	50		10845
	60		10846
	80		10847
	100		10848
	120		10849
	180		10850
3" x 60"	36	50	10870
	40		10871
	50		10872
	60		10873
	80		10874
	100		10875
	120		10876
	180		10877

SIZE	GRIT	STD. PKG.	PART #
3" x 72"	36	50	10879
	40		10880
	50		10881
	60		10882
	80		10883
	100		34898
	120		10884
	180		10886
3" x 90"	36	50	10888
	40		10889
	50		10890
	60		10891
	80		10892
	100		10893
	120		10894
	180		10895
3" x 132"	24	50	32284
	36		10897
	40		10898
	50		10899
	60		10900
	80		10901
	100		10902
	120		10903
	180		10904
	240		16773
320	17060		
3" x 168"	24	50	10905
	36		10906
	40		10907
	50		10908
	60		10909
	80		10910
	100		10911
	120		10912
	180		28161
	3½" x 15½"		36
40		10916	
50		10917	
60		10918	
80		10919	
100		10920	
120		10921	
180		10922	
4" x 21"	36	50	10924
	40		10925
	50		10926
	60		10927
	80		10928
	100		10929
	120		10930
	180		20977
4" x 21¾"	36	50	10933
	40		10934
	50		10935
	60		10936
	80		10937
	100		10938
	120		10939
	180		10940

Other sizes and grits available.

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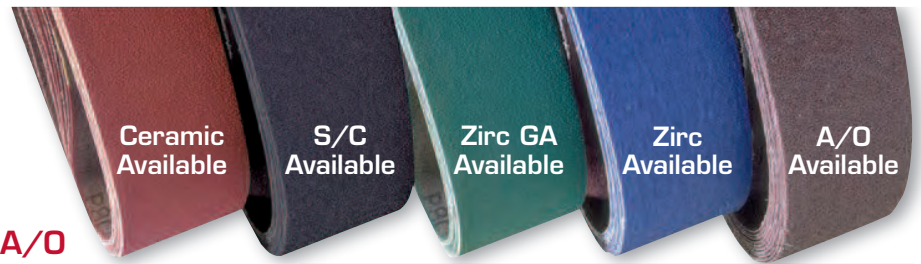
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COATED ABRASIVES

SUPERKUT®



**"X" WT.
RESIN BOND BELTS - A/O**

SIZE	GRIT	STD. PKG.	PART #
4" x 54"	24	50	10959
	36		10960
	40		10961
	50		10962
	60		10963
	80		10964
	100		10965
	120		10966
	180		10967
4" x 60"	24	50	10968
	36		10969
	40		10970
	50		10971
	60		10972
	80		10973
	100		10974
	120		10975
	180		10976
4" x 84"	24	50	10977
	36		10978
	40		10979
	50		10980
	60		32319
	80		10982
	100		10983
	120		10984
	180		10985
4" x 90"	24	50	10986
	36		10987
	40		10988
	50		10989
	60		10990
	80		10991
	100		10992
	120		10993
	180		10994
4" x 96"	24	50	10995
	36		10996
	40		10997
	50		10998
	60		10999
	80		11000
	100		11001
	120		11002
	180		11003
4" x 106"	24	50	11004
	36		11005
	40		11006
	50		11007
	60		11008
	80		11009
	100		11010
	120		11011
	180		11012
4" x 132"	24	50	11013
	36		11014
	40		11015
	50		11016
	60		11017
	80		11018
	100		11019
	120		11020
	180		11021

