

NORTON RAZORSTAR™
SAINT-GOBAIN

AHB
TOOLING & MACHINERY

COMPLETE METALWORKING SOLUTIONS
(800) 991-4225 www.ahbinc.com
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Transforming
surfaces
...and beyond

SHARPER THAN EVER

— FEATURING

Engineered Shaped Ceramic Grain

Take your right-angle grinding to a new level with Norton RazorStar fiber and quick-change discs featuring engineered shaped ceramic grain technology for the best cutting performance in the industry. Designed for medium to high-pressure metal removal in the toughest grinding applications, Norton RazorStar discs feature 100% ceramic engineered shaped grain which cuts through metal with unbeatable performance. Norton RazorStar discs are setting a new standard in grinding productivity, speed and life.

KEY MARKETS

MRO | METAL FABRICATION | WELDING | OIL & GAS | ENERGY | SHIP BUILDING

KEY APPLICATIONS

WELD REMOVAL | GRINDING | BEVELING | HEAVY DEBURRING

MATERIALS

CARBON STEEL | STAINLESS STEEL |
ALUMINUM | HARD-TO-GRIND METALS

www.nortonabrasives.com


SAINT-GOBAIN

HOW IS NORTON RAZORSTAR UNIQUE?

- Norton RazorStar discs with engineered shaped ceramic grain are a breakthrough technology specifically designed to deliver unbeatable grinding performance versus all other ceramic discs on the market today
- The unique combination of razor-sharp grains with a supersized grinding aid helps to significantly reduce heat generation for cooler cuts and longer life on all materials
- A single disc design has been optimized for superior performance on all materials including carbon steel, aluminum, stainless-steel and hard-to-grind metals

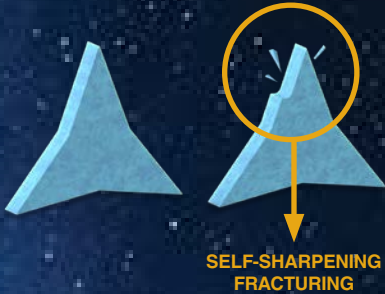


Razor Sharp Tips

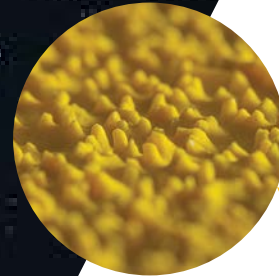
ENGINEERED SHAPED CERAMIC GRAIN

The engineered shaped grain in Norton RazorStar discs features a consistent shape from grain to grain along with razor-sharp cutting points. The unique patented geometry and tough micro-structure enable the grain to stay sharp, as new cutting points are exposed when the grain fractures. RazorStar discs also features a very high concentration of grains oriented in an upright position, so they are ready to cut and perform at their sharpest.

