



when it really counts

ANGLE GRINDERS ACCESSORIES



metabo[®]
PROFESSIONAL POWER TOOL SOLUTIONS

Boost performance with

For Highest Performance, Productivity and Safety:

THE GRINDER ADVANTAGE

"Quick" Toolless Wheel Change System



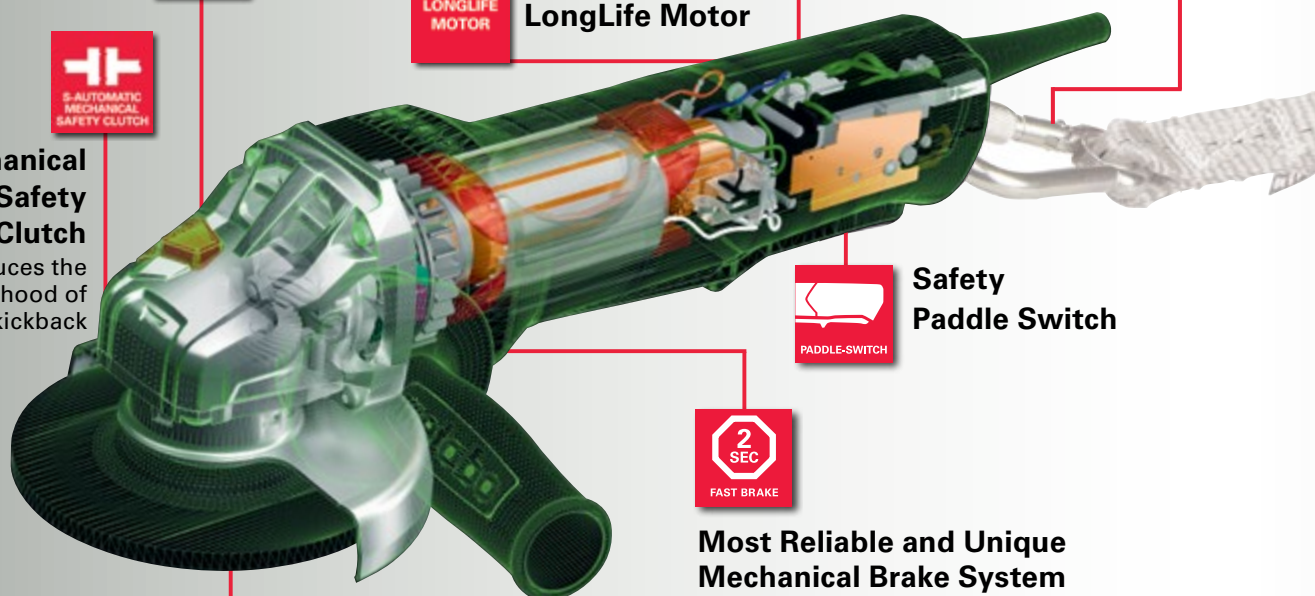
Mechanical Safety Clutch
Reduces the likelihood of kickback



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

LONG LIFE MOTOR
Most Powerful LongLife Motor

Drop Secure Ring



Safety Paddle Switch



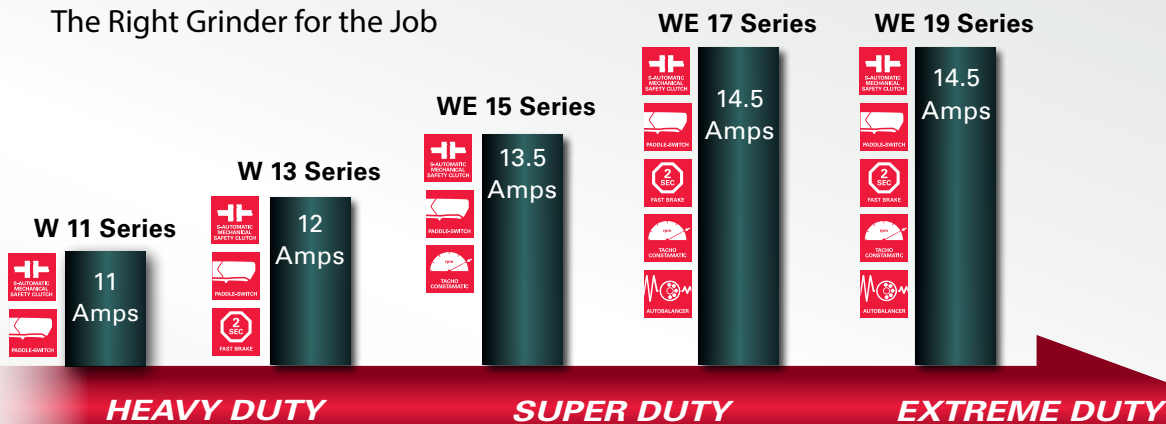
Most Reliable and Unique Mechanical Brake System

