




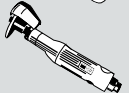


## MACHINE INDEX


### RIGHT ANGLE/VERTICAL SHAFT PORTABLE GRINDERS

	Depressed Center Grinding Wheels, Notchers, . . . . .	8-17
	Saucers and Type 29 Wheels	
	Right Angle Grinder Reinforced Cut-off Wheels, . . . . .	22-23
	Type 01 and Type 27	
	Coated Abrasive Fiber Discs . . . . .	68-73
	Coated Abrasive Flap Discs . . . . .	74-80
	Coated Abrasive Paper Discs . . . . .	81-91
	Coated Abrasive Film and Foam Finishing Discs . . . . .	92-93
	Flexible Diamond PSA & Quick-Change Discs . . . . .	97
	Coated Abrasive Quick-Change Discs . . . . .	98-106
	Non-Woven Depressed Center Wheels . . . . .	172-175
	Non-Woven Discs . . . . .	176-185
	Non-Woven Abrasive Brushes . . . . .	187
	Wire Brushes . . . . .	210


### HORIZONTAL/STRAIGHT SHAFT PORTABLE GRINDERS

	Small Diameter Reinforced Cut-off	18-21
	Wheels (1-1/2"-6" wheels)	
	Cones and Plugs . . . . .	38, 40
	Snagging Straight Wheels . . . . .	38-39
	Mounted Points . . . . .	46-50
	Coated Abrasive Flap Wheels with	143
	Arbor Holes (3-1/2"-5" wheels)	
	Non-Woven Disc Wheels . . . . .	186
	Non-Woven Unified Wheels . . . . .	190-194
	Non-Woven Flap Wheels . . . . .	201-203
	Wire Brushes . . . . .	210

### RIGHT ANGLE/VERTICAL SHAFT PORTABLE CUP GRINDERS

	Snagging Cup Wheels . . . . .	38-39
	Wire Cup Brushes . . . . .	208-209


### PORTABLE CIRCULAR SAWS

	Circular Saw Reinforced Cut-off Wheels . . . . .	24
-------------------------------------------------------------------------------------	--------------------------------------------------	----

### HAND-HELD GAS OR ELECTRIC SAWS

	High Speed Reinforced Cut-off Wheels . . . . .	25-26
	Rail Reinforced Cut-off Wheels . . . . .	27


### WALK-BEHIND SAWS

	Reinforced Cut-off Wheels . . . . .	28
	Wire Brushes . . . . .	210

### CHOP SAW MACHINES

	Chop Saw Reinforced Cut-off Wheels . . . . .	29-31
-------------------------------------------------------------------------------------	----------------------------------------------	-------


### STATIONARY CHOP STROKE MACHINES

	Large Diameter Reinforced Cut-off Wheels . . . . .	32
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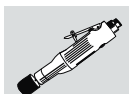
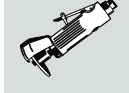
### FLEXIBLE SHAFT MOTORS

	Non-Woven Rapid Strip Wheels . . . . .	190-191
	Non-Woven Unified Wheels . . . . .	190-194



### DRILLS

	Small Diameter Reinforced Cut-off Wheels . . . . .	18-21
	(2" and 3" wheels with mandrel)	
	Coated Abrasive Small Diameter Flap Wheels . . . . .	136-142
	Sand-O-Flex Wheels . . . . .	147
	Non-Woven Surface Stripping & Unified Wheels . . . . .	190-194


### DIE AND PENCIL GRINDERS

	Mounted Points . . . . .	46-50
	Coated Abrasive Small Diameter Flap Wheels	136-143, 146
	Coated Abrasive Specialties . . . . .	148-162
	Non-Woven Disc Wheels . . . . .	186
	Non-Woven Flap Wheels (2"-4" wheels) . . . . .	201-202
	Non-Woven Surface Stripping and	190-194
	Unified Wheels (1"-4" wheels)	
	Wire Brushes . . . . .	210-211


### BENCH AND PEDESTAL GRINDERS

	Vitrified Bench and Pedestal Wheels . . . . .	43-45
	Coated Abrasive Large Diameter Flap Wheels . . . . .	143-146
	Sand-O-Flex Wheels . . . . .	147
	Non-Woven Discs (6"-12" discs) . . . . .	186
	Non-Woven Unified Wheels (6" wheels) . . . . .	190-194
	Non-Woven Convolute Wheels (6"-14" wheels) . . . . .	195-198
	Non-Woven Flap Wheels (6"-8" wheels) . . . . .	201, 203
	Wire Brushes . . . . .	209


