

NORTON

SAINT-GOBAIN

EZChoice

EFFECTIVE 2014



ABRASIVE MRO STOCK PRODUCTS
FOR **WESTERN CANADA**



**RIGHT PRICE ✓
RIGHT QUANTITY ✓
RIGHT AWAY ✓**

250+ STOCK ITEMS

TM

NORTON

SAINT-GOBAIN®

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THIN WHEELS



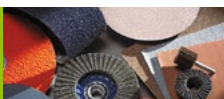
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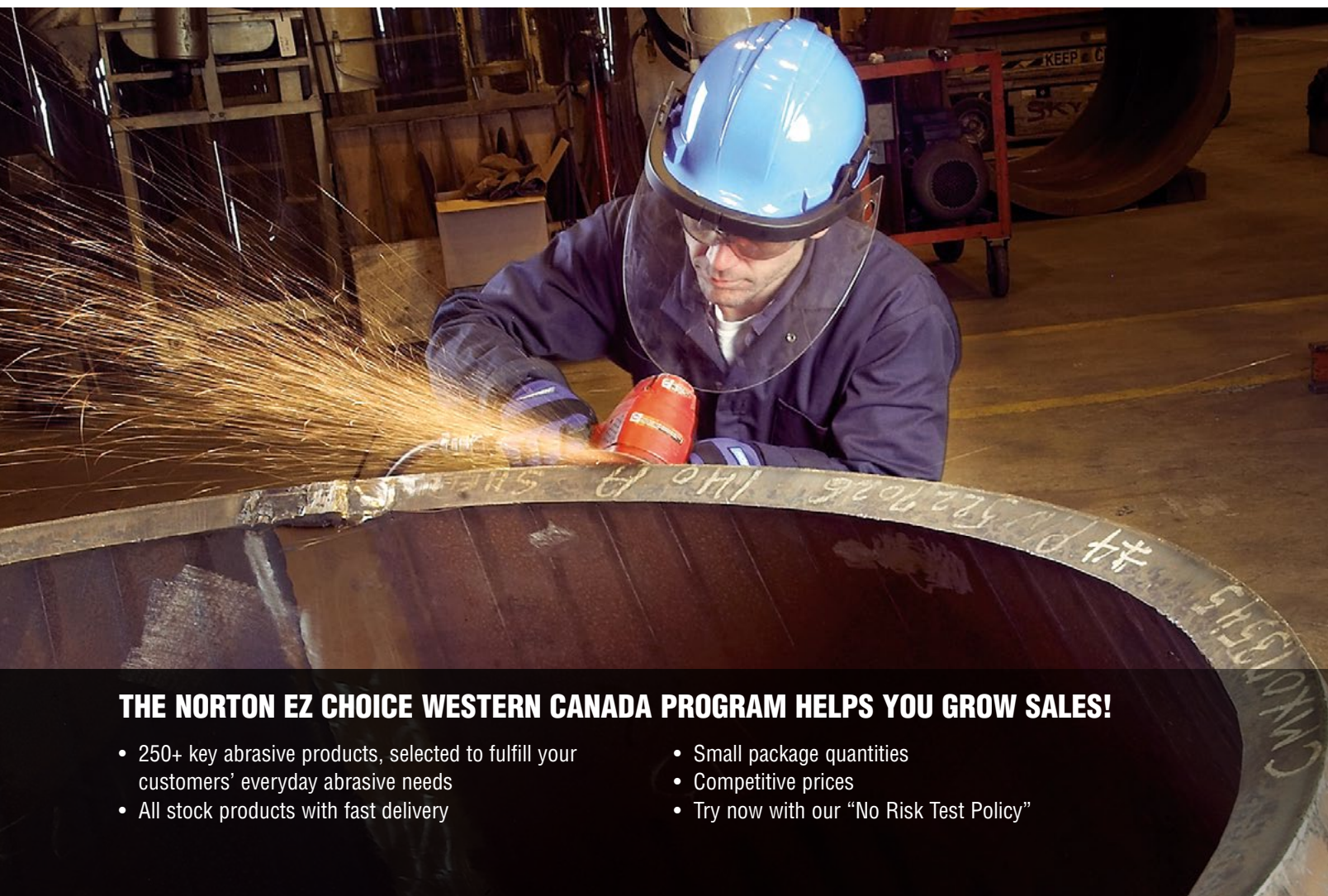
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THE NORTON EZ CHOICE WESTERN CANADA PROGRAM HELPS YOU GROW SALES!

- 250+ key abrasive products, selected to fulfill your customers' everyday abrasive needs
- All stock products with fast delivery
- Small package quantities
- Competitive prices
- Try now with our "No Risk Test Policy"

NORTON PRODUCT TIERING KEY

BEST

Highest Productivity – Lowest Total Cost

BETTER

Excellent Blend of Performance and Price

GOOD

Consistent Performance – Low Initial Price



The Norton RightCut cut-off wheel line consists of Type 01/41 straight cut-off wheels from 4-1/2" to 7" diameters. These wheels come in ultra thin width for quick burn-free and burr-free cutting. All are reinforced for the demanding nature of portable cut-off for cutting sheet metal, cutting pipe, and metal plate dimensioning (metal fabrication).

Norton RightCut Reinforced Cut-off Wheels – for Right Angle Grinder Cutting



NORTON BLUEFIRE RIGHTCUT REINFORCED CUT-OFF

BETTER CHOICE FOR STAINLESS STEEL, CARBON STEEL, ALLOYS AND GRAY IRON

FEATURES

- A blend of R&D advanced chemistry and shape zirconia alumina abrasive with premium aluminum oxide grain

BENEFITS

- 2-3 times the life of aluminum oxide wheels
- Broad utility from light-to heavy-pressure applications
- Excellent performance-to-price ratio for lower total grinding costs



NORTON GEMINI RIGHTCUT REINFORCED CUT-OFF

GOOD CHOICE FOR ALL PURPOSE, COMPETITIVELY-PRICED WHEEL

FEATURES

- Advanced formulation
- Gemini contaminant-free **INOX**

BENEFITS

- Maximizes the performance of conventional aluminum oxide abrasive
- Contains <0.1% iron, sulfur, or chlorine for rust-free and corrosion-free results; will not contaminate stainless steel



NORTON RIGHTCUT EVO REINFORCED CUT-OFF

GOOD CHOICE WHEN A HARDER-ACTING WHEEL IS REQUIRED FOR A STIFFER CUT

FEATURES

- Quality aluminum oxide abrasive
- Unique reinforcement design

BENEFITS

- Competitive initial price
- Provides safety, strength, and straight cuts

TIER:

TRADENAME:

SHAPE:

ABRASIVE:

MATERIAL:



BETTER

NORTON BLUEFIRE
RIGHTCUT

Type 01/41

Zirconia Alumina/
Aluminum Oxide

STAINLESS

STEEL/METAL



GOOD

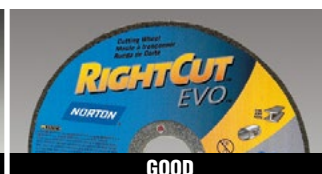
NORTON GEMINI
RIGHTCUT

Type 01/41

Aluminum Oxide

STAINLESS

STEEL/METAL



GOOD

NORTON
RIGHTCUT EVO

Type 01/41

Aluminum Oxide

STAINLESS

STEEL/METAL

SIZE (D x T x H)	MAX. RPM	STD. PKG.	PART NO.	PART NO.	PART NO.
Type 01/41 – RightCut Cut-off					
4-1/2 x .040 x 7/8	13,580	25	66252843225		
4-1/2 x .045 x 7/8	13,580	25	66252843208	66252841997 INOX	66252832906 EVO
5 x .040 x 7/8	12,225	25	66252843226		
5 x .045 x 7/8	12,225	25	66252843209	66252841998 INOX	66252832907 EVO
5 x .090 x 7/8	12,225	25		66252823600	
6 x .045 x 7/8	10,185	25	66252843210	66252841999 INOX	66252832908 EVO
6 x .090 x 7/8	10,185	25		66252823601	
7 x .060 x 7/8	8,600	25		66252832323	

RIGHTCUT WHEELS ARE TO BE USED FOR CUTTING ONLY

CUT-OFF WHEEL DESCRIPTION CODES

EVO = SEVERE CUTTING

FC = FREE CUT

INOX = CONTAMINANT FREE

LL = LONG LIFE

BLANK = ALL PURPOSE

■ = STAINLESS

■ = STEEL / METAL



The Norton cut-off wheel product line provides the highest productivity and performance in all cut-off applications from portable, high speed, chop saw, and rail, to stationary machines.

