



## CATEGORY DEFINITION

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

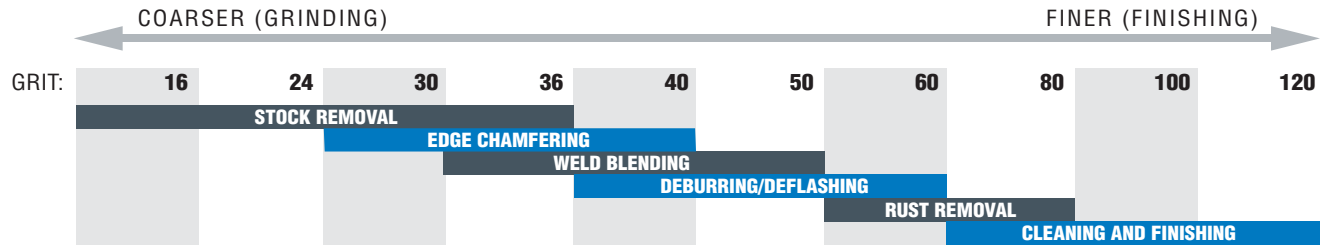
- APPLICATIONS: Stock removal, edge chamfering, weld blending, deburring/deflashing, rust removal, cleaning and finishing
- SIZE RANGE: 4" x 5/8" hole, 4-1/2" – 9-1/8" x 7/8" hole
- GRIT RANGE: 16 – 120
- ABRASIVE GRAIN: Ceramic Alumina, Zirconia Alumina, Aluminum Oxide, Silicon Carbide
- PRODUCT OPTIONS: Speed-Change hubs (5/8-11"), AVOS technology
- ACCESSORIES: Air-cooled and smooth back-up pads

## MATERIAL-TO-PRODUCT RECOMMENDATION GUIDE

	BEST HIGHEST PRODUCTIVITY LOWEST TOTAL COST	BETTER EXCELLENT BLEND OF PERFORMANCE & PRICE	GOOD CONSISTENT PERFORMANCE LOW INITIAL PRICE
<b>Stainless Steel / Titanium / Super Alloys*</b>	Norton SG Blaze F980	Norton NorZon BlueFire F826	Merit Metal A/O
<b>Mild Carbon Steel / Welds</b>	Norton SG GreenLyte F968	Norton NorZon BlueFire F826	Merit Metal A/O
<b>Ferrous Metals / Cast Iron</b>	Norton SG GreenLyte F968	Norton NorZon BlueFire F826	Merit Metal A/O
<b>Brass / Bronze / Aluminum</b>	–	Norton Metalite F220	Merit Metal A/O
<b>Paint / Glue / Stonework</b>	–	Norton FastCut Silicon Carbide	Merit Metal A/O

