

Cutting Wheels

Type 27 - .045" Depressed Center Wheels

ABRASIVES



A60S - General Purpose

- So unique it has a patent
- Thin .045 width
- Special aluminum oxide grain
- Hard bond for extremely long life
- **Fast, burr-free cutting**

.045TM

METAL

Ferrous and/or non-ferrous metals (iron, steel, welds, etc.)



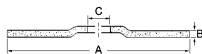
A46N - Aluminum (Non-Ferrous Metals)

- Aluminum oxide grain
- Thin .045 width
- **Soft bond for aggressive cutting without loading**

.045TM

ALUMINUM

Non-ferrous metals (aluminum, copper, brass, etc.)



Size			Max RPM	Grades Available		Qty	Qty	Lbs
A Dia.	B Width	C Bore		Part Numbers		Per Box	Per Ctn	Per Box
4	.045	5/8	19,000	22011	22340	50	200	4
4-1/2	.045	7/8	13,300	22021	22345	50	200	4
4-1/2	.045	5/8-11	13,300	22318	22320	10	40	2
5	.045	7/8	12,200	22071	22350	50	200	6
5	.045	5/8-11	12,200	23305	23307	10	-	2
6	.045	7/8	10,200	22047	22360	50	200	8
7	.045	7/8	8,500	22053	22370	50	200	14



- Unique, thin Type 27 shape can be used on all angle grinders in accordance with ANSI B7.1
- Special aluminum oxide formulation offers the fastest cutting, longest lasting thin wheels
- Externally reinforced with fiberglass layers to provide ultimate safety in a thin wheel

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Cutting Wheels

Type 27 - .090" Depressed Center Wheels



A60S

General Purpose

- Thin .090 width
- Special aluminum oxide grain
- Hard bond for extremely long life
- Excellent for notching and cutting

METAL Ferrous and/or non-ferrous metals (iron, steel, welds, etc.)



Z-Tech

High Performance

- Tough zirconium grain
- High performance cutting and notching for the toughest applications

METAL Ferrous metals (iron, steel, welds, etc.)

STAINLESS Stainless steel, high tensile alloys

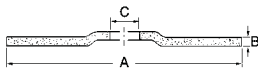
Saitech

Ultimate Performance™

- High performance, ceramic aluminum oxide grain
- Very uniform, high density grain structure is extremely durable and self sharpening for long life and cooler cut
- Combines fast cutting with extremely long life for tough cutting applications
- Ideal for foundry applications (gates, risers)

STAINLESS Stainless steel, high tensile alloys

METAL Ferrous metals (iron, steel, welds, etc.)



Size			Max RPM	Grades Available			Qty Per Box	Qty Per Ctn	Lbs Per Box
A Dia.	B Width	C Bore		A60S	Z-tech™	Saitech™			
4	.090	5/8	19,000	20902	20942	20922	25	100	4
4-1/2	.090	7/8	13,300	20903	20943	20923	25	100	4
4-1/2	.090	5/8-11	13,300	20913	20953	20933	10	40	5
5	.090	7/8	12,200	20904	20944	20924	25	100	6
5	.090	5/8-11	12,200	20914	20954	-	10	40	5
6	.090	7/8	10,200	20905	20945	20925	25	100	8
6	.090	5/8-11	10,200	20915	20955	20935	10	40	7
7	.090	7/8	8,500	20906	20946	20926	25	100	14
7	.090	5/8-11	8,500	20916	20956	20936	10	40	11
9	.090	7/8	6,600	20909	-	-	25	50	21
9	.090	5/8-11	6,600	20919	-	-	10	40	11



5/8-11 Hub



Angle Grinder

- Unique, thin Type 27 shape can be used on all angle grinders in accordance with ANSI B7.1
- Special bond formulation offers the fastest cutting, longest lasting thin wheels
- Externally reinforced with fiberglass layers to provide ultimate safety in a thin wheel
- Saitech™ is manufactured with patented 3M™ ceramic abrasive grain to outlast standard aluminum oxide wheels

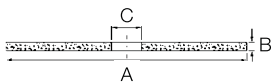
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Cutting Wheels

Type 1 - Thin High Speed Cut-Off Wheels



* These sizes are typically used for tool room applications



A Dia.	Size		Max RPM	Grades Available Part Numbers			Qty Per Box	Qty Per Ctn	Lbs Per Box
	B Width	C Bore		A36T	A60S	A60T			
4-1/2	.045	7/8	13,300	-	23101	-	50	200	4
5	.045	7/8	12,200	-	23103	-	50	200	2
6	1/16	1/2	10,186	23202	-	23203	50	50	8
6	1/16	5/8	10,186	23200	-	23201	50	50	8
6	.035	1/2	10,186	23206	-	23207	50	50	5
6	.035	7/8	10,186	23210	-	23211	50	50	5
6	.035	5/8	10,186	23204	-	23205	50	50	5
6	.045	5/8	10,200	-	23105	-	50	200	4
6	.045	7/8	10,200	-	23106	-	50	200	4
7*	1/16	1-1/4	8,732	23250	-	23251	50	50	12
7	1/16	5/8	8,732	23265	-	23266	50	50	6
7*	.035	1-1/4	8,732	23252	-	23253	50	50	4
7	.045	5/8	8,500	-	23107	-	50	200	4
8	1/16	5/8	7,640	23275	-	23276	50	50	7
8*	1/16	1-1/4	7,640	23277	-	23278	50	50	7

- Type 1 shape for square, burr-free cutting
- Externally reinforced with fiberglass layers to provide ultimate safety in a thin wheel
- Wide range of grit sizes available for aggressive action to burr-free cutting

A24R - General Purpose

- Aluminum oxide grain
- General purpose, long life

METAL Ferrous metals
(iron, steel, welds, etc.)

