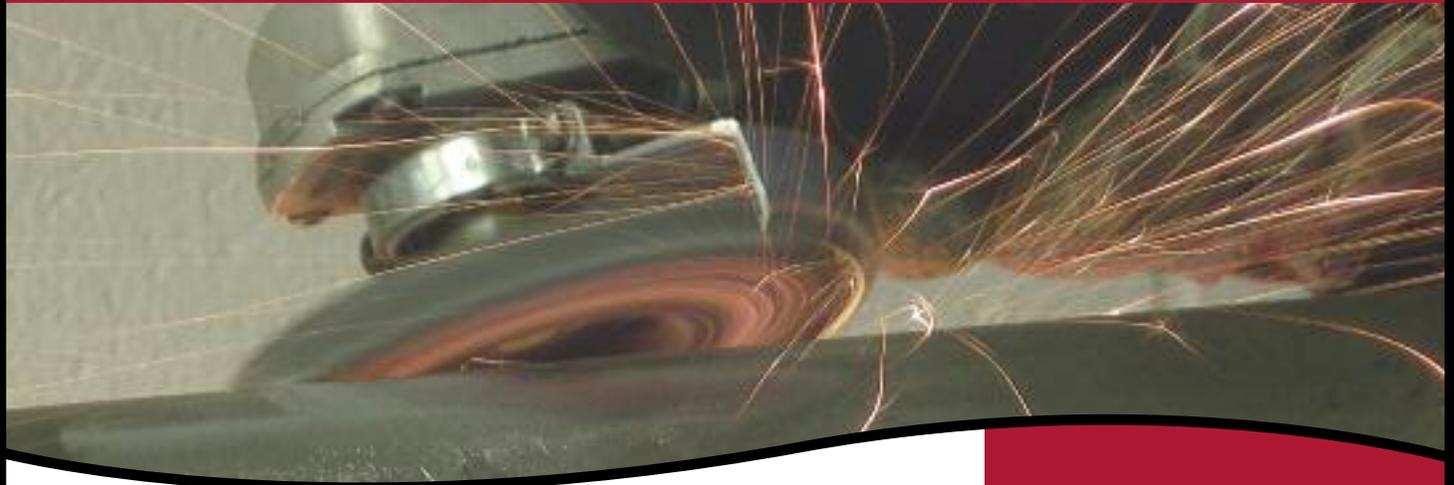




Abrasive Flap Discs



Our Full Line of Coated Abrasive Flap Discs that Grind and Finish in One Easy Step!

Flap discs do the work of both a grinding wheel and a resin fiber disc, thus eliminating the two-step finishing process. The layered abrasive flaps permit constant exposure of new grain for a uniform finish and long life.

Flap Disc Construction



Flap Disc

As the abrasive cloth flaps slowly wear down, new sharp abrasive grain is constantly exposed, producing a consistently high cut rate throughout the life of the flap disc.



Resin Fiber Disc

The cut rate of a resin fiber disc diminishes rapidly because, as the disc wears, no new abrasive grain is exposed.

Flap Disc Selection Guide

Application Requirement		Flap Disc Type
High cut rate and long life	Maximum Aggression	Original Cyclone Flap Disc - Angled (Type 29)
	Smooth Grinding	Original Cyclone Flap Disc - Flat (Type 27)
Increased conformability on contoured parts; long life; minimized gouging	Maximum Aggression	Cyclone Xtreme Flap Disc - Angled (Type 29)
	Smooth Grinding	Cyclone Xtreme Flap Disc - Flat (Type 27)
Stainless steel applications	Smooth Grinding	Cyclone for Stainless Steel - Flat (Type 27)
High flexibility Non-marking backing	Maximum Aggression	Trimable Flap Disc - Angled (Type 29)

Zirconium Grain Selection Guide

Requirement	Grain Type
Maximum material removal	Coarse Grits
Achieve desired finishes	Fine Grits

Typical Applications:

- Weld blending
- Finishing
- Grinding
- Stock removal
- Cleaning
- Edge chamfering
- Deburring
- Deflashing

Target Industries And Operations:

- Aircraft manufacturers
- Boat building and repair
- Bridge builders
- Building construction
- Construction equipment sales and repair
- Dairy equipment manufacturers
- Elevator manufacturers
- Food equipment fabrication
- Railroad car builders
- Stainless steel fabrication
- Sheet metal fabricators
- Truck and car body fabrication

Original Cyclone™ Flap Disc Product Features:

- Designed to provide a high cut rate and long life.
- Ideal for medium to high production environments.



Type 29



Type 27

TIP:

Use one grit size coarser than resin fiber discs, except 36 grit.

The Original Cyclone Flap Discs - Zirconium Abrasive Grain - Phenolic Backing

For a high cut rate and long life.