### ORBITAL SANDERS

	Coated Abrasive Paper Discs . . . . .	81-91
	Film and Foam Finishing Discs . . . . .	92-93
	Coated Abrasive Small Diameter Cloth PSA Discs . . . . .	94-95
	Flexible Diamond PSA Discs . . . . .	97

### JITTERBUG SANDERS

	Coated Abrasive Sheets and Rolls . . . . .	107-115
	Non-Woven Rolls . . . . .	188-189

### STATIONARY DISC SANDERS

	Coated Abrasive Large Diameter Cloth	94, 96
	PSA Discs (10"-24" discs)	

### PORTABLE FILE BELT SANDERS

	Coated Abrasive File Belts . . . . .	119-121, 133
	Non-Woven File Belts . . . . .	199-200

### PORTABLE BELT SANDERS

	Coated Abrasive Portable Belts . . . . .	122-123
	Non-Woven Portable Belts . . . . .	199-200


### IN-LINE DRUM SANDERS

	Coated Abrasive Portable Belts . . . . .	122-123
	Non-Woven Portable Belts . . . . .	199-200


### BENCHSTAND GRINDERS

	Coated Abrasive Benchstand Belts . . . . .	124-129, 134-135
	Non-Woven Benchstand Belts . . . . .	199-200


### BACKSTAND BELT GRINDERS

	Coated Abrasive Backstand Belts . . . . .	124-125, 129, 134-135
	Non-Woven Backstand Belts . . . . .	199-200

### HAND FINISHING APPLICATIONS

	Sharpening Stones and Rubbing Bricks . . . . .	51-65
	Coated Abrasive Paper Discs . . . . .	91
	Coated Abrasive Sheets, Rolls and Sponges . . . . .	107-117
	Flexible Diamond Hand Pads . . . . .	118
	Non-Woven Hand Pads, Rolls and Sponges . . . . .	188-189
	Wire Brushes . . . . .	211
	Micro-Fiber Cloths, Masking Tape . . . . .	212-213

### SANDING BOARDS

	Sanding Boards and Coated Abrasive File Strips . . . . .	111
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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	
<b>TYPE 01</b> 	<b>Type 01 straight cut-off wheels are designed for traditional cut-off applications. All are supplied with full fiberglass reinforcing.</b>	
.035, .040, 1/16	Where fast cutting and low kerf loss are desired	■
.125	For tough cutting and notching applications where stability is important	■
<b>TYPE 01/41 RIGHT CUT</b> 	<b>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.</b>	
.035, .040, .045, .050, 1/16	Where fast cutting and low kerf loss are desired	■
3/32	For tough cutting and notching applications where stability is important	■
<b>TYPE 27/42 RIGHT CUT</b> 	<b>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.</b>	
.040, .045, 1/16	Where fast cutting and low kerf loss are desired	■
3/32, .125	For tough cutting and notching applications where stability is important	■

### HOW TO PICK THE RIGHT BOND TYPE

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

## SMALL DIAMETER REINFORCED CUT-OFF

### MACHINES USED



### MATERIAL-TO-PRODUCT RECOMMENDATION GUIDE

	<b>BEST</b> HIGHEST PRODUCTIVITY LOWEST TOTAL COST	<b>BETTER</b> EXCELLENT BLEND OF PERFORMANCE & PRICE	<b>GOOD</b> CONSISTENT PERFORMANCE LOW INITIAL PRICE
<b>Cutting</b>			
Mild Carbon / High Tensile Steel	Norton NorZon Plus	Norton BlueFire	Norton Metal
Stainless Steel / Alloys	Norton NorZon Plus	Norton BlueFire <b>INOX/SS</b>	Norton Gemini <b>INOX/SS</b>
Contaminate Free		Norton BlueFire <b>INOX/SS</b>	Norton Gemini <b>INOX/SS</b>
Cast Iron	Norton NorZon Plus	Norton BlueFire	Norton Gemini
Aluminum / Bronze / Brass			Norton Gemini <b>ALU</b>
Asphalt / Brick / Concrete			Norton Masonry

