



# when it really counts

## ANGLE GRINDERS ACCESSORIES



# Boost performance with

For Highest Performance, Productivity and Safety:

## THE GRINDER ADVANTAGE

"Quick" Toolless Wheel Change System



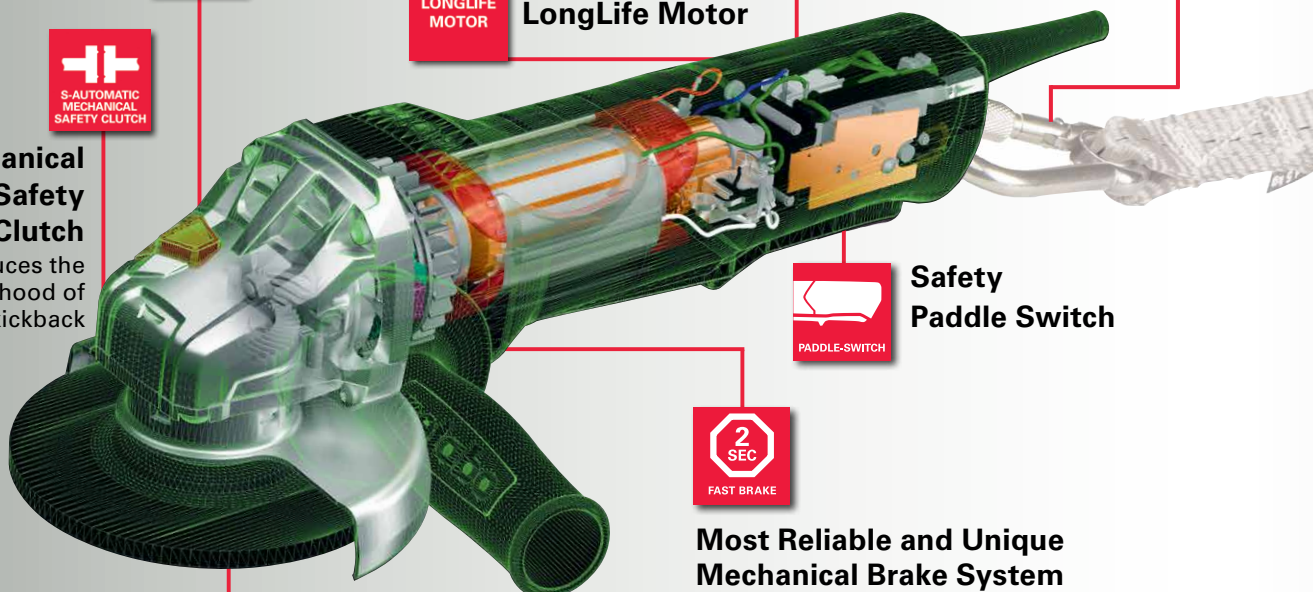
**Mechanical Safety Clutch**  
Reduces the likelihood of kickback



**Speed Control Electronics**  
+ **User Safety Protections**  
+ **Overload Protection**

**LONG LIFE MOTOR**  
**Most Powerful LongLife Motor**

**Drop Secure Ring**



**Safety Paddle Switch**



**Most Reliable and Unique Mechanical Brake System**

**MADE IN GERMANY**



**50% Vibration Reduction System**

*The Right Grinder for the Job*

**W 9 Series**  
8.5 Amps

**W 12 Series**  
10.5 Amps

**WE 15 Series**  
13.5 Amps

**WE 17 Series**  
14.5 Amps

**HEAVY DUTY**

**SUPER DUTY**

**EXTREME DUTY**

# “The Metabo System”

Pair Metabo Angle Grinders and Abrasives

**HEAVY  
DUTY**

Fast and reliable results

**SUPER  
DUTY**

Longer life, improved productivity

**EXTREME  
DUTY**

Unstoppable, unmatched productivity

## BOOST PERFORMANCE WITH METABO OPTIMIZED SYSTEMS

**HIGH POWER  
GRINDERS**

LONG LIFE  
MOTOR



3-AUTOMATIC  
MECHANICAL  
SAFETY CLUTCH



**MADE IN GERMANY**

Metabo abrasives are optimized to perform best with Metabo Grinders

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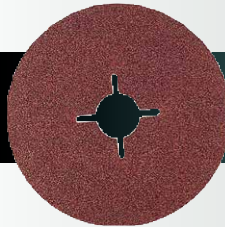
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# Metabo Cutting Wheels



Order number  
Dimensions  
Size  
Max. Speed recommended  
Formulation

Application

## Manufacturing standard

### Safety guide

- Use ear protection
- Use safety rated glasses
- Use dust mask
- Use protective gloves
- Do not use on a bench grinder
- Do not use for grinding
- Limitations of usage

## Product specifications

### Specification:

The combination of letters and numbers is the genetic code of the grinding wheel.

