




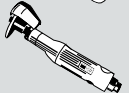


MACHINE INDEX


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
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STATIONARY CHOP STROKE MACHINES

	Large Diameter Reinforced Cut-off Wheels	32
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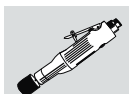
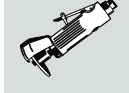
FLEXIBLE SHAFT MOTORS

	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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CHOP SAW REINFORCED CUT-OFF

MACHINE USED



CATEGORY DEFINITION

A chop saw is a light, low-horsepower portable machine. Although very similar to a compound miter saw, it is designed for cutting denser materials, like metal bar, tubing or pipe. Chop saw cut-off wheels are designed specifically for this machine with finer grit, softer grades, and reinforcement layers that match the application.

APPLICATIONS:	Cutting small-diameter metal pieces, bar stock, metal pipe, tubing, decking, cable, drywall studs, and metal plate dimensioning
SIZE RANGE:	10" - 16" diameter
THICKNESS RANGE:	7/64"
ABRASIVE GRAIN:	Zirconia Alumina/Aluminum Oxide Blend, Aluminum Oxide, Silicon Carbide
SHAPE:	Type 01 Straight
REINFORCEMENT TYPE:	Side reinforced, centrally reinforced

CROSS REFERENCE GUIDE

	TOTAL PERFORMANCE			INITIAL PRICE			SPECIALTY		
NORTON	BETTER BlueFire Free Cut	BlueFire Rapid Cut	BlueFire Long Life	GOOD Gemini Free Cut	Gemini Rapid Cut	Gemini Long Life	GOOD Stud Cutter	Gemini Aluminum	Masonry
Brilliant	—	—	—	Super-G	Tube/Pipe	—	Drywall Stud	Aluminum	—
Bullard	ZA36T	—	—	TA36T A46T The Competitor	A36R The Competitor	A36R Ironmaster	A46T Studmaster	AL36R	—
Camel	—	—	ZA24-S	A36-P, WA36-P	—	A36-S	A30-R Mr. Stud	A30-N	—
Dewalt	—	—	XP	GP, Stainless Fabrication	—	—	Stud Cutting	—	—
Flexovit	—	—	—	A30R Fast Cut A30-Q Free Cut	—	A30S Long Life	A30T Drywall Stud	—	—
Makita	—	—	—	—	General Purpose	—	—	—	—
Pearl	SRT36	—	—	A36P Premium	A30P Silver Line	—	A46S Stud Cutting	—	—
Pferd	—	—	—	A 36 K SG CHOP	PSF CHOP	—	A 36 K SG-STUD	—	C 36 K SG-CHOP
Sait	Saitech Steel Worker	Z-tech	—	EZ-Chop	EZ-Chop Attacker	Iron Worker	Stud King	Aluminum	—
Walter	—	—	—	—	A-30	A-30-HC+	—	A30-ALU	—

APPLICATION-TO-PRODUCT RECOMMENDATION GUIDE

WHEEL TYPE/REINFORCEMENT

TYPE 01 STRAIGHT SIDE REINFORCED CUT-OFF WHEEL



Side reinforced wheels have two full layers of reinforcing and are designed for a fast cut and the most aggressive applications. All Purpose, Free Cut, and Long Life are side reinforced.

TYPE 01 STRAIGHT CENTRALLY REINFORCED CUT-OFF WHEEL



Centrally reinforced wheels have a single layer of reinforcing with exposed rough sides for free-cutting, non-binding applications where minimal burr and burn are the key requirements. Rapid Cut wheels are centrally reinforced.