Small Diameter Reinforced Cut-off Wheels (3")



NORTON GEMINI SMALL DIAMETER REINFORCED CUT-OFF

GOOD CHOICE FOR ALL PURPOSE, COMPETITIVELY-PRICED WHEEL

FEATURES

- Advanced formulation
- Gemini Free Cut wheels **FC**

BENEFITS

- Maximizes the performance of conventional aluminum oxide abrasive
- Engineered to cut hard materials



TIER:
TRADENAME:
SHAPE:
ABRASIVE:
MATERIAL:

GOOD

NORTON GEMINI

Type 01/41

Aluminum Oxide

STAINLESS

STEEL/METAL

SIZE (D x T x H)	MAX. RPM	STD. PKG.	PART NO.
Type 01/41 – Cut-off			
3 x .035 x 1/4	25,465	25	66243510627 FC
3 x .035 x 3/8	25,465	25	66243510628 FC
3 x .060 x 3/8	25,465	25	66243510647 FC
3 x .125 x 3/8	25,465	25	66243510651 FC

High Speed Reinforced Cut-off Wheels (12", 14")



NORTON GEMINI HIGH SPEED REINFORCED CUT-OFF

GOOD CHOICE FOR ALL PURPOSE, COMPETITIVELY-PRICED WHEEL

FEATURES

- Gemini Metal



- Gemini Ductile



BENEFITS

- High performance aluminum oxide abrasive
- General purpose cutting of all steel and stainless parts including rebar, steel pipe, structural steel, sheet metal, cable and small to medium diameter solid pieces
- A special blend of silicon carbide abrasive for cutting and aluminum oxide abrasive for life
- Designed to cut ductile and cast iron pipe, concrete-lined water pipes, sewer construction and heavy-duty PVC



GOOD

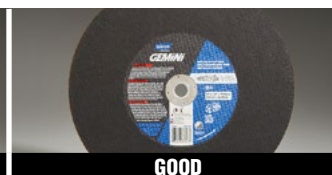
Norton

GEMINI METAL

Type 01

Aluminum Oxide

2 Layers



GOOD

Norton

GEMINI DUCTILE

Type 01

Silicon Carbide

2 Layers

TIER:
BRAND:
TRADENAME:
SHAPE:
ABRASIVE:
REINFORCING:

SIZE (D x T x H)	MAX. RPM	STD. PKG.	PART NO.
Type 01 Cut-off – for Gas & Electric-Powered Saws			
12 x 1/8 x 1" / 20mm	6,360	10	66252837838
14 x 1/8 x 1" / 20mm	5,400	10	66252837841



66252837843

CUT-OFF WHEEL DESCRIPTION CODES

EVO = SEVERE CUTTING

FC = FREE CUT

INOX = CONTAMINANT FREE

LL = LONG LIFE

BLANK = ALL PURPOSE

■ = STAINLESS

■ = STEEL / METAL





Chop Saw Reinforced Cut-off Wheels (12", 14")



NEW

NORTON BLUEFIRE CHOP SAW REINFORCED CUT-OFF WHEELS

BETTER CHOICE FOR STEEL, STAINLESS STEEL AND ALL OTHER FERROUS METALS

FEATURES

- Upgraded zirconia alumina / premium aluminum oxide abrasive blend
- Free Cut: side reinforced

BENEFITS

- 2X the life and cut rate of aluminum oxide
- Engineered for larger cross-sections and/or hard-to-cut materials



NORTON GEMINI CHOP SAW REINFORCED CUT-OFF WHEELS

GOOD CHOICE FOR ALL STEEL AND FERROUS METALS

FEATURES

- Free Cut: side reinforced
- Long Life: side reinforced
- Rapid Cut: centrally reinforced

BENEFITS

- Engineered for larger cross-sections and/or hard-to-cut materials
- Ideal for small cross-section workpieces
- Free cutting, non-binding; burr- and burn-free cuts

TIER:
TRADENAME:
SHAPE:
ABRASIVE:
REINFORCING:
MATERIAL:



BETTER

NORTON BLUEFIRE

Type 01

Zirconia Alumina/Aluminum Oxide

Side

STAINLESS

STEEL/METAL

PART NO.



GOOD

NORTON GEMINI

Type 01

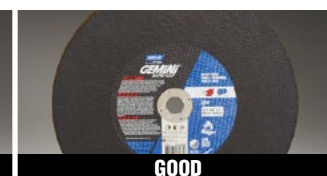
Aluminum Oxide

Side

STAINLESS

STEEL/METAL

PART NO.



GOOD

NORTON GEMINI

Type 01

Aluminum Oxide

Central

STAINLESS

STEEL/METAL

PART NO.



SIZE (D x T x H) MAX. RPM STD. PKG.

Type 01 Straight Cut-off

66253214561 66253306627 66253306626

12 x 7/64 x 1 5,095 10
14 x 7/64 x 1 4,365 10
10

66252843252 FC

66253306627 FC
66253306626 LL

66253214561 RC

Rail Reinforced Cut-off Wheels (14", 16")



NORTON NORZON III RAILCUT AND RAIL FASTCUT REINFORCED CUT-OFF WHEELS

BETTER CHOICE FOR HIGH PERFORMANCE CUTTING OF RAILS ON APPLICATIONS WHERE THE HYDRAULIC OR GAS SAW IS FIXTURED AND HAS ADEQUATE POWER

FEATURES

- Side reinforced, R sides

BENEFITS

- Ideal for high powered, well-maintained machines
- Maximum number of cuts per wheel
- Highest value on cost per cut basis
- Choose Fast Cut for fastest cut rate

TIER:
TRADENAME:
SHAPE:
ABRASIVE:



BETTER

NORTON NORZON III RAILCUT

Type 01

Zirconia Alumina



BETTER

NORTON NORZON III RAIL FASTCUT

Type 01

Zirconia Alumina

SIZE (D x T x H) MAX. RPM STD. PKG.

Type 01 Cut-off

14 x 1/8 x 1 5,400 10
16 x 1/8 x 1 4,800 10

66253464607

66253363694
66253464415




Stationary Saw Reinforced Cut-off Wheels (14" - 20")



NORTON BLUEFIRE STATIONARY SAW REINFORCED CUT-OFF WHEELS

BETTER CHOICE FOR STEEL, STAINLESS STEEL AND ALL OTHER FERROUS METALS

FEATURES

- Upgraded zirconia alumina / premium aluminum oxide abrasive blend

BENEFITS

- 2X the life and cut rate of aluminum oxide



NORTON GEMINI STATIONARY REINFORCED CUT-OFF WHEELS

GOOD CHOICE FOR ALL STEEL AND FERROUS METALS

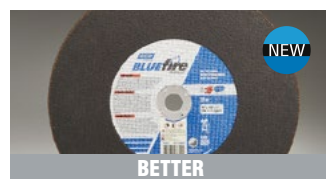
FEATURES

- Free Cut: side reinforced

BENEFITS

- Engineered for larger cross-sections and/or hard-to-cut materials

TIER:
TRADENAME:
SHAPE:
ABRASIVE:
MATERIAL:



NORTON BLUEFIRE

Type 01

Zirconia Alumina/Aluminum Oxide

STAINLESS

STEEL/METAL

PART NO.



GOOD

NORTON GEMINI FREE CUT

Type 01

Aluminum Oxide

STAINLESS

STEEL/METAL

PART NO.

