

Reinforced Cut-off Wheels for Portable Machines

Premier Red Reinforced Ceramic Alumina/Zirconia Alumina Abrasive Blend

Features

- An exclusive blend of high-performance ceramic alumina and zirconia alumina abrasives
- Advanced grain and bond technology
- 1/32" & .035 thick – fastest initial cut rate
- 1/16" thick
- 1/8" & 3/16" thick – exceptional control
- Smaller blotters

Benefits

- Up to 50% added wheel life
- Up to 5 times the life versus A/O wheels on carbon steel, cast iron, stainless steel and exotic metals
- Substantially longer wheel life; fastest cut rate
- Minimum kerf loss
- For demanding applications
- Longest lasting
- Faster, freer cutting

Ideal for cutting all types of stainless steel and steel alloys.



PART NO.	WHEEL SIZE	GRADING	MAX. RPM	WHEELS/BOX
For Stainless Steel/Metal				
05539503861	3 x 1/32 x 3/8	MZ60-T	25,445	50
05539503863	3 x 1/16 x 3/8	MZ36-T	25,445	50
05539504270	3 x 3/16 x 3/8	MZ36-T	25,445	50

continued

PART NO.	WHEEL SIZE	GRADING	MAX. RPM	WHEELS/BOX
For Stainless Steel/Metal (continued)				
05539503507	4 x .035 x 3/8	MZ60-T	19,100	25
05539503508	4 x 1/16 x 3/8	MZ36-T	19,100	25
05539503509	4 x 1/8 x 3/8	MZ36-T	19,100	25

Gold Reinforced Aluminum Oxide Abrasive

Features

- Aluminum oxide abrasive
- Resin bond
- High-strength, reinforced construction
- BFTK - side reinforced, rough sides
- BFW - side reinforced, rough sides

Benefits

- Fast cut rate
- Free cutting action
- Burn-free cutting
- Long life
- Resists breakage and provides straight cutting
- Maximum cut rate; minimum kerf loss
- Versatile, durable free cutting

For cutting off ferrous metals, alloy steels and cast iron.



PART NO.	WHEEL SIZE	GRADING	MAX. RPM	WHEELS/BOX
For Steel/Metal				
05539509277	2 x .035 x 1/4	A60-OBFTK	30,560	25
05539509276	2 x .035 x 3/8	A60-OBFTK	30,560	25

continued

PART NO.	WHEEL SIZE	GRADING	MAX. RPM	WHEELS/BOX
For Steel/Metal (continued)				
05539509275	2 x 1/16 x 1/4	A36-TBFW	30,560	25
05539509269	3 x .035 x 1/4	A60-OBFTK	25,445	25
05539509268	3 x .035 x 3/8	A60-OBFTK	25,445	25
05539509267	3 x .060 x 1/4	A60-OBFTK	25,445	25
05539509266	3 x .060 x 3/8	A60-OBFTK	25,445	25
05539509265	3 x 1/16 x 1/4	A36-TBFW	25,445	25
05539509264	3 x 1/16 x 1/4	A60-TBFW	25,445	25
05539509263	3 x 1/16 x 3/8	A36-TBFW	25,445	25
05539509262	3 x 1/16 x 3/8	A60-TBFW	25,445	25
05539509261	3 x 1/8 x 1/4	A36-TBFW	25,445	25
05539509260	3 x 1/8 x 3/8	A36-TBFW	25,445	25
05539509258	4 x .035 x 1/4	A60-OBFTK	19,100	25
05539509257	4 x .035 x 3/8	A60-OBFTK	19,100	25
05539509255	4 x 1/16 x 1/4	A36-TBFW	19,100	25
05539509254	4 x 1/16 x 3/8	A36-TBFW	19,100	25
05539509252	4 x 1/8 x 3/8	A36-TBFW	19,100	25