MADE IN GERMANY



50% Vibration Reduction System

The Right Grinder for the Job



"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**



MADE IN GERMANY

Metabo abrasives are optimized to perform best with Metabo Grinders

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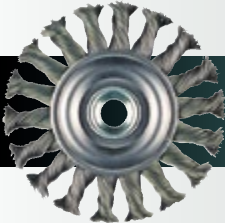
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Metabo Cutting Wheels



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

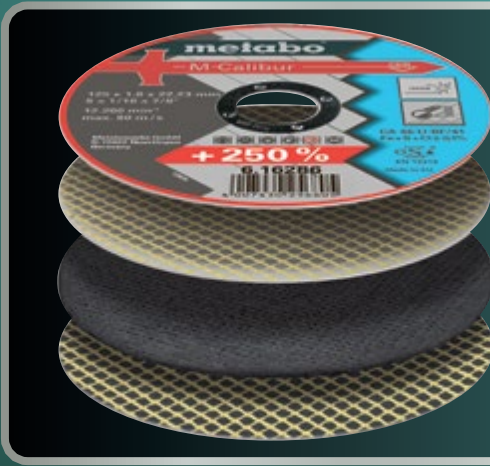
Grit

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:
A B C ... N O P ... R S T ... 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
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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
US616732000	US616310000	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
M-Calibur - CA46U - Steel / Stainless Steel / High Tensile Alloy				
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		5 X .045 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
Plus-Alu - A46N - Aluminum				
■ 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

Type 1 Cutting Wheels for Circular Saws

**HEAVY
DUTY**



Original - A30S - Steel / Stainless Steel

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

Order #	Size	Max. RPM	Pcs/Pkg
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.

Order #	Size	Max. RPM	Pcs/Pkg

Type 27 Cutting Wheels and Speciality Wheels

**SUPER
DUTY**



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.

Order #	Size	Max. RPM	Pcs/Pkg
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
616310000US	5 X 3/32 X 7/8	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
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.

Order #	Size	Max. RPM	Pcs/Pkg
655801000	7 X 1/16 X 7/8	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.

Order #	Size	Max. RPM	Pcs/Pkg
655303000	9 x 1/8 x 5/8-11	6,600	10

SPECIALTY CUTTING WHEELS



Type 27 Pipeline Grinding/Notching/Cutting Wheels

HEAVY DUTY



Order #	Size	Max. RPM	Pcs/Pkg
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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	12,300	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
655285000	9 x 1/8 x 7/8	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.

616792000	4-1/2 X 3/32 X 7/8	13,300	25
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

HEAVY DUTY



Order #	Size	Max. RPM	Pcs/Pkg
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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

HEAVY DUTY



Order #	Size	Max. RPM	Pcs/Pkg	Formula	Wheel
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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
US616215000	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
US616327000	14 X 7/64 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.

US616137000	12 X 1/8 X 1	6,400	10	A24N	Original
US616136000	12 X 1/8 X 20mm	6,400	10	A24N	Original
US616156000	12 X 1/8 X 20mm	6,400	10	C24N	Original
616139000	14 X 1/8 X 1	5,400	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
US616204000	16 X 5/32 X 1	4,800	10	A30S	Original Long Life
616168000	12 X 1/8 X 20mm	6,400	10	AC24R	Plus
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
US616203000	14 X 1/8 X 1	4,400	10	A30S	Original Long Life
US616204000	16 X 5/32 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 W 11, W 13, W 15, W 17, W 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 11, W 13, W 15, W17, W19 Series



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



628216000
Dustless Tuck Point Guard
Fits small angle grinders, W 11, W 13, W 15, W17, W19 Series

GUARDS



Quick-clip on type 1 cutting guard
630351000 - 4 1/2"
630352000 - 5"
630353000 - 6"
Fits W 11, W 13, W 15, W17, W19 series grinders



Cup wheel guard and flange for mounting 4" - 6" Type 11 cup wheels on 7" - 9" angle grinders
Guards: **655174000** - 4"5", **655176000** - 6".