### Abrasive:

- A Aluminium Oxide
  - For general processing of metal
- ZA Zirconia Alumina
  - Special discs for metal processing
- C Silicon carbide
  - For processing stone
- CA Ceramic
  - Special discs for processing stainless steel and metal

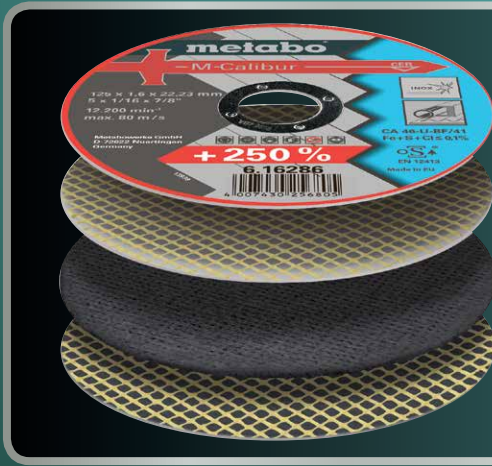
### Grit

The higher the number, the finer the grit. We use grain sizes of 16 – 60 for cutting and grinding discs:  
16 – 24 coarse  
30 – 60 medium

### Hardness

The hardness of a grinding tool is coded alphabetically:

ABC ... NOP ... RST ... Z  
Very soft Soft hard Very hard



Disc label with all **product and safety information**

Fiberglass fabric for **more safety** during the cutting process

Mixture with high-quality **corundum, filler materials and phenolic resins**

Additional fiber glass fabric for **even more safety**

## HEAVY DUTY

Fast and reliable results

### Original Slicer

Fast, cool cutting,  
burr free



## SUPER DUTY

Longer life, improved productivity

### Slicer-Plus

Fast cutting,  
long life,  
most versatile



## EXTREME DUTY

Unstoppable, unmatched productivity

### Ceramic Cutting

Extremely fast,  
longest life,  
toughest  
conditions,  
lowest total cost



# CUTTING WHEELS

HEAVY DUTY

SUPER DUTY

EXTREME DUTY



## Type 1 and 27 Cutting Wheels

NOTE: Numbers in parenthesis ( ) are for when Type 27 wheel specs are different

HEAVY DUTY



TYPE 1 Order #      TYPE 27 Order #      Size      Max. RPM      Pcs/Pkg

### Original - A60TZ - Steel / Stainless Steel

- Aluminum oxide wheel for steel and other ferrous metals. Extremely fast rate of cut. Good wheel life. Flexibility for flush cutting.

TYPE 1 Order #	TYPE 27 Order #	Size	Max. RPM	Pcs/Pkg
655331000	655346000	4 1/2 x .040 (.045) x 7/8	15,000 (13,300)	100 (50)
655334000	655353000	5 x .040 (.045) x 7/8	12,225	50
655999000		6 X .040 X 3/8	14,000	50
655338000		6 X .040 X 5/8	10,200	50
655339000	655347000	6 x .040( .045) x 7/8	10,200	50



### Original - A30R - Steel

- Aluminum oxide general purpose wheel for heavier working conditions for steel and other ferrous metals. Very fast rate of cut. Good wheel life.

TYPE 1 Order #	TYPE 27 Order #	Size	Max. RPM	Pcs/Pkg
655733000		5 X 1/16 x 7/8	12,225	50
616732000	616310000	5 X 3/32 x 7/8	12,300	25



### Long Life - A36XL / A60XL - Steel / Stainless Steel

- Engineered aluminum oxide wheel for long life in tough applications: thin wall pipe/tube, as well as solids.

TYPE 1 Order #	TYPE 27 Order #	Size	Max. RPM	Pcs/Pkg
655332000 (A60XL)	655349000 (A60XL)	4 1/2 x .045 (1/16) x 7/8	15,000 (13,300)	100 (50)
655335000 (A60XL)	655355000 (A60XL)	5 x .045 (1/16) x 7/8	12,225	50
655344000 (A60XL)	655350000 (A60XL)	6 x .045 (1/16) x 7/8	10,200	50
655342000 (A60XL)		6 X 1/16 X 5/8	10,200	25

SUPER DUTY



### Plus - A60TX - Steel / Stainless Steel

- Heavy duty performance on stainless steel applications.

TYPE 1 Order #	TYPE 27 Order #	Size	Max. RPM	Pcs/Pkg
655997000	655351000	4 1/2 x .045 x 7/8	15,000 (13,300)	50
655993000	655357000	5 x .045 x 7/8	12,225	50
655998000	655352000	6 x .045 x 7/8	10,200	50



### Super - A60XP - Steel / Stainless Steel

- Contaminant free, heavy duty wheel for steel and stainless steel applications with a long wheel life.

TYPE 1 Order #	TYPE 27 Order #	Size	Max. RPM	Pcs/Pkg
655994000	655897000	4 1/2 x .045 x 7/8	15,000 (13,300)	50
655992000	655898000	5 x .045 x 7/8	12,225	50
655995000	655899000	6 x .045 x 7/8	10,200	50

## Ceramic Type 1 and 27 Cutting Wheels

Contaminant Free < 0.1% Iron, Sulfur and Chlorine

**EXTREME  
DUTY**



TYPE 1 Order #	TYPE 27 Order #	Size	Max. RPM	Pcs/Pkg
<b>M-Calibur - CA46U - Steel / Stainless Steel / High Tensile Alloy</b>				
Contaminant free, extreme heavy duty ceramic wheel for steel and stainless steel. Extremely long wheel life.				
US616280000	US616272000	4 1/2 X .045 X 7/8	13,300	25
US616285000		4 1/2 X 1/16 X 7/8	13,300	25
US616283000	US616273000	5 X .045 X 7/8	12,200	25
US616286000		5 X 1/16 X 7/8	12,200	25
US616284000	US616274000	6 X .045 X 7/8	10,200	25
US616287000		6 X 1/16 X 7/8	10,200	25