Razorstar Grain Remains Sharp Throughout The Discs Life



Competitor Grain Fractures To A Blunt Edge



More Upright Grain



HIGHER CUT RATE

Engineered shaped grain cuts faster and removes more material



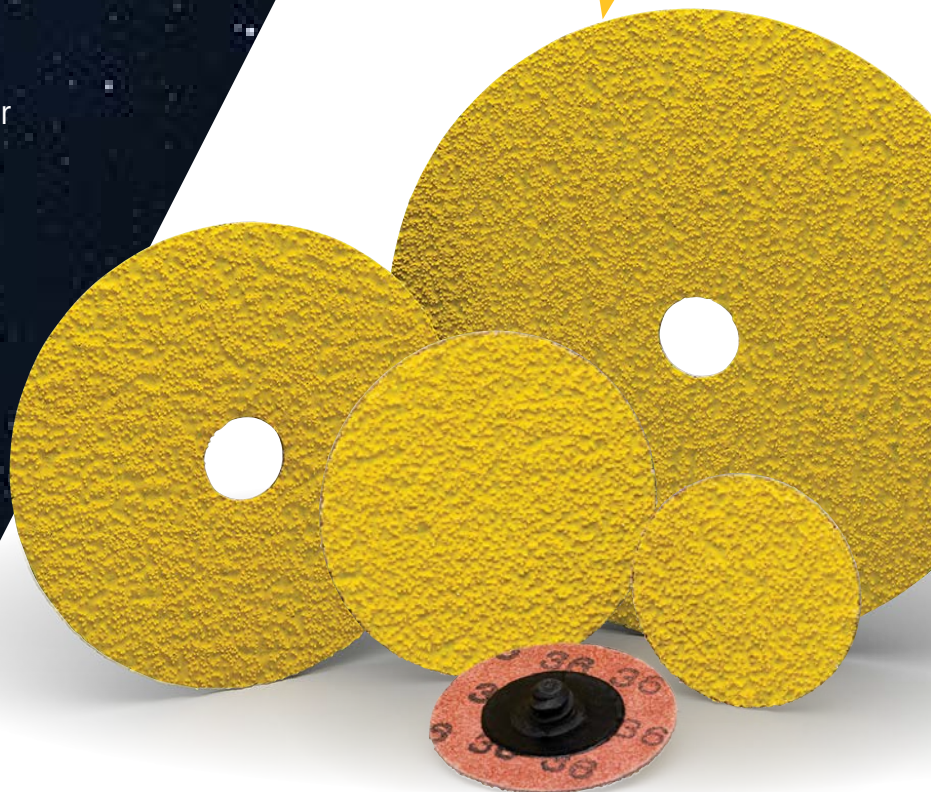
LONGER LIFE

Unique patent protected geometry enables the grain to stay sharp, allowing for unparalleled disc-life



COOLER CUT

Design helps to significantly reduce heat generation and maintain cooler grinding



AVAILABILITY

Fiber Discs

SIZE	GRIT	PKG QTY.	PART #
Norton RazorStar F990S Fiber Discs			
4-1/2" x 7/8"	36 +	25	662544 27990
5" x 7/8"	36 +	25	662544 27991
6" x 7/8"	36 +	25	662544 38198
7" x 7/8"	36 +	25	662544 27992
9-1/8" x 7/8"	36 +	25	662544 27993

Speed-Change Fiber Discs

SIZE	GRIT	PKG QTY.	PART #
Norton RazorStar F990S Speed-Change Fiber Discs			
4-1/2" x 5/8"-11	36 +	25	662544 30117
5" x 5/8"-11	36 +	25	662544 30118
7" x 5/8"-11	36 +	25	662544 30119

AVOS Discs

SIZE	GRIT	PKG QTY.	PART #
Norton RazorStar F990S AVOS Speed-Lok Fiber Discs			
4-1/2" - 3 Hole	36 +	25	662544 39930
5" - 3 Hole	36 +	25	662544 39931
7" - 6 Hole	36 +	25	662544 39932

Quick-Change Discs

SIZE	TYPE	PLY	GRIT	PKG QTY.	PART #
Norton RazorStar R990S Cloth Quick-Change Discs					
2"	TR (Type III)	3	36 +	25	662544 27834
2"	TS (Type II)	3	36 +	25	662544 27835
2"	TS (Type II)	2	36 +	25	662544 27847
2"	TR (Type III)	2	36 +	25	662544 27846
3"	TR (Type III)	3	36 +	25	662544 27832
3"	TS (Type II)	3	36 +	25	662544 27833
3"	TS (Type II)	2	36 +	25	662544 27845
3"	TR (Type III)	2	36 +	25	662544 27848
Norton RazorStar F990S Fiber Quick-Change Discs					
2"	TR (Type III)		36 +	25	662544 39590
3"	TR (Type III)		36 +	25	662544 39591

Accessories

DESCRIPTION	MAX. RPM	STD. PKG.	PART #
Rubber Air-Cooled Standard Back-up Pads			
4-1/2" Medium	11,000	5	636425 02122
5" Medium	10,000	5	636425 43421
7" Medium	8,600	5	636425 43422
Rubber Air-Cooled No-Nose Back-up Pads			
4-1/2" Medium	11,000	5	636425 04872
5" Medium	10,000	5	636425 03000
7" Medium	8,600	5	662544 87375 NS
Rubber Smooth Face / Speed-Change Back-up Pads			
4-1/2" Medium	20,000	5	662544 92277
5" Medium	12,000	5	636425 43235
7" Medium	8,600	5	636425 43245
AVOS Triangular Speed-Lok / AVOS Back-up Pads			
4-1/2" x 5/8"-11	13,000	5	636425 02985
5" x 5/8"-11	13,000	5	636425 02517
AVOS Round Speed-Lok / AVOS Back-up Pads			
7" x 5/8"-11 Hard	8,600	5	636425 04873
TS Type II / Quick-Change Back-up Pads			
2" Hard	30,000	1	088341 64624
2" Medium	30,000	1	088341 64198
3" Hard	20,000	1	088341 61626
3" Medium	20,000	1	088341 64113
TR Type III / Quick-Change Back-up Pads			
2" Hard	30,000	1	088341 64643
2" Medium	30,000	1	088341 64922
3" Hard	20,000	1	088341 64036
3" Medium	20,000	1	088341 64949

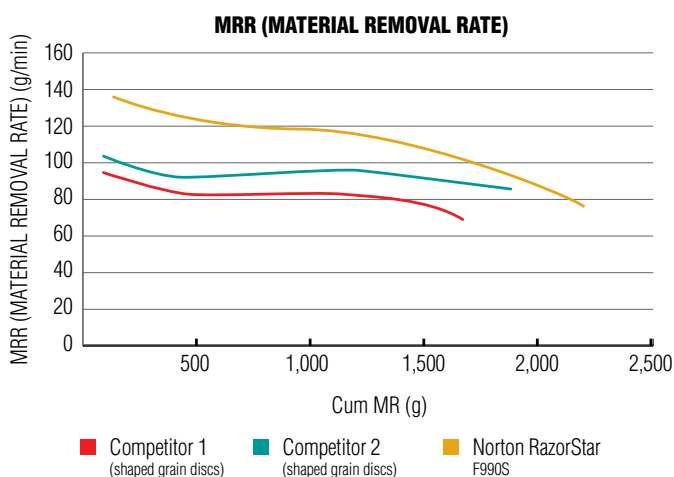
Note: Retainer nuts are not included with back-up pads. These must be ordered separately.

