




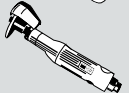


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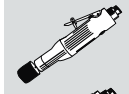

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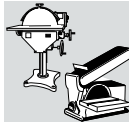
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SMALL DIAMETER REINFORCED CUT-OFF

MACHINES USED



CATEGORY DEFINITION

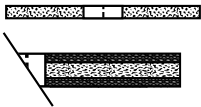
The Norton small diameter cut-off wheel line consists of Type 01, Type 01/41 straight and Type 27/42 depressed center cut-off wheels from 1-1/2" to 9" diameters. These wheels come in ultra thin .035 for quick burn-free and burr-free cutting to .125" for more durable applications. All are reinforced for the demanding nature of portable cut-off.

- APPLICATIONS:** Cutting sheet metal, cutting pipe, and metal plate dimensioning (metal fabrication)
- SIZE RANGE:** 1-1/2" - 9" diameter
- THICKNESS RANGE:** .035, .040, .045, .060, .090, and .125
- ABRASIVE GRAIN:** Ceramic Alumina/Zirconia Alumina, Zirconia Alumina/Aluminum Oxide, Aluminum Oxide, Silicon Carbide, Diamond
- SHAPE:** Type 01, Type 01/41 Straight and Type 27/42 Depressed Center

TYPE-TO-APPLICATION RECOMMENDATION GUIDE

WHEEL TYPE/THICKNESS APPLICATIONS

TYPE 01



Type 01 straight cut-off wheels are designed for traditional cut-off applications. All are supplied with full fiberglass reinforcing.



- .035, .040, 1/16
- .125

Where fast cutting and low kerf loss are desired
For tough cutting and notching applications where stability is important



TYPE 01/41 RIGHT CUT



Type 01/41 straight cut-off wheels are designed for use on right angle grinder cut-off applications. All are supplied with full fiberglass reinforcing.



90° ANGLE

- .035, .040, .045, .050, 1/16
- 3/32

Where fast cutting and low kerf loss are desired
For tough cutting and notching applications where stability is important



TYPE 27/42 RIGHT CUT



Type 27/42 cut-off wheels are designed for use on right angle grinder cut-off applications. Their depressed center shape provides a recess for the hub, which allows flush cutting. All are supplied with full fiberglass reinforcing.



90° ANGLE

- .040, .045, 1/16
- 3/32, .125

Where fast cutting and low kerf loss are desired
For tough cutting and notching applications where stability is important



HOW TO PICK THE RIGHT BOND TYPE

All Purpose	Unmarked	Where an excellent blend of cut rate and life is needed
Free Cut	FC	Where fast stock removal is needed, or the application only allows low-pressure or under-horsepowered grinders
Long Life	LL	Where durability is needed due to severe application, and when horsepower of the grinder allows heavy pressure
Contaminate Free	INOX/SS	Contain <0.1% iron, sulfur or chlorine for rust-free and corrosion-free results; will not contaminate stainless steel
Aluminum	ALU	Specially formulated bond for reduced loading/surface contamination cutting aluminum/soft materials

SMALL DIAMETER REINFORCED CUT-OFF

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
Cutting			
Mild Carbon / High Tensile Steel	Norton NorZon Plus	Norton BlueFire	Norton Metal
Stainless Steel / Alloys	Norton NorZon Plus	Norton BlueFire <i>INOX/SS</i>	Norton Gemini <i>INOX/SS</i>
Contaminate Free		Norton BlueFire <i>INOX/SS</i>	Norton Gemini <i>INOX/SS</i>
Cast Iron	Norton NorZon Plus	Norton BlueFire	Norton Gemini
Aluminum / Bronze / Brass			Norton Gemini <i>ALU</i>
Asphalt / Brick / Concrete			Norton Masonry

CROSS REFERENCE GUIDES

TYPE 01 .035 - .125 CUT-OFF WHEELS FOR DIE GRINDERS

	TOTAL PERFORMANCE		INITIAL PRICE			SPECIALTY	
NORTON	BEST NorZon Plus	BETTER BlueFire	GOOD Gemini <i>Free Cut</i>	Gemini	Metal	GOOD Gemini <i>INOX</i>	
Brilliant	—	Brill-Max ZA	—	—	Safe-Tex FC, LL	—	
Bullard	—	ZA46T, ZA60T	TA36T	TA46T, TA60T	A36T, A60T Comp.	—	
Camel	—	ZA60-TBF	A36 RBF	A60 RBF	Fast Cut RBF	—	
Flexovit	Flexon Fast Cut A46, 60	—	High Perf Fast Grind A36	High Perf Fast Cut A36, 46, 60	—	—	
Pearl	—	SRT, Zirconia	—	Premium	Silver Line	—	
Pferd	—	—	—	—	PSF-A	—	SG-A-R-INOX
Sait	Saittech	—	A60S	A24R, A36T, A60T	—	—	—
Spedecut	—	—	—	—	A46, 60 TBXX	—	—
Walter	—	—	A24 ZIP	A60 ZIP	—	—	—