### CROSS REFERENCE GUIDES

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

	TOTAL PERFORMANCE		INITIAL PRICE			SPECIALTY
<b>NORTON</b>	<b>BEST</b> NorZon Plus	<b>BETTER</b> BlueFire	<b>GOOD</b> Gemini <i>Free Cut</i>	<b>Gemini</b>	<b>Metal</b>	<b>GOOD</b> Gemini <b>INOX</b>
<b>Brilliant</b>	—	Brill-Max ZA	—	—	Safe-Tex FC, LL	—
<b>Bullard</b>	—	ZA46T, ZA60T	TA36T	TA46T, TA60T	A36T, A60T Comp.	—
<b>Camel</b>	—	ZA60-TBF	A36 RBF	A60 RBF	Fast Cut RBF	—
<b>Flexovit</b>	Flexon Fast Cut A46, 60	—	High Perf Fast Grind A36	High Perf Fast Cut A36, 46, 60	—	—
<b>Pearl</b>	—	SRT, Zirconia	—	Premium	Silver Line	—
<b>Pferd</b>	—	—	—	—	PSF-A	SG-A-R-INOX
<b>Sait</b>	Saittech	—	A60S	A24R, A36T, A60T	—	—
<b>Spedecut</b>	—	—	—	—	A46, 60 TBXX	—
<b>Walter</b>	—	—	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		
<b>NORTON</b>	<b>BEST</b> NorZon Plus <i>Free Cut</i>	NorZon Plus	<b>BETTER</b> BlueFire <i>Free Cut</i>	BlueFire	<b>GOOD</b> Gemini <i>Free Cut</i>	<b>Gemini</b>	<b>Metal</b>	<b>GOOD</b> Gemini <b>ALU</b>	<b>Gemini</b> <b>INOX/SS</b>	<b>Masonry</b>
<b>Brilliant</b>	—	—	—	—	Brill-Blade Extra FC	Brill-Blade Heavy Duty	Hornet Stinger	—	—	—
<b>Bullard</b>	—	—	—	ZA60T	SGA60U	TA46T, TA60T, TA60U	A46T, A60T Comp.	AL46N	—	C24R
<b>Camel</b>	—	—	—	ZA Quickie Cut	A36-S-BF	Super Quickie Cut	Quickie Cut	A46 Quickie Cut	A60-T-BF, WA60R Quickie Cut	—
<b>Flexovit</b>	—	—	—	—	Razorblade A60SST	Razorblade A24T, 30V, 36T	—	Razorblade A30Q	—	C30U
<b>Metabo</b>	—	—	—	A 60 XP Super Slicer	—	A 60 TX Slicer-Plus	A 60 TZ Slicer	—	—	—
<b>Pearl</b>	—	—	—	Redline Max Slimcut	—	Slimcut	Slimcut Pro-V, Silverline	—	—	—
<b>Pferd</b>	—	—	—	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
<b>Sait</b>	—	Saittech	—	Z-tech	SAIT.M.X	A60S	—	A46N	XA46R	—
<b>SpedeCut</b>	—	—	—	—	—	—	A46, 60 TBXX	—	—	—
<b>Walter</b>	—	—	—	—	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

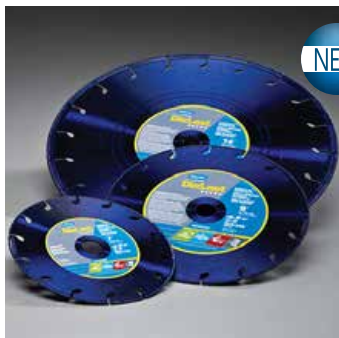
GOOD CHOICE FOR GRINDING ALLOYS, METALS, STEELS, AND FERROUS METALS

##### 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

### MACHINES USED



### AVAILABILITY

TIER:	<b>BEST</b>	<b>BETTER</b>	<b>BETTER</b>	<b>GOOD</b>	<b>GOOD</b>	<b>GOOD</b>
TRADENAME:	<b>NORTON NORZON PLUS</b>	<b>NORTON BLUEFIRE</b>	<b>NORTON A60-0BNA2</b>	<b>NORTON GEMINI</b>	<b>NORTON GEMINI LONG LIFE</b>	<b>NORTON METAL</b>
SHAPE:	Type 01	Type 01	Type 01	Type 01	Type 01	Type 01
ABRASIVE:	Ceramic Alumina/ Zirconia Alumina	Zirconia Alumina/ Aluminum Oxide	Aluminum Oxide	Aluminum Oxide	Aluminum Oxide	Aluminum Oxide
MATERIAL:	<b>STAINLESS</b> <b>STEEL/METAL</b>	<b>STAINLESS</b> <b>STEEL/METAL</b>	<b>STAINLESS</b> <b>STEEL/METAL</b>	<b>STAINLESS</b> <b>STEEL/METAL</b>	<b>STAINLESS</b> <b>STEEL/METAL</b>	<b>STAINLESS</b> <b>STEEL/METAL</b>