**SUPER  
DUTY**



## Type 1 and 27 Cutting Wheels for Aluminum

TYPE 1 Order #	TYPE 27 Order #	Size	Max. RPM	Pcs/Pkg
<b>Plus-Alu - A46N - Aluminum</b>				
■ Heavy duty speciality wheel for enhanced performance on aluminum.				
655811000	655821000	4-1/2 X .040 X 7/8	13,000	50
655812000	655822000	5 X .040 X 7/8	12,300	50
655813000	655823000	6 X .040 X 7/8	10,200	50
655814000	655824000	7 X .040 X 7/8	8,500	50

**HEAVY  
DUTY**



## Type 1 Cutting Wheels for Circular Saws

Order #	Size	Max. RPM	Pcs/Pkg
<b>Original - A30S - Steel / Stainless Steel</b>			
■ Aluminum oxide wheels for steel, other ferrous metals and rail track. Good rate of cut. Longer wheel life.			
616331420	6 X 1/8 X 5/8 DM	10,200	25
616333000	7 X 1/8 X 5/8 DM	8,500	10



### Original - C30S - Masonry / Non-Ferrous

■ Silicon carbide general purpose wheel for stone, concrete, cast iron, ductile iron, masonry materials, non-ferrous metals, brass, bronze, etc. Good rate of cut. Good wheel life.

616334000	7 X 1/8 X 5/8 DM	8,500	10
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**SUPER  
DUTY**



## Type 27 Cutting Wheels and Speciality Wheels

Order #	Size	Max. RPM	Pcs/Pkg
<b>Original - A30R - Steel</b>			
■ Aluminum oxide general purpose wheel for heavier working conditions for steel and other ferrous metals. Very fast rate of cut. Good wheel life.			
US616727000	4-1/2 X 3/32 X 7/8	13,300	25
655727000	4-1/2 X 3/32 X 5/8-11	13,300	25
616310000	5 X 3/32 X 7/8	12,300	25
655310000	5 X 3/32 X 5/8-11	12,300	25
US616313000	6 X 1/8 X 7/8	10,200	25
655313000	6 X 1/8 X 5/8-11	10,200	25
616300000	7 X 1/8 X 7/8	8,500	10
655300000	7 X 1/8 X 5/8-11	8,500	10
616302000	9 X 1/8 X 7/8	6,600	10
655302000	9 X 1/8 X 5/8-11	6,600	10

### Plus - A46TZ - Steel / Stainless Steel

■ Aluminum oxide general purpose wheel for steel and other ferrous metals. Aggressive cut. Excellent wheel life.

655801000	7 X 1/16 X 7/8	8,500	10
655802000	7 X 1/16 X 5/8-11	8,500	10
655797000	9 X 1/16 X 7/8	6,600	10
655799000	9 X 1/16 X 5/8-11	6,600	10

**HEAVY  
DUTY**



### Original - C30S - Masonry / Non-Ferrous

■ Silicon carbide general purpose wheel for stone, concrete, cast iron, ductile iron, masonry materials, non-ferrous metals, brass, bronze, etc. Good rate of cut. Good wheel life.

655303000	9 x 1/8 x 5/8-11	6,600	10
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### Type 27 Pipeline Grinding/Notching/Cutting Wheels

Order #	Size	Max. RPM	Pcs/Pkg
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**HEAVY DUTY**



#### Long Life - A24T - Steel / Stainless Steel

- Aluminum oxide general purpose wheel for steel and other ferrous metals. Extremely long wheel life.

616281420	4-1/2 X 1/8 X 7/8	13,300	25
655281000	4-1/2 X 1/8 X 5/8-11	13,300	25
655287000	5 X 1/8 X 7/8	12,200	25
655288000	5 X 1/8 X 5/8-11	12,200	25
655285000	6 X 1/8 X 7/8	10,200	25
655282000	7 X 1/8 X 5/8- 11	8,500	10
655284000	9 X 1/8 X 5/8- 11	6,600	10

**SUPER DUTY**



#### Plus-Z - ZA24T - Steel / Stainless Steel

- Zirconia alumina wheels for steel and stainless steel applications. Very aggressive stock removal. Extremely long wheel life.

655792000	4-1/2 X 1/8 X 5/8-11	13,300	25
616794420	6 X 1/8 X 7/8	10,200	25
655794000	6 X 1/8 X 5/8-11	10,200	25
655795000	7 X 1/8 X 5/8-11	8,500	10



### Type 27 Combinator: Cutting & Grinding with the Same Wheel

Order #	Size	Max. RPM	Pcs/Pkg
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**HEAVY DUTY**



#### Combinator - A46U - Steel/Stainless Steel

- Aluminum oxide, **contaminant free** for stainless steel and other ferrous metals. Extremely long wheel life, and fast cut.