SIZE (D x T x H)	MAX. RPM	STD. PKG.	PART NO.	PART NO.
Type 01 Straight Cut-off				
14 x 1/8 x 1	4,365	10	66252843255	66253306609 FC
16 x 5/32 x 1	3,820	10		
18 x 5/32 x 1	3,015	10		66253410185 FC
20 x 5/32 x 1	2,710	5		69078609031 FC
20 x 3/16 x 1	2,710	5		69078609033 FC

CUT-OFF WHEEL DESCRIPTION CODES

FC = FREE CUT

BLANK = ALL PURPOSE

■ = STAINLESS

■ = STEEL / METAL





Depressed center wheels may also be referred to as raised hub wheels or by their shape designation of “Type”, with Type 27 being the most popular. The depressed center design allows the flange/lock nut to recess within the wheel so that it can be used for various grinding and cutting applications. Depressed center wheels are designed to handle the most severe right angle grinding applications from heavy stock removal to rough blending. More recently, depressed center wheels have been designed to increase the utility of the tool for cut-off applications. While large right angle grinders (7" & 9") have been around for many years, small or mini grinders that handle 4", 4-1/2" and 5" wheels have made this machine, and wheel category, the most popular in power tools. Typical applications include grinding, stock removal, edge chamfering, beveling, weld blending, and cutting-off.



NORTON NORZON PLUS

BEST/HIGHEST PRODUCTIVITY FOR STEEL, STAINLESS STEEL AND ALL OTHER FERROUS METALS

FEATURES

- Combination of patented and NorZon (zirconia alumina) with an advanced bond system
- Foundry Snagger

BENEFITS

- 50 to 200% better overall performance versus competitive zirconia Norton SG (ceramic alumina) and ceramic wheels
- Lowest total grinding cost; highest productivity
- Up to 10X the performance of aluminum oxide wheels
- 50% or better cut rate than competitive zirconia wheels
- Easy on the operator and equipment
- Designed to withstand the most aggressive foundry application



NORTON BLUEFIRE

BETTER CHOICE FOR STAINLESS STEEL, CARBON STEEL, ALLOYS AND GRAY IRON

FEATURES

- A blend of R&D advanced chemistry and shape zirconia alumina abrasive with premium aluminum oxide grain
- Contaminate-free BlueFire FastCut **FC/INOX**

BENEFITS

- 2-3 times the life of aluminum oxide wheels
- Up to 20% increase in performance and life over our former zirconia alumina wheels
- Broad utility from light-to heavy-pressure applications, on a wide range of materials
- Excellent performance-to-price ratio for lower total grinding costs
- Contain <0.1% iron, sulfur, or chlorine for rust-free and corrosion-free results; will not contaminate stainless steel



NORTON GEMINI

GOOD CHOICE FOR STEEL AND FERROUS METALS AS WELL AS SPECIALTY APPLICATIONS IN ALUMINUM

FEATURES

- Quality aluminum oxide
- Gemini contaminant-free **INOX**

BENEFITS

- Consistent performance at a competitive price
- Contains <0.1% iron, sulfur, or chlorine for rust-free and corrosion-free results; will not contaminate stainless steel



NORTON METAL

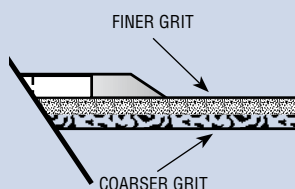
GOOD CHOICE FOR STEEL/FERROUS METAL APPLICATIONS WITH LOW INITIAL PRICE

FEATURES

- Aluminum oxide abrasive
- Competitive initial price point

BENEFITS

- Engineered for all steel/ferrous material
- Best starting specification for end-user unable to measure performance



Norton Fine, Hard Back Depressed Center Wheels Boost Productivity and Wheel Life

Versus Competitors' Monolithic Design (2 coarse layers)

Our fine, hard back (a finer-grit mixture in the top half of the grinding wheel) limits premature shedding or “spalling” and allows for a smoother grinding action from the periphery to the hub.

- At the proper grinding angle, a sharp bevel is produced at the wheel periphery
- As the wheel wears, this thin edge become susceptible to stress
- A coarse grit back is much more likely to break away prematurely resulting in unnecessary wheel loss and quite possibly an injury to operator and others



Norton RightCut – For Right Angle Grinder Cutting



TIER:	BETTER	GOOD
TRADENAME:	NORTON BLUEFIRE RIGHTCUT	NORTON GEMINI RIGHTCUT
SHAPE:	Type 27	Type 27
ABRASIVE:	Zirconia Alumina/ Aluminum Oxide	Aluminum Oxide
MATERIAL:	STAINLESS	STAINLESS
	STEEL/METAL	STEEL/METAL

SIZE (D x T x H)	MAX. RPM	STD. PKG.	PART NO.	PART NO.
.045, .060, .090, .125 – RightCut Cut-off – Type 27/42				
4-1/2 x .045 x 7/8	13,580	25	66252843219	66252841912 INOX
4-1/2 x .090 x 7/8	13,580	25		66252841940
4-1/2 x .125 x 7/8	13,580	25		66252843589
5 x .045 x 7/8	12,225	25	66252843220	66252841914 INOX
5 x .090 x 7/8	12,225	25		66252843587
				66252842037 INOX
5 x .125 x 7/8	12,225	25		66252843595
6 x .045 x 7/8	10,185	25	66252843221	66252841916 INOX
6 x .125 x 7/8	10,185	25		66252842021
7 x .060 x 7/8	8,600	20		66252912626
7 x .125 x 7/8	8,600	20		66252900619

RIGHTCUT WHEELS ARE TO BE USED FOR CUTTING ONLY.

For Cutting/Notching/Light Grinding



TIER:	BEST	BETTER	GOOD	GOOD
TRADENAME:	NORTON NORZON PLUS	NORTON BLUEFIRE	NORTON GEMINI	NORTON METAL
SHAPE:	Type 27	Type 27	Type 27	Type 27
ABRASIVE:	Ceramic Alumina/ Zirconia Alumina	Zirconia Alumina/ Aluminum Oxide	Aluminum Oxide	Aluminum Oxide
MATERIAL:	STAINLESS	STAINLESS	STAINLESS	STAINLESS
	STEEL/METAL	STEEL/METAL	STEEL/METAL	STEEL/METAL





SIZE (D x T x H)	MAX. RPM	STD. PKG.	PART NO	PART NO	PART NO	PART NO
3/32", 1/8", 5/32" – Cutting / Notching / Light Grinding – Type 27						
4-1/2 x 1/8 x 7/8	13,580	25		66252843212	66252843591	66252843611
		25		66252843190 FC		
5 x 1/8 x 7/8	12,225	25	66252843331	66252843216		
		25		66252843194 FC		
5 x 5/32 x 7/8	13,580	25			66252842038	
6 x 3/32 x 7/8	10,185	25			66252841906	
6 x 1/8 x 7/8	10,185	20		66252843202		
		20		66252843198 FC		
6 x 5/32 x 5/8-11	10,185	10			66252841193	
6 x 5/32 x 7/8	10,185	20			66252835580	
7 x 1/8 x 7/8	8,600	20	66252938854			
9 x 1/8 x 7/8	6,600	20	66253048896			

DEPRESSED CENTER WHEEL DESCRIPTION CODES

FC = FAST CUT**INOX** = CONTAMINANT FREE**BLANK** = ALL PURPOSE**■** = STAINLESS**■** = STEEL / METAL



For Grinding


							
				BEST	BETTER	GOOD	GOOD
TIER:				NORTON NORZON PLUS	NORTON BLUEFIRE	NORTON GEMINI	NORTON METAL
TRADENAME:				Type 27	Type 27	Type 27	Type 27
SHAPE:				Ceramic Alumina/ Zirconia Alumina	Zirconia Alumina/ Aluminum Oxide	Aluminum Oxide	Aluminum Oxide
ABRASIVE:				STAINLESS	STAINLESS	STAINLESS	STAINLESS
MATERIAL:				STEEL/METAL	STEEL/METAL	STEEL/METAL	STEEL/METAL
SIZE (D x T x H)	MAX. RPM	STD. PKG.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.
1/4" – Grinding – Type 27							
4 x 1/4 x 5/8	15,280	25			66252842019		
4-1/2 x 1/4 x 7/8	13,580	25	66252843328	66252843214	66252843594		66252843607
		25		66252843192 FC	66252842033 INOX		
5 x 1/4 x 7/8	12,225	25	66252843334	66252843218	66252843598		66252843614
		25	66252843797 FC		66252842040 INOX		
6 x 1/4 x 7/8	10,185	20	66252809376	66252843200 FC	66252801865		
		20	66252843799 FC				
7 x 1/4 x 7/8	8,600	20	66252917880		66252940098 LL		
		20	66252843801 FC				
9 x 1/4 x 7/8	6,600	20	66252843803 FC				

