

FIBRE DISCS AND ACCESSORIES



RIGHT ANGLE GRINDER

The industry's most complete fibre disc offering: from premium performance Norton SG to the new generation of NorZon Plus to long lasting aluminum oxide. Norton fibre discs feature a full resin bond system with heavy duty fibre backing for increased strength, durability and tear resistance. Available with plain center hole or with Speed-Lok mechanical locking device.

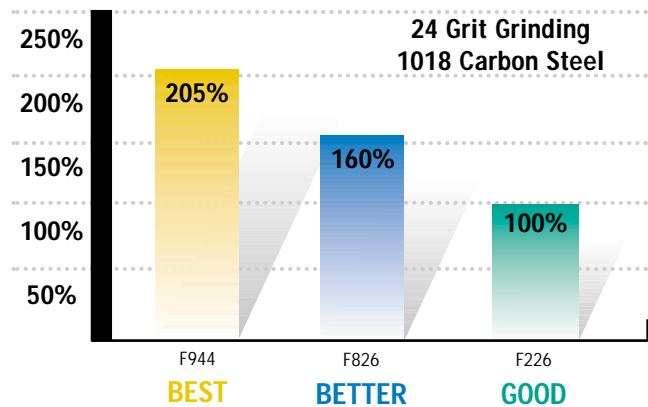


TYPICAL APPLICATIONS

- Weld grinding and blending
- Heavy metal removal
- Light deburring and finishing

BEST	Norton SG F941 and Norton SG F944 – The choice for heavy stock removal
FEATURES	BENEFITS
<ul style="list-style-type: none"> • Patented Norton SG ceramic aluminum oxide • F941 – Supersized (grinding aid enhanced) • F944 – Heavy fibre backing 	<ul style="list-style-type: none"> • Exceptional life and value • Provides superior life on stainless steel, bronze and aluminum • Reduced edge wear for aggressive applications • Highest productivity on hard to grind alloys
BETTER	NorZon Plus F826 – Champion on stainless and alloy, and high pressure
FEATURES	BENEFITS
<ul style="list-style-type: none"> • Premium self-sharpening zirconia aluminum abrasive • Advanced resin bond technology with enhanced grain adhesion 	<ul style="list-style-type: none"> • Fast, aggressive cut • Extended life over original NorZon products
GOOD	Gemini Metalite F226 – Versatile performance for all MRO applications
FEATURES	BENEFITS
<ul style="list-style-type: none"> • Tough, durable aluminum oxide abrasive 	<ul style="list-style-type: none"> • Fast initial cut

Relative Metal Removal Chart



FIBRE DISCS AND ACCESSORIES

SPEED-LOK FIBRE DISCS

Norton Speed-Lok Fibre Discs

FEATURES

- Speed-Lok fastener
- Twist on and twist off in 2-1/2 turns

BENEFITS

- Quick, tool-free disc changes allow for more grinding time
- Disc locks securely to back-up pad, but is easily removed

SIZE	GRIT	MIN./ STD. PKG.	BEST	BETTER	GOOD
			NORTON SG F944 BOXED UPC NO.	NORZON PLUS F826 BOXED UPC NO.	GEMINI METALITE F226 BOXED UPC NO.
SPEED-LOK FIBRE DISCS					
5 X 7/8 SPEED-LOK	24	25/100	66261138754	66261138797	66261137522
	36			66261138796	
	50			66261138793	
	60				
	80				
7 X 7/8 SPEED-LOK	16	25/100	66261138761	66261138819	66261137630
	24			66261138818	66261137625
	36			66261138817	66261137620
	50			66261138816	66261137615
	60			66261138815	66261137610
	80				66261137605
	100				66261137600
	120				66261137595

Refer to the “AVOS Products” and “Speed-Lok TS and TR Discs” sections for additional fibre discs.

SPEED-LOK BACK-UP PADS

- Designed for use with 5" and 7" Speed-Lok discs
- Molded rubber back-up pads provide quick-change convenience
- 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.	UPC NO.
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
66NS SHORT RETAINER NUT	—	10	63642543461

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SpecCheck



STARTING RECOMMENDATIONS BY MATERIAL

MATERIAL	HEAVY DUTY BEST PERFORMANCE	GENERAL DUTY INITIAL VALUE
Carbon Steel	Norton SG F944	NorZon Plus F826
Stainless Steel/ Alloys	Norton SG F941/ NorZon Plus F826	Metalite F226
Cast Iron	Norton SG F944	NorZon Plus F826
Brass/Bronze	NorZon Plus F826	Metalite F226
Aluminum	Norton SG F941	NorZon Plus F826
Fiberglass	Norton SG F944	NorZon Plus F826
Paint Removal and Clean-up	NorZon Plus F826	Metalite F226