616500420	4-1/2 X 5/64 X 7/8	13,300	25
616501420	5 X 5/64 X 7/8	12,300	25
616502420	6 X 5/64 X 7/8	10,200	25



### Type 1 Cutting Wheels for Chop Saws

Order #	Size	Max. RPM	Pcs/Pkg	Formula	Wheel
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**HEAVY DUTY**



#### Original - A24M

- Aluminum oxide wheels for general purpose use on steel and other ferrous metals larger chop saw applications. Excellent rate of cut. Good wheel life.

#### Original - A30P

- Aluminum oxide wheels constructed with a single internal reinforcement and an aggressive cool cutting formulation best for cutting smaller diameter metals or metal studs.

#### Original Long Life - A30R

- Aluminum oxide wheels for general purpose use on steel and other ferrous metals. Good rate of cut. Good wheel life.

#### Original Long Life - A30S

- Aluminum oxide wheels specially formulated for dry wall stud applications. Good rate of cut. Good wheel life.

616340000	14 X 3/32 X 1	4,300	10	A24M	Original
655236000	14 X 3/32 X 1 Internal Reinforced	4,300	10	A30P	Original
616215000	16 X 3/32 X 1	3,820	10	A24M	Original
616337420	12 X 3/32 X 1	5,100	10	A30R	Original Long Life
616146000	14 X 3/32 X 1	4,300	10	A30S	Original Long Life
US616338000	14 X 3/32 X 1	4,300	10	A30R	Original Long Life



## Type 1 Cutting Wheels for High Speed Saws

**HEAVY  
DUTY**



Order #	Size	Max. RPM	Pcs/Pkg	Formula	Wheel
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### Original - A24N

- Aluminum oxide wheels general purpose for steel and other ferrous metals. Fast rate of cut. Good wheel life.

### Original Long Life - A30S

- Aluminum oxide wheels for steel, other ferrous metals and rail track. Good rate of cut. Longer wheel life.

### Original - C24N

- Silicon carbide general purpose wheel for stone, concrete, cast iron, ductile iron, masonry materials, non-ferrous metals, brass, bronze, plastic, etc. Fast rate of cut. Good wheel life.

### Plus - AC24R

- Aluminum oxide and Silicon carbide combination wheel specially formulated for ductile iron. Excellent rate of cut. Excellent wheel life. Smooth and chatter free cutting.

US616136000	12 X 1/8 X 20mm	6,400	10	A24N	Original
616159000	14 X 1/8 X 1	5,400	10	C24N	Original
616140000	14 X 1/8 X 20mm	5,460	10	A24N	Original
616160000	14 X 1/8 X 20mm	5,460	10	C24N	Original
616149000	14 X 1/8 X 1	5,400	10	AC24R	Plus
616142000	14 X 1/8 X 20mm	5,460	10	AC24R	Plus

655172000 Reduced bushing from 1" to 20mm

## Type 1 Cutting Wheels for Stationary Saws

**HEAVY  
DUTY**



Order #	Size	Max. RPM	Pcs/Pkg	Formula	Wheel
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### Original - A30N

- Aluminum oxide wheels are specially formulated for high powered tools to cut steel and other ferrous metals. Excellent rate of cut. Good wheel life

### Original Long Life - A30R

- Aluminum oxide wheels specially formulated for high powered tools to cut steel and other ferrous metals. Fast rate of cut. Longer wheel life.

### Original Long Life - A30S

- Aluminum oxide wheels for steel, other ferrous metals and rail track. Good rate of cut. Longer wheel life.

### Plus - A30V

- Aluminum oxide wheels are specially formulated for high powered tools to cut steel and other ferrous metals. Good rate of cut. Excellent wheel life.

616365000	20 X 3/16 X 1	4,800	5	A30N	Original
616203000	14 X 1/8 X 1	4,400	10	A30S	Original Long Life
616366000	20 X 3/16 X 1	3,000	5	A30R	Original Long Life
616367000	20 X 3/16 X 1	3,000	5	A30V	Plus

# Angle Grinder Accessories

## SHROUDS



**626732000**  
5" Convertible shroud for concrete grinding. Fits all Metabo W9, 12, 15, 17, 19 series grinders



Dustless convertible shroud for concrete surface prep  
**655154000** For all current large angle grinders W 24 / W 26  
**655153000** For all current small angle grinders W 9 / W 12 / W 15 / W 17



**626731000**  
CED 125 Plus Anti-Static Shroud for concrete cutting with guide rail



**628216000**  
Dustless Tuck Point Guard Fits small angle grinders, W 9/W 12/W 15/W 17



**631166000** for 7" Max. cutting depth 1-5/8"  
**631167000** for 9" Max. cutting depth 2-5/8". Extraction guards for cutting stone, concrete, masonry Fit Large angle grinders, W 22 / W 24 / W 26 versions

## GUARDS



Quick-clip on type 1 cutting guard  
**630351000** - 4 1/2"  
**630352000** - 5"  
**630353000** - 6"  
Fits W9, W/WP/WPB12, W1200, WE/WEP/WEPBA15, WEV1500, WE/WEP/WEPBA17 series grinders



