



FLAP DISCS

Get TWO Jobs Done with ONE Norton Flap Disc

Norton abrasive flap discs eliminate the conventional 2-step grinding/finishing process of depressed center wheels and fiber discs – saving you time, labor and money.

The BEST, BETTER, GOOD performance tiered offering from Norton lets you choose whether you want maximum productivity of product innovation or simply a competitive low initial cost for the job at hand.



TYPICAL APPLICATIONS

- Stock Removal
- Weld Blending
- Edge Chamfering
- Deburring/Deflashing
- Blending/Finishing



QUICK TRIM BACKING ►► SCAN TO WATCH VIDEO



FLAP DISCS AVAILABLE THROUGH GRAINGER



NORTON BLAZE R980P

BEST/HIGHEST PRODUCTIVITY FOR STAINLESS STEEL, TITANIUM, AND SUPER ALLOYS

FEATURES	BENEFITS
<ul style="list-style-type: none"> ■ Latest-generation ceramic alumina abrasive grain ■ Supersize grinding aid ■ Y-weight polyester flaps ■ Durable fiberglass back (Type 29) ■ Orange, flexible plastic backing plate on Type 27 Quick Trim 	<ul style="list-style-type: none"> ■ Last 50% – 200% longer than any flap discs on stainless steel, cobalt, chrome, Inconel, titanium and other hard-to-grind materials ■ Cool, noticeably fast cut rate ■ Significantly improve life, grain retention and fray resistance ■ High strength, lightweight, absorbs vibration ■ New industry standard for trimmability



NORTON RED HEAT R961

BEST/HIGH PRODUCTIVITY FOR MILD CARBON STEEL, AND FERROUS METALS

FEATURES	BENEFITS
<ul style="list-style-type: none"> ■ New, premium ceramic and zirconia alumina abrasive blend ■ Durable, fiberglass back (Type 29) ■ Red, flexible plastic backing plate on Type 27 Quick Trim 	<ul style="list-style-type: none"> ■ Excellent performance and efficiencies on mild carbon steel and ferrous metal/cast iron applications ■ High strength, lightweight, absorbs vibration ■ New industry standard for trimmability



NORTON BLUEFIRE R884P

BETTER CHOICE FOR MILD CARBON STEEL, AND WELD

FEATURES	BENEFITS
<ul style="list-style-type: none"> ■ High performance zirconia alumina plus abrasive ■ Polyester flaps ■ Semi-open coat ■ Durable, fiberglass back (Type 29) ■ Blue, flexible plastic backing plate on Type 27 Quick Trim 	<ul style="list-style-type: none"> ■ Aggressive cut and long life ■ Up to 30% longer life than competitive zirconia alumina products ■ Improved durability ■ Retards loading on aluminum ■ High strength, lightweight, absorbs vibration ■ New industry standard for trimmability



NORTON NEON R766

GOOD CHOICE FOR ALUMINUM, BRASS, BRONZE, STAINLESS, CARBON STEEL, AND TITANIUM

FEATURES	BENEFITS
<ul style="list-style-type: none"> ■ Alternating aluminum oxide (green) and zirconia alumina (blue) flaps ■ New resin system and Y-wt. polyester flaps ■ New grain coating ■ Durable HD fiberglass back (Type 29, Type 27 HD) ■ Green, flexible plastic backing plate on Type 27 Quick Trim 	<ul style="list-style-type: none"> ■ Ideal when purchasing criteria is a good-performing, economically-priced, general purpose disc ■ Improved base adhesion and 30%+ improvement in life over key competitors' aluminum oxide flap discs ■ Stand up on light- to moderately-demanding applications ■ Longer life and faster cut rate ■ High strength, lightweight, absorb vibration ■ New industry standard for trimmability



MERIT ZIRCONIA ALUMINA

GOOD CONSISTENT PERFORMANCE WITH LOW INITIAL PRICE

FEATURES	BENEFITS
<ul style="list-style-type: none"> ■ Durable zirconia alumina ■ Aluminum back-plate on Type 29 	<ul style="list-style-type: none"> ■ Maximum cut rate and life ■ Consistent finish ■ Extra high strength and rigid support; may be recycled



FLAP DISCS AVAILABLE THROUGH GRAINGER

TYPE 27 FLAT – THE BEST CHOICE FOR FINISHING

- Used primarily on flat surfaces
- The best choice for blending and smooth finishing