A36T - Fast Cutting

- Aluminum oxide grain
- Hard bond for aggressive cutting on rough applications

METAL Ferrous metals
(iron, steel, welds, etc.)

STAINLESS Stainless steel

A60S

- Thin .045 width
- Use with reusable 5/8-11 adaptor to fit angle grinders
- Extremely fast cutting with long life

METAL Ferrous and/or non-ferrous metals
(iron, steel, welds, etc.)

A60T - Burr Free

- Hard bond for smooth cutting
- For use in nuclear, aerospace, automotive, foundry industries, and plant maintenance

METAL Ferrous metals
(iron, steel, welds, etc.)

STAINLESS High tensile metals

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Cutting Wheels

Type 1 - Portable Saw Cut-Off Wheels



A24R - General Purpose/Durability

- Special aluminum oxide grain
- Provides consistent performance with **long life**

METAL Ferrous metals (steel, angle iron, rebar)

XFC™ - Extremely Fast Cutting

- Special aluminum oxide grain formula
- **Fast cutting action**
- Non-binding cutting formula

METAL Ferrous metals

STAINLESS Stainless steel, high tensile alloys



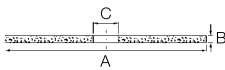
SAIT Pro - Metal

- Aluminum oxide grain
- **Best value for a fast cut**

METAL Ferrous metals

ABRASIVES

All 14" and 16" portable wheels now formulated for high powered saws



Size			Max RPM	Grades Available			Qty Per Box	Qty Per Ctn	Lbs Per Box
A Dia.	B Width	C Bore		Part Numbers					
12	1/8	1	6,300	23410	23414	-	10	50	13
12	1/8	20mm	6,300	23420	23421	-	10	50	14
14	1/8	1	5,400	23450	24135	24150	10	20	19
14	1/8	20mm	5,460	23455	24140	24160	10	20	24
16	1/8	1	4,800	23459	-	-	10	20	30

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

- Type 1 shape for square, burr-free cutting
- Externally reinforced with the highest quality fiberglass to withstand the toughest applications
- Available in many arbor sizes to fit a wide variety of tools

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Cutting Wheels

Type 1 - Portable Saw Cut-Off Wheels

ABRASIVES



SAIT Pro - Concrete

- Silicon carbide grain
- Best value for a fast cut**

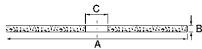
CONCRETE Stone, brick, soft aggregate, masonry, concrete



BIG M.A.C.™ - Very Long Life

- Special silicon carbide grain
- Superior cutting action
- 40% longer life than general purpose concrete wheels

CONCRETE Masonry, Asphalt, Concrete



Size	Bore		Max RPM	Part Number	Qty Per Box	Qty Per Ctn	Lbs Per Box
	Width	C					
12	1/8	1	6,300	23413	10	50	12
12	1/8	20mm	6,300	23423	10	50	12
14	1/8	1	5,400	23451	10	20	16
14	1/8	20mm	5,460	23456	10	20	15
16	1/8	1	4,800	23461	10	20	30

BIG M.A.C.™

12	1/8	1	6,300	23460	10	50	14
12	1/8	20mm	6,300	23462	10	50	14
14	1/8	1	5,400	23463	10	20	18
14	1/8	20mm	5,460	23464	10	20	18

SAIT Pro

12	1/8	1	6,300	23418	10	50	12
12	1/8	20mm	6,300	23427	10	50	12
14	1/8	1	5,400	24122	10	20	16
14	1/8	20mm	5,460	24127	10	20	15

C24R - Concrete

- Silicon carbide grain
- Long life

CONCRETE Stone, brick, soft aggregate, masonry, concrete, schedule 40 and schedule 80 PVC pipe

All 14 and 16 portable wheels now formulated for high powered saws

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

- External fiberglass reinforcement withstands offhand lateral pressure for added safety and controlled performance
- Special silicon carbide grain formula provides excellent cutting action on masonry, concrete, stone and aggregate

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Cutting Wheels

Type 1 - Stationary Saw Cut-Off Wheels



A24N - Fast Cutting

- Aluminum oxide grain
- General purpose
- Soft bond for **fast stock removal**

METAL Ferrous metals (iron, cast iron, etc.)

STAINLESS Low grade stainless steel

A24R - Long Life

- Aluminum oxide grain
- General purpose, **long life**

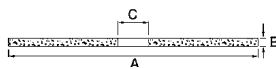
METAL Ferrous metals (iron, steel, angle iron, etc.)

A36R - Burr-Free

- Aluminum oxide grain
- A finer grit for **burr-free finish**

METAL Ferrous metals (metal tubing, etc.)