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.



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
US141110390 bolts to attach loop handle (2 required), sold separately



623262000 Loop handle for small grinders W 11, W 13, W 15, W17, W19 Series

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

Metabo Grinding Wheels



HEAVY DUTY

Fast and reliable results

Original

High removal rate



SUPER DUTY

Longer life, improved productivity

Plus-Z Grind

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



EXTREME DUTY

Unstoppable, unmatched productivity

Ceramic M-Calibur

Extreme removal, longest life, lowest total cost



GRINDING WHEELS

HEAVY DUTY

SUPER DUTY

EXTREME DUTY



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



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.

Order #	Size	Max. RPM	Pcs/Pkg
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
US616730000	5 x 1/4 x 7/8	12,300	25
655730000	5 X 1/4 X 5/8-11	12,300	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.

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	12,300	25
655308000	5 X 1/4 X 5/8-11	12,300	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
616786000	5 x 1/4 x 7/8	12,300	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



**SUPER
DUTY**



Order #	Size	Max. RPM	Pcs/Pkg
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Super - A360 - Steel / Stainless Steel / High Tensile Alloy

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

US616739000	4-1/2 x 1/4 x 7/8	13,300	25
US616747000	5 x 1/4 x 7/8	12,300	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 heavy 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
US655291000	5 x 1/4 x 5/8-11	12,200	10

Type 27 Specialty Grinding Wheels

Masonry, Aluminum



**HEAVY
DUTY**



Order #	Size	Max. RPM	Pcs/Pkg
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Original - C24N - Masonry / Non-Ferrous

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

US616729000	4-1/2 x 1/4 x 7/8	13,300	25
655660000	7 X 1/4 X 5/8-11	8,500	10

**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
US616749000	5 x 1/4 x 7/8	12,300	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.



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



Go to [metabo.com](https://www.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"			5/8"-11 (hubbed)		
	Type 29	Type 27	Pack	Type 29	Type 27	Pack
40	629405000	629467000	10	629401000	629464000	5
60	629406000	629468000	10	629402000	629465000	5
80	629407000	629469000	10	629403000	629466000	5
120	623178000		10			

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"			5/8"-11 (hubbed)		
	Type 29	Type 27	Pack	Type 29	Type 27	Pack
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"			5/8"-11 (hubbed)		
	Type 29	Type 27	Pack	Type 29	Type 27	Pack
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"		
	Type 29	Type 27	Pack
40	629437000	629493000	10
60	629438000	629494000	10
80	629439000	629495000	10

Flapper Plus **Trimmable**



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

Ceramic Flapper **Trimmable**



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



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

Ceramic Flapper



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

120 grit:
previous design

Ceramic Flapper



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

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.

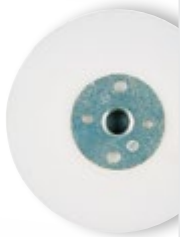
Zirconia Alumina (ZA) - Very aggressive stock removal on steel, stainless steel and other metal applications, extremely long life, cooler grinding.

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



Backing Pads


	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		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		ZA100			
	4-1/2 x 7/8	A120	624141000	ZA120			
	4-1/2 x 7/8	A150		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		
	5 x 7/8	A36		ZA36	656356000	CER36	626155000
	5 x 7/8	A40	624219000	ZA40			
	5 x 7/8	A60	624220000	ZA50	656357000		
				ZA60	656358000	CER60	626156000
	5 x 7/8	A80	624221000	ZA80	656359000	CER80	626157000
	5 x 7/8	A120	624224000				
	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
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
		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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