SIZE	GRIT	STD. PKG.	PART #
4" x 168"	24	50	11022
	36		11023
	40		11024
	50		11025
	60		11026
	80		11027
	100		11028
	120		33378
	180		11030
6" x 48"	24	20	11031
	36		43840
	40		43841
	50		43842
	60		43843
	80		43844
	100		43845
	120		43846
	180		11039
6" x 60"	24	20	14967
	36		14968
	40		14969
	50		14970
	60		14971
	80		14972
	100		14973
	120		14974
	180		14976
6" x 132"	24	20	14981
	36		14982
	40		14983
	50		14984
	60		14985
	80		29767
	100		14987
	120		14988
	180		14990
6" x 168"	24	20	11040
	36		11041
	40		11042
	50		11043
	60		11044
	80		11045
	100		11046
	120		11047
	180		11048
8" x 107"	24	20	11058
	36		11059
	40		11060
	50		11061
	60		11062
	80		11063
	100		11064
	120		11065
	180		11066
10" x 70½"	24	20	11067
	36		11068
	40		11069
	50		11070
	60		11071
	80		11072
	100		11073
	120		11074
	180		11075

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**"X" WT. RESIN BOND
WIDE CLOTH BELTS - A/O**

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> • Aggressive cutting action • For sanding all types of materials • Wide belts can be washed for extended life • Used on a wide range of machines, such as Time Savers® 	<ul style="list-style-type: none"> ● Ferrous ● Non-Ferrous ● Stainless ● Wood ● Solid Surfaces 	

SIZE	GRIT	STD. PKG.	PART #
18" x 85"	36	5	24353
	40		24354
	50		24355
	60		24356
	80		24357
	100		24358
	120		24359
19" x 48"	36	5	26100
	40		38436
	50		38437
	60		38438
	80		21357
	100		37938
	120		25289
25" x 60"	36	5	24379
	40		24380
	50		24381
	60		24382
	80		24383
	100		24384
	120		24385
25" x 75"	36	5	24391
	40		24392
	50		24393
	60		24164
	80		24394
	100		24395
	120		24165
30" x 103"	36	5	24398
	40		24399
	50		24400
	60		24401
	80		24402
	100		24403
	120		21681
36" x 60"	36	5	24406
	40		24407
	50		24408
	60		24409
	80		24410
	100		24411
	120		24412
	180		24413

SIZE	GRIT	STD. PKG.	PART #
36" x 75"	36	5	24417
	40		24418
	50		24419
	60		24420
	80		18704
	100		24421
	120		24422
37" x 60"	36	5	24425
	40		22886
	50		17150
	60		21649
	80		17151
	100		16723
	120		30361
37" x 75"	36	5	24427
	40		24428
	50		24429
	60		18975
	80		18976
	100		24430
	120		24167
50" x 103"	36	5	24432
	40		24433
	50		24434
	60		24435
	80		24436
	100		24437
	120		24438
52" x 75"	36	5	24441
	40		24442
	50		24443
	60		24444
	80		24445
	100		24446
	120		24447
52" x 103"	36	5	24459
	40		24460
	50		24461
	60		24462
	80		24463
	100		24464
	120		24465
	180		24466

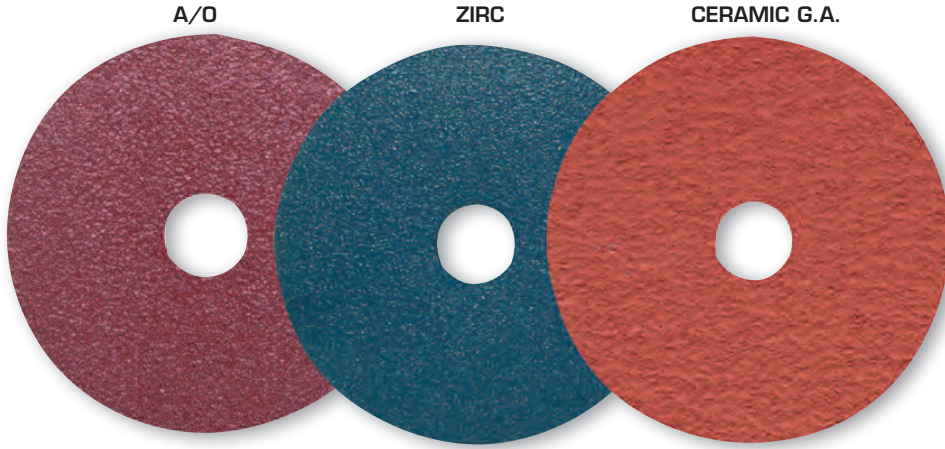
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RESIN FIBER DISCS - A/O

