

METABO ABRASIVES

Constant improvements to a tradition of high quality and outstanding performance means Metabo Abrasives offer the highest value.

Professional quality in a wide variety of sizes, types, abrasive materials and bonds means Metabo abrasives are job matched.

Aluminum Oxide (A) for general purpose processing of metals

Zirconia Alumina (ZA) for harder metals and longest life

Silicon Carbide (C) for non-ferrous metals, stone, concrete

The abrasive grain size determines the aggressiveness and finish.

Lower numbers (16-24) offer aggressive metal removal.

Higher numbers (30-60) offer cooler grinding and finer finishes.

The hardness of the bond determines the useful life of the abrasive grain; from A (softest) to Z (hardest)

Safety; Metabo abrasives are manufactured to meet or exceed international and national standards for safety. Fiberglass reinforced, resinoid bonding systems for maximum permissible working speeds.



Even the world's best wheels need to be used safely. Here are some dos and do not's every operator should follow: **"Do's and Don'ts"**

Do:

1. Always handle and store wheels carefully.
2. Visually inspect all wheels for possible damage before mounting.
3. Make sure the machine's operating speed never exceeds the wheel speed.
4. Always check mounting flanges for equal and correct diameter.
5. Use mounting blotters when they're supplied with wheels.
6. Make absolutely sure work rest (where required) is properly adjusted (no more than 1/8" away from wheel.)
7. Always use a safety guard covering at least half of the grinding wheel.
8. Always run newly mounted wheels at full operating speed (with guard in place) for at least one minute before grinding.
9. Always wear safety glasses and appropriate face protection when grinding.
10. Always turn coolant off before stopping wheel, to avoid an out-of-balance condition.

Don't:

1. Don't use a wheel that has been dropped.
2. Don't force a wheel onto the machine or alter the size of the mounting hole. If the wheel won't fit the machine, get one that will.
3. Don't ever exceed the maximum operating speed established for the wheel.
4. Don't use mounting flanges that are not clean, flat and designed for the wheel being used.
5. Don't tighten the mounting nut excessively.
6. Don't grind on the side of the wheel. (See ANSI B7.1 for exceptions).
7. Don't start the machine until the wheel guard is in place.
8. Don't jam work into the wheel.
9. Don't stand directly in front of a grinding wheel when a grinder is started.
10. Don't grind material for which the wheel is not designed.



Type 27 Depressed Center Grinding Wheels



Spec.

- A 24 N - - - Aluminum oxide general purpose wheel for grinding steel and other ferrous metals in normal working conditions. High stock removal. Good wheel life.
- A 24 R - - - Aluminum oxide general purpose wheel for heavier working conditions for steel and other ferrous metals. Good stock removal. Longer wheel life.
- A 24 T - - - Aluminum oxide general purpose wheel for steel and other ferrous metals. Extremely long wheel life.
- A 36 O - - - Aluminum oxide wheel specially formulated for harder metals such as stainless steel. Good stock removal. Good wheel life.
- ZA 24 T - - - Zirconia alumina wheels for steel and stainless steel applications. Very aggressive stock removal. Extremely long wheel life.
- A 36 M - - - Aluminum oxide wheel formulated for aluminum grinding applications. Good stock removal. Good wheel life. Non clogging capability.
- C 24 N - - - 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.