For Foundry Grinding

				
TIER:				BEST
TRADENAME:				NORTON NORZON PLUS
SHAPE:				Type 27
ABRASIVE:				Ceramic Alumina/ Zirconia Alumina
MATERIAL:				FOUNDRY
SIZE (D x T x H)	MAX. RPM	STD. PKG.	PART NO.	
1/4" – Grinding – Type 27				
9 x 1/4 x 7/8	6,600	20	66253007013	

For Blending/Grinding Aluminum

				
TIER:				GOOD
TRADENAME:				NORTON GEMINI
SHAPE:				Type 27
ABRASIVE:				Aluminum Oxide 46 Grit
MATERIAL:				ALUMINUM
SIZE (D x T x H)	MAX. RPM	STD. PKG.	PART NO.	
1/4" – Blending/Grinding – Type 27				
5 x 1/4 x 7/8	12,225	25	66252842039	



DEPRESSED CENTER WHEEL DESCRIPTION CODES

FC = FAST CUT	INOX = CONTAMINANT FREE	LL = LONG LIFE	BLANK = ALL PURPOSE
 = ALUMINUM	 = FOUNDRY	 = STAINLESS	 = STEEL / METAL

Norton NorZon Plus Fast Cut – Guaranteed Fastest Cutting

Norton NorZon Plus grinding wheels are manufactured with the exact combination of our proprietary Norton SG ceramic and zirconia grains in a free-cutting bond matrix.

BEST OPTION WHEN:

- cut rate for speed of completion is primary concern
- cost of labor is high
- heavy grinder is used
- grinding is difficult, or performed in hard-to-reach areas



WIRE BRUSHES

Attractive packaging clearly explains dimensions, structure, safety and machine usage. All brushes are individually clamshell-packaged unless otherwise noted. When using wire brushes, be sure to comply with ANSI B165 "Power-Driven Brushing Tools: Safety Requirement for the Design, Care and Use." and safety documents on www.nortonabrasives.com website. Applications include: cleaning rust, scale and dirt; light deburring; edge blending; roughening for adhesion; finishing for appearance; finish preparation prior to plating or painting. Color-coded for easy identification: **STAINLESS** **STEEL/METAL**



TWIST KNOT WIRE SAUCER CUP BRUSHES

IDEAL FOR CLEANING CORNERS, RECESSES, AND OTHER HARD-TO-REACH AREAS ON STEEL/STAINLESS

FEATURES

- Twist knot style
- Crimped style

BENEFITS

- For heavy-duty cleaning
- For light- to medium-duty cleaning



CRIMPED WIRE CUP BRUSHES

FOR LIGHT- TO MEDIUM-DUTY BRUSHING APPLICATIONS ON FLAT OR IRREGULAR SURFACES, AND BEVEL BUFFING ON STEEL

FEATURES

- Highly flexible heavy wire fill

BENEFITS

- Fast cutting



PROTECTIVE GUARD

TWIST KNOT WIRE CUP BRUSHES





HIGH IMPACT CUTTING AND CLEANING ON MORE DEMANDING STEEL/STAINLESS APPLICATIONS

FEATURES

- Rigid structure
- Available with application-specific protective guard opens up into a shield
- Single row, twist knot construction

BENEFITS

- High impact cutting and cleaning on more demanding applications
- Prevents wire, dust and/or projection from reaching the end-user
- Provides for a friendly handling of the brush, preventing potential pricking caused by the wire ends
- Limits flaring of the brush on corners and angles

				TIER: APPLICATION:	BETTER	BETTER
					STEEL/METAL	STAINLESS
DIAMETER x WIRE THICKNESS x MOUNT	MAX. RPM	STD. PKG.	MATERIAL/COLOR-CODE			PART NO.
Twist Knot Wire Saucer Cup Brushes						
5 x .020 x 5/8-11	12,500	10	Carbon		66252835585	
5 x .020 x 5/8-11	12,500	10	Stainless			66252835586
Crimped Wire Cup Brushes						
3 x .014 x 5/8-11	15,000	5	Carbon		69936653341	
4 x .014 x 5/8-11	9,000	5	Carbon		69936653347	
Twist Knot Wire Cup Brush With Protective Guard – Single Row						
2-3/4 x .020 x 5/8-11	15,000	5	Carbon		66252833492	
Twist Knot Wire Cup Brush – Single Row						
2-3/4 x .020 x 5/8-11	15,000	5	Carbon		69936653336	
2-3/4 x .020 x 5/8-11	15,000	5	Stainless			69936653340



HAND BRUSHES

NARROW FOR ACCESS INTO TIGHT AREAS AND SLOTS

FEATURES

- Plastic handle scratch brush with ergonomic handle

BENEFITS

- Crimped wire for longer life
- Wires are wrapped up and around the metal post so they never come out
- Curved face for hard-to-reach places

			TIER: MATERIAL:	BETTER STEEL/METAL	BETTER STAINLESS
SIZE	STD. PKG.	MATERIAL/COLOR-CODE	PART NO.		
Crimped Medium 1" Face					
Scratch Brush Plastic Handle	24	Carbon	66252833954		
Scratch Brush Plastic Handle	24	Stainless	66252833953		

WIRE BRUSHES



CRIMPED WIRE WHEEL BRUSHES

EXCELLENT PERFORMANCE FOR DEBURRING, REMOVING RUST, CORROSION AND DIRT ON STEEL

FEATURES

- Brushes may be used individually or stacked on a shaft

BENEFITS

- Single-section, narrow-faced brushes are ideal for general-purpose brushing of uneven or difficult-to-reach surfaces
- Single section, medium-faced brushes clean larger surface areas and have longer life



STANDARD TWIST KNOT WIRE WHEEL BRUSHES

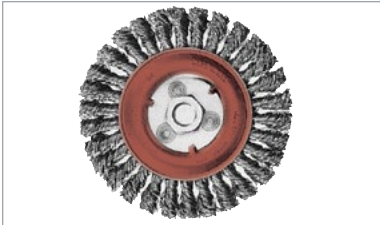
IDEAL FOR WELDING AND METAL FABRICATION APPLICATIONS (REMOVING WELD SCALE SPATTER, EXTRA-HEAVY RUST AND CORROSION, OR SURFACE ROUGHENING) ON STEEL/STAINLESS

FEATURES

- Twist knot wire design

BENEFITS

- Provides added rigidity for extra cutting power
- Small diameter wheels are used for small- to medium-duty jobs requiring flexibility and lighter brushing action



FULL CABLE TWIST KNOT WIRE WHEEL BRUSHES

FOR THE TOUGHER APPLICATIONS ON STEEL, ESPECIALLY FOR WELD PASSES

FEATURES

- Full cable twist brushes

BENEFITS

- Provide very low flex and high impact cutting and cleaning



STRINGER BEAD KNOT WIRE WHEEL BRUSHES





DELIVER HIGH-IMPACT CUTTING AND CLEANING FOR TOUGHEST STEEL/STAINLESS APPLICATIONS

FEATURES

- Stringer bead wire for hard-to-reach areas

BENEFITS

- Specially suited for groove and weld bead, corners, and t-connections

					TIER: APPLICATION:	BETTER STEEL/METAL	BETTER STAINLESS
DIAMETER x WIRE THICKNESS x MOUNT/HOLE SIZE	MAX. RPM	STD. PKG.	MATERIAL/COLOR-CODE	PART NO.			
Crimped Wire Wheel Brushes – Medium 1" Face							
6 x .014 x 1/2-2**	6,500	5	Carbon	69936653324			
8 x .014 x 1/2-2**	4,500	5	Carbon	69936653326			
** 7 BUSHING SIZES INCLUDED WITH EACH BRUSH (FIT 1/2" - 2")							
Standard Twist Knot Wire Wheel Brushes							
3 x .014 x 5/8-11	20,000	5	Stainless				66252836362
4-1/2 x .020 x 5/8-11	20,000	5	Carbon	69936606275			
Full Cable Twist Knot Wire Wheel Brushes							
4-1/2 x .020 x 5/8-11	20,000	6*	Carbon	69936653331			
5 x .020 x 5/8-11	12,500	5	Carbon	66252833487			
6 x .020 x 5/8-11	12,500	5	Carbon	69936653352			
*BULK PACKED ITEMS							
Stringer Bead Knot Wire Wheel Brushes							
4 x .020 x 5/8-11	20,000	5	Carbon	69936606277			
	20,000	5	Stainless				69936606278
5 x .020 x 5/8-11	12,500	6*	Carbon	66252833490			
	12,500	6*	Stainless				66252833491
6 x .020 x 5/8-11	12,500	10*	Carbon	69936653350			
	12,500	5	Stainless				69936653351
*BULK PACKED ITEMS							



Flap discs are versatile grinding and finishing tools, consisting of three main components: a backing plate, adhesive, and abrasive cloth flaps. The rectangular flaps are overlapped and glued to the backing plate. Flap discs are designed for right angle grinder applications such as grinding, stock removal, edge chamfering/beveling, weld blending, deburring/deflashing, rust removal, blending, cleaning and finishing.