\*NICKEL/COBALT BASED – HASTELLOY, ICONEL, WASPALLOY

## APPLICATION/GRIT RECOMMENDATION GUIDE



## CROSS REFERENCE GUIDE

	TOTAL PERFORMANCE			INITIAL PRICE				
	BEST		BETTER		GOOD			
	SG Blaze F980	SG GreenLyte F968	NorZon BlueFire F826	Metalite F220	Metalite F226			
<b>NORTON</b>								
<b>MERIT</b>			Ceramic	Z/A		Metal		
<b>3M</b>	985C, 982C	988C, 983C	785C	501C	–	280C	381C	281C GreenCorp
<b>Camel</b>	–	–	Ceramic Blend	–	Zirconia	A/O Open	–	A/O
<b>Flexovit</b>	–	–	Flexon CG	Flexon	–	–	Specialist	High Perf
<b>GemTex</b>	–	–	X, PMD	–	ZEE	SMD	–	A
<b>Hermes</b>	CB844X	CB444X/J	–	RB414X/J	–	–	RB314X/J	
<b>Klingspor</b>	CS661	–	–	CS570	CS565	–	–	CS561
<b>Metabo</b>	–	–	–	–	Z/A	–	–	A
<b>Mirka</b>	–	–	–	Blue A/Z	Gold A/Z	–	–	Red A/O
<b>Pearl</b>	–	–	–	–	Zirconia	–	A/O Premium	A/O Silver
<b>Pferd</b>	CO Cool	CO	CO-PMD	Z Cool	Z	–	A Cool	A
<b>Sait</b>	9S	8S	–	3Z	Z	–	3A	A, 2A
<b>SIA</b>	–	4515	–	4815	4819	–	–	4919
<b>Standard</b>	–	–	Ceramic	–	Zirconia	–	A/O Extra	A/O
<b>VSM</b>	XF870	XF750	ZF844	ZF745	ZF713, ZF714	–	KF808	KF708
<b>Walter</b>	–	–	–	Topcut, Inox	–	–	Coolcut	–
<b>Weiler</b>	–	–	–	–	Zirconium	–	–	A/O



## FEATURED PRODUCTS



### NORTON SG BLAZE F980

BEST CHOICE FOR STAINLESS STEEL, TITANIUM, SUPER ALLOYS

#### FEATURES

- Patented, new generation ceramic alumina grain
- Full-ratio / 100% ceramic alumina grain
- Self-lubricating, advanced supersize treatment
- Improved resin system
- Extra heavy-duty backing 50 grit and coarser
- Foil-packed availability

#### BENEFITS

- Improved micro-fracturing for sharper grain edges and improved grain life
- Significant cut rate and life over competitive blended/low-ratio ceramic alumina disc
- Reduced heat, loading and glazing on stainless, titanium and super alloys
- Improved grain retention for longer life
- Increased life and durability
- Improved humidity and prevention against curl
- Fully recyclable for reduced landfill waste



### NORTON SG GREENLYTE F968

BEST CHOICE FOR CARBON STEEL, WELDS, FERROUS METALS, AND CAST IRON

#### FEATURES

- Premium, patented, self-sharpening full-ratio ceramic abrasive grain

#### BENEFITS

- Faster initial cut rate, longer life and improved finishes versus competitive ceramic



### NORTON NORZON BLUEFIRE F826

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

#### FEATURES

- New, improved blend of patented ceramic alumina and zirconia alumina abrasive

#### BENEFITS

- Fast, aggressive cutting
- Self-sharpens with use



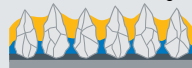
**NEW**

### METALITE F220

BETTER CHOICE FOR SOFT METALS

#### FEATURES

- High performance aluminum oxide
- Paraffin wax coating



#### BENEFITS

- Low initial price with consistent performance
- Minimizes loading without sacrificing life, while providing excellent cut
- Reduces heat at the point of contact, so disc remains free-cutting and lasts longer
- Less pressure required for optimum performance



**NEW**

### FASTCUT TYPE 27

BETTER CHOICE FOR PAINT, GLUE, ADHESIVE AND STONework

#### FEATURES

- Extra coarse 16 grit, sharp silicon carbide abrasive grain
- Engineered specifically with cooling ridges
- Type 27 flat faced, depressed center shaped, with rigid fiber backing

#### BENEFITS

- Quickly penetrates and removes any coatings (adhesives, paint, acrylics, mastics, etc.)
- Aggressively grinds concrete, marble, granite, and other stonework
- Minimize loading by creating an interrupted cut
- Remains free-cutting and lasts longer
- Ideal for demanding right angle grinding, at comfortable low angles



