



NORZON PLUS

Charger

Gemini



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 O1 Straight
- REINFORCEMENT TYPE:** Side reinforced, centrally reinforced

CROSS REFERENCE GUIDE

	TOTAL PERFORMANCE ←			INITIAL PRICE →			← SPECIALTY →		
	BETTER			GOOD			GOOD		
NORTON	Charger Fast Cut	Charger Rapid Cut	Charger Long Life	Gemini Fast Cut	Gemini Rapid Cut	Gemini Long Life	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 O1 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, Fast Cut, and Long Life are side reinforced.

TYPE O1 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
Fast Cut	FC	Used when fast 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



FEATURED PRODUCTS



CHARGER CHOP SAW REINFORCED CUT-OFF WHEELS

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

FEATURES

- Zirconia alumina/aluminum oxide abrasive blend
- Fast 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



GEMINI CHOP SAW REINFORCED CUT-OFF WHEELS

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

FEATURES

- Fast 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



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

AVAILABILITY



TIER:

BETTER

BETTER

GOOD

GOOD

GOOD

GOOD

TRADENAME:

CHARGER

CHARGER

GEMINI

GEMINI

METAL

MASONRY

SHAPE:

Type 01

Type 01

Type 01

Type 01

Type 01

Type 01

ABRASIVE:

Zirconia Alumina/
Aluminum Oxide

Zirconia Alumina/
Aluminum Oxide

Aluminum Oxide

Aluminum Oxide

Aluminum Oxide

Silicon Carbide

REINFORCEMENT:

Side

Central

Side

Central

Side

Side

MATERIAL:

STAINLESS
STEEL / METAL

STAINLESS
STEEL / METAL

STAINLESS
STEEL / METAL

STAINLESS
STEEL / METAL

STAINLESS
STEEL / METAL

MASONRY

SIZE (D X T X H)	MAX. RPM	STD. PKG.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.
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	66253207552		66253207554	LL	66253214561	RC
14 x 7/64 x 1	4,365	10	66253306624	FC	66253309614	RC	66253306627	FC
			66253306625	LL			66253306626	LL
							66253314816	ALU
		10					07660789405	STUD
		25					07660703970	
		5						07660789402
16 x 7/64 x 1	3,820	10	66253410196	FC			66253410198	LL
			66253410197	LL				

DEPRESSED CENTER DESCRIPTION CODES

FC = FAST CUT

LL = LONG LIFE

RC = RAPID CUT

ALU = ALUMINUM

STUD = STUD CUTTER

■ = STAINLESS

■ = STEEL / METAL

■ = MASONRY