RECOMMENDED GRIT SELECTION

ROUGH/HEAVY DUTY	INTERMEDIATE	FINISHING
16-50	50-80	80-120

FIBRE DISCS AND ACCESSORIES

FIBRE DISCS

SIZE	GRIT	MIN./STD. PKG. *	BEST				BETTER		GOOD		
			NORTON SG F941 BOXED	NORTON SG F944 BOXED	NORTON SG F944 BULK	NORTON SG F944 BALED	NORZON PLUS F826 BOXED	NORZON PLUS F826 BULK	GEMINI METALITE F226 BOXED	GEMINI METALITE F226 BULK	
UPC NO. (PREFIX 662611)											
4 X 5/8 SLOTTED	24	100/200								33434	
	36									33433	
	50									33432	
	60									33431	
	80					39172					33430
	100										33429
	120										33428
4-1/2 X 7/8 SLOTTED	24	25/100	23626	39183			38457			33519	
	36		23627	39182			38456			33517	
	50		23408	39181			38454			33515	
	60		23668	39180			38453			33513	
	80		23409	39179			38452			33511	
	100										33509
	120										33507
5 X 7/8	16	25/100								33617	
	24		23294	39155			38563	38558		33615	
	36		18501	39154			38562	38598		33610	
	50		18927	39153			38561	38596		33605	
	60		23667	39152			38601	38555		33600	
	80		23293	39151			38600	38554		33595	
	100										33590
120									33585		
7 X 7/8	16	25/100								33760	
	24									33755	
	36		18928	39162	39141	36101	38594	38570		33750	
	50		17184	39161	38914	36102	38593	38569		33750	
	60		23905	39160	38916	36103	38592	38568		33745	
	80		18931	39159	39140	36104	38591	38567		33740	
	100		17186	39158	39139	36105	38590	38566		33735	
120									33730		
9-1/8 X 7/8	16	25/100								33890	
	24									33885	
	36		23628	39169	39148		38584	38579		33885	
	50		19580	39168			38583	38578		33880	
	60		19542	39167			38582			33875	
	80		23669	39166			38581			33870	
	100		23629	39165				38575		33865	
120									33860		
										33855	

*BULK AND BALED ITEMS ARE NOT AVAILABLE IN MINIMUM PACKAGE QUANTITIES

Refer to the "AVOS Products" and "Speed-Lok TS and TR Discs" sections for additional fibre discs.

NEW BALING SYSTEM FOR F944 7 X 7/8 DISCS

- Places 100 discs on a spindle between two plates
- Locks down with a pinch screw
- Maintains the shape of the discs by minimizing curl
- User-friendly and reusable



FIBRE DISCS AND ACCESSORIES

AIR-COOLED RUBBER BACK-UP PADS

- Designed for medium to heavy grinding applications.
- Slotted aluminum hub design draws cool air behind the disc.
- Curved ribs on the rubber face force heat away from the disc and back-up pad.
- Cooler cutting action reduces disc loading and increases grinding life.
- All pads have a 5/8"-11 threaded female hub for mounting.
- Medium pads offer greater flexibility; firm pads provide more aggressive cut.
- Use with Norton discs to maximize cut and life.



DESCRIPTION	MAX. RPM	STD. PKG.	UPC NO.
4-1/2" MEDIUM	11,000	5	63642502122
5" MEDIUM	10,000	5	63642543421
7" FIRM	8,600	5	63642543425
7" MEDIUM	7,000	5	63642543422
9" FIRM	6,600	5	63642543426
9" MEDIUM	6,600	5	63642543423
#103 RETAINER NUT	—	10	63642543463
#834 RETAINER NUT SPANNER WRENCH	—	5	63642543005
66NS SHORT RETAINER NUT	—	10	63642543461

RESIN FIBRE BACK-UP PAD BASE AND PLATE SYSTEM

This system features a 5/8"-11 threaded base plate that four color-coded variable density quick-change plates attach to. The design of this system features a unique locking thread to hold the plates to the base. They can be used with either Speed-Lok discs or a standard pad nut.



- Orange (soft) is used for finishing, radius and severe contour grinding operations.
- Blue (medium-soft) is for contour operations that require moderate flexibility.
- Grey (medium-firm) provides normal flexibility for general purpose grinding and finishing operations.
- Black (firm) is for heavy metal removal such as large welds and blending metal mismatches.
- Ribbed grey (medium-firm) or black (firm) should be used for heavy stock removal and severe dressing applications.

DESCRIPTION	MAX. RPM	STD. PKG.	UPC NO.
7" X 5/8-11 FIBRE BACKUP PAD HUB	8,600	5	63642503092
7" PLATE ORANGE SOFT	8,600	5	63642503093
7" PLATE BLUE MEDIUM SOFT	8,600	5	63642503094
7" PLATE GREY MEDIUM FIRM	8,600	5	63642503095
7" PLATE BLACK FIRM	8,600	5	63642503096
7" RIBBED PLATE GREY MEDIUM FIRM	8,600	5	63642503097
7" RIBBED PLATE BLACK FIRM	8,600	5	63642503098
RETAINER NUT 5/8-11 THREAD		10	63642503099
RETAINER NUT SPANNER WRENCH		1	63642503144

Refer to the "AVOS Products" and "Speed-Lok TS and TR Discs" sections for additional fibre discs.