Type 1 steel cut-off wheel guard

4 1/2" **US339203030**  
5" **US339203040**  
6" **US339203050**  
7" **630383000** (For WEPBA 19 & WPB 36)  
7" **630356000** (For W 24 MVT series)  
9" **630357000** (For W 24 / W 26 MVT series)  
9" **630363000** (For WPB 36 only)  
(Does not fit W 750/W 850/W 1100/W 1200/W 1500)



Cup wheel guard and flange for mounting 4" - 6" Type 11 cup wheels on 7" - 9" angle grinders  
Guards: **655174000** - 4"/5", **655178000** - 6".  
Mounting flange **US90357006**



**623276000** Cup wheel guard for mounting 3 1/8" Type 6 cup wheels on 4 1/2" - 6" angle grinders

## ADAPTOR KITS AND SPANNER WRENCH



**655039000** Adaptor kit for 7" - 9" Type 27 wheels w/o hub.  
**655052000** replacement nut



**US655038000** Adaptor kit for diamond blades on 7" - 9" grinders



**623934000** Straight  
**623910000** Offset



**630327000** hand guard for use on all polishers, angle sanders and grinders

## HANDLES



**627362000** Multiple Position Bar  
The 180 degree bar allows for infinite adjustment of the side handle



**US630342000** Loop handle for 7" - 9" angle sander & grinders  
**141110390** bolts to attach loop handle (2 required), sold separately



**623262000** Loop handle for small grinders  
Fits W/WP9, WE/WEV/WEVF 10, W/WP/WPB 12, WE/WEV/WEF/WEFP/WEPBF 15, WEP/WEPBA 17 grinders

## BACKING PADS



Flexible backing pads for using abrasive discs on angle sanders and grinders.  
**623279000** - 4 1/2" w/ M14-2.0 nut  
**623283000** - 4 1/2" w/ 5/8-11 nut  
**623284000** - 5" w/ 5/8-11 nut  
**623281000** - 7" w/ 5/8-11 nut  
**623282000** - 9" w/ 5/8-11 nut

## DUST PROTECTION FILTERS



**630709000**  
Lock-on switch models



**630792000**  
Paddle switch models



**630719000**  
Rat-tail models

Fits W12-XXX through WEPBA17-XXX grinders

# Metabo Grinding Wheels



## HEAVY DUTY

Fast and reliable results

## SUPER DUTY

Longer life, improved productivity

## EXTREME DUTY

Unstoppable, unmatched productivity

### Original

High removal rate



### Plus-Z Grind

Aggressive high stock removal rate, long life, cool grinding, most versatile



### Ceramic M-Calibur

Extreme removal, longest life, lowest total cost





Available in a wide range of sizes; 3" to 9" diameter in Type 27 depressed center wheels.



### Type 27 Depressed Center Grinding Wheels Steel, Stainless Steel

Order #	Size	Max. RPM	Pcs/Pkg
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**HEAVY DUTY**



#### Original - A24N - Steel

■ Aluminum oxide general purpose wheel for grinding steel and other ferrous metals in normal working conditions. High stock removal. Good wheel life.

US616745000	4 X 1/4 X 5/8	15,300	25
US616726000	4-1/2 X 1/4 X 7/8	13,300	25
655726000	4-1/2 X 1/4 X 5/8-11	13,300	25
655730000	5 X 1/4 X 5/8-11	12,200	25
US616730000	5 X 1/4 X 7/8	12,200	25
US616554000	6 X 1/4 X 7/8	10,200	25
655554000	6 X 1/4 X 5/8-11	10,200	25
US616560000	7 X 1/4 X 7/8	8,500	25
655560000	7 X 1/4 X 5/8-11	8,500	10
US616572000	9 X 1/4 X 7/8	6,600	25
655572000	9 X 1/4 X 5/8-11	6,600	10

**HEAVY DUTY**



#### Long Life - A24R - Steel

■ Aluminum oxide general purpose wheel for grinding steel and other ferrous metals in normal working conditions. High stock removal. Long wheel life.

616339420	4 X 1/4 X 3/8	15,300	25
616330000	4 X 1/4 X 5/8	15,300	25
616307000	4-1/2 X 1/4 X 7/8	13,300	25
655307000	4-1/2 X 1/4 X 5/8-11	13,300	25
616308000	5 x 1/4 x 7/8	12,200	25
655308000	5 X 1/4 X 5/8-11	12,200	25
616319000	6 X 1/4 X 7/8	10,200	25
655319000	6 X 1/4 X 5/8-11	10,200	25
616782000	7 X 1/4 X 7/8	8,500	10
655782000	7 X 1/4 X 5/8-11	8,500	10
616784000	9 X 1/4 X 7/8	6,600	10
655784000	9 X 1/4 X 5/8-11	6,600	10

**SUPER DUTY**



#### Plus-Z - ZA24T - Steel / Stainless Steel

■ Zirconia alumina wheels for steel and stainless steel applications. Very aggressive stock removal. Extremely long wheel life.

