



The strongest of coated abrasive discs with resin over resin construction on heavy-duty fiber backing. Designed for applications ranging from heavy stock removal to surface blending. Used with back-up pads on portable angle grinders.

Applications: Stock removal, edge chamfering, weld blending, deburring/deflashing, rust removal, cleaning and finishing

Size Range: 4" x 5/8" hole, 4-1/2" – 9-1/8" x 7/8" and 5/8"-11 hole

Grit Range: 16 – 120

Abrasive Grain: Ceramic Alumina, Zirconia Alumina Blend, and Aluminum Oxide

Product Options: Conventional, Speed-Change hubs (5/8-11"), and AVOS technology

Accessories: Air-cooled, smooth-faced, and AVOS back-up pads

Machines Used:



MATERIAL-TO-PRODUCT RECOMMENDATION GUIDE

	BEST Highest Productivity; Lowest Total Cost	BETTER Excellent Blend of Performance & Price	GOOD Consistent Performance; Low Initial Price
Stainless Steel / Titanium / Super Alloys*	Norton Blaze F980	Norton BlueFire F826P	Norton Metal F240
Mild Carbon Steel / Welds	Norton Red Heat F981	Norton BlueFire F826P	Norton Metal F240
Ferrous Metals / Cast Iron	Norton Red Heat F981	Norton BlueFire F826P	Norton Metal F240
Brass / Bronze / Aluminum	–	–	Norton Metal F240

*Nickel/Cobalt Based – Hastelloy, Inconel, Waspalloy

APPLICATION/GRIT RECOMMENDATION GUIDE

COARSER (GRINDING)					FINER (FINISHING)				
16	24	30	36	40	50	60	80	100	120
Stock Removal									
		Edge Chamfering							
			Weld Blending						
				Deburring/Deflashing					
						Rust Removal			
							Cleaning and Finishing		

CROSS REFERENCE GUIDE

	TOTAL PERFORMANCE			INITIAL PRICE
	BEST		BETTER	GOOD
NORTON	Blaze F980	Red Heat F981	BlueFire F826P	Metal F240
3M	985C, 982C	988C, 983C	501C	281C GreenCorp
Camel	–	–	Zirconia	A/O
Flexovit	–	–	Flexon	High Perf
GemTex	–	–	ZEE	A
Hermes	CB844X	CB444X/J	RB414X/J	–
Klingspor	CS661	–	CS570, CS565	CS561
Metabo	–	–	Z/A	A
Mirka	–	–	Blue A/Z, Gold A/Z	Red A/O
Pearl	–	–	Zirconia	A/O Silver
Pferd	CO Cool	CO	Z Cool, Z	A
Sait	9S	8S	3Z, Z	A, 2At
SIA	–	4515	4815, 4819	4919
Standard	–	–	Zirconia	A/O
VSM	XF870	XF750	ZF745, ZF713, ZF714	KF708
Walter	–	–	Topcut, Inox	–
Weiler	–	–	Zirconium	A/O

The Perfect Product for Every Performance/Price Level



Norton Blaze

Latest generation ceramic alumina abrasive provides the industry's fastest cutting discs and 50-200% longer life on stainless, titanium, and super alloys.



Norton BlueFire

Durable zirconia abrasive blend for an increased cut rate and longer life over conventional zirconia products on high pressure applications.



Norton Metal

Versatile aluminum oxide abrasive provides a good starting specification, and good performance, when initial price is the primary purchasing consideration.

NORTON BLAZE F980 CERAMIC ALUMINA

BEST CHOICE FOR STAINLESS STEEL, TITANIUM, AND SUPER ALLOYS



FEATURES	BENEFITS
• Micro-fracturing ceramic alumina grain	• Constantly exposing sharper grain edges and improved grain life
• 100% ceramic alumina grain	• Significant cut rate and life over competitive blended/low-ratio ceramic alumina discs
• Self-lubricating, advanced supersize treatment	• Minimizes heat, loading and glazing on stainless, titanium and super alloys
• Strong resin bond system	• Improved grain retention for longer life
• Extra heavy-duty backing on 50 grit and coarse disc	• Increased life and durability