TYPE 01/41 AND TYPE 27/42 .035 - .125 CUT-OFF WHEELS FOR RIGHT ANGLE GRINDERS

	TOTAL PERFORMANCE				INITIAL PRICE			SPECIALTY		
NORTON	BEST NorZon Plus <i>Free Cut</i>	NorZon Plus	BETTER BlueFire <i>Free Cut</i>	BlueFire	GOOD Gemini <i>Free Cut</i>	Gemini	Metal	GOOD Gemini <i>ALU</i>	Gemini <i>INOX/SS</i>	Masonry
Brilliant	—	—	—	—	Brill-Blade Extra FC	Brill-Blade Heavy Duty	Hornet Stinger	—	—	—
Bullard	—	—	—	ZA60T	SGA60U	TA46T, TA60T, TA60U	A46T, A60T Comp.	AL46N	—	C24R
Camel	—	—	—	ZA Quickie Cut	A36-S-BF	Super Quickie Cut	Quickie Cut	A46 Quickie Cut	A60-T-BF, WA60R Quickie Cut	—
Flexovit	—	—	—	—	Razorblade A60SST	Razorblade A24T, 30V, 36T	—	Razorblade A30Q	—	C30U
Metabo	—	—	—	A 60 XP Super Slicer	—	A 60 TX Slicer-Plus	A 60 TZ Slicer	—	—	—
Pearl	—	—	—	Redline Max Slimcut	—	Slimcut	Slimcut Pro-V, Silverline	—	—	—
Pferd	—	—	—	SGP-ZA-Q-INOX	—	SG-A-S, SGP-A-T	PSF-A-P	S-G-N-ALU	SG-A-R-INOX, SGP-A-S-INOX	SG-C-R
Sait	—	Saittech	—	Z-tech	SAIT.M.X	A60S	—	A46N	XA46R	—
SpedeCut	—	—	—	—	—	—	A46, 60 TBXX	—	—	—
Walter	—	—	—	—	A-30-ZIP	A-60-ZIP	—	A-60-ZIP-ALU	A60-SS-ZIP	C-30-ZIP

SMALL DIAMETER REINFORCED CUT-OFF

MACHINES USED



FEATURED PRODUCTS



EXPANDED OFFERING

NORTON NORZON PLUS CUT-OFF / RIGHTCUT

BEST CHOICE FOR HIGHEST PRODUCTIVITY FOR STEEL, STAINLESS STEEL AND ALL FERROUS METALS

FEATURES

- Norton SG (ceramic alumina) / NorZon (zirconia alumina) grain combination
- Highly-advanced bond system
- RightCut right angle grinder wheels

BENEFITS

- Fastest cutting wheel available on the market, up to 3X faster cutting versus aluminum oxide
- 3X – 10X life versus aluminum oxide wheels on carbon steel, stainless and cast iron
- Noticeably longer life and faster cut rate
- Less pressure required for first cut



NORTON BLUEFIRE CUT-OFF / RIGHTCUT

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

FEATURES

- A blend of R&D advanced chemistry and shaped zirconia alumina abrasive and premium aluminum oxide grain
- RightCut right angle grinder wheels

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
- Noticeably longer life and faster cut rate
- Less pressure required for first cut



IMPROVED

NORTON GEMINI CUT-OFF / RIGHTCUT

GOOD, VERSATILE CHOICE FOR STEEL AND FERROUS METALS

FEATURES

- Quality, versatile aluminum oxide
- Gemini Contaminate-Free **INOX/SS**
- .045 ultra-thin Gemini RightCut right angle grinder Type 01/41 straight and T27/42 depressed center cut-off wheels

BENEFITS

- Consistent performance at a competitive price
- Contain <0.1% iron, sulfur or chlorine for rust-free and corrosion-free results; will not contaminate stainless steel
- Precise cutting; more stability and a narrower pass
- Up to 70% longer life and 20% faster cut rate than standard aluminum oxide wheels – for substantial savings
- Require less pressure, providing increased operator comfort