616785000	4-1/2 X 1/4 X 7/8	13,300	25
655785000	4-1/2 X 1/4 X 5/8-11	13,300	25
616787000	6 X 1/4 X 7/8	10,200	25
655787000	6 X 1/4 X 5/8-11	10,200	25
655788000	7 X 1/4 X 5/8-11	8,500	10
655789000	9 X 1/4 X 5/8-11	6,600	10



## Type 27 Grinding Wheels for Stainless Steel

Contaminant Free < 0.1% Iron, Sulfur and Chlorine

Order #	Size	Max. RPM	Pcs/Pkg
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**SUPER  
DUTY**



### Super - A360 - Steel / Stainless Steel / High Tensile Alloy

- **Contaminant free**, Super Duty aluminum oxide wheel specially formulated for harder metals such as stainless steel. Good stock removal. Good wheel life.

616739000	4-1/2 x 1/4 x 7/8	13,300	25
US616747000	5 x 1/4 x 7/8	12,200	25
US616604000	6 X 1/4 X 7/8	10,200	25
655610000	7 X 1/4 X 5/8-11	8,500	10

**EXTREME  
DUTY**



### M-Calibur - CA46U - Steel / Stainless Steel / High Tensile Alloy

- **Contaminant free**, Extreme Duty ceramic wheel for steel and stainless steel. Extremely long wheel life.

US616290000	4-1/2 x 1/4 x 7/8	13,300	10
US655290000	4-1/2 x 1/4 x 5/8-11	13,300	10
US616291000	5 x 1/4 x 7/8	12,300	10
US616292000	6 x 1/4 x 7/8	10,200	10
US655292000	6 x 1/4 x 5/8-11	10,200	10



## Type 27 Specialty Grinding Wheels

Aluminum

Order #	Size	Max. RPM	Pcs/Pkg
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**SUPER  
DUTY**



### Plus - A36M - Aluminum

- Aluminum oxide wheel formulated for aluminum grinding applications. Good stock removal. Good wheel life. Non clogging capability.

US616748000	4-1/2 X 1/4 X 7/8	13,300	25
655748000	4-1/2 X 1/4 X 5/8- 11	13,300	25
616749000	5 X 1/4 X 7/8	12,200	25
US616754000	6 X 1/4 X 7/8	10,200	25

# CUP WHEELS



## Type 6 Cup Wheels for Angle Grinders



Order #	Size	Max. RPM	Pcs/Pkg	Formula
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### A80M

- Aluminum oxide general purpose wheel for grinding steel and other ferrous metals. Good cutting rate and wheel life.

### C30N

- Silicon carbide general purpose wheel for grinding stone, concrete, ductile iron, masonry materials, non-ferrous metals (brass, bronze, etc.), and cast iron. Good stock removal. Good wheel life.

630727000	3-1/8 x 7/8 x 7/8	10,750	1	A 80 M
630728000	3-1/8 x 7/8 x 7/8	10,750	1	C 30 N



## Type 11 Cup Wheels with Steel Backs for Angle Grinders



Order #	Size	Max. RPM	Pcs/Pkg	Formula
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### A16Q

- Aluminum oxide general purpose wheel for grinding steel and other ferrous metals. High stock removal. Good wheel life.

### C16N

- Silicon carbide general purpose wheel for grinding stone, concrete, ductile iron, masonry materials, non-ferrous metals (brass, bronze, etc.) and cast iron. High stock removal. Good wheel life.

### ZA16

- Zirconia alumina for aggressive stock removal and extra long wheel life grinding steel and stainless steel.

616341119	4 x 3 x 2 x 5/8-11	9,000	10	A 16 Q
616342119	4 x 3 x 2 x 5/8-11	9,000	10	C 16 N
616343119	5 x 4 x 2 x 5/8-11	7,200	10	A 16 Q
616345119	6 x 4-3/4 x 2 x 5/8-11	6,000	10	A 16 Q
616347119	6 x 4-3/4 x 2 x 5/8-11	6,000	10	ZA 16 T



See our full-line catalog or [metabo.com](http://metabo.com) for abrasives for tight spaces

# Metabo Flap Discs



## HEAVY DUTY

Fast and reliable results

## SUPER DUTY

Longer life, improved productivity

## EXTREME DUTY

Unstoppable, unmatched productivity

### Original Flapper

Fast stock removal,  
one step blending  
and finishing



### Flapper Plus

Aggressive stock  
removal,  
long life,  
most versatile,  
one step blending  
and finishing,  
cool grinding



### Ceramic Flapper

Extreme removal rate,  
longest life,  
lowest  
total cost



# FLAP DISCS

**HEAVY DUTY**

**SUPER DUTY**

**EXTREME DUTY**



**4-1/2"**

120 grit: special order, previous design

## Original Flapper

Fast stock removal, one step blending and finishing



- Steel / Stainless
- Ferrous metal
- High performance Zirconia blend

**Contaminant Free**

Grit	7/8"		Pack	5/8"-11 (hubbed)		Pack
	Type 29	Type 27		Type 29	Type 27	
40	629405000	629467000	10	629401000	629464000	5
60	629406000	629468000	10	629402000	629465000	5
80	629407000	629469000	10	629403000	629466000	5
120	623178000		10	656455000		5

## Flapper Plus

Aggressive stock removal, long life, most versatile, one step blending and finishing, cool grinding



- Steel / Stainless
- Heat sensitive material
- Glaze resistant
- Premium Zirconia and high flap density for increased performance and longer life

**Contaminant Free**

Grit	7/8"		Pack	5/8"-11 (hubbed)		Pack
	Type 29	Type 27		Type 29	Type 27	
36	629418000	629480000	10	629408000	629470000	5
40	629419000	629481000	10	629409000	629471000	5
60	629420000	629482000	10	629410000	629472000	5
80	629421000	629483000	10	629411000	629473000	5
120	656427000	656425000	10	656428000	656426000	5

## Flapper Plus JUMBO

Based on the flapper plus technology, this exceptional wheel contains 62% more flaps for unbeatable wheel life.