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Grinding and stock removal Blending welds, surface leveling Most aggressive coated abrasive for sanding large areas Removes rust and surface imperfections Fiber backing adds rigidity 	<ul style="list-style-type: none"> ● Ferrous ● Non-Ferrous ○ Stainless ○ Exotics ○ Metal Matrix ● Composites 	

RESIN FIBER DISCS - ZIRC

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Heavy grinding, stock removal, weld blending, surface leveling Most aggressive coated abrasive for sanding large areas Ideal for stainless Fiber backing adds rigidity and grain support 	<ul style="list-style-type: none"> ● Ferrous ● Stainless ● Exotics ● Metal Matrix ● Composites 	

SIZE	GRIT	MAX RPM	STD. PKG.	7/8" HOLE PART #	5/8-11 QUICK-CHANGE PART#
4 1/2"	24	13,300	25	11718	11768
	36			11719	11769
	50			11720	11770
	60			11721	11771
	80			11722	11772
	120			11724	11774
5"	16	12,200	25	11725	11775
	24			11726	11776
	36			11727	11777
	50			11728	11778
	60			11729	11779
	80			11730	11780
7"	16	8,600	25	11733	11783
	24			11734	11784
	36			11735	11785
	50			11736	11786
	60			11737	11787
	80			11738	11788
	120			11740	11790

SIZE	GRIT	MAX RPM	STD. PKG.	7/8" HOLE PART #	5/8-11 QUICK-CHANGE PART#
4 1/2"	24	13,300	25	11748	11798
	36			11749	11799
	50			11750	11800
	60			11751	11801
	80			11752	11802
	5"			24	12,200
36		11754	11804		
50		11755	11805		
60		11756	11806		
80		11757	11807		
7"		24	8,600	25	
	36	11759			11809
	50	11760			11810
	60	11761			11811
	80	11762			11812

Disc Cutter - Page 52.

Superior support



Superior Abrasives fiber discs have tremendous edge wear.

CROSS REFERENCE

Superior	Norton	3M	VSM	Gemtex	Sait	Hermes	Carbo
A/O	F226	281C 381C	KF708	A-TYPE C-TYPE	2A	RB314X	V0945 V0947
Zirc	F826	501C	ZF713	ZEE TYPE	Z	RB414X	Z1145 V1247
Ceramic GA	F944 F968	988C 983C 785C	SF750 SF840	PMD	—	CB444X	V2547

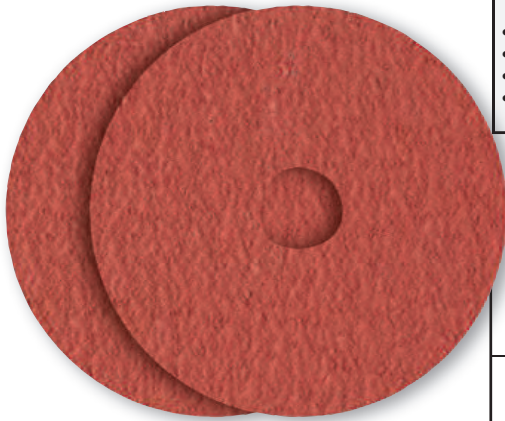
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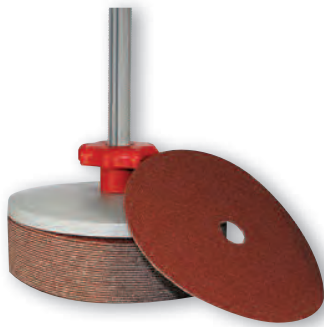
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RESIN FIBER DISCS - CERAMIC G.A.



Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> • Designed for heavy grinding, stock removal, when heat is an issue • Heavy weld blending and surface leveling • Aggressive sanding • Ideal for grinding titanium and exotic metals • Fiber backing adds rigidity and grain support 	<ul style="list-style-type: none"> ● Ferrous ● Non-Ferrous ● Stainless ● Exotics ● Metal Matrix ○ Composites 	

SIZE	GRIT	MAX RPM	STD. PKG.	7/8" HOLE PART #	5/8-11 QUICK-CHANGE PART#
4 1/2"	24	13,300	25	43582	43900
	36			43583	43901
	50			43830	43902
	60			43553	43903
	80			43831	43904
5"	24	12,200	25	42965	43905
	36			42966	43906
	50			42967	43907
	60			42655	43908
	80			41929	43909
7"	24	8,600	25	40703	43910
	36			40704	43911
	50			42390	43912
	60			40705	43913
	80			42969	43914



FIBER DISC HOLDER

DESCRIPTION	PART #
Fiber Disc Holder	45176

Supplied for 5/8 - 11 Threaded Arbor



AIR COOLED BACK UP PADS

STYLE	DESCRIPTION	PART #
R425	4 1/2" Medium	11847
R500	5" Medium	11850
F700	7" Flexible	11852
R700	7" Medium	11853
H700	7" Rigid	11854
R900	9" Medium	11856
D11	Pad Nut	11858
PW10	Pad Wrench	11859

Nut and wrench not supplied with pad.

Superior support

FIBER DISCS

Premium A/O

Heat treated A/O grain is a good starting point for general purpose applications such as stock removal, weld blending, and leveling.

Zirc

Blended Zirconia and heat treated A/O, doubles the cutting action. Ideal for aggressive high pressure applications.

Ceramic

SG Grain self-sharpens during use. Breaking down with less pressure generating less heat. The grinding aid keeps the disc cool.

Value

Heat Dissipation

Life

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FLAP DISCS - CERAMIC G.A.

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> • Longer life with more stock removal compared to zirconia discs • Aggressive grinding on stainless and exotic metals • Easier to control than a grinding wheel with no chatter • Much quieter to operate compared to grinding wheels 	<ul style="list-style-type: none"> ● Ferrous ○ Non-Ferrous ● Stainless ● Exotics ○ Metal Matrix 	



TYPE 29



Angle Face

SIZE	DENSITY	MAX RPM	GRIT				STD. PKG.
			36	40	60	80	
4 1/2" x 7/8" 4 1/2" x 5/8-11	Standard	13,300	48299	48300	48301	48302	10
			48303	48304	48305	48306	
7" x 7/8" 7" x 5/8-11	Standard	8,600	48307	48308	48309	48310	10
			48311	48312	48313	48314	

TYPE 27



Flat Face

SIZE	DENSITY	MAX RPM	GRIT				STD. PKG.
			36	40	60	80	
4 1/2" x 7/8" 4 1/2" x 5/8-11	Standard	13,300	48315	48316	48317	48318	10
			48319	48320	48321	48322	
7" x 7/8" 7" x 5/8-11	Standard	8,600	48323	48324	48325	48326	10
			48327	48328	48329	48330	

High
Performance
Ceramic Grain

Superior
support

Flap discs replace the "Step-Down" approach of traditional fiber discs and vitrified wheels by grinding and finishing in one easy step, reducing cycle time.