GRIND AT FLATTER ANGLES: 0° – 15°



Tier:	BEST	BEST	BETTER	GOOD	GOOD
Brand:	Norton	Norton	Norton	Norton	Norton
Trade name:	Blaze R980P	Red Heat R961	BlueFire R884P	Neon R766	Neon R766 High
Flap Density:	Standard	Standard	Standard	Standard	High
Abrasive:	Ceramic	Ceramic/Zirconia	Zirconia+	Aluminum Oxide/Zirconia	Aluminum Oxide/Zirconia
Backing plate:	Quick Trim Plastic	Quick Trim Plastic	Quick Trim Plastic	Quick Trim Plastic	Fiberglass
Other:	Supersize				

SIZE (D x H)	GRIT	MAX. RPM	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.
Type 27 Flat							
4" x 5/8"							
	40	15300		23Z544			
	60	15300		23Z545			
	80	15300		23Z546			
4-1/2" x 5/8-11"							
	36	13300		23Z459	23Z455	23Z450	23Z654
	40	13300	23Z705	23Z460	23Z456	23Z451	23Z655
	60	13300	23Z706	23Z461	23Z457	23Z452	23Z656
	80	13300	23Z707	23Z462	23Z458	23Z453	23Z657
	120	13300	23Z708	23Z463		23Z454	
4-1/2" x 7/8"							
	36	13300		23Z473	23Z469	23Z464	23Z658
	40	13300	23Z701	23Z474	23Z470	23Z465	23Z659
	60	13300	23Z702	23Z475	23Z471	23Z466	23Z660
	80	13300	23Z703	23Z476	23Z472	23Z467	23Z661
	120	13300	23Z704	23Z477		23Z468	
5" x 5/8-11"							
	36	12000		23Z487	23Z483	23Z478	23Z662
	40	12000		23Z488	23Z484	23Z479	23Z663
	60	12000		23Z489	23Z485	23Z480	23Z664
	80	12000		23Z490	23Z486	23Z481	23Z665
	120	12000		23Z491		23Z482	
5" x 7/8"							
	36	12000		23Z502	23Z497	23Z492	23Z666
	40	12000	23Z709	23Z503	23Z498	23Z493	23Z667
	60	12000	23Z710	23Z504	23Z499	23Z494	23Z668
	80	12000	23Z711	23Z505	23Z501	23Z495	23Z669
	120	12000	23Z712	23Z506		23Z496	
6" x 5/8-11"							
	40	10200		23Z518			23Z674
	60	10200		23Z519			23Z675
	80	10200		23Z520			23Z676
6" x 7/8"							
	36	10200					23Z670
	40	10200		23Z514	23Z511	23Z507	23Z671
	60	10200		23Z515	23Z512	23Z508	23Z672
	80	10200		23Z516	23Z513	23Z509	23Z673
	120	10200		23Z517		23Z510	
7" x 5/8-11"							
	36	8600		23Z530	23Z526	23Z521	23Z677
	40	8600	23Z717	23Z531	23Z527	23Z522	23Z678
	60	8600	23Z718	23Z532	23Z528	23Z523	23Z679
	80	8600	23Z719	23Z533	23Z529	23Z524	23Z680
	120	8600	23Z720	23Z534		23Z525	
7" x 7/8"							
	36	8600		23Z547	23Z540	23Z535	23Z681
	40	8600	23Z713	23Z548	23Z541	23Z536	23Z682
	60	8600	23Z714	23Z549	23Z542	23Z537	23Z683
	80	8600	23Z715	23Z550	23Z543	23Z538	23Z684
	120	8600	23Z716	23Z551		23Z539	

MERIT MINI FLAP DISCS



Tier:	BETTER	BETTER
Brand:	Merit	Merit
Abrasive:	Zirconia	Zirconia
Flap:	Cotton	Cotton
Backing Material:	X-HD Plastic	X-HD Plastic
Attachment:	TS (Type II)	TR (Type III)

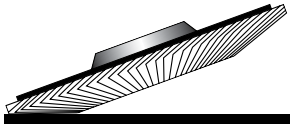
SIZE (D)	GRIT	MAX. RPM	PART NO.	PART NO.
Merit Mini Flap Discs				
2"				
	36	—	5XB67	23Z434
	40	—	5XB68	23Z435
	60	—	5XB69	23Z436
	80	—	5XB70	23Z437
	120	—	5XB71	23Z438
3"				
	36	—	5XB72	23Z439
	40	—	5XB73	23Z440
	60	—	5XB74	23Z441
	80	—	5XB75	23Z442
	120	—	5XB76	23Z443
Mini Flap Disc Back-Up Pads				
2" and 3"		30,000	5XB77	23Z444