**NEW**

### MERIT METAL

GOOD STARTING SPEC FOR ALL METALS

#### FEATURES

- High performance aluminum oxide

#### BENEFITS

- Low initial price with consistent performance



### AVAILABILITY



TIER:	<b>BEST</b>	<b>BEST</b>	<b>BETTER</b>	<b>BETTER</b>	<b>BETTER</b>
BRAND:	Norton	Norton	Merit	Norton	Merit
TRADENAME:	<b>SG BLAZE F980</b>	<b>SG GREENLYTE F968</b>	<b>CERAMIC</b>	<b>NORZON BLUEFIRE F826</b>	<b>ZA</b>
ABRASIVE:	New Ceramic Alumina Full Ratio	Ceramic Alumina Full Ratio	Ceramic Alumina Reduced Ratio	Ceramic/Zirconia Blended Ratio	Zirconia Alumina Full Ratio
OTHER:	Supersize				

SIZE (D X H)	GRIT	STD. PKG.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.
4-1/2 x 7/8	24	25	69957398000	66261141313	66623355601	66261138457	66623353315
	30		66254425334				
	36		69957398001	66261141312	66623355602	66261138456	66623353316
	40			66261058701			
	50		69957398002	66261141311	66623355603	66261138454	66623353318
	60		69957398003	66261141310	66623355604	66261138453	66623353319
	80		69957398004	66261141309	66623365598	66261138452	66623353320
	100			66261141308			
120		66254425332	66261141307				
5 x 7/8	24	25	69957398005	66261141320	66623355597	66261138563	66623357290
		50	66254464822#				
		25	66254425333				
	36	25	69957398006	66261141319	66623355598	66261138562	66623357291
		50	66254464821#				
	40	25		66261058702			
	50	25	69957398007	66261141318	66623355599	66261138561	66623357292
		50	66254464820#				
	60	25	69957398008	66261141317	66623355600	66261138601	66623357293
	80	25	69957398009	66261141316	66623366015	66261138600	66623357294
100	25		66261141315				
120	25	66254409084	66261141314				
7 x 7/8	24	25	69957398010	66261141327	66623355578	66261138594	66623357295
		50	66254464819#				
		25	66254420653				
	36	25	69957398011	66261141326	66623355594	66261138593	66623357296
		50	66254464816#				
	40	25		66261058703			
	50	25	69957398012	66261141325	66623355595	66261138592	66623357297
		50	66254464815#				
	60	25	69957398013	66261141324	66623355596	66261138591	66623357298
	80	25	69957398014	66261141323	66623365600	66261138590	66623357299
100	25		66261141322				
120	25	66254411528	66261141321				
9-1/8 x 7/8	24	25	69957398015	66261141344	05539510782	66261138584	
	36		69957398016	66261141343	05539510749	66261138583	
	50		69957398017	66261141342	05539510748	66261138582	
	60			66261141341			
	80			66261141340			
	100			66261141339			

NOTE: FIBER DISCS MUST ALWAYS BE USED WITH BACK-UP PADS  
 # SHRINK-WRAP FOIL PACK: 10 DISCS PER PACK, 5 PACKS PER STANDARD PACKAGE

**Foil Packaging for Norton SG Blaze!**

*Controlled humidity prevents curl, 10 per pack*

**NORTON SG BLAZE**

**NorZon BlueFire F826**

*Faster and cooler cutting product with new patented abrasive blend*

**NorZon BLUEFIRE**



AVAILABILITY



TIER:	BETTER	GOOD	GOOD	GOOD
BRAND:	Norton	Norton	Norton	Merit
TRADENAME:	<b>METALITE F220</b>	<b>METLAITE F226</b>	<b>METLAITE F226</b>	<b>MERIT METAL</b>
ABRASIVE:	Aluminum Oxide	Aluminum Oxide	Aluminum Oxide	Aluminum Oxide
OTHER:	Paraffin Fill		Individual UPC Barcode	