STAINLESS Stainless steel, high tensile steel



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

- Type 1 shape for square, burr-free cutting
- Maximum grain exposure to cut through large diameter solid stock
- Internal fiberglass reinforcement for maximum safety and controlled performance
- Dual external mounting area reinforcement on 14" - 24" wheels

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Cutting Wheels

Type 1 - Stationary Saw Cut-Off Wheels

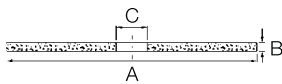
C24R - Concrete

- Silicon carbide grain
- General purpose, **long life**
- Square cutting

CONCRETE Masonry, concrete, stone, brick



ABRASIVES



Size			Max RPM	Part Number	Qty Per Box	Qty Per Ctn	Lbs Per Box
A Dia.	B Width	C Bore					
10	1/8	5/8	6,100	24003	25	50	23
10	1/8	1	6,100	24007	25	50	23
12	1/8	1	5,100	24023	10	50	14
16*	5/32	1	3,800	24073	10	20	29
18	3/16	1	3,400	24083	5	20	22

* with Pinhole

- Special grain to fiberglass ratio provides added safety and excellent cutting performance on heavy-duty stationary saws
- Cutting wheels are balanced to provide straight, even cuts for alignment and aesthetics

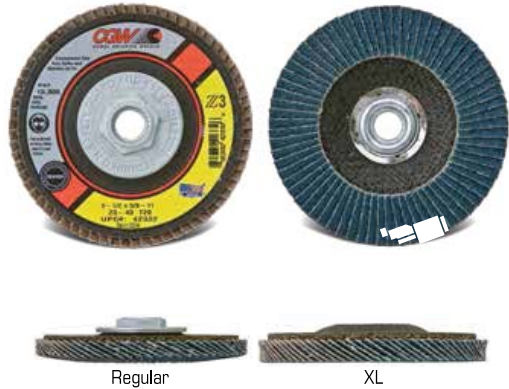
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Flap Disc

Premium Z3

Description and Applications

- Fastest grain removal in the marketplace for carbon based steels (*26% more than the competition*) and second best after CGW Z-Stainless discs on stainless steels, while offering excellent life.
- Recommended for aggressive use and heavy duty applications.
- Active grinding agent provides cool cutting with light pressure.
- Special optimized resin bond offers maximum cutting capacity, strong edge stability and long life.
- Premium Zirconia Alumina grain with a poly/cotton heat treated backing. The poly/cotton combination provides low stretch and strength for the high Zirconia concentration that Z3 contains.







Premium Z3

SIZE	GRIT	RPM	CARTON QTY	Thickness REGULAR		Thickness XL	
				T27 UPC#	T29 UPC#	T27 UPC#	T29 UPC#
4 x 5/8	24	15,300	10	42101	42120	NA	NA
4 x 5/8	36	15,300	10	42102	42121	SM	42161
4 x 5/8	40	15,300	10	42103	42122	42142	42162
4 x 5/8	60	15,300	10	42104	42124	42144	42164
4 x 5/8	80	15,300	10	42105	42125	42145	42165
4 x 5/8	120	15,300	10	42106	42126	42146	SM
4 x 3/8-24	36	15,300	10	42111	42131	SM	SM
4 x 3/8-24	40	15,300	10	42112	42132	42152	SM
4 x 3/8-24	60	15,300	10	42114	42134	42154	SM
4 x 3/8-24	80	15,300	10	42115	42135	42155	SM
4 x 3/8-24	120	15,300	10	42116	SM	42156	SM
4 1/2 x 7/8	24	13,300	10	42300	42320	SM	SM
4 1/2 x 7/8	36	13,300	10	42301	42321	42341	42361
4 1/2 x 7/8	40	13,300	10	42302	42322	42342	42362
4 1/2 x 7/8	60	13,300	10	42304	42324	42344	42364
4 1/2 x 7/8	80	13,300	10	42305	42325	42345	42365
4 1/2 x 7/8	120	13,300	10	42306	42326	42346	42366
4 1/2 x 5/8-11	24	13,300	10	42310	42330	SM	SM
4 1/2 x 5/8-11	36	13,300	10	42311	42331	42351	42371
4 1/2 x 5/8-11	40	13,300	10	42312	42332	42352	42372
4 1/2 x 5/8-11	60	13,300	10	42314	42334	42354	42374
4 1/2 x 5/8-11	80	13,300	10	42315	42335	42355	42375
4 1/2 x 5/8-11	120	13,300	10	42316	42336	42356	42376