Item Number		Diameter	Arbor Hole	Grit Size	Std. Pkg.	Max. RPM
Type 29	Type 27					
43500	—	4"	5/8"	36	10	15,000
43501	—	4"	5/8"	40	10	15,000
43502	—	4"	5/8"	60	10	15,000
43503	—	4"	5/8"	80	10	15,000
43504	—	4"	5/8"	120	10	15,000
43505	—	4-1/2"	7/8"	24	10	12,000
43506	—	4-1/2"	7/8"	36	10	12,000
43507	43557	4-1/2"	7/8"	40	10	12,000
43508	43558	4-1/2"	7/8"	60	10	12,000
43509	43559	4-1/2"	7/8"	80	10	12,000
43510	43560	4-1/2"	7/8"	120	10	12,000
43511	—	4-1/2"	5/8"-11	24	10	12,000
43512	—	4-1/2"	5/8"-11	36	10	12,000
43513	43563	4-1/2"	5/8"-11	40	10	12,000
43514	43564	4-1/2"	5/8"-11	60	10	12,000
43515	43565	4-1/2"	5/8"-11	80	10	12,000
43516	—	4-1/2"	5/8"-11	120	10	12,000
43517	—	7"	7/8"	24	10	8,600
43518	—	7"	7/8"	36	10	8,600
43519	43569	7"	7/8"	40	10	8,600
43520	43570	7"	7/8"	60	10	8,600
43521	43571	7"	7/8"	80	10	8,600
43522	43572	7"	7/8"	120	10	8,600
43523	—	7"	5/8"-11	24	10	8,600
43524	—	7"	5/8"-11	36	10	8,600
43525	43575	7"	5/8"-11	40	10	8,600
43526	43576	7"	5/8"-11	60	10	8,600
43527	43577	7"	5/8"-11	80	10	8,600
43528	43578	7"	5/8"-11	120	10	8,600

Adapting Nuts & Spanner Wrench

Item Number	Description	Std. Pkg.
66426	Adapting nuts for 4" flap discs with 5/8" arbors. 3/8"-24 thread size. (Can be used with an adjustable wrench)	1 Pair
66427	Adapting nuts for 4-1/2", 5" & 7" flap discs with 7/8" arbors. 5/8"-11 thread size.	1 Pair
66425	Spanner wrench	1



Trimable Flap Disc Product Features:

- The trimmable backing allows for more flap flexibility. By trimming the backing material away, the flap length is extended. This enables the operator to access hard-to-reach areas such as right angles and irregular shapes, and grind on-edge without changing tools, increasing productivity.
- The non-marking backing will not damage the work-piece, resulting in less re-work and scrap.

Trimable Flap Discs - Zirconium Abrasive Grain - Composite Backing

Trimable backing increases flap length and flexibility for hard-to reach areas.

Non-marking backing wears away as you grind.

Item Number	Diameter	Arbor Hole	Grit Size	Std. Pkg.	Max. RPM
43650	4-1/2"	7/8"	40	10	12,000
43651	4-1/2"	7/8"	60	10	12,000
43652	4-1/2"	7/8"	80	10	12,000
43653	4-1/2"	7/8"	120	10	12,000
43654	4-1/2"	5/8"-11	40	10	12,000
43655	4-1/2"	5/8"-11	60	10	12,000
43656	4-1/2"	5/8"-11	80	10	12,000
43657	4-1/2"	5/8"-11	120	10	12,000



The Trimmable Disc's innovative design enables the operator to reduce the diameter of the backing to extend disc life.



The backing can be trimmed up to 3/8" from the original diameter, dramatically extending the life of the disc.



Type 29



CAUTION:

Abrasive users and others in the area must wear goggles or face shields over safety glasses.



Abrasive Flap Discs

Xtreme™ Flap Disc Product Features:

- 30-40% longer life than standard flap discs
- Thicker design conforms better to irregular surfaces
- Produces excellent finishes

Xtreme Flap Discs - Zirconium Abrasive Grain - High Density Phenolic Backing
 A thicker disc with larger flaps for greater conformability and the longest life.



Type 29



Type 27

Item Number		Diameter	Arbor Hole	Grit Size	Std. Pkg.	Max. RPM
Type 29	Type 27					
43535	43585	4-1/2"	7/8"	40	10	12,000
43536	43586	4-1/2"	7/8"	60	10	12,000
43537	43587	4-1/2"	7/8"	80	10	12,000
43539	43589	4-1/2"	5/8"-11	40	10	12,000
43540	43590	4-1/2"	5/8"-11	60	10	12,000
43541	43591	4-1/2"	5/8"-11	80	10	12,000
-	43593	7"	7/8"	40	10	8,600
-	43594	7"	7/8"	60	10	8,600
-	43595	7"	7/8"	80	10	8,600
-	43597	7"	5/8"-11	40	10	8,600
-	43598	7"	5/8"-11	60	10	8,600
-	43599	7"	5/8"-11	80	10	8,600

Stainless Steel Flap Disc Product Features:

- More abrasive cloth for long life
- High-density construction for smooth, flexible grinding
- Fast-cutting cloth prevents dulling and glazing of abrasive grains
- Phenolic backing prevents gouging
- Top coat prevents heat discoloration

Stainless Steel Flap Discs - High Density Phenolic Backing
 Provides cool, fast-cutting action on stainless steel and other hard-to-grind metals.



Type 27

Item Number	Diameter	Arbor Hole	Grit Size	Std. Pkg.	Max. RPM
43612	4-1/2"	7/8"	60	10	12,000
43614	4-1/2"	7/8"	80	10	12,000
43622	4-1/2"	5/8"-11	60	10	12,000
43624	4-1/2"	5/8"-11	80	10	12,000
43632	7"	7/8"	60	10	8,600
43634	7"	7/8"	80	10	8,600
43642	7"	5/8"-11	60	10	8,600
43644	7"	5/8"-11	80	10	8,600

60 grit: For maximum cut rate; 80 grit: For superior finish.

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For Application Assistance Call Us Toll-Free! 800-553-2371