QUICK CHANGE MINI FLAP DISCS - ZIRC

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> • Aggressive grinding for tight areas • Combines grinding and finishing • Layers cut through to continually expose fresh grain • Cotton layers cushion cutting action • Great for removing cutting torch slag from steel and grinding welds 	<ul style="list-style-type: none"> ● Ferrous ○ Non-Ferrous ● Stainless ● Exotics ○ Metal Matrix ○ Composites 	

SIZE	STD. PKG.	GRIT	MAX RPM	PART #
2"	10	36	25,000	37895
		40		37896
		60		37897
		80		37898
		120		37899
3"	10	36	20,000	37905
		40		37906
		60		37907
		80		37908
		120		37909



Type-"R"

TYPE "R" DISC HOLDERS - 1/4" SHANK

SIZE	DENSITY	MAX RPM	PART #
2"	MED.	25,000	11275
3"	MED.	20,000	11276

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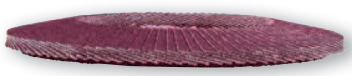
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FLAP DISCS

TYPE 29 - A/O

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> • General purpose grinding and stock removal • Fiberglass backed Type-29 adds aggression • Easier to control than a grinding wheel with no chatter • Ideal for mild steels and aluminum 	<ul style="list-style-type: none"> ● Ferrous ● Non-Ferrous ● Stainless ● Composites 	



STANDARD

SIZE	DENSITY	MAX RPM	GRIT				STD. PKG.
			36	40	60	80	
4 1/2" x 7/8"	Standard		—	40053	44020	44021	
4 1/2" x 7/8"	High Density	13,300	—	21950	21951	21952	10
4 1/2" x 5/8-11	High Density		—	34326	34327	34328	



HIGH DENSITY

TYPE 27 - ZIRC

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> • Grinding and stock removal on mild and stainless steel • Fiberglass backed Type 27 is more for finishing • Easier to control than a grinding wheel with no chatter • Much quieter to operate compared to grinding wheels • Eliminate traditional fiber disc step-over grinding 	<ul style="list-style-type: none"> ● Ferrous ● Non-Ferrous ● Stainless ● Exotics ● Metal Matrix 	



TYPE 27

SIZE	DENSITY	MAX RPM	GRIT				STD. PKG.
			36	40	60	80	
4 1/2" x 7/8"	Standard		11822	34982	11823	11824	
4 1/2" x 7/8"	High Density	13,300	44027	39820	35888	39815	10
4 1/2" x 5/8-11	Standard		34323	40572	34324	34325	
4 1/2" x 5/8-11	High Density		—	40367	44909	44945	



Flat Face

- Finishing
- Flat Surface Grinding

TYPE 29 - ZIRC

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> • Grinding and stock removal on mild and stainless steel • Fiberglass backed Type 29 adds aggression • Easier to control than a grinding wheel with no chatter • Much quieter to operate compared to grinding wheels • Eliminate traditional fiber disc step-over grinding 	<ul style="list-style-type: none"> ● Ferrous ● Non-Ferrous ● Stainless ● Exotics ● Metal Matrix 	



TYPE 29

Angle Face

- Beveling
- Aggressive Stock Removal
- Weld Grinding

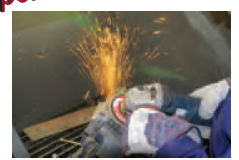
SIZE	DENSITY	MAX RPM	GRIT				STD. PKG.
			36	40	60	80	
4 1/2" x 7/8"	Standard		39995	44028	44029	44030	
4 1/2" x 7/8"	High Density	13,300	40145	28848	28849	28850	10
4 1/2" x 5/8-11	Standard		46656	46657	46658	46659	
4 1/2" x 5/8-11	High Density		—	34329	34006	34330	
7" x 7/8"	Standard	8,600	—	43605	43606	46663	10

TYPE 29 - ZIRC G.A.