Flap Disc

Premium Z3 Continue

ABRASIVES

Premium Z3 (cont.)				 		 	
SIZE	GRIT	RPM	CARTON QTY	Thickness REGULAR		Thickness XL	
				T27 UPC#	T29 UPC#	T27 UPC#	T29 UPC#
5 x 7/8	24	12,200	10	42500	42520	NA	NA
5 x 7/8	36	12,200	10	42501	42521	42541	42561
5 x 7/8	40	12,200	10	42502	42522	42542	42562
5 x 7/8	60	12,200	10	42504	42524	42544	42564
5 x 7/8	80	12,200	10	42505	42525	42545	42565
5 x 7/8	120	12,200	10	42506	42526	SM	42566
5 x 5/8-11	24	12,200	10	42510	SM	NA	NA
5 x 5/8-11	36	12,200	10	42511	42531	42551	42571
5 x 5/8-11	40	12,200	10	42512	42532	42552	42572
5 x 5/8-11	60	12,200	10	42514	42534	42554	42574
5 x 5/8-11	80	12,200	10	42515	42535	42555	42575
5 x 5/8-11	120	12,200	10	42516	SM	SM	SM
6 x 7/8	36	10,200	10	53001	53021	53041	53061
6 x 7/8	40	10,200	10	53002	53022	53042	53062
6 x 7/8	60	10,200	10	53004	53024	53044	53064
6 x 7/8	80	10,200	10	53005	53025	53045	53065
6 x 7/8	120	10,200	10	53006	53026	53046	53066
6 x 5/8-11	36	10,200	10	53011	53031	53051	53071
6 x 5/8-11	40	10,200	10	53012	53032	53052	53072
6 x 5/8-11	60	10,200	10	53014	53034	53054	53074
6 x 5/8-11	80	10,200	10	53015	53035	53055	53075
6 x 5/8-11	120	10,200	10	53016	53036	53056	53076
7 x 7/8	24	8,600	10	42700	42720	NA	NA
7 x 7/8	36	8,600	10	42701	42721	SM	SM
7 x 7/8	40	8,600	10	42702	42722	42742	42762
7 x 7/8	60	8,600	10	42704	42724	42744	42764
7 x 7/8	80	8,600	10	42705	42725	42745	42765
7 x 7/8	120	8,600	10	42706	42726	NA	NA
7 x 5/8-11	24	8,600	10	42710	42730	NA	NA
7 x 5/8-11	36	8,600	10	42711	42731	SM	SM
7 x 5/8-11	40	8,600	10	42712	42732	42752	42772
7 x 5/8-11	60	8,600	10	42714	42734	42754	42774
7 x 5/8-11	80	8,600	10	42715	42735	42755	42775
7 x 5/8-11	120	8,600	10	42716	42736	SM	SM

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Flap Disc

Aluminum Oxide Resin Fibre Disc

Description and Applications

- A premium quality AO disc designed for long life, high stock removal and cool cutting action on metal and welds.
- Sharp, heat-treated and blue fired AO grain electrostatically coated to a heavy duty vulcanized fibre backing with heat resistant phenolic resins. Fast, cool cutting performance.
- 7" Quick lock discs are only available with the flat resin fibre disc.
- 7" discs are available with a depressed center which increases the amount of disc that can be used and helps prevent premature curling during storage.



Aluminum Oxide Resin Fibre Discs

SIZE	SPEC.	RPM	CARTON QTY	STANDARD PROGRAM UPC#	QUICK LOCK UPC#
4 x 5/8	16 Grit	15,300	25	48000	
4 x 5/8	24 Grit	15,300	25	48001	
4 x 5/8	36 Grit	15,300	25	48002	
4 x 5/8	50 Grit	15,300	25	48004	
4 x 5/8	60 Grit	15,300	25	48005	
4 x 5/8	80 Grit	15,300	25	48006	
4 x 5/8	100 Grit	15,300	25	48007	
4 x 5/8	120 Grit	15,300	25	48008	
4 1/2 x 7/8	16 Grit	13,300	25	48010	
4 1/2 x 7/8	24 Grit	13,300	25	48011	48711
4 1/2 x 7/8	30 Grit	13,300	25	48013	
4 1/2 x 7/8	36 Grit	13,300	25	48012	48712
4 1/2 x 7/8	50 Grit	13,300	25	48014	48714
4 1/2 x 7/8	60 Grit	13,300	25	48015	48715
4 1/2 x 7/8	80 Grit	13,300	25	48016	48716
4 1/2 x 7/8	100 Grit	13,300	25	48017	
4 1/2 x 7/8	120 Grit	13,300	25	48018	
5 x 7/8	16 Grit	12,200	25	48020	
5 x 7/8	24 Grit	12,200	25	48021	48721
5 x 7/8	30 Grit	12,200	25	48023	
5 x 7/8	36 Grit	12,200	25	48022	48722
5 x 7/8	50 Grit	12,200	25	48024	48724
5 x 7/8	60 Grit	12,200	25	48025	48725
5 x 7/8	80 Grit	12,200	25	48026	48726
5 x 7/8	100 Grit	12,200	25	48027	
5 x 7/8	120 Grit	12,200	25	48028	

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Flap Disc

Aluminum Oxide Resin Fibre Disc

Aluminum Oxide Resin Fibre Discs (cont.)

SIZE	SPEC.	RPM	CARTON QTY	STANDARD PROGRAM UPC#	FLAT UPC#	QUICK LOCK UPC#
7 x 7/8	16 Grit	8,600	25	48030		
7 x 7/8	24 Grit	8,600	25	48031	48621	48731
7 x 7/8	30 Grit	8,600	25	49233		
7 x 7/8	36 Grit	8,600	25	48032	48622	48732
7 x 7/8	50 Grit	8,600	25	48034	48624	48734
7 x 7/8	60 Grit	8,600	25	48035	48625	48735
7 x 7/8	80 Grit	8,600	25	48036	48626	48736
7 x 7/8	100 Grit	8,600	25	48037		
7 x 7/8	120 Grit	8,600	25	48038		
7 x 7/8	150 Grit	8,600	25	48033		
7 x 7/8	180 Grit	8,600	25	48039		
9 x 7/8	16 Grit	6,600	25	48040		
9 x 7/8	24 Grit	6,600	25	48041		48741
9 x 7/8	36 Grit	6,600	25	48042		48742
9 x 7/8	50 Grit	6,600	25	48044		48744
9 x 7/8	60 Grit	6,600	25	48045		48745
9 x 7/8	80 Grit	6,600	25	48046		48746
9 x 7/8	100 Grit	6,600	25	48047		
9 x 7/8	120 Grit	6,600	25	48048		
9 x 7/8	150 Grit	6,600	25	48049		