NORTON BLAZE R980P

BEST/HIGHEST PRODUCTIVITY FOR STAINLESS STEEL, TITANIUM, AND SUPER ALLOYS

FEATURES

- Latest-generation ceramic alumina abrasive grain
- Supersize grinding aid
- Y-weight polyester flaps
- Black, flexible plastic backing plate on Type 27 Quick Trim

BENEFITS

- Last 50% – 200% longer than any flap discs on stainless steel, cobalt, chrome, Inconel, titanium and other hard-to-grind materials
- Cool, noticeably fast cut rate
- Significantly improve life, grain retention and fray resistance
- New industry standard for trimmability



NORTON RED HEAT R961

BEST/HIGH PRODUCTIVITY FOR MILD CARBON STEEL, AND FERROUS METALS

FEATURES

- New, premium ceramic and zirconia alumina abrasive blend
- Red, flexible plastic backing plate on Type 27 Quick Trim

BENEFITS

- Excellent performance and efficiencies on mild carbon steel and ferrous metal/cast iron applications
- New industry standard for trimmability



NORTON NEON R766




GOOD CHOICE FOR ALUMINUM, BRASS, BRONZE, STAINLESS, CARBON STEEL, AND TITANIUM

FEATURES

- Alternating aluminum oxide (green) and zirconia alumina (blue) flaps
- New resin system and Y-weight polyester flaps
- New grain coating
- Green, flexible plastic backing plate on Type 27 Quick Trim

BENEFITS

- Ideal when purchasing criteria is a good-performing, economically-priced, general purpose disc
- Improved base adhesion and 30%+ improvement in life over key competitors' aluminum oxide flap discs
- Stand up on light- to moderately-demanding applications
- Longer life and faster cut rate
- New industry standard for trimmability

			
TIER:	BEST	BEST	GOOD
BRAND	Norton	Norton	Norton
TRADENAME:	BLAZE R980P	RED HEAT R961	NEON R766
SHAPE:	Type 27 Flat	Type 27 Flat	Type 27 Flat
FLAP DENSITY	Standard	Standard	Standard
ABRASIVE:	Ceramic Alumina	Ceramic Alumina/ Zirconia Alumina	Aluminum Oxide/ Zirconia Alumina
BACKING PLATE:	Quick Trim Plastic	Quick Trim Plastic	Quick Trim Plastic
OTHER:	Supersize		

SIZE (D x H)	GRIT	MAX. RPM	STD. PKG.	PART NO.	PART NO.	PART NO.
4-1/2 x 7/8	40	13,300	10		63642504877	66623399004
	60				63642504878	66623399005
	80			66254400255	63642504879	66623399006
5 x 7/8	40	12,000	10	66254400262	63642505282	66623399008
	60			66254400264	63642505283	66623399009
	80			66254400265	63642505284	66623399010
6 x 7/8	40	10,200	10		66623399024	66623399012
	60				66623399025	66623399013
	80				66623399026	66623399014





The most heavy-duty of coated abrasive discs with resin over resin construction on heavy-duty vulcanized fiber backing. Designed for stock removal, edge chamfering, weld blending, deburring/deflashing, rust removal, and cleaning and finishing applications. Used with back-up pads on portable angle grinders.



NORTON BLAZE F980

BEST CHOICE FOR STAINLESS STEEL, TITANIUM, AND SUPER ALLOYS

FEATURES	BENEFITS
■ Patented, new generation ceramic alumina grain	■ Improved micro-fracturing for sharper grain edges and improved grain life
■ Full-ratio / 100% ceramic alumina abrasive 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
■ Improved resin bond system	■ Improved grain retention for longer life
■ Extra heavy-duty backing on 50 grit and coarser	■ Increased life and durability



NORTON BLUEFIRE F826P

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

FEATURES	BENEFITS
■ Blend of patented ceramic alumina and zirconia alumina abrasive grain	■ 15% faster cut and longer life with less power draw
	■ Broad utility on a wide range of materials



MERIT ZIRCONIA ALUMINA

BETTER CHOICE FOR HARD-TO-GRIND MATERIALS SUCH AS STAINLESS STEEL, INCONEL AND COBALT

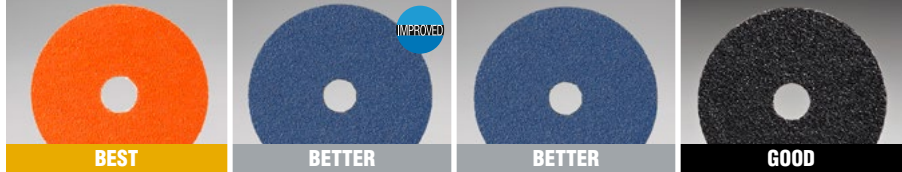
FEATURES	BENEFITS
■ Durable zirconia alumina abrasive grain	■ Long lasting
	■ Won't break down like aluminum oxide abrasive
■ Heavy fiber backing	■ High strength for tough jobs



NORTON NEON F726

GOOD CHOICE FOR HARD-TO-GRIND MATERIALS SUCH AS STAINLESS STEEL, INCONEL AND TITANIUM

FEATURES	BENEFITS
■ Premium abrasive and aluminum oxide grain blend	■ Ideal when purchasing criteria is a good-performing, economically priced, general purpose disc for sanding hard-to-grind materials
	■ Up to 3X the life and cut rate of competitive aluminum oxide products
	■ Grain blend makes the product effective on a wide range of materials
■ New resin system and heavy-duty fiber backing	■ Improved base adhesion and 30%+ improvement in life over key competitors' aluminum oxide fiber discs with a grinding aid



TIER:	BEST	BETTER	BETTER	GOOD
BRAND:	Norton	Norton	Merit	Norton
TRADENAME:	BLAZE F980	BLUEFIRE F826P	ZA	NEON F726
ABRASIVE:	Ceramic Alumina	Ceramic/Zirconia	Zirconia Alumina	Aluminum Oxide
OTHER:	Supersize			

SIZE (D x H)	GRIT	STD. PKG.	PART NO.	PART NO.	PART NO.	PART NO.
5 x 7/8	24	25	69957398005	66261138563	66623357290	66623395016
	36	25	69957398006	66261138562	66623357291	66623395017
	50	25	69957398007	66261138561		
	60	25	69957398008	66261138601	66623357293	
	80	25	69957398009	66261138600		
7 x 7/8	24	25			66623357295	66623395029
	36	25			66623357296	66623395030

NOTE: FIBER DISCS MUST ALWAYS BE USED WITH BACK-UP PADS, SHOWN BELOW.



Fiber Disc Rubber 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.