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> • Grinding and stock removal on mild and stainless steel • Fiberglass backed Type 29 adds aggression • Easier to control than a grinding wheel with no chatter • Much quieter to operate compared to grinding wheels • Eliminate traditional fiber disc step-over grinding 	<ul style="list-style-type: none"> ● Ferrous ● Non-Ferrous ● Stainless ● Exotics ● Metal Matrix 	

SIZE	DENSITY	MAX RPM	GRIT				STD. PKG.
			36	40	60	80	
4 1/2" x 7/8"	Standard		44039	44040	44041	44042	
4 1/2" x 7/8"	High Density	13,300	39656	39657	39658	39659	10
4 1/2" x 5/8-11	Standard		46667	44947	46665	46666	
4 1/2" x 5/8-11	High Density		—	39661	39662	39663	
7" x 7/8"	Standard	8,600	—	46895	46668	46835	10

Superior support



For the most aggressive stock removal, use a coarse grit Type 29 disc.

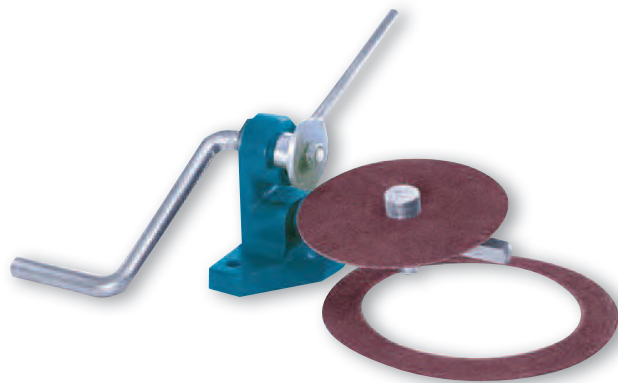
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"ROUNDER" FIBER DISC CUTTER

DESCRIPTION	PART#
Disc Cutter With Blades	12142
Replacement Upper Blade	12143
Replacement Lower Blade	12144



Superior support



The "Rounder" will remove the used portion of a fiber disc, cutting the disc down to a smaller size yielding a new aggressive cutting edge.



CUT-OFF WHEELS

Characteristics/Applications	Materials	Tool Selector
<ul style="list-style-type: none"> Resinoid cut-off wheels are reinforced with woven fiberglass Provides fast, clean cutting action Great for angle iron, pipes, high tensile steel, and stainless 	<ul style="list-style-type: none"> ● Ferrous ● Non-Ferrous ● Stainless ● Plastics ○ Composites 	

SIZE	GRIT	STD. PKG.	PART #
3" x 1/32" x 1/4"	A60T	100	45266
3" x 1/16" x 1/4"	A46T	50	45267
3" x 1/8" x 1/4"	A36R	25	45263
3" x 1/32" x 3/8"	A60T	100	45264
3" x 1/16" x 3/8"	A46T	50	45265
3" x 1/8" x 3/8"	A36R	25	45268
4" x 1/32" x 3/8"	A60T	100	45269
4" x 1/16" x 3/8"	A46T	50	45270
4" x 1/8" x 3/8"	A36R	25	45271

TYPE-27 CUT-OFF FOR ANGLE GRINDERS

SIZE	GRIT	STD. PKG.	PART #
4 1/2" x .045" x 7/8"	A60T	25	45272

CUT-OFF WHEEL MANDRELS



STYLE	ARBOR HOLE	SHANK	PART #
W-14	1/4"	1/4"	12213
W-38	3/8"	1/4"	12214
W-1438	1/4" & 3/8"	1/4"	26222

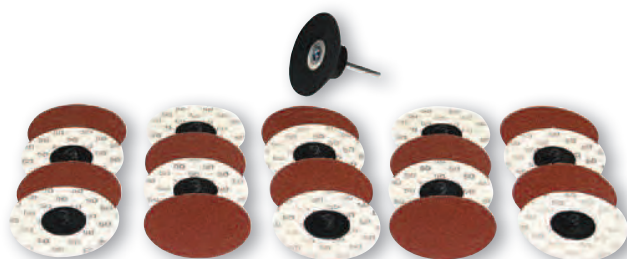


CARTRIDGE ROLL KIT "X" WT. CLOTH - A/O

CONTENTS

Each kit contains 120 pcs. of the most popular sizes of straight cartridge rolls and full tapered rolls from 1/4" to 1/2" diameter in both 1" and 1 1/2" lengths. Grits are 80 and 120 resin bond. Also included are 2 mandrels with 1/4" shank.