**JUMBO vs. Standard**

Grit	7/8"		Pack	5/8"-11 (hubbed)		Pack
	Type 29	Type 27		Type 29	Type 27	
40	629431000	629490000	5	629425000	629487000	5
60	629432000	629491000	5	629426000	629488000	5
80	629433000	629492000	5	629427000	629489000	5
120	656429000		10			

## Ceramic Flapper

Highest performance, cool operation



- Hardened metals
- Stainless steel
- High tensile alloys
- Hastalloys
- Inconels
- Titanium
- Heat sensitive material

**Contaminant Free Ceramic Alumina**

Grit	7/8"		Pack
	Type 29	Type 27	
40	629437000	629493000	10
60	629438000	629494000	10
80	629439000	629495000	10

## Flapper Plus Trimmable



Grit	5/8"-11 (hubbed)		Pack
	Type 29	Type 27	
40	629446000	629447000	5
60	629447000	629448000	5
80	629448000		5

## Ceramic Flapper Trimmable



Grit	5/8"-11 (hubbed)		Pack
	Type 29	Type 27	
40	629455000	629456000	5
60	629456000	629457000	5
80	629457000		5

**Trimnable Flappers**

**NEW**

- Trimmable for longer life
- Increased flexibility of flap disc
- Integrated 5/8"-11 threading



5"

**Ceramic Flapper**



Grit	7/8"	
	Type 29	Pack
40	629440000	10
60	629441000	10
80	629442000	10

**Flapper Plus *Trimmable***



Grit	5/8"-11 (Hubbed)	
	Type 29	Pack
40	629449000	5
60	629450000	5
80	629451000	5

**Ceramic Flapper *Trimmable***



Grit	5/8"-11 (hubbed)	
	Type 29	Pack
40	629458000	5
60	629459000	5
80	629460000	5

6"

**Flapper Plus**



Grit	7/8"			5/8"-11 (hubbed)		
	Type 29	Type 27	Pack	Type 29	Type 27	Pack
40	629422000	629484000	10	629412000	629474000	5
60	629423000	629485000	10	629413000	629475000	5
80	629424000	629486000	10	629414000	629476000	5
120	656433000		10	656437000		5

**Ceramic Flapper**



Grit	7/8"		Pack
	Type 29	Type 27	
40	629443000	629499000	10
60	629444000	629500000	10
80	629445000	629501000	10

120 grit: special order, previous design

**Flapper Plus *Trimmable***



Grit	5/8"-11 (hubbed)	
	Type 29	Pack
40	629452000	5
60	629453000	5
80	629454000	5

**Ceramic Flapper *Trimmable***



Grit	5/8"-11 (hubbed)	
	Type 29	Pack
40	629461000	5
60	629462000	5
80	629463000	5

7"

**Original Flapper**



Grit	5/8"-11 (hubbed)	
	Type 29	Pack
40	629404000	5

**Flapper Plus**



Grit	5/8"-11 (hubbed)		
	Type 29	Type 27	Pack
40	629415000	629477000	5
60	629416000	629478000	5
80	629417000	629479000	5

**Flapper Plus *JUMBO***



Grit	5/8"-11 (hubbed)	
	Type 29	Pack
40	629428000	5
60	629429000	5
80	629430000	5

**Ceramic Flapper**



Grit	5/8"-11 (hubbed)	
	Type 29	Pack
40	629434000	5
60	629435000	5
80	629436000	5

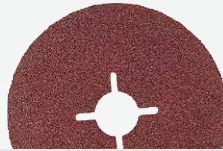
## Resin Fiber Abrasives Discs - Closed Coat

**Aluminum Oxide (A)** - General purpose disc for grinding steel and other ferrous metals. Good cutting rate and excellent life.  
**Zirconia Alumina (ZA)** - Very aggressive stock removal on steel, stainless steel and other metal applications, extremely long life, cooler grinding.  
**Ceramic Grain (CER)** - Offers extremely high removal rates and extreme longevity, especially when grinding Stainless Steels, Titanium, Inconel and Alloy Steels.