ABRASIVES

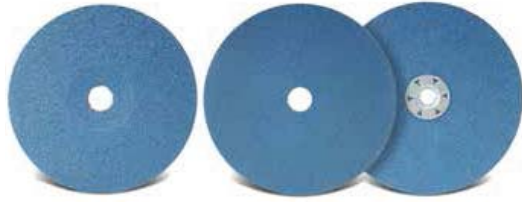
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Flap Disc

Zirconia Resin Fibre Disc

Description and Applications

- High concentration of Zirconia and heat-treated Aluminum Oxide grain provides twice the cutting action of premium AO discs and is extremely heat resistant.
- The special fracturing characteristics of the Zirconia grain provide a consistent action throughout the disc's life.
- High performance on blending welds, stainless steel, inconel, titanium and tool steel.
- 7" discs are available with a depressed center which increases the amount of disc that can be used and helps prevent premature curling during storage.



Zirconia Resin Fibre Discs

SIZE	SPEC.	RPM	CARTON QTY	STANDARD PROGRAM UPC#	7" FLAT UPC#	QUICK LOCK UPC#
4 x 5/8	16 Grit	15,300	25	48230		
4 x 5/8	24 Grit	15,300	25	48231		
4 x 5/8	36 Grit	15,300	25	48232		
4 x 5/8	50 Grit	15,300	25	48234		
4 x 5/8	60 Grit	15,300	25	48235		
4 x 5/8	80 Grit	15,300	25	48236		
4 1/2 x 7/8	16 Grit	13,300	25	48100		
4 1/2 x 7/8	24 Grit	13,300	25	48101		48801
4 1/2 x 7/8	30 Grit	13,300	25	48103		
4 1/2 x 7/8	36 Grit	13,300	25	48102		48802
4 1/2 x 7/8	50 Grit	13,300	25	48104		48804
4 1/2 x 7/8	60 Grit	13,300	25	48105		48805
4 1/2 x 7/8	80 Grit	13,300	25	48106		48806
5 x 7/8	16 Grit	12,200	25	48110		
5 x 7/8	24 Grit	12,200	25	48111		48811
5 x 7/8	30 Grit	12,200	25	48113*		
5 x 7/8	36 Grit	12,200	25	48112		48812
5 x 7/8	50 Grit	12,200	25	48114		48814
5 x 7/8	60 Grit	12,200	25	48115		48815
5 x 7/8	80 Grit	12,200	25	48116		48816
7 x 7/8	16 Grit	8,600	25	48120		
7 x 7/8	24 Grit	8,600	25	48121	48921	48821
7 x 7/8	30 Grit	8,600	25	48123*		
7 x 7/8	36 Grit	8,600	25	48122	48922	48822
7 x 7/8	50 Grit	8,600	25	48124	48924	48824
7 x 7/8	60 Grit	8,600	25	48125	48925	48825
7 x 7/8	80 Grit	8,600	25	48126	48926	48826
9 x 7/8	24 Grit	6,600	25	48141		48831
9 x 7/8	36 Grit	6,600	25	48142		48832
9 x 7/8	50 Grit	6,600	25	48144		48834
9 x 7/8	60 Grit	6,600	25	48145		48835
9 x 7/8	80 Grit	6,600	25	48146		48836

Flap Disc

Zirconia Spindles/ Silicon Carbide Resin Fibre Disc

Zirconia

50 or 100-Pack Spindles

Description and Applications

- Spindle-spool design with tightening nut provides convenient storage and keeps discs flat.

SIZE	SPEC.	RPM	CARTON QTY	STANDARD PROGRAM UPC#
4 1/2 x 7/8	24 Grit	13,300	50	48528
4 1/2 x 7/8	36 Grit	13,300	100	48529
4 1/2 x 7/8	50 Grit	13,300	100	48530
4 1/2 x 7/8	60 Grit	13,300	100	48531
4 1/2 x 7/8	80 Grit	13,300	100	48532
5 x 7/8	24 Grit	12,200	50	48533
5 x 7/8	36 Grit	12,200	100	48534
5 x 7/8	50 Grit	12,200	100	48535
5 x 7/8	60 Grit	12,200	100	48536
5 x 7/8	80 Grit	12,200	100	48537
7 x 7/8	24 Grit	8,600	50	48538
7 x 7/8	36 Grit	8,600	100	48539
7 x 7/8	50 Grit	8,600	100	48540
7 x 7/8	60 Grit	8,600	100	48541
7 x 7/8	80 Grit	8,600	100	48542
Premium spindle				36203
4 1/2 & 5" spindle only (for replacement)				48251
7" spindle only (for replacement)				48252



Spindle only available



Premium Spindle

ABRASIVES

Resin Fibre Discs Silicon Carbide

Description and Applications

- Aggressive cutting action for a clean, smooth finish. Excellent on titanium, fiberglass, plastics, and masonry products.