NS - Non-stock

DESCRIPTION	STD. PKG.	PART #
Tools		
#103 Retainer Nut	10	636425 43463
Spanner Wrench	5	636425 43005
66NS Short Retainer Nut	10	636425 43461

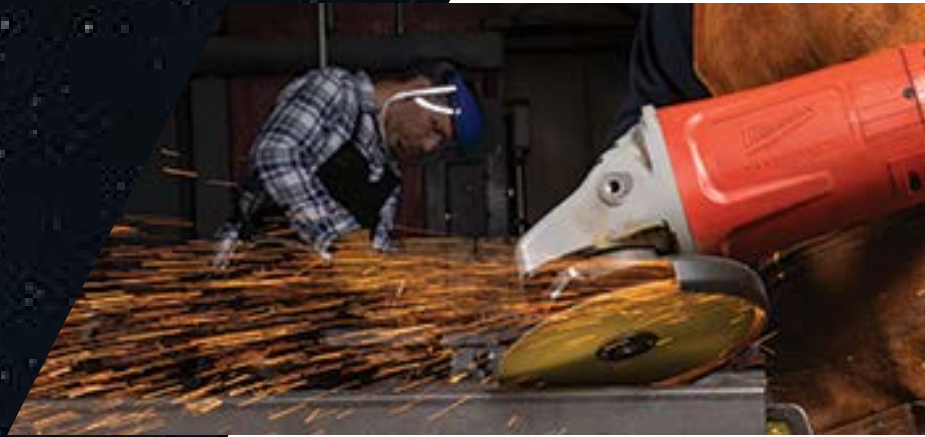
UNBEATABLE GRINDING PERFORMANCE

Taking Sharp to a Whole New Level



PERFORMANCE MATTERS

Norton RazorStar Discs are Sharper Than Ever



CASE STUDIES

APPLICATION: Weld Grinding on Large Tactical Vehicles

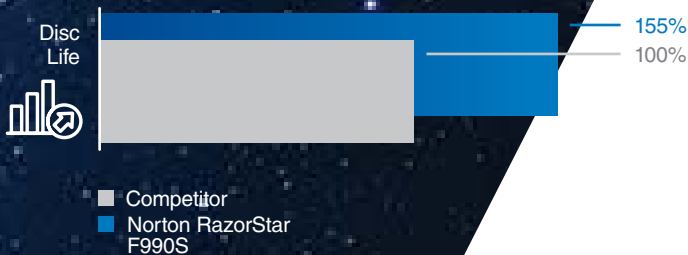
MATERIAL: Carbon Steel

COMPETITIVE DISC: 7" Fiber disc, 36+ grit

NORTON PRODUCT: 7" F990S 36+ grit

RESULTS: The Norton RazorStar disc outperformed the competitive disc in material removal and product life. The Norton RazorStar disc had a faster cut rate and left a smoother finish after grinding.

55% Longer Disc Life



APPLICATION: Weld Grinding for Railing Fabrication

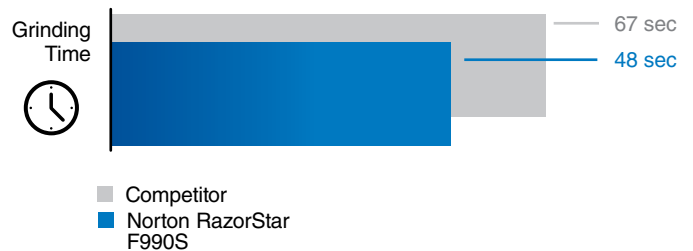
MATERIAL: Carbon Steel Pipes

COMPETITIVE DISC: 4-1/2" Fiber disc, 36+ grit, Hard back-up pad

NORTON PRODUCT: 4-1/2" F990S 36+ grit, Medium back-up pad

RESULTS: The Norton RazorStar disc performed faster when blending a weld on a pipe used for railing fabrication. Using a Norton RazorStar disc the operator was able to grind the same size section 28% faster.

28% Faster



FOR UNBEATABLE GRINDING RESULTS
Contact your local Norton representative and put Norton RazorStar discs to the test today



Scan to learn more

nortonsga.us/RazorStarDiscs



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