DESCRIPTION	MAX. RPM	STD. PKG.	PART NO.
Air-Cooled Standard Back-up Pads			
4-1/2" Medium	11,000	5	63642502122
5" Medium	10,000	5	63642543421
7" Hard	8,600	5	63642543425

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





Tool-free, twist-on and -off fastening systems make fast work of disc changes to maximize productivity by minimizing downtime. Applications for cloth quick-change discs include light- to medium-pressure grinding; blending, leveling and finishing applications; for use on contours or flat surfaces



NORTON BLAZE R980P CLOTH

BEST CHOICE FOR STAINLESS STEEL AND TOUGH APPLICATIONS

FEATURES

- Next generation ceramic alumina abrasive grain
- Self-lubricating, supersize treatment
- 3-ply heavy-duty laminate discs (Y-weight polyester cloth yellow backing)

BENEFITS

- Significantly faster cut rates
- Provides coolest cut
- More aggressive; for greatest durability, longest life, and edge-fray resistance on tough applications and stainless steel



NORTON BLUEFIRE R884P CLOTH

BETTER CHOICE FOR DEMANDING APPLICATIONS; HIGH-PRESSURE AND HARD-TO-GRIND EXOTIC ALLOYS

FEATURES

- Premium, versatile, self-sharpening zirconia alumina plus grain
- Upgraded resin bond
- New grain coating
- Semi-open coat
- Durable, Y-weight, 2-ply polyester cloth backing

BENEFITS

- Provides aggressive cut and up to 30% longer life than competitive zirconia alumina product
- Improves base adhesion and reduces grain shedding
- Results in longer life and faster cut rate
- Retards loading on soft metals (aluminum, brass, and bronze) and wood, as well as stainless steel and carbon steel
- Stands up to demanding applications: high-pressure and hard-to-grind exotic alloys

TIER:	BEST	BETTER
BRAND:	Norton	Norton
ABRASIVE:	Ceramic Alumina	Zirconia Alumina
BACKING:	Polyester Heavy-Duty	Polyester Standard
OTHER:	Supersized	
ATTACHMENT:	TR (Type III)	TR (Type III)

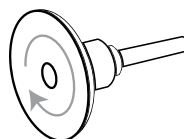
SIZE (D)	GRIT	STD. PKG.	PART NO.	PART NO.
2	24	25		66261138672
	36		66261162318	66261138671
	50		66261162320	66261138670
	60		66261162322	66261121048
	80		66261162324	66261121049
	120		66261043386	
3	24	25		66261138675
	36		66261162328	66261138674
	50		66261162330	66261138673
	60		66261162332	66261121053
	80		66261162334	66261121054
	100		66261043390	

Quick-Change TR Back-up Pads



TR (TYPE III)

Medium density Quick-Change TR pads are for all-purpose applications



DIAMETER	MAX. RPM	DENSITY	TR (TYPE III)
Quick-Change TR Back-up Pads			
1"	40,000	Medium	08834164037
2"	30,000	Medium	08834164922
3"	20,000	Medium	08834164949

ALL QUICK-CHANGE BACK-UP PADS HAVE A 1/4" DIAMETER SHANK.. STD. PKG. = 1



Engineered for flexibility and fast cutting, cloth rolls have a longer life than paper. They tear cleanly and straight without shedding and are packed in a protective dispenser to eliminate waste and damage. Applications include: scouring and light deburring, scale and rust removal, blending and fine sanding, polishing lathe turnings, rolls and cylinders, and blending machine tool marks.

**METALITE K224/K225**

GOOD CHOICE FOR GENERAL PURPOSE METALWORKING APPLICATIONS

FEATURES**BENEFITS**

- | | |
|--|---|
| ■ Premium P-graded aluminum oxide abrasive grain | ■ Greater cut rate than competitive products |
| ■ Advanced full resin bond system | ■ Exceptional grain adhesion for longer life |
| ■ Flexible J-weight cotton backing | ■ Superior conformability to complex surfaces and better finishes |

**METALITE K227**

GOOD CHOICE FOR QUALITY METALWORKING APPLICATIONS

FEATURES**BENEFITS**

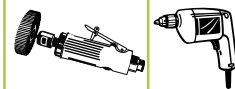
- | | |
|--|---|
| ■ P-graded aluminum oxide abrasive grain | ■ Fast cut rate and consistent finish |
| ■ Resin bond system | ■ Longer life |
| ■ Flexible J-weight cotton backing | ■ Superior conformability to complex surfaces and better finishes |



TIER:
BRAND:
TRADENAME:
ABRASIVE:
SIZE:
OTHER:

GRIT	MIN./STD. PKG.	PART NO.	PART NO.	PART NO.	PART NO.
50	1/5	66261127728	66261127732		
60	1/5	66261127729	66261127733		
80	1/5			66261109180	66261109335
100	1/5			66261058721	66261109330
120	1/5			66261109170	66261109325
150	1/5			66261058720	66261109320
180	1/5			66261109160	66261109315
220	1/5	66261126271	66261126294		
240	1/5	66261126270	66261126293		
280	1/5			66261109150	
320	1/5			66261109140	





Flap wheels are an ideal choice for a wide variety of blending, deburring and finishing applications common in the metal fabrication, welding and polishing industries. Flap wheels are conformable to intricate shapes and contours. Designed to deliver a consistent finish with a uniform rate of cut, flap wheels wear away, continually exposing fresh abrasives.



MERIT HIGH PERFORMANCE MINI FLAP WHEELS WITH 1/4" MOUNTED STEEL SHANKS

GOOD CHOICE FOR MORE DURABLE FLAP WHEEL APPLICATIONS WHERE AGGRESSIVE CUT AND SUPERIOR LIFE ARE REQUIRED

FEATURES

- Long-lasting ceramic alumina/aluminum oxide abrasive blend
- Heavy cotton backing

BENEFITS

- Aggressive cut and 2 to 3 times longer life
- Extended durability for added life and reduced edge wear



TIER:

GOOD

BRAND:

Merit

TRADENAME:

HIGH PERFORMANCE

ABRASIVE:

Ceramic Alumina/
Aluminum Oxide Blend

D x W x SK.	MAX. RPM	GRIT	STD. PKG.	PART NO.
1 x 1 x 1/4	30,000	60	10	08834137310
		80		08834137311
		120		08834137312
2 x 1 x 1/4	25,000	60	10	08834137370
		80		08834137371
		120		08834137372
3 x 1 x 1/4	20,000	60	10	08834137450
		80		08834137451





Non-woven right angle discs have three components: strong synthetic fiber mesh and quality abrasives, bonded together by a smear-resistant adhesive. Rapid Strip discs have an open web construction that enables aggressive cutting action while inherently maintaining a cool, non-loading surface. Rapid Prep and Surface Preparation discs have a more open weave that excels in preparation and cleaning of a surface. Each product provides excellent cutting action while improving surface finish.

The non-woven web is attached to a fiberglass backing plate (Rapid Strip/Rapid Finish/Rapid Prep depressed center wheels) for direct mounting or onto a woven substrate backing (Surface Prep discs) for mounting on a rubber back-up pad.

Non-Woven Right Angle Grinder Discs



NORTON BLAZE RAPID STRIP NON-WOVEN DEPRESSED CENTER DISCS – TYPE 27

BEST CHOICE FOR QUICK AND EASY ROUGH CLEANING AND STRIPPING OF ALL MATERIALS

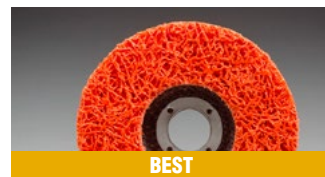
FEATURES	BENEFITS
■ Blaze ceramic alumina grain	■ 2x cut rate, 2x life over silicon carbide
■ Advanced resin bond	■ Does not shed on rust encrusted pieces, and prevents gouging and rework
	■ Does not snag when used for deburring
■ New coating process	■ Abrasive coating covers the entire disc providing a consistent cut rate
■ Open structure	■ Sticky coating, adhesives and soft metals will not clog the disc



NORTON RAPID STRIP NON-WOVEN DEPRESSED CENTER DISCS – TYPE 27

BETTER CHOICE FOR QUICK AND EASY ROUGH CLEANING AND STRIPPING OF ALL MATERIALS

FEATURES	BENEFITS
■ Thick, strong, synthetic fibers and extra coarse silicon carbide abrasive bonded with a durable, smear-resistant adhesive	■ Aggressive cutting, cleaning and stripping of all materials
■ Open web construction	■ Minimizes loading



BEST



BETTER

TIER:
BRAND:
TRADENAME:
ABRASIVE:
GRIT SIZE:
GRADE:
TYPE/BACKING:

SIZE (D x H)	MAX. RPM	STD. PKG.		
4-1/2 x 7/8	12,000	10		66261009649
5 x 5/8-11	11,000	10	66623303915	
7 x 7/8	8,000	10		66261009586





Non-Woven Hook and Loop Discs



NORTON VORTEX RAPID PREP

BETTER CHOICE FOR FINISHING AND BLENDING APPLICATIONS

FEATURES	BENEFITS
<ul style="list-style-type: none"> Proprietary Vortex aluminum oxide abrasive grain and new coating method 	<ul style="list-style-type: none"> Most consistent cutting and finishing of surface conditioning products on the market Combines fast cutting speed with the finish of finer grits Reduce process times by 50+% by combining multiple grit sequences to one operation More resistant to edge wear; up 4X life versus competitive products Friable grain structure keeps Ra specs throughout disc life and reduces scrap and rework
<ul style="list-style-type: none"> Improved hook and loop backing 	<ul style="list-style-type: none"> Will not fly off rotary sanders Discs sit flatter on back-up pads, resulting in a more consistent finish on DA applications



BRAND:
TRADENAME:
ABRASIVE:
GRIT:
ATTACHMENT:

SIZE	STD. PKG.			
4-1/2	25	66623334943	66623334961	66623333615
5	25	66623334945	66623334962	66623333617
7	25	66623334951	66623334965	66623334969

BACK-UP PADS FOR THESE DISCS FOUND ON PAGE 20

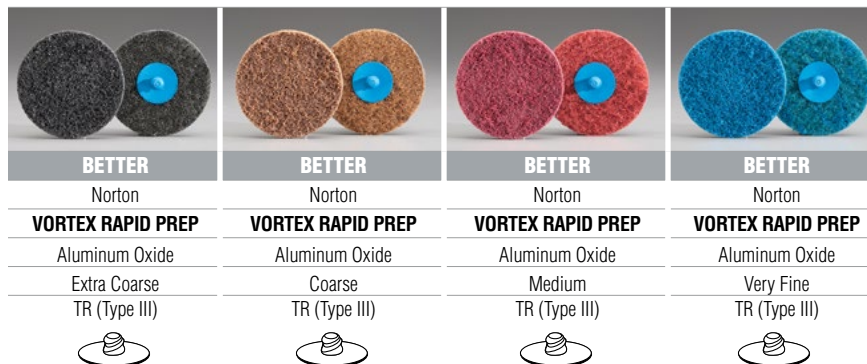
Surface Preparation Discs – Quick-Change



NORTON VORTEX RAPID PREP

BETTER CHOICE FOR FINISHING AND BLENDING APPLICATIONS

FEATURES	BENEFITS
<ul style="list-style-type: none"> Proprietary Vortex aluminum oxide abrasive grain and new coating method 	<ul style="list-style-type: none"> Most consistent cutting and finishing of surface conditioning product on the market Combine the cutting speed with the finish of fine grits Reduce process times by 50+% by eliminating 2 to 5 grit sequences to 1 step in your technical blending operations More resistant to edge wear; up to 4X life versus competitive products Friable grain structure keeps Ra specs throughout disc life and reduces scrap and rework
<ul style="list-style-type: none"> New resin system, aerospace-tailored 	<ul style="list-style-type: none"> Smear-free, even on high nickel content alloys Will not load on aluminum and soft metals, as competitive products may
<ul style="list-style-type: none"> Extended form holding 	<ul style="list-style-type: none"> Lowest total cost of consumable tooling per workpiece



BRAND:
TRADENAME:
ABRASIVE:
GRIT:
ATTACHMENT:

SIZE	STD. PKG.	PART NO.	PART NO.	PART NO.	PART NO.
2	25				66623335433
3	25	66623335327	66623335417	66623335430	66623335437

BACK-UP PADS FOR THESE DISCS FOUND ON PAGE 20



Low-Profile Pads for Dual Action / Random Orbital Sanders



- Medium low-profile back-up pads have 1/2" thick urethane foam for intermediate and finish sanding.
- Hook and loop face is shock resistant and has a fiberglass backing plate with a riveted 5/16"-24 threaded shank for added strength and increased heat resistance.

DESCRIPTION	MAX. RPM	STD. PKG.	PART NO.
Low Profile Pads for DA/Random orbital Sanders			
5" Hook & Loop Medium Low-Profile	15,000	5*	63642506135
* PACKED IN INDIVIDUAL CLAMSHELL			

Back-Up Pads for Hook And Loop Discs



TIER: **GOOD**
BRAND: Norton

PAD DIAMETER	SPINDLE OR HOLE SIZE	MAX. RPM	3M EQUIVALENT	STD. PKG.	PART NO.
Back-Up Pads for Hook And Loop Discs					
2	1/4 Steel Shank	23,000	922	5	66261059352
3	1/4 Steel Shank	20,000	923	5	66261059354
4	5/8-11	13,000	914	5	66261059304
4-1/2	5/8-11	10,000	9145	5	66261006948
5	5/8-11	10,000	915	5	66261059310
7	5/8-11	6,000	917	5	66261059368

Back-Up Pads for Quick-Change TR Discs



TIER: **GOOD**
BRAND: Norton

PAD DIAMETER	ATTACHMENT	MAX. RPM	STD. PKG.	PART NO.
Back-Up Pads for Quick-Change TR Discs				
1-1/2	TR	30,000	10	66261047580
2	TR	25,000	10	66261055103
3	TR	20,000	10	66261055105

Surface finishing hand pads are made of a non-woven nylon web impregnated with abrasive grain and resin bond. Typical applications include light- to heavy-duty cleaning, deburring, blending, polishing, and finishing of metal, wood, composite, plastics, stone, solid surface and painted surfaces.

Hand Pads



HAND PADS

BETTER CHOICE FOR LIGHT TO HEAVY-DUTY DEBURRING, BLENDING, POLISHING AND FINISHING OF METAL, WOOD, COMPOSITE, PLASTICS, STONE, SOLID SURFACE, AND PAINTED SURFACES

FEATURES	BENEFITS
■ Flexible	■ Conforms to work surface
■ Non-loading	■ Constant supply of new cutting edges
■ Non-rusting	■ No workpiece contamination
■ Resilient construction	■ Long life, increased productivity; solvent resistant; waterproof
■ Thin Flex: Extremely thin and conformable	■ Ideal for cleaning, blending, finishing and deburring contoured surfaces and tight spaces
	■ Better choice when controlling time and cost are key

TIER: **BETTER**
BRAND: Norton

SIZE (W x L)	COLOR	DESCRIPTION	ABRASIVE	GRIT SIZE	MIN./STD. PKG.	PART NO.	PART NO.
Hand Pads							
6 x 9	Maroon	747 General Purpose Plus Pad	A/O	VF	20/60	66261074700	
Thin-Flex Hand Pads							
4-1/2 x 9	Maroon	Thin-Flex	A/O	VF	25		66623398062
4-1/2 x 9	Gray	Thin-Flex	S/C	UF	25		66623398063





The Norton bench and pedestal wheel line consists of all wheel diameters and arbor sizes, abrasive types and grit sizes. Our offering answers all metal removal, off hand deburring, shaping and sharpening needs for parts and tools: brown aluminum oxide for carbon steel, and green silicon carbide for non-ferrous metals and carbide tooling.