PART # **28802**



RIGID KUT DISC KITS - A/O

CONTENTS

Each 2" kit contains 5 pieces each A/O 36, 60, 100, 120 grits. 1 medium density holder with 1/4" shank.

TYPE "S" PART # **46845**

TYPE "R" PART # **46846**



21-PIECE ABRASIVE DISC KITS - A/O

CONTENTS

5 discs ea. in A/O 36, 60, 80, and 120 grit. 1 med. density holder with 1/4" shank.

2" TYPE "S" PART # **34309**

2" TYPE "R" PART # **37500**

5-PIECE MINI FLAP WHEEL KIT - A/O

CONTENTS

Each kit contains five wheels in various grits and widths in 3/8", 5/8", 3/4" and 13/16" diameters all mounted on a 1/8" diameter hardened steel shank.

PART # **27276**



10-PIECE FLAP WHEEL TEST KIT - A/O

CONTENTS

3" x 1"; One wheel each in 60, 80 and 120 grit
 2" x 1"; One wheel each in 60, 80, 120 and 180 grit
 1" x 1"; One wheel each in 60, 80 and 120 grit
 1/4" SHANK PART # **28799**



16-PIECE SURFACE CONDITIONING DISC KIT - A/O

CONTENTS

5 ea. surface conditioning discs in coarse, med. and very fine. 1 med. density holder with 1/4" shank.

2" TYPE "S" PART # **34311**

2" TYPE "R" PART # **37501**

6-PIECE FINISHING WHEEL KIT - A/O

CONTENTS

1 EA. MTD. DISC WHEEL - 2³/₈" x 1" x 1/4" SK. A/O MEDIUM
 1 EA. MTD. DISC WHEEL - 2³/₈" x 1" x 1/4" SK. A/O FINE
 1 EA. MTD. DISC WHEEL - 3" x 1" x 1/4" SK. A/O FINE
 1 EA. MTD. DISC WHEEL - 3" x 1" x 1/4" SK. A/O MEDIUM
 1 EA. MTD. DUPLEX WHEEL - 3" x 1" x 1/4" SK. 80 GRIT
 1 EA. MTD. DUPLEX WHEEL - 3" x 1" x 1/4" SK. 180 GRIT
 PART # **32061**



MTD. XL WHEEL KITS

CONTENTS

1 WHEEL - 1"x 1/8" x 1/8" SK. 2S FINE
 1 WHEEL - 1"x 1/8" x 1/8" SK. 6A MEDIUM
 1 WHEEL - 1"x 1/8" x 1/8" SK. 8A COARSE
 1 WHEEL - 1"x 1/4" x 1/8" SK. 2S FINE
 1 WHEEL - 1"x 1/4" x 1/8" SK. 6A MED.
 1 WHEEL - 1"x 1/4" x 1/8" SK. 8A COARSE

KIT #1 PART # **40544**



CONTENTS

1 WHEEL - 1 1/2"x 1/4" x 1/4" SK. 2S FINE
 1 WHEEL - 1 1/2"x 1/4" x 1/4" SK. 6A MEDIUM
 1 WHEEL - 1 1/2"x 1/4" x 1/4" SK. 8A COARSE
 1 WHEEL - 2"x 1/4" x 1/4" SK. 2S FINE
 1 WHEEL - 2"x 1/4" x 1/4" SK. 6A MED.
 1 WHEEL - 2"x 1/4" x 1/4" SK. 8A COARSE

KIT #2 PART # **40545**

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CONDITIONS OF SALES

ORDERING: All items should be ordered by part number and placed through your local Superior distributor, they stock many of our products for your convenience. Call us for the one nearest you.