Troubleshooting Guide

PROBLEM	POSSIBLE CAUSES	CORRECTION
NON-SQUARE CUTS	WORK NOT CLAMPED PROPERLY MISALIGNED SPINDLE BEARINGS POOR COOLANT DISTRIBUTION WHEEL IS TOO HARD	CHECK CLAMP AND CLEAN TO REMOVE SWarf CHECK FOR BEARING TRUTH AND ALIGNMENT ENSURE EQUAL VOLUME OF COOLANT TO EACH WHEEL SIDE USE SOFTER ACTING WHEEL - SOFTER GRADE/FINER GRIT
WORKPIECE BURN	INSUFFICIENT FEED RATE POOR COOLANT FLOW WHEEL IS TOO COARSE WHEEL IS TOO HARD WHEEL IS RUNNING OUT WHEEL SPEED IS TOO SLOW	WORK MACHINE TO MAXIMUM POWER AVAILABLE INCREASE VOLUME AND DIRECT AT CUTTING POINT USE FINER WHEEL OR MORE MACHINE POWER USE SOFTER GRADE WHEEL CHECK SPINDLE AND FLANGES ENSURE TIGHT FLANGES AND MAXIMUM SPEED MARKED ON WHEEL BEING USED
POOR FINISH	TOO MUCH BURR WHEEL TOO COARSE	USE FINER GRIT OR SOFTER WHEEL USE FINER GRIT



BONDED ABRASIVES

Reinforced Cut-off Wheels for Portable Circular Saws

Reinforced Aluminum Oxide Abrasive

Features

- Aluminum oxide abrasive
- Resin bond
- High-strength, reinforced construction

Benefits

- Fast cut rate
- Burn-free cutting
- Long life
- Resists breakage and provides straight cuts

Used on hand-held portable circular saws to cut steel and all types of metals.



PART NO.	WHEEL SIZE	GRADING	MAX. RPM	WHEELS/BOX
For Steel/Metal				
Fast Cut				
05539509243	7 x 1/16 x 5/8	A36-TBFW	8,730	10
05539509240	7 x 3/32 x D.M.	A24-T	8,730	20
05539509238	8 x 1/16 x 5/8	A36-TBFW	7,640	10
For Stainless Steel				
05539509249	7 x 3/32 x 5/8	A36-XBFW	8,730	10

Cut-off Wheel Competitive Cross Reference

CARBORUNDUM	FLEXOVIT	METABO	SAIT	3M	WALTER
FOR SMALL STRAIGHT OR IN-LINE PORTABLE GRINDERS (2" - 4")					
PREMIER RED	FLEXON	-	SAITECH	GREEN CORPS	-
GOLD	A46T/A36-R	A 60 TZ	A36T/A24R	-	A24-ZIP, A60-ZIP
FOR RIGHT ANGLE GRINDERS (4" - 9")					
PREMIER REDCUT	-	-	SAITECH .045	-	A30-ZIP
GOLDCUT	RAZORBLADE	SLICER	0.045	-	A30-ZIP
CARBO METAL	-	SLICER	-	-	-
FOR CIRCULAR SAWS (7" - 8")					
METAL	A36TB38	A 30 S	-	-	A30-ZIP
FOR PORTABLE GAS OR ELECTRIC SAWS (12" - 16")					
GOLD METAL	A24TB	A 24 N	BRUTE	-	A24 PORTACUT
GOLD CONCRETE	AC24SB	C 24 N	C24R	-	C24 PORTACUT
GOLD DUCTILE	AC24SB	AC 24 R	DUCTILE	-	-
FOR STATIONARY SAWS (10" - 20")					
PREMIER RED	-	-	-	-	-
GOLD FAST CUT	A30RB	A 30 R	A24N	-	A24-FC RIPCUT
GOLD LONG LIFE	A30SB	A 30 N	A24R	-	A24-RIP
FOR CHOP SAWS (10" - 16")					
PREMIER RED FAST CUT	-	-	SAITECH STEEL WORKER-	-	-
PREMIER RED LONG LIFE	-	-	-	-	-
GOLD FAST CUT	A30RB	A 30 R	EZ-CHOP	-	A30 CHOPCUT II
GOLD LONG LIFE	A30SB	A 30 S	IRON WORKER	-	A30-HC CHOPCUT
CARBORUNDUM	DEWALT	CONTINENTAL	MAKITA	PEARL	TYROLIT
FOR CHOP SAWS (14")					
CARBO METAL	COMPARABLE TO COMPETITIVE BRANDS' GENERAL PURPOSE LINES				