NORTON GEMINI ALUMINUM OXIDE

GOOD CHOICE FOR ALL GENERAL-PURPOSE BENCH AND PEDESTAL APPLICATIONS

FEATURES

- Quality, brown aluminum oxide

BENEFITS

- Economical prices; ideal for small job shops and numerous general-purpose applications



NORTON GEMINI SILICON CARBIDE

GOOD CHOICE FOR ALL GENERAL-PURPOSE BENCH AND PEDESTAL APPLICATIONS ON NONFERROUS MATERIALS AND CARBIDE TOOLING

FEATURES

- Sharp, green silicon carbide

BENEFITS

- Economical prices; ideal for small job shops and numerous general-purpose applications

TIER:
BRAND:
TRADENAME:
ABRASIVE:



GOOD

Norton

GEMINI ALUNDUM

Brown Aluminum Oxide



GOOD

Norton

GEMINI CRYSTOLON

Green Silicon Carbide

SIZE (D x T x H)	MAX. RPM	MIN./STD. PKG.	SPEC	PART NO.	SPEC	PART NO.
6 x 3/4 x 1	4,140	1/5	Coarse 36/46	07660788245	Medium 60	66252837190
			Medium 60/80	07660788240		
			Fine 100/120	07660788235		
6 x 1 x 1	4,140	1/5	Coarse 36/46	07660788260	Medium 60	66252837187
			Medium 60/80	07660788255		
7 x 1 x 1	3,600	1/5	Coarse 36/46	07660788275	Medium 60	66252942300
			Medium 60/80	07660788270		
8 x 3/4 x 1	3,600	1/5	Medium 60/80	07660788277	Medium 60	66253044087 66253044534
8 x 1 x 1	3,600	1/5	Coarse 36/46	07660788286		
			Medium 60/80	07660788285		
10 x 1 x 1-1/4	2,485	1/2	Medium 60/80	07660788290	Medium 60	66253144536
12 x 2 x 1-1/2	2,070	1/2	Coarse 36/46	66253263055	Medium 60	66253144536
			Medium 60/80	66253263056		

Bench and Pedestal Wheel Arbor Bushings

WHEEL DIAMETER	WHEEL CENTER HOLE	1/2"	5/8"	3/4"	7/8"	1"	1-1/4"
5", 6", 7"	1"	•	•	•	•		
8"	1"		•	•	•		
10"	1-1/4"			•	•	•	
12" x 2"	1-1/4"					•	
12"	1-1/2"					•	•

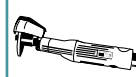
THESE SIZE BUSHINGS SHIPPED FREE OF CHARGE WITH YOUR WHEEL ORDER.

tip

- Unsecured machines can move, causing grinding breakage and injury. Fixed-based bench and pedestal grinders MUST be secured.
- Do not grind wood, plastic or any other non-metallic material on a bench or pedestal grinder.
- All bench and pedestal wheels must be dressed to prevent loading. Loading can cause excessive heat, damage to the workpiece, and wheel breakage. Dressing exposes new cutting edges and provides chip clearance.
- Recommended Starting Dressing Stick: 1 x 1 x 6 37C24-SVK Part No. 61463610462.



It is the user's responsibility to refer to and comply with ANSI B7.1



Maximize your productivity using horizontal/straight shaft grinders or right angle cup portable grinders for removing flaws, cracks, gates, risers and parting lines, smoothing weld seams, cleaning castings, and rough beveling.



NORTON BLUEFIRE SNAGGING WHEELS

BETTER CHOICE FOR STOCK REMOVAL ON HIGH AND MEDIUM HORSEPOWER GRINDERS

FEATURES

- More friable zirconia alumina grain and durable resin bond technologies
- NZC – zirconia alumina/silicon carbide

BENEFITS

- Higher metal removal rates, faster, freer-cutting than standard zirconia alumina blends
- Up to 5X the life of aluminum oxide with better grinding action
- Highly effective on dirty, scale-covered castings



NORTON CHARGER SNAGGING CONES AND PLUGS

BETTER CHOICE FOR GRINDING STEEL, STEEL ALLOYS, AND IRON

FEATURES

- Zirconia alumina/aluminum oxide abrasive blend

BENEFITS

- 2-3X life advantage over aluminum oxide with better cutting action
- Fast accurate grinding



NORTON GEMINI SNAGGING WHEELS, CONES AND PLUGS

GOOD CHOICE FOR GRINDING STEEL, STEEL ALLOYS, AND IRON

FEATURES





- Aluminum oxide abrasive

BENEFITS

- Strong performance to price relationship
- For steel, steel alloys, and iron



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SHAPE:
ABRASIVE:

	
BETTER	GOOD
NORTON BLUEFIRE	NORTON GEMINI
Type 11	Type 11
Zirconia Alumina 4NZ, Zirconia Alumina/Silicon Carbide NZC	Aluminum Oxide 57A

SIZE (D x T x H)	MAX. RPM	STD. PKG.	SPEC	PART NO.	SPEC	PART NO.
Type 11 Flaring Cup 					 	
5/3-3/4 x 2 x 5/8-11 Rim 1" Back 3/4"	7,260	10	4NZ16-QBX406	66253146918		
6/4-3/4 x 2 x 5/8-11 Rim 1-1/2" Back 3/4"	6,000	5	NZC16-QBX406	66253146922		57A16-Q 66252809618
Type 11 Flaring Cup with Steel Back 						
6/4-13/16 x 2 x 5/8-11 Rim 1-1/2" Back 3/4"	6,000	5	NZC16-QBX406	66253146929		

TIER:
TRADENAME:
ABRASIVE:

	
BETTER	GOOD
NORTON CHARGER	NORTON GEMINI
Zirconia Alumina/Aluminum Oxide	Aluminum Oxide

SIZE (D x T x H)	MAX. RPM	STD. PKG.	SPEC	PART NO.	SPEC	PART NO.
Type 16 Cones 						
1-1/2 x 3 x 5/8-11 (ME 70535)	24,190	10			57A24-R	61463622190
2 x 3 x 5/8-11 (ME 28229)	18,145	10	AZ20-R	61463614604	57A24-R	61463622218
Type 18 Plugs, Square Tip 						
2 x 3 x 5/8-11	18,145	10			57A24-R	61463622219





Norton No Risk Test Policy

Norton/Saint-Gobain is so confident of the superior performance of our abrasive products, as recommended for specific applications, that we invite in-plant tests against any other brand of abrasive product on the market.

- 1 The test will be conducted in the user's own plant, on their own machines, using their own workpieces.
- 2 Even if the user purchases only a minimum quantity of Norton abrasive products, the user will receive the same quantity discount as would apply to their normal production orders.
- 3 If the Norton product tested proves completely unsatisfactory, the user will receive a full refund.
- 4 If the Norton product tested performs at a lower level than the product presently in production, the user will receive an adjustment to make up the difference in performance.
- 5 The user is the final judge of performance!

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ALUNDUM®	FAST CUT™	NORTON DESIGN®	RESCUE RUNNER™
BEAR-TEX®	GEMINI®	NORTON SG®	RIGHT CUT™
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BLUE-BAK™	MERIT®	NORZON PLUS®	SPEED-LOK®
BLUEFIRE®	METALITE®	POWERFLEX®	THIN-FLEX™
CHARGER™	THE MUSCLE BEHIND THE MACHINE®	POWERLOCK®	VORTEX®
CLOSEKOTE®	NEON™	POWERSTRIP™	AND OTHERS
CRYSTOLON®	NO-FIL®	RAIL CUT™	
DRYICE®	NORKUT™	RAPID BLEND™	
DURITE®	NORGRIP®	RAPID CUT™	
EDGER™	NORLOK™	RAPID FINISH™	





Please contact your local EZ Choice distributor for MRO ordering and program details.

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Performance on Fire

- Proprietary zirconia alumina and premium aluminum oxide abrasive grain blend
- 2-3X the life of aluminum oxide wheels
- For light-to-heavy pressure jobs, on a wide range of materials



Flexible for Tight Spots

- Extremely thin and conformable so ideal for cleaning, blending, finishing and deburring contoured surfaces and tight spaces
- Advanced web design enhances durability for increased product life



Snag Better Performance

- New, more friable zirconia alumina grain stays sharper, longer, for higher metal removal rates than standard zirconia alumina abrasive blends
- Stay freer cutting longer, for longer wheel life on high- and medium-pressure applications



Aluminum Oxide Workhorse

- 30% + life versus competitive aluminum oxide products
- Versatility + lower initial price = the choice for small shops with stock removal to blending jobs



The RightCut for Every Application

- Now a RightCut product for every performance, price, and quantity need
- Long-lasting ultra-thin .040" to 3/32" thick wheels



Rapid Solutions for Surface Conditioning

- Replace many multistep operations with one product
- Up to 35% reduction in process time on light deburring and blending operations
- 15% + performance vs. competitive conditioning products

BEST

Highest Productivity – Lowest Total Cost

BETTER

Excellent Blend of Performance and Price

GOOD

Consistent Performance – Low Initial Price



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