**HEAVY DUTY**

**SUPER DUTY**

**EXTREME DUTY**



	Disc Size	Aluminum Oxide		Zirconia Alumina		Ceramic Grain	
		Grit	Slotted Order #	Grit	Non-Slotted Order #	Grit	Slotted Order #
623283000 13,000 RPM	4-1/2 x 7/8	A16	624135000	ZA16			
	4-1/2 x 7/8	A24	624136000	ZA24	656350000		
	4-1/2 x 7/8	A36		ZA36	656351000	CER36	626151000
	4-1/2 x 7/8	A40	624137000	ZA40			
	4-1/2 x 7/8	A50	624144000	ZA50	656352000		
	4-1/2 x 7/8	A60	624138000	ZA60	656353000	CER60	626152000
	4-1/2 x 7/8	A80	624139000	ZA80	656354000	CER80	626153000
	4-1/2 x 7/8	A100	624140000	ZA100			
	4-1/2 x 7/8	A120	624141000	ZA120			
	4-1/2 x 7/8	A150	624142000	ZA150			
	4-1/2 x 7/8	A180	624143000	ZA180			
623284000 12,000 RPM	5 x 7/8	A16	624223000	ZA16			
	5 x 7/8	A24	624218000	ZA24	656355000	CER24	626154000
	5 x 7/8	A36		ZA36	656356000	CER36	626155000
	5 x 7/8	A40	624219000	ZA40			
	5 x 7/8	A50	624217000	ZA50	656357000		
	5 x 7/8	A60	624220000	ZA60	656358000	CER60	626156000
	5 x 7/8	A80	624221000	ZA80	656359000	CER80	626157000
	5 x 7/8	A100	624222000				
	5 x 7/8	A120	624224000				
	5 x 7/8	A150	624225000				
	5 x 7/8	A180	624226000				
623281000 8,500 RPM	7 x 7/8	A24	624103000				
	7 x 7/8	A36		ZA36	656361000	CER36	626159000
	7 x 7/8	A40	624104000	ZA40			
	7 x 7/8	A50	624102000				
	7 x 7/8	A60	624105000	ZA60	656363000	CER60	626160000
	7 x 7/8	A80	624106000	ZA80	656364000	CER80	626161000
	7 x 7/8	A100	624107000				
623282000 6,600 RPM	9 x 7/8	A24	624227000				
	9 x 7/8	A36		ZA36	656366000		
	9 x 7/8	A40	624228000				


Note: All sold in packs of 25 and backing pads with M14 arbor available.

# WIRE WHEELS AND BRUSHES


## For Small Angle Grinders


	Steel Order#	Stainless Order#	Dia.	Trim Length	Thread	Wire	Max RPM	Use on
	655207000		2-3/4"	1"	5/8"-11	.012 crimped	14,000	4"-6" grinders
	623796000	623801000	2-3/4"	3/4"	M14-2.0	.014 knotted	12,500	4"-6" grinders
		623805000	2-3/4"	3/4"	5/8"-11	.014 knotted	12,500	4"-6" grinders
	623804000		2-3/4"	3/4"	5/8"-11	.020 knotted	12,500	4"-6" grinders
	655200000	655201000	2-3/4"	1"	5/8"-11	.020 knotted	14,000	4"-6" grinders
	655203000		3-1/2"	1-1/4"	5/8"-11	.014 crimped	12,000	4"-6" grinders
		655205000	3-1/2"	1-1/4"	5/8"-11	.014 knotted	12,000	4"-6" grinders
	655202000	655204000	3-1/2"	7/8"	5/8"-11	.023 knotted	13,000	4"-6" grinders

	Steel Order#	Stainless Order#	Dia. x Face	Trim Length	Thread	Wire	Max RPM	Use on
	655137000	655138000	4" x 3/16"	7/8"	5/8"-11	.020 knotted	20,000	4"-6" grinders
	655136000	655221000	4" x 3/8"	7/8"	5/8"-11	.020 knotted	20,000	4"-6" grinders
	655215000		4" x 1/2"	7/8"	5/8"-11	.014 knotted	20,000	4"-6" grinders
	655227000		4" x 1/2"	7/8"	5/8"-11	.014 crimped	14,000	4"-6" grinders
	655228005	655231005	4-1/2" x 3/16"	13/16"	5/8"-11	.020 knotted	12,500	4.5"-6" grinders
	655229005	655232005	5" x 3/16"	7/8"	5/8"-11	.020 knotted	12,500	5"-6" grinders
	655230005	655233005	5" x 1/2"	7/8"	5/8"-11	.023 knotted	12,500	5"-6" grinders

	Steel Order#	Stainless Order#	Dia. x Face	Trim Length	Thread	Wire	Max RPM	Use on
	655234000	655235000	4" x 3/8"	3/4"	5/8"-11	.020 knotted	12,500	4"-6" grinders

## For Large Angle Grinders

	Steel Order#	Dia.	Trim Length	Thread	Wire	Max RPM	Use on
	655209000	4"	1-3/8"	5/8"-11	.014 crimped	9,000	7"-9" grinders
	623765000	4"	1-1/8"	5/8"-11	.023 knotted	9,000	7"-9" grinders
	655211000	6"	1-1/4"	5/8"-11	.014 crimped	6,600	7"-9" grinders
	655210000	6"	1-3/8"	5/8"-11	.023 knotted	6,600	7"-9" grinders

	Steel Order#	Stainless Order#	Dia. x Face	Trim Length	Thread	Wire	Max RPM	Use on
	655134000	655218000	6" x 5/16"	1-3/8"	5/8"-11	.023 knotted	9,000	7"-9" grinders
	655133000		6-7/8" x 3/16"	1-1/4"	5/8"-11	.020 knotted	9,000	7"-9" grinders

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