SIZE (D X H)	GRIT	STD. PKG.	PART NO.	PART NO.	PART NO.	PART NO.
4 x 5/8	24	25		66261133434	07660704709**	05539510595
	36		66261133433	07660704710**	05539510594	
	50		66261133432	07660704711**	05539510593	
	60		66261133431		05539510592	
	80		66261133430		05539510591	
	100		66261133429			
	120		66261133428			
4-1/2 x 7/8	24	25		66261133519	07660704712**	66623353309
	36		66261133517	07660704713**	66623353306	
	50		66261133515	07660704714**	66623353310	
	60		66261133513		66623353311	
	80		66261133511		66623353312	
	100		66261133509		66623353313	
	120		66261133507		66623353314	
5 x 7/8	16	25		66261133617		05539510684
	24		66261133615	07660704706**	66623357276	
	36		66261133610	07660704707**	66623357277	
	50		66261133605	07660704708**	66623357278	
	60		66261133600		66623357279	
	80		66261133595		66623357280	
	100		66261133590		66623357281	
120	66261133585		66623357282			
7 x 7/8	16	25		66261133760		05539510693
	24		66261133755	07660704703**	66623357283	
	36		66261133750	07660704704**	66623357284	
	50		66261133745	07660704705**	66623357285	
	60		66261133740		66623357286	
	80		66261133735		66623357287	
	100		66261133730		66623357288	
120	66261133725		66623357289			
9-1/8 x 7/8	16	25		66261133890		
	24		66261133885		05539510702	
	36		66261133880		05539510701	
	50		66261133875		05539510700	
	60		66261133870		05539510699	
	80		66261133865			
	100		66261133860			
120	66261133855		05539510695			

NOTE: FIBER DISCS MUST ALWAYS BE USED WITH BACK-UP PADS

\*\* 10 PER STD. PKG.



## Norton Metalite F226 Discs

### Individual UPC Bar-Coded

- High performance aluminum oxide fiber discs at market competitive prices
- Job packs with 10 per box; ideal for walk-in displays and small contractor purchases
- All discs are UPC bar-coded and can be sold individually



## Speed-Change

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.

### AVAILABILITY

SIZE (D X H)	GRIT	STD. PKG.	PART NO.	PART NO.	PART NO.
4-1/2 x 5/8-11	24	25	66261023269		
	36				
5 x 5/8-11	24	25	66254425336	66261138797	66261137522
	36			66261138796	
	60			66261137515	
7 x 5/8-11	24	25	69957349782	66261138819	66261137625
	36			66261138818	66261137620
	50			66261138817	66261137615
	60			66261138816	
	80				66261137605
	100				66261137600
	120		66261137595		

TIER:	BEST	BETTER	GOOD
BRAND:	Norton	Norton	Norton
TRADENAME:	<b>SG BLAZE F980</b>	<b>NORZON BLUEFIRE F826</b>	<b>METLAITE F226</b>
ABRASIVE:	New Ceramic Alumina	Zirconia Alumina	Aluminum Oxide
OTHER:	Supersize		

NOTE: SPEED-CHANGE FIBER DISCS MUST ALWAYS BE USED WITH BACK-UP PADS

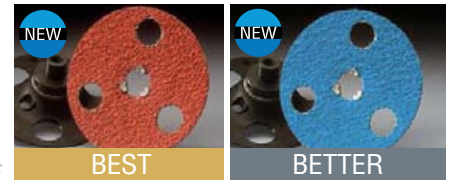


## AVOS Fiber Discs and Speed-Lok Back-up Pads

- 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
- 5° back-up pad for full utilization of discs – no gouging
- Quick, tool-free, twist-on and off Speed-Lok fasteners

### AVAILABILITY

SIZE	GRIT	STD. PKG.	PART NO.	PART NO.
4-1/2" Speed-Lok (3 hole)	24	10	66254468389	66261129718
	36		66254468390	66261129719
	50		66254468391	66261129720
	60		66254468392	66261129721
	80		66254468393	66261129722
5" Speed-Lok (3 hole)	24	10	66254468385	66261126556
	36		66254468386	66261126557
	50		66254438387	66261126558
	60		66254468388	66261126559
	80		66261126560	
7" Speed-Lok (6 hole)	24	10	66254468381	66261137454
	36		66254468382	66261137455
	50		66254468383	66261137456
	60		66254468384	66261137457
	80		66261137458	