NORTON RED HEAT F981 AND F981S CERAMIC ALUMINA

BEST CHOICE/HIGHEST PRODUCTIVITY FOR MILD CARBON STEEL (F981), STAINLESS (F981S), AND FERROUS METALS



FEATURES	BENEFITS
• Premium, self-sharpening full-ratio ceramic abrasive grain	• Faster initial cut rate, longer life and improved finishes versus competitive ceramic discs
	• Great performance-to-price ratio
	• Excellent starting specifications when the performance of ceramic is needed
• F981: durable, long lasting	• Excellent performance on carbon steel
• F981S: supersized grinding aid	• Minimizes heat and loading on stainless and aluminum

NORTON BLUEFIRE F826P ZIRCONIA ALUMINA

BETTER CHOICE FOR STAINLESS, SUPER ALLOYS, STEEL, CAST IRON AND HIGH-PRESSURE APPLICATIONS



FEATURES	BENEFITS
• High-performance zirconia alumina abrasive blend	• 15% faster cut and longer life with less power draw than conventional zirconia discs
	• Broad utility on a wide range of materials
• Vendible 10-disc package	• Ideal for vending machines, small jobs, or carrying to a job site

NORTON METAL F240 ALUMINUM OXIDE

GOOD CHOICE FOR SMALL JOBS, APPLICATIONS WHERE PERFORMANCE IS NOT MEASURED, AND PRICE-SENSITIVE OPERATIONS



FEATURES	BENEFITS
• Multi-purpose aluminum oxide abrasive	• Consistent performance
	• Versatile; works on numerous materials
	• Lowest initial price



TIER:	BEST	BEST	BEST	BETTER	GOOD
BRAND:	Norton	Norton	Norton	Norton	Norton
TRADENAME:	BLAZE F980	RED HEAT F981	RED HEAT F981S	BLUEFIRE F826P	METAL F240
ABRASIVE:	Ceramic Alumina	Ceramic Alumina	Ceramic Alumina	Zirconia Alumina Blend	Aluminum Oxide
OTHER:	Supersize		Supersize		

SIZE (D x H)	GRIT	STD. PKG.	PART #	PART #	PART #	PART #	PART #
4 x 5/8	24	25					05539510595
	36	25					05539510594
	50	25					05539510593
	60	25					05539510592
	80	25					05539510591
4-1/2 x 7/8	24	25	69957398000	77696008400	77696008462	66261138457	66623353309
	36	25	69957398001	77696008401	77696008465	66261138456	66623353306
	36	50 V				66623377276	
	50	25	69957398002	77696008402	77696008466	66261138454	66623353310
	60	25	69957398003	77696008403	77696008467	66261138453	66623353311
	60	50 V				66623377278	
	80	25	69957398004	77696008404	77696008470	66261138452	66623353312
	80	50 V				66623377279	
	100	25		77696008405			66623353313
	120	25	66254425332	77696008406			66623353314
5 x 7/8	16	25					05539510684
	24	25	69957398005	77696008407	77696008480	66261138563	66623357276
	36	25	69957398006	77696008412	77696008481	66261138562	66623357277
	36	50 V				66623377283	
	50	25	69957398007	77696008413	77696008482	66261138561	66623357278
	60	25	69957398008	77696008414	77696008483	66261138601	66623357279
	60	50 V				66623377285	
	80	25	69957398009	77696008422	77696008484	66261138600	66623357280
	100	25		77696008423			66623357281
	120	25	66254409084	77696008425			66623357282
6 x 7/8	24	25	66261160033				
	36	25	66261160034				
	50	25	66261160035				
	60	25	66261160036				
	80	25	66261160037				
7 x 7/8	16	25					05539510693
	24	25	69957398010	77696010018	77696010006	66261138594	66623357283
	36	25	69957398011	77696008429	77696010007	66261138593	66623357284
	36	50 V				66623377287	
	50	25	69957398012	77696008430	77696010008	66261138592	66623357285
	50	50 V				66623377289	
	60	25	69957398013	77696008431	77696010009	66261138591	66623357286
	80	25	69957398014	77696008432	77696010011	66261138590	66623357287
	100	25		77696008433			66623357288
	120	25	66254411528	77696008436			66623357289
9-1/8 x 7/8	24	25	69957398015	77696008437	77696010012	66261138584	05539510702
	36	25	69957398016	77696008440	77696010013	66261138583	05539510701
	50	25	69957398017	77696008444	77696010017	66261138582	
	60	25		77696008449			05539510699
	80	25		77696008452			
	100	25		77696008453			

Note: Fiber discs must be used with back-up pads shown on the last page of this section.

V = Vendible Package. Ideal for vending machines and small jobs. 10 discs/package, 5 packages per standard carton. Order in multiples of 50.