FLAP DISCS AVAILABLE THROUGH GRAINGER

TYPE 29 CONICAL – THE BEST CHOICE FOR AGGRESSIVE STOCK REMOVAL

- Conical flap discs have angled flaps and may be used on both contoured and edge work
- The angle provides greater surface contact for stock removal on flat surfaces
- The best choice when speed and stock removal are primary considerations



GRIND AT STEEPER ANGLES: 15° – 25°



Tier:	BEST	BEST	BETTER	GOOD	GOOD
Brand:	Norton	Norton	Norton	Norton	Merit
Trade name:	Blaze R980P	Red Heat R961	BlueFire R884P	Neon R766	
Flap Density:	Standard	Standard	Standard	Standard	Standard
Abrasive:	Ceramic	Ceramic/Zirconia	Zirconia+	Aluminum Oxide/ Zirconia	Zirconia Aluminum
Backing plate:	Fiberglass	Fiberglass	Fiberglass	Fiberglass	Aluminum
Other:	Supersize				

SIZE (D x H)	GRIT	MAX. RPM	PART NO.	PART NO.	PART NO.	PART NO.	
Type 29 Conical 4" x 5/8"	36	15300			23Z446	23Z691	
	40	15300			23Z447		
	60	15300			23Z448	23Z692	
	80	15300			23Z449		
4-1/2" x 5/8-11"	36	13300	1PYE9	23Z561	23Z557	23Z552	23Z685
	40	13300	1PYF1	23Z562	23Z558	23Z553	
	60	13300	1PYF2	23Z563	23Z559	23Z554	23Z686
	80	13300	1PYF3	23Z564	23Z560	23Z555	23Z687
	120	13300		23Z565		23Z556	
4-1/2" x 7/8"	24	13300			23Z571		23Z693
	36	13300	1PYE5	23Z576	23Z572	23Z566	23Z694
	40	13300	1PYE6	23Z577	23Z573	23Z567	
	60	13300	1PYE7	23Z578	23Z574	23Z568	23Z695
	80	13300	1PYE8	23Z579	23Z575	23Z569	23Z696
	120	13300		23Z580		23Z570	
5" x 5/8-11"	36	12000		23Z590	23Z586	23Z581	
	40	12000		23Z591	23Z587	23Z582	
	60	12000		23Z592	23Z588	23Z583	
	80	12000		23Z593	23Z589	23Z584	
	120	12000		23Z594		23Z585	
5" x 7/8"	24	12000			23Z601		
	36	12000		23Z606	23Z602	23Z595	
	40	12000	23Z721	23Z607	23Z603	23Z596	
	60	12000	23Z722	23Z608	23Z604	23Z597	
	80	12000	23Z723	23Z609	23Z605	23Z598	
	120	12000	23Z724	23Z610		23Z599	
6" x 5/8-11"	40	10200				23Z622	
	60	10200				23Z623	
	80	10200				23Z624	
6" x 7/8"	24	10200			23Z614		
	36	10200			23Z615		
	40	10200		23Z619	23Z616	23Z611	
	60	10200		23Z620	23Z617	23Z612	
	80	10200		23Z621	23Z618	23Z613	
	120	10200					
7" x 5/8-11"	36	8600	1PYF8	23Z634	23Z630	23Z625	23Z688
	40	8600	1PYF9	23Z635	23Z631	23Z626	
	60	8600	1PYG1	23Z636	23Z632	23Z627	23Z689
	80	8600	1PYG2	23Z637	23Z633	23Z628	23Z690
	120	8600		23Z638		23Z629	
7" x 7/8"	24	8600			23Z644		23Z697
	36	8600	1PYF4	23Z649	23Z645	23Z639	23Z698
	40	8600	1PYF5	23Z650	23Z646	23Z640	
	60	8600	1PYF6	23Z651	23Z647	23Z641	23Z699
	80	8600	1PYF7	23Z652	23Z648	23Z642	
	120	8600		23Z653		23Z643	

For more information contact your Grainger Representative or visit Grainger.com®.

AVAILABLE THROUGH



FOR THE ONES WHO GET IT DONE