Silicon Carbide Resin Fibre Discs

SIZE	SPEC.	RPM	CARTON QTY	UPC#
5 x 7/8	16 Grit	12,200	25	48320
5 x 7/8	24 Grit	12,200	25	48321
5 x 7/8	36 Grit	12,200	25	48322
7 x 7/8	16 Grit	8,600	25	48330
7 x 7/8	24 Grit	8,600	25	48331
7 x 7/8	36 Grit	8,600	25	48332
7 x 7/8	50 Grit	8,600	25	48334
7 x 7/8	60 Grit	8,600	25	48335
7 x 7/8	80 Grit	8,600	25	48336
7 x 7/8	120 Grit	8,600	25	48338
7 x 7/8	150 Grit	8,600	25	48333
7 x 7/8	220 Grit	8,600	25	48350
7 x 7/8	300 Grit	8,600	25	48339
7 x 7/8	400 Grit	8,600	25	48352

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Flap Wheels

AO-Firm Flap Wheels 1/4" Shank

Description and Applications

- Firm, quality aluminum oxide coated abrasive material. The flaps, arranged like a fan around the shaft of the tool, provide for consistent cutting action, maximum performance and long life.
- Use on all ferrous and non-ferrous materials, stainless steel, iron, brass, aluminum, plastic, fiberglass, wood and glass.
- Excellent for working in small, difficult to reach places.
- CGW flap wheels have more flaps compared to leading flap wheel manufacturers.



3/4 x 3/4 x 1/4 30,000 R.P.M.

UPC#	SPEC.	CARTON QTY
37098	60	10
37099	80	10
37100	120	10
37103	180	10
37104	240	10
37105	320	10

1 x 5/8 x 1/4 30,000 R.P.M.

UPC#	SPEC.	CARTON QTY
39903	60	10
39904	80	10
39905	120	10

1 x 1 x 1/4 30,000 R.P.M.

UPC#	SPEC.	CARTON QTY
39907	40	10
39908	60	10
39909	80	10
39910	120	10
39912	180	10
39913	240	10
39914	320	10

1 1/2 x 1/2 x 1/4 25,000 R.P.M.

UPC#	SPEC.	CARTON QTY
39915	60	10
39916	80	10
39917	120	10
41032	180	10
41035	240	10
41510	320	10

1 1/2 x 1 x 1/4 25,000 R.P.M.

UPC#	SPEC.	CARTON QTY
39920	40	10
39921	60	10
39922	80	10
39923	120	10
41036	180	10
41037	240	10
41630	320	10

2 x 1/2 x 1/4 25,000 R.P.M.

UPC#	SPEC.	CARTON QTY
39924	40	10
39925	60	10
39926	80	10
39927	120	10
41038	180	10
41039	240	10
41631	320	10

2 x 3/4 x 1/4 25,000 R.P.M.

UPC#	SPEC.	CARTON QTY
39928	60	10
39929	80	10
39930	120	10
40002	150	10

2 x 1 x 1/4 25,000 R.P.M.

UPC#	SPEC.	CARTON QTY
39931	40	10
39932	60	10
39933	80	10
39934	120	10
39935	180	10
39936	240	10
39937	320	10

2 x 1 1/2 x 1/4 25,000 R.P.M.

UPC#	SPEC.	CARTON QTY
40003	40	10
40004	60	10
40005	80	10
40006	120	10

2 x 2 x 1/4 25,000 R.P.M.

UPC#	SPEC.	CARTON QTY
39938	60	10
39939	80	10

2 1/2 x 1/2 x 1/4 20,000 R.P.M.

UPC#	SPEC.	CARTON QTY
41015	60	10
41016	80	10
41017	120	10

Flap Wheels

AO-Firm 1/4" Shank/ Zirconia 1/4" Shank Flap Wheels

AO-Firm Flap Wheels: 1/4" Shank

ABRASIVES

2 1/2 x 1 x 1/4 20,000 R.P.M.

UPC#	SPEC.	CARTON QTY
39941	60	10
39942	80	10
39943	120	10
41500	180	10
41501	240	10
41511	320	10

2 1/2 x 1 1/2 x 1/4 20,000 R.P.M.

UPC#	SPEC.	CARTON QTY
41121	60	10
41122	80	10
41123	120	10

3 x 1/2 x 1/4 20,000 R.P.M.

UPC#	SPEC.	CARTON QTY
41018	60	10
41019	80	10
41020	120	10
41502	180	10
41503	240	10
41504	320	10

3 x 1 x 1/4 20,000 R.P.M.

UPC#	SPEC.	CARTON QTY
39947	40	10
39948	60	10
39949	80	10
39950	120	10
39951	180	10
39952	240	10
39953	320	10

3 x 1 1/2 x 1/4 20,000 R.P.M.

UPC#	SPEC.	CARTON QTY
41513	60	10
41514	80	10
41515	120	10
41516	180	10
41517	240	10
41518	320	10

3 x 2 x 1/4 20,000 R.P.M.

UPC#	SPEC.	CARTON QTY
41044	40	10
39954	60	10
39955	80	10
39956	120	10

Zirconia Flap Wheels: 1/4" Shank

Description and Applications

- Zirconia grain provides sharper cutting and longer life than aluminum oxide flap wheels.
- Excellent for smoothing and deburring.
- Durable cotton backing
- For work on steel, stainless steel, non-ferrous metals and alloys.



