



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

Speed-Change Fiber Discs

These fiber discs feature Norton quick, tool-free, twist-on and -off Speed-Change fasteners. Discs lock to standard back-up pads with a unique nut design and are easily removed, increasing your productivity with more time to grind.



TIER:	BEST	BEST	BETTER
BRAND:	Norton	Norton	Norton
TRADENAME:	BLAZE F980	RED HEAT F981	BLUEFIRE F826P
ABRASIVE:	Ceramic Alumina	Ceramic Alumina	Zirconia Alumina Blend
OTHER:	Supersize		

SIZE (D x H)	GRIT	STD. PKG.	PART #	PART #	PART #
4-1/2 x 5/8-11	24	25	66261023269	77696009735	
	36	25	66261185294	77696009737	
	50	25		77696009739	
	60	25	66261042247	77696009740	
	80	25	66623328529	77696009741	
	100	25		77696009746	
5 x 5/8-11	120	25		77696009747	
	24	25	66254425336	77696009748	66261138797
	36	25	66261185801	77696009749	66261138796
	50	25		77696009750	
	60	25	66261185803	77696009752	
	80	25	66623316697	77696009753	
7 x 5/8-11	100	25		77696009754	
	120	25		77696009755	
	24	25	69957349782	77696009759	66261138819
	36	25	66261029863	77696009760	66261138818
	50	25		77696009761	66261138817
	60	25	66261042249	77696009762	66261138816
	80	25	66254474373	77696009767	
	100	25		77696009771	
	120	25		77696009772	

Note: Speed Change fiber discs must always be used with smooth face back-up pads, see next page for details.

AVOS Fiber Discs

- Patented, see-through design allows interrupted cut which reduces heat up to 30% over standard discs
- The scooped holes create air flow to pull swarf away from grinding zone; cool cutting and extended product life
- 15° back-up pad for full utilization of discs – no gouging
- Quick, tool-free, twist-on and -off Speed-Lok fasteners



TIER:	BEST	BEST	BETTER
BRAND:	Norton	Norton	Norton
TRADENAME:	BLAZE F980	RED HEAT F981S	BLUEFIRE F826P
ABRASIVE:	Ceramic Alumina	Ceramic Alumina	Zirconia Alumina Blend

SIZE	GRIT	STD. PKG.	PART #	PART #	PART #
4-1/2 Speed-Lok (3 hole)	24	10	66254468389	77696008454	66261129718
	36	10	66254468390	77696008456	66261129719
	50	10	66254468391	77696008457	66261129720
	60	10	66254468392	77696008459	66261129721
	80	10	66254468393	77696008460	66261129722
5 Speed-Lok (3 hole)	24	10	66254468385	77696008471	66261126556
	36	10	66254468386	77696008474	66261126557
	50	10	66254468387	77696008475	66261126558
	60	10	66254468388	77696008477	66261126559
	80	10		77696008478	66261126560
7 Speed-Lok (6 hole)	24	10	66254468381	77696008485	66261137454
	36	10	66254468382	77696010001	66261137455
	50	10	66254468383	77696010002	66261137456
	60	10	66254468384	77696010003	66261137457
	80	10		77696010005	66261137458

Note: AVOS fiber discs must be used with AVOS Speed-Lok back-up pads, see next page for details.