TIER:	BEST	BETTER
BRAND:	Norton	Norton
TRADENAME:	<b>SG BLAZE F980</b>	<b>NORZON BLUEFIRE F826</b>
ABRASIVE:	New Ceramic Alumina	Zirconia Alumina

SIZE	RPM	STD. PKG.	PART NO.
<b>AVOS Triangular Speed-Lok Back-up Pads</b>			
4-1/2" x 5/8-11	13,000	5	63642502985
5" x 3/8-24 Pistol Grip*	20,000	5	63642503029
5" x 5/8-11	13,000	5	63642502517
5" x 7/16-20 Pistol Grip*	20,000	5	63642503030
<b>AVOS Round Speed-Lok Back-up Pads</b>			
7" x 5/8-11 Hard	8,600	5	63642504873
7" x 5/8-11 Medium	8,600	5	63642504874

\* USE ON AIR PNEUMATIC AND HIGH-SPEED PISTOL GRIP SANDERS

NOTE: MUST BE USED WITH AVOS SPEED-LOK BACK-UP PADS



Slotted hub design and curved ribs draw heat away from the grinding zone, reducing disc loading and increasing life. All pads have a 5/8"-11 threaded female hub for mounting. We also offer a no-nose for shorter-shafted right angle grinders.



Molded rubber back-up pads provide smooth face.

- Hard density pads are for aggressive cutting action
- Medium density pads are for all-purpose applications
- Soft density pads are used for contours and fine finishing work

DESCRIPTION	MAX. RPM	STD. PKG.	PART NO.
<b>RUBBER BACK-UP PADS</b>			
<b>AIR COOLED STANDARD</b>			
4" Medium	12,000	5	63642504918
4-1/2" Medium	11,000	5	63642502122
5" Medium	10,000	5	63642543421
7" Hard	8,600	5	63642543425
7" Medium	8,600	5	63642543422
9" Hard	6,600	5	63642543426
9" Medium	6,600	5	63642543423

NOTE: RETAINER NUTS ARE NOT INCLUDED WITH BACK-UP PADS. THESE MUST BE ORDERED SEPARATELY.

DESCRIPTION	MAX. RPM	STD. PKG.	PART NO.
<b>AIR COOLED NO-NOSE</b>			
4-1/2" Medium	11,000	5	63642504872
5" Medium	10,000	5	63642503000
7" Medium	8,600	5	66254487375
<b>SMOOTH FACE</b>			
5" Medium	12,000	5	63642543235
7" Hard	8,600	5	63642543240
7" Medium	8,600	5	63642543245
7" Soft	8,600	5	63642543250
9" Medium	7,000	5	63642543270

<b>TOOLS</b>			
#103 Retainer Nut	—	10	63642543463
Spanner Wrench	—	5	63642543005
66NS Short Retainer Nut	—	10	63642543461



### FastCut Fiber Discs

Type 27 (flat-faced), semi-rigid fiber-backed discs with extra sharp, 16 grit silicon carbide abrasive, are engineered specifically with cooling ridges for an interrupted cut to efficiently grind softer materials (marble, granite, concrete, etc.) where loading is a problem.

Cooling ridges minimize loading to remain free-cutting and last longer.

#### AVAILABILITY

SIZE (D X H)	GRIT	STD. PKG.	PART NO.
4-1/2 x 7/8	16	25	66261199054
7 x 7/8	16	25	66261199052

NOTE: FASTCUT DISCS MUST BE USED WITH BACK-UP PADS

<b>BETTER</b>	
TIER:	Norton
BRAND:	<b>FASTCUT TYPE 27</b>
ABRASIVE:	Silicon Carbide
OTHER:	Semi-Rigid