1 x 1 x 1/4 30,000 R.P.M.

UPC#	SPEC.	CARTON QTY
41519	40	10
41520	60	10
41521	80	10

1 1/2 x 1 x 1/4 25,000 R.P.M.

UPC#	SPEC.	CARTON QTY
41522	40	10
41523	60	10
41524	80	10

2 x 1 x 1/4 25,000 R.P.M.

UPC#	SPEC.	CARTON QTY
41525	40	10
41526	60	10
41527	80	10

3 x 1 x 1/4 20,000 R.P.M.

UPC#	SPEC.	CARTON QTY
41528	40	10
41529	60	10
41530	80	10

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Shop Rolls

Aluminum Oxide Shop Rolls

Description and Applications

- Premium shop roll backing is more flexible for longer working life.
- High quality friable grain.
- Material is easily torn to the length and/or shape needed.
- For multiple types of work including cleaning, deburring and polishing.



Shop Rolls - Premium Aluminum Oxide

GRIT	CARTON QTY	1" x 50 YDS.	1-1/2" x 50 YDS.	2" x 50 YDS.	MASTER PACK QTY
40	1	63092	63095	63098	10
60	1	63062	63072	63082	10
80	1	63063	63073	63083	10
100	1	63064	63074	63084	10
120	1	63065	63075	63085	10
150	1	63066	63076	63086	10
180	1	63067	63077	63087	10
220	1	63068	63078	63088	10
240	1	63069	63079	63089	10
320	1	63070	63080	63090	10
400	1	63071	63081	63091*	10
600	1	63093	63096	63099*	10

*Items in gray are discontinued and only available while supplies last.

File Belts

File & Portable Benchstand and Backstand Belts

Description and Applications

- **A3 - Aluminum Oxide:**
 - General purpose grain on X-weight backing for rapid stock removal and long life.
 - For ferrous metals, stainless steel, non ferrous metals, composites, plastics and wood.
- **Z3 - Zirconia:**
 - Premium zirconia alumina grain on X-weight backing for aggressive use and heavy duty applications.
 - For steel and stainless steel.



File Belts - Min. qty. package is nested together and wrapped in paper

GRIT	MIN QTY	STD PACKAGE	1/4 x 12		1/4 x 18		1/4 x 24	
			A3-AO	Z3-ZA	A3-AO	Z3-ZA	A3-AO	Z3-ZA
24	10	200	61000	61500	61008	61506	61016	61512
36	10	200	61001	61501	61009	61507	61017	61513
40	10	200	61002	61502	61010	61508	61018	61514
50	10	200	61003	61503	61011	61509	61019	61515
60	10	200	61004	61504	61012	61510	61020	61516
80	10	200	61005	61505	61013	61511	61021	61517
100	10	200	61006		61014		61022	
120	10	200	61007		61015		61023	

GRIT	MIN QTY	STD PACKAGE	1/2 x 12		1/2 x 18		1/2 x 24	
			A3-AO	Z3-ZA	A3-AO	Z3-ZA	A3-AO	Z3-ZA
24	10	200	61024	61518	61032	61524	61040	61530
36	10	200	61025	61519	61033	61525	61041	61531
40	10	200	61026	61520	61034	61526	61042	61532
50	10	200	61027	61521	61035	61527	61043	61533
60	10	200	61028	61522	61036	61528	61044	61534
80	10	200	61029	61523	61037	61529	61045	61535
100	10	200	61030		61038		61046	
120	10	200	61031		61039		61047	

File Belts

File & Portable Benchstand and Backstand Belts Continue

File Belts - Min. qty. package is nested together and wrapped in paper

GRIT	MIN QTY	STD PACKAGE	3/4 x 12		3/4 x 18		3/4 x 24	
			A3-A0	Z3-ZA	A3-A0	Z3-ZA	A3-A0	Z3-ZA
24	10	200	61048	61536	61056	61542	61064	61548
36	10	200	61049	61537	61057	61543	61065	61549
40	10	200	61050	61538	61058	61544	61066	61550
50	10	200	61051	61539	61059	61545	61067	61551
60	10	200	61052	61540	61060	61546	61068	61552
80	10	200	61053	61541	61061	61547	61069	61553
100	10	200	61054		61062		61070	
120	10	200	61055		61063		61071	

GRIT	MIN QTY	STD PACKAGE	1 x 12	1 x 30	
			A3-A0	A3-A0	Z3-ZA
24	10	200	61072	61080	61554
36	10	200	61073	61081	61555
40	10	200	61074	61082	61556
50	10	200	61075	61083	61557
60	10	200	61076	61084	61558
80	10	200	61077	61085	61559
100	10	200	61078	61086	
120	10	200	61079	61087	

ABRASIVES

Portable, Benchstand and Backstand Belts

GRIT	MIN QTY	STD PACKAGE	1 x 42		1 x 60		1 x 90	
			A3-A0	Z3-ZA	A3-A0	Z3-ZA	A3-A0	Z3-ZA
24	10	200	61088	61560	61100	61566	61108	61572
36	10	200	61089	61561	61101	61567	61109	61573
40	10	200	61090	61562	61102	61568	61110	61574
50	10	200	61091	61563	61103	61569	61111	61575
60	10	200	61092	61564	61104	61570	61112	61576
80	10	200	61093	61565	61105	61571	61113	61577
100	10	200	61094		61106		61114	
120	10	200	61095		61107		61115	
180	10	200	61096					
220	10	200	61097					
240	10	200	61098					
320	10	200	61099					