NORTON METAL CUT-OFF / RIGHTCUT

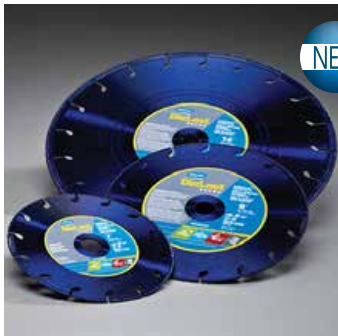
GOOD CHOICE FOR GRINDING ALLOYS, METALS, STEELS, AND FERROUS METALS

FEATURES

- Quality aluminum oxide
- Low initial cost per wheel

BENEFITS

- Consistent performance at a competitive price
- Ideal for on-site and small-unit jobs



NEW

NORTON DIALAST DIAMOND CUT-OFF

BEST FOR PIPE, TUBING, CAST IRON, CARBON AND MILD STEEL AND CERAMIC APPLICATIONS

FEATURES

- A combination of high-quality diamond and advanced brazed single-layer bonding technology
- Environmentally friendly grinding

BENEFITS

- Extra-long life vs. conventional abrasives or other vacuum-brazed diamond tools
- Retains the diamond grains and wheel shape for full life with low spark, while keeping a continuous grinding depth
- Less blade changes reduce downtime and labor costs
- Generate minimal dust

SMALL DIAMETER REINFORCED CUT-OFF

MACHINE USED



AVAILABILITY

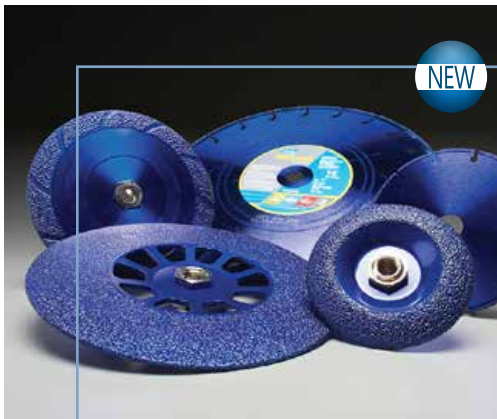
					
TIER:	BEST	BETTER	GOOD	GOOD	GOOD
TRADENAME:	NORTON DIALAST	NORTON CHARGER	NORTON GEMINI	NORTON METAL	NORTON MASONRY
SHAPE:	Type 01	Type 01	Type 01	Type 01	Type 01
ABRASIVE:	Diamond	Zirconia Alumina/ Aluminum Oxide	Aluminum Oxide	Aluminum Oxide	Silicon Carbide
MATERIAL:	STAINLESS	STEEL/METAL	STEEL/METAL	STEEL/METAL	MASONRY

SIZE (D x T x H)	MAX. RPM	STD. PKG.	PART #	PART #	PART #	PART #	PART #
Type 01 – Circular Saw							
6 x .035 x 5/8	10,185	25			66252809714		
6 x .060 x 5/8	10,185	25			66252809718		
6-1/2 x .125 x DM-5/8	9,405	10				07660789098	07660789089
7 x .060 x 5/8	8,730	25			66252905957		
7 x .060 x 7/8	8,730	1	70184694055				
7 x .125 x DM-5/8	8,730	25				07660789097	07660789088
8 x .060 x 5/8	7,640	25		66253017771 LL	66253007025		
	7,640	10			66253017795		
8 x 1/8 x DM-5/8	7,640	10				07660789096	07660789086
9 x .060 x 7/8	6,600	1	70184694056				

DM DENOTES DIAMOND MOUNT; 5/8" HOLE BUSHINGS INCLUDED

WHEEL DESCRIPTION CODES

BLANK = ALL PURPOSE	FC = FREE CUT	INOX/SS = CONTAMINANT FREE	LL = LONG LIFE
■ = MASONRY	■ = STAINLESS	■ = STEEL / METAL	



Dialast Diamond: Introducing The Last Cut-Off and Depressed Center Wheels Standing!

Metal working demands tools that will cut or grind fast, throw a minimum of spark, and above all, LAST.

The new Norton DiaLast diamond cutting and grinding wheels give the operator everything needed to get the job done right, the very first time:

- Right angle grinder, circular saw, and chop saw blades for cutting steel, metal studs, stainless steel, nonferrous materials, tile, brick, plastic, and much more.
- DiaLast depressed center cutting and grinding wheels are an excellent choice on steel, cast iron, ductile pipe, tubing, and metal plate when high stock removal is desired

To learn more, see DiaLast depressed center (page 12) and cut-off wheel Features and Benefits (page 20).