Small Grinders

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
616325000	3 x 1/4 x 3/8	A 36 O	Steel/Stainless Steel	20,500	25
616735000	4 x 3/16 x 5/8	A 36 O	Steel/Stainless Steel	15,300	25
616339000	4 x 1/4 x 3/8	A 24 R	Steel	15,300	25
616791000	4 x 1/4 x 3/8	ZA 24 T	Steel / Stainless Steel	15,300	25
616745000	4 x 1/4 x 5/8	A 24 N	Steel	15,300	25
616330000	4 x 1/4 x 5/8	A 24 R	Steel	15,300	25
616797000	4 x 1/4 x 5/8	ZA 24 T	Steel / Stainless Steel	15,300	25
616746000	4 x 1/4 x 5/8	C 24 N	Masonry / Non-Ferrous	15,300	25
616726000	4-1/2 x 1/4 x 7/8	A 24 N	Steel	13,300	25
616307000	4-1/2 x 1/4 x 7/8	A 24 R	Steel	13,300	25
616275000	4-1/2 x 1/4 x 7/8	A 24 T	Steel	13,300	25
616739000	4-1/2 x 1/4 x 7/8	A 36 O	Stainless Steel	13,300	25
616785000	4-1/2 x 1/4 x 7/8	ZA 24 T	Steel / Stainless Steel	13,300	25
616748000	4-1/2 x 1/4 x 7/8	A 36 M	Aluminum	13,300	25
616729000	4-1/2 x 1/4 x 7/8	C 24 N	Masonry / Non-Ferrous	13,300	25
655726000	4-1/2 x 1/4 x 5/8-11	A 24 N	Steel	13,300	25
655307000	4-1/2 x 1/4 x 5/8-11	A 24 R	Steel	13,300	25
655275000	4-1/2 x 1/4 x 5/8-11	A 24 T	Steel	13,300	25
655785000	4-1/2 x 1/4 x 5/8-11	ZA 24 T	Steel / Stainless Steel	13,300	25
655748000	4-1/2 x 1/4 x 5/8-11	A 36 M	Aluminum	13,300	25
655729000	4-1/2 x 1/4 x 5/8-11	C 24 N	Masonry / Non-Ferrous	13,300	25
616730000	5 x 1/4 x 7/8	A 24 N	Steel	12,300	25
616308000	5 x 1/4 x 7/8	A 24 R	Steel	12,300	25
616486000	5 x 1/4 x 7/8	A 24 T	Steel	12,300	25
616747000	5 x 1/4 x 7/8	A 36 O	Stainless Steel	12,300	25
616749000	5 x 1/4 x 7/8	A 36 M	Aluminum	12,300	25
616731000	5 x 1/4 x 7/8	C 24 N	Masonry / Non-Ferrous	12,300	25
655730000	5 x 1/4 x 5/8-11	A 24 N	Steel	12,300	25
655308000	5 x 1/4 x 5/8-11	A 24 R	Steel	12,300	25
655486000	5 x 1/4 x 5/8-11	A 24 T	Steel	12,300	25

Type 27 Depressed Center Grinding Wheels

Small Grinders - continued

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
616554000	6 x 1/4 x 7/8	A 24 N	Steel	10,200	25
616319000	6 x 1/4 x 7/8	A 24 R	Steel	10,200	25
616604000	6 x 1/4 x 7/8	A 36 O	Stainless Steel	10,200	25
616787000	6 x 1/4 x 7/8	ZA 24 T	Steel / Stainless Steel	10,200	25
616754000	6 x 1/4 x 7/8	A 36 M	Aluminum	10,200	25
616654000	6 x 1/4 x 7/8	C 24 N	Masonry / Non-Ferrous	10,200	25
655554000	6 x 1/4 x 5/8-11	A 24 N	Steel	10,200	25
655319000	6 x 1/4 x 5/8-11	A 24 R	Steel	10,200	25
655787000	6 x 1/4 x 5/8-11	ZA 24 T	Steel / Stainless Steel	10,200	25



Large Grinders

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
616560000	7 x 1/4 x 7/8	A 24 N	Steel	8,500	10
616782000	7 x 1/4 x 7/8	A 24 R	Steel	8,500	10
616277000	7 x 1/4 x 7/8	A 24 T	Steel	8,500	10
616760000	7 x 1/4 x 7/8	A 36 M	Aluminum	8,500	10
616660000	7 x 1/4 x 7/8	C 24 N	Masonry / Non-Ferrous	8,500	10
655560000	7 x 1/4 x 5/8-11	A 24 N	Steel	8,500	10
655782000	7 x 1/4 x 5/8-11	A 24 R	Steel	8,500	10
655277000	7 x 1/4 x 5/8-11	A 24 T	Steel	8,500	10
655610000	7 x 1/4 x 5/8-11	A 36 O	Stainless Steel	8,500	10
655788000	7 x 1/4 x 5/8-11	ZA 24 T	Steel / Stainless Steel	8,500	10
655760000	7 x 1/4 x 5/8-11	A 36 M	Aluminum	8,500	10
655660000	7 x 1/4 x 5/8-11	C 24 N	Masonry / Non-Ferrous	8,500	10
616572000	9 x 1/4 x 7/8	A 24 N	Steel	6,600	10
616784000	9 x 1/4 x 7/8	A 24 R	Steel	6,600	10
616622000	9 x 1/4 x 7/8	A 36 O	Stainless Steel	6,600	10
616763000	9 x 1/4 x 7/8	A 36 M	Aluminum	6,600	10
616672000	9 x 1/4 x 7/8	C 24 N	Masonry / Non-Ferrous	6,600	10
655572000	9 x 1/4 x 5/8-11	A 24 N	Steel	6,600	10
655784000	9 x 1/4 x 5/8-11	A 24 R	Steel	6,600	10
655279000	9 x 1/4 x 5/8-11	A 24 T	Steel	6,600	10
655622000	9 x 1/4 x 5/8-11	A 36 O	Stainless Steel	6,600	10
655789000	9 x 1/4 x 5/8-11	ZA 24 T	Steel / Stainless Steel	6,600	10
655763000	9 x 1/4 x 5/8-11	A 36 M	Aluminum	6,600	10
655672000	9 x 1/4 x 5/8-11	C 24 N	Masonry / Non-Ferrous	6,600	10