Min. qty. package is nested together and wrapped in paper

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File Belts

File & Portable Benchstand and Backstand Belts Continue

Portable, Benchstand and Backstand Belts

GRIT	MIN QTY	STD PKG	2 x 48		2 x 60	2 x 72	2 x 90		2 x 118		2 x 132	
			A3-A0	Z3-ZA	A3-A0	A3-A0	A3-A0	Z3-ZA	A3-A0	Z3-ZA	A3-A0	Z3-ZA
24	10	50	61116	61578	61124	61132	61140	61584	61148	61590	61156	61596
36	10	50	61117	61579	61125	61133	61141	61585	61149	61591	61157	61597
40	10	50	61118	61580	61126	61134	61142	61586	61150	61592	61158	61598
50	10	50	61119	61581	61127	61135	61143	61587	61151	61593	61159	61599
60	10	50	61120	61582	61128	61136	61144	61588	61152	61594	61160	61600
80	10	50	61121	61583	61129	61137	61145	61589	61153	61595	61161	61601
100	10	50	61122		61130	61138	61146		61154		61162	
120	10	50	61123		61131	61139	61147		61155		61163	

GRIT	MIN QTY	STD PKG	3 x 18		3 x 21	3 x 24
			A3-A0	Z3-ZA	A3-A0	A3-A0
24	10	50	61164	61608	61177	61190
36	10	50	61165	61609	61178	61191
40	10	50	61166	61610	61179	61192
50	10	50	61167	61611	61180	61193
60	10	50	61168	61612	61181	61194
80	10	50	61169	61613	61182	61195
100	10	50	61170		61183	61196
120	10	50	61171		61184	61197
150	10	50	61172		61185	61198
180	10	50	61173		61186	61199
220	10	50	61174		61187	61200
240	10	50	61175		61188	61201
320	10	50	61176		61189	61202

GRIT	MIN QTY	STD PKG	3 x 60	3 x 90		3 x 118	3 x 132	
			A3-A0	A3-A0	Z3-ZA	A3-A0	A3-A0	Z3-ZA
24	10	50	61203	61211	61602	61219	61227	61614
36	10	50	61204	61212	61603	61220	61228	61615
40	10	50	61205	61213	61604	61221	61229	61616
50	10	50	61206	61214	61605	61222	61230	61617
60	10	50	61207	61215	61606	61223	61231	61618
80	10	50	61208	61216	61607	61224	61232	61619
100	10	50	61209	61217		61225	61233	
120	10	50	61210	61218		61226	61234	

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File Belts

File & Portable Benchstand and Backstand Belts Continue

Portable, Benchstand and Backstand Belts

GRIT	MIN QTY	STD PKG	4 x 21	4 x 24	4 x 36	4 x 118		4 x 132	
			A3-A0	A3-A0	A3-A0	A3-A0	Z3-ZA	A3-A0	Z3-ZA
24	10	50	61235	61248	61261	61274	61620	61282	61626
36	10	50	61236	61249	61262	61275	61621	61283	61627
40	10	50	61237	61250	61263	61276	61622	61284	61628
50	10	50	61238	61251	61264	61277	61623	61285	61629
60	10	50	61239	61252	61265	61278	61624	61286	61630
80	10	50	61240	61253	61266	61279	61625	61287	61631
100	10	50	61241	61254	61267	61280		61288	
120	10	50	61242	61255	61268	61281		61289	
150	10	50	61243	61256	61269				
180	10	50	61244	61257	61270				
220	10	50	61245	61258	61271				
240	10	50	61246	61259	61272				
320	10	50	61247	61260	61273				

GRIT	MIN QTY	STD PKG	6 x 48		6 x 132
			A3-A0	Z3-ZA	A3-A0
24	10	50	61290	61632	61303
36	10	50	61291	61633	61304
40	10	50	61292	61634	61305
50	10	50	61293	61635	61306
60	10	50	61294	61636	61307
80	10	50	61295	61637	61308
100	10	50	61296		61309
120	10	50	61297		61310
150	10	50	61298		61185
180	10	50	61299		61186
220	10	50	61300		61187
240	10	50	61301		61188
320	10	50	61302		61189

Min. qty. package is nested together and wrapped in paper

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Non-Woven Hand Pads

Premium Surface Conditioning Hand Pads

ABRASIVES

Description and Applications

- Strong, yet flexible premium pad construction for surface preparation
- Maroon pads for rust removal, cleaning and surface preparation
- Grey pads for fine finishing and surface preparation
- Green pads for heavy duty cleaning
- White pads are constructed from a non-abrasive material for light duty cleaning
- Tan pads for rust removal and coarse finishes
- Black pads for aggressive use; heavy cleaning, deburring and finishing



6 x 9 Premium Non-Woven Hand Pads

UPC#	SPEC.	CARTON QTY
36287	Maroon – All Purpose	20
36283	Grey – Ultra Fine	20
36284	Green – General Cleaning	20
36285	White – Light Duty	20
36286	Tan – Heavy Duty	20
71151	Black – Heavy Duty	60

Bulk Shrink Wrap Packs of 10

UPC#	SPEC.	CARTON QTY
36288	Maroon – Bulk	520

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