MINIMUM ORDER: Each order must be \$50.00 Net Per Invoice to a single destination. Each item must be ordered in a full "Standard Package."

PRICING: Prices listed in this catalog are consumer list prices and subject to change without notice, although every effort will be made to announce any changes 30 days in advance. Stenographical and clerical errors, should they occur, are subject to correction. All agreements, which includes sales, are contingent upon strikes, fires, accidents, delays of nature or other causes unavoidable beyond our control.

TERMS OF PAYMENT: Terms are net 30 days. All invoices over 60 days will be considered delinquent, and all in-house orders will be placed on hold until balance of the account is brought below 40 days. Any account placed for collection will receive a finance charge of 1-1/2% per month (18% per year) to balances over 30 days, plus attorney fees and costs. To establish an open account, your firm must supply three industrial and one bank reference.

FREIGHT: For Distributor orders to be shipped within the continental U.S. of a value of \$500 net per invoice or more, Superior will prepay freight charges one time for delivery to customer, all partial shipments will be charged and added to invoice. For all shipments of a value less than \$500 net, the cost of freight will be added to the distributor's invoice. Each release from a blanket order must total \$500 net or more to receive prepaid freight. Export shipments will be shipped freight collect. A separate charge may be made for customer's special routing instructions. All orders are sold in Ohio and title passes to the buyer when your order leaves Superior's factory. The buyer is solely responsible for their shipment. By placing an order, you authorize us to act on your behalf to engage a common carrier to deliver your order to you. Freight will be charged for all sample requests.

ADD-ON POLICY: Due to the speed of our order entry, production manufacturing process, and rapid shipment of goods, we find it detrimental to our service to accept additions to existing orders.

QUANTITY VARIANCE: Due to the nature of manufacturing, Superior reserves the right to overship or undership the quantity ordered by 10%

RETURNED GOODS POLICY: We will not accept the return of merchandise without our "RETURN AUTHORIZATION NUMBER" clearly marked on all boxes. When a R/A number is issued by our Customer Service Department they will "fax" all information to you. The merchandise must be returned to Superior within 30 days from the date the R/A number was issued. After 30 days R/A numbers are automatically cancelled in house and the request will become null and void. All credits must be taken within six months or they will be disallowed. Superior reserves the right to accept returns in quantities relative to our established stocking levels. Freight is to be prepaid and a \$15.00 or 15% (whichever is greater) restocking and handling charge will apply unless "Superior" is at fault. Many of our items fall into a "non-stock" or "special order" category, items in this group are not returnable. In any case no merchandise may be returned after six months from date of shipment from our factory. All claims of shortages must be made within 10 days after receipt of goods.

LIMITED WARRANTY: Superior Abrasives, Inc. warrants that its products shall be free from defects in material and workmanship under normal and ordinary usage when owned by the original purchaser for a period of six months from the date such products are shipped from Superior's factory. Any claim for breach of Warranty must be brought within 30 days after customer's receipt of the product and customer must cease use of the product pending Superior's substantiation of any warranty claim. In the event a product defect shall occur, Superior shall, at its option, repair or replace the defective product(s) or, upon return of such product(s), cancel the transaction and refund to customer any amount previously paid therefor.

THIS WARRANTY EXPRESSLY IS MADE IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. SUPERIOR ABRASIVE, INC.'S EXCLUSIVE DUTIES TO PURCHASERS OF ITS PRODUCTS WILL BE AS HEREINABOVE PROVIDED. CUSTOMERS SHALL HAVE NO CLAIM AGAINST SUPERIOR FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Safety Warning

Coated, bonded and non-woven abrasives are dangerous if used improperly. Please comply with all safety regulations set by the AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) Z87.1. also by OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA); covering eye, face, and body protection, wheel and discs speeds, safety guards, flanges, mounting and operating procedures.



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