SIZE (D x T x H)	MAX. RPM	STD. PKG.	PART #	PART #	PART #	PART #	PART #	PART #	PART #
<b>.035", .040", .060", 1/16" and .125" Type 01 – Cut-off</b>									
1-1/2 x .035 x 1/16	40,745	25			66243427764				
1-1/2 x .035 x 1/8	40,745	25			66243427831				
1-1/2 x .035 x 1/4	40,745	25			66243427875				
2 x .035 x 1/8	30,560	25				66243411392	<b>FC</b>		
2 x .035 x 1/4	30,560	25			66243428014	66243411393	<b>FC</b>		
2 x .035 x 3/8	30,560	25				66243411394	<b>FC</b>		
2 x .060 x 1/8	30,560	25			66243428041				
2 x 1/16 x 1/4	30,560	25			66243427993	66243411395	<b>FC</b>		
2 x 1/16 x 3/8	30,560	25				66243411396	<b>FC</b>		
2 x .125 x 1/4	30,560	25				66243411402	<b>FC</b>		
2 x .125 x 3/8	30,560	25				66243411403	<b>FC</b>		
2-1/2 x .035 x 1/8	30,560	25			66243528476				
2-1/2 x .035 x 1/4	30,560	25			66243528425				
2-1/2 x 1/16 x 1/4	30,560	25				66243510640	<b>FC</b>		
2-1/2 x 1/16 x 3/8	30,560	25				66243510641	<b>FC</b>		
3 x .035 x 1/4	25,465	25	66243510668		66243528573	66243510627	<b>FC</b>		
	25,465	25*	66243531753 5-Pk						
3 x .035 x 3/8	25,465	25	66243510669	66252843174	66243528574	66243510628	<b>FC</b>	66243537271	<b>LL</b>
	25,465	25*	66243534828 5-Pk	66243534821 5-Pk					07660789451
3 x 1/16 x 1/4	25,465	25	66243510670		66243528471	66243510645	<b>FC</b>	66243510649	<b>LL</b>
3 x 1/16 x 3/8	25,465	25	66243510671	66252843175	66243528552	66243510647	<b>FC</b>	66243510648	<b>LL</b>
	25,465	25	66243510835 <b>LL</b>						
	25,465	25*							07660747767 5-Pk
	25,465	100							07660789012
	25,465	1							66252843624 5-Pk with Mandrel
3 x .125 x 1/4	25,465	25				66243510650	<b>FC</b>	66243510652	<b>LL</b>
3 x .125 x 3/8	25,465	25	66243510673			66243510651	<b>FC</b>	66243510653	<b>LL</b>
4 x .035 x 1/4	15,300	25			66243529606				07660789384
	19,100	25				66243510629	<b>FC</b>		
4 x .035 x 3/8	19,100	25	66243510675	66252843173	66243529621	66243510630	<b>FC</b>	66243537273	<b>LL</b>
	19,100	250							07660789453
4 x .035 x 1/2	19,100	25			66243529622				66252836496 250-Pk
4 x .035 x 3/4	19,100	25			66243529609				
4 x .040 x 3/8	19,100	25			66243529516				
4 x 1/16 x 1/4	19,100	25	66243510676			66243510654	<b>FC</b>		
4 x 1/16 x 3/8	19,100	25	66243510677	66252843171		66243510655	<b>FC</b>	66243510657	<b>LL</b>
4 x 1/16 x 5/8	19,100	100			66243527827 FabTech				
	19,100	100			66243527826 FabTech <b>LL</b>				
4 x .125 x 1/4	19,100	25				66243510658	<b>FC</b>		
4 x .125 x 3/8	19,100	25	66243510841	66252843172		66243510659	<b>FC</b>	66243510661	<b>LL</b>
	19,100	25	66243510680 <b>LL</b>						
5 x .035 x 3/8	12,225	25			66252830653				
6 x .035 x 3/8	10,185	25			66252835064				
6 x .035 x 1/2	10,185	25			66252835053				
6 x .035 x 5/8	10,185	25			66252835054				
8 x 1/16 x 5/8	7,640	25		66253017771 <b>LL</b>		66252809714			
	7,640	10				66253007025			
						66253017795			
Drill Mount Mandrel		5							07660747769+

+ FOR MOUNTING 2" AND 3" x 3/8" HOLE CUT-OFF WHEELS ON TO A DRILL.  
 \* 5-WHEEL JOB PACKS: WHEELS ARE PACKED 5 WHEELS/PACK, WITH 5 JOB PACKS/CARTON. ORDER PER EACH WHEEL IN STANDARD PACKAGE QUANTITIES OF 25. ORDER IN MULTIPLES OF 25.  
 • BULK PACKED 250/CARTON; 5 INNER BOXES OF 50 WHEELS EACH. ORDER IN MULTIPLES OF 250 WHEELS.

WHEEL DESCRIPTION CODES			
<b>BLANK</b> = ALL PURPOSE	<b>FC</b> = FREE CUT	<b>INOX/SS</b> = CONTAMINANT FREE	<b>LL</b> = LONG LIFE
<b>■</b> = MASONRY	<b>■</b> = STAINLESS	<b>■</b> = STEEL / METAL	