HOW TO PICK THE RIGHT BOND TYPE

All Purpose	Unmarked	Where an excellent blend of cut rate and life is needed
Free Cut	FC	Used when fast, burn-free cutting is desired or when cutting pieces with larger cross sections
Long Life	LL	Where durability is needed due to severe application, and when cutting parts with small cross sections
Rapid Cut	RC	Where a free cutting, non-binding wheel is needed for burn-free and burr-free cuts
High-Performance	STUD	High-performance aluminum oxide/resin bond combination designed for cleaner cuts and longer life when cutting steel studs
Aluminum	ALU	Specially formulated bond for reduced loading/surface contamination when cutting aluminum/soft materials

CHOP SAW REINFORCED CUT-OFF

MACHINE USED



FEATURED PRODUCTS



NORTON BLUEFIRE CHOP SAW REINFORCED CUT-OFF WHEELS

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

FEATURES

- Durable zirconia alumina / premium aluminum oxide abrasive blend
- Free Cut: side reinforced
- Long Life: side reinforced
- Rapid Cut: centrally reinforced, rough sides

BENEFITS

- 2X the life and cut rate of aluminum oxide
- 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



NORTON GEMINI CHOP SAW REINFORCED CUT-OFF WHEELS

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

FEATURES

- Free Cut: side reinforced
- Long Life: side reinforced
- Rapid Cut: centrally reinforced, rough sides
- Aluminum: specially formulated bond for aluminum and other soft, nonferrous metals; no wax or rubber fillers

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
- Free cutting; resist loading
- No surface contamination



NORTON METAL STUD CUTTER CHOP SAW REINFORCED CUT-OFF WHEELS

GOOD CHOICE FOR DRYWALL STUDS

FEATURES

- Stud Cutter: thin, side-reinforced; with high-performance aluminum oxide abrasive

BENEFITS

- Designed specifically for cutting steel studs



NEW

NORTON DIALAST DIAMOND CHOP SAW REINFORCED CUT-OFF WHEELS

DESIGNED FOR CUTTING STEEL, METAL STUDS, STAINLESS STEEL, NONFERROUS MATERIALS, TILE, BRICK, PLASTIC AND MUCH MORE

FEATURES

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

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
- Makes the blade environmentally-friendly when cutting indoors or out

CHOP SAW REINFORCED CUT-OFF

MACHINE USED



AVAILABILITY

									
TIER:			BEST	BETTER	BETTER	GOOD	GOOD	GOOD	GOOD
TRADENAME:			NORTON DIALAST	NORTON BLUEFIRE	NORTON BLUEFIRE	NORTON GEMINI	NORTON GEMINI	NORTON METAL	NORTON MASONRY
SHAPE:			Type 01	Type 01	Type 01	Type 01	Type 01	Type 01	Type 01
ABRASIVE:			Diamond	Zirconia Alumina/ Aluminum Oxide	Zirconia Alumina/ Aluminum Oxide	Aluminum Oxide	Aluminum Oxide	Aluminum Oxide	Silicon Carbide
REINFORCING:				Side	Central	Side	Central	Side	Side
MATERIAL:				STAINLESS	STAINLESS	STAINLESS	STAINLESS	STAINLESS	
			STAINLESS	STEEL/METAL	STEEL/METAL	STEEL/METAL	STEEL/METAL	STEEL/METAL	MASONRY
SIZE (D x T x H)	MAX. RPM	STD. PKG.	PART #	PART #	PART #	PART #	PART #	PART #	PART #
Type 01 Straight Cut-off									
10 x 7/64 x 1	6,110	10				66253106109 LL			
12 x 7/64 x 1	5,095	10		66252843250		66253207554 LL	66253214561 RC		
	5,095	5						07660789400	
14 x 3/32 x 1	4,365	10				66253306627 FC	66253313588 RC	66252835554	
	4,365	10				66253306626 LL		07660789405 STUD	
	4,365	5						07660789399	
14 x 7/64 x 1	4,365	10		66252843252 FC	66252843254 RC				
	4,365	10		66252843253 LL					
	4,365	25							
	4,365	10						07660703970 5 Pk	
14 x .155 x 1	5,400	1	70184694053			66253314816 ALU			07660789402
16 x 3/32 x 1	3,820	10				66253410198 LL			
16 x 7/64 x 1	3,820	10		66252843256 FC					
	3,820	10		66252843257 LL					

CUT-OFF WHEEL DESCRIPTION CODES

BLANK = ALL PURPOSE	ALU = ALUMINUM	FC = FREE CUT	LL = LONG LIFE	RC = RAPID CUT	STUD = STUD CUTTER
 = MASONRY	 = STAINLESS	 = STEEL / METAL			