Type 27 Pipeline Grinding/Notching/Cutting Wheels



Spec.



A 24 T - - - - Aluminum oxide general purpose wheel for steel and other ferrous metals. Extremely long wheel life.

ZA 24 T - - - - Zirconia alumina wheels for steel and stainless steel applications. Very aggressive stock removal. Extremely long wheel life.

Small Grinders

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
616793000	4 x 1/8 x 3/8	ZA 24 T	Steel / Stainless Steel	15,300	25
616281000	4-1/2 x 1/8 x 7/8	A 24 T	Steel / Stainless Steel	13,300	25
616792000	4-1/2 x 1/8 x 7/8	ZA 24 T	Steel / Stainless Steel	13,300	25
655281000	4-1/2 x 1/8 x 5/8-11	A 24 T	Steel / Stainless Steel	13,300	25
655792000	4-1/2 x 1/8 x 5/8-11	ZA 24 T	Steel / Stainless Steel	13,300	25
616794000	6 x 1/8 x 7/8	ZA 24 T	Steel / Stainless Steel	10,200	25
655794000	6 x 1/8 x 5/8-11	ZA 24 T	Steel / Stainless Steel	10,200	25

Large Grinders

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
616795000	7 x 1/8 x 7/8	ZA 24 T	Steel / Stainless Steel	8,500	10
655282000	7 x 1/8 x 5/8-11	A 24 T	Steel / Stainless Steel	8,500	10
655795000	7 x 1/8 x 5/8-11	ZA 24 T	Steel / Stainless Steel	8,500	10
616284000	9 x 1/8 x 7/8	A 24 T	Steel / Stainless Steel	6,600	10
616796000	9 x 1/8 x 7/8	ZA 24 T	Steel / Stainless Steel	6,600	10
655284000	9 x 1/8 x 5/8-11	A 24 T	Steel / Stainless Steel	6,600	10
655796000	9 x 1/8 x 5/8-11	ZA 24 T	Steel / Stainless Steel	6,600	10

Type 27 Combination Grinding/Cutting Wheels



Spec.



A 46 U Aluminum oxide, contaminant free for stainless steel and other ferrous metals. Extremely long wheel life, and fast cut.

Small Grinders

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
616500420	4-1/2 x 5/64 x 7/8	A 46 U	Steel / Stainless Steel	13,300	25
616501420	5 x 5/64 x 7/8	A 46 U	Steel / Stainless Steel	12,300	25
616502420	6 x 5/64 x 7/8	A 46 U	Steel / Stainless Steel	10,200	25

Type 27 Depressed Center Cutting Wheels

Spec.



- A 30 P - - - - Aluminum oxide wheel specially formulated for harder metals such as stainless steel. Good rate of cut. Good wheel life.
- A 30 R - - - - Aluminum oxide general purpose wheel for heavier working conditions for steel and other ferrous metals. Very fast rate of cut. Good wheel life.
- C 30 S - - - - 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.



Small Grinders

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
616328000	4 x 3/32 x 3/8	A 30 R	Steel	19,000	25
616306000	4 x 3/32 x 5/8	C 30 S	Masonry / Non-Ferrous	19,000	25
616727000	4-1/2 x 3/32 x 7/8	A 30 R	Steel	13,300	25
655727000	4-1/2 x 3/32 x 5/8-11	A 30 R	Steel	13,300	25
616737000	4-1/2 x 3/32 x 7/8	A 30 P	Stainless Steel	13,300	25
616728000	4-1/2 x 3/32 x 7/8	C 30 S	Masonry / Non-Ferrous	13,300	25
655728000	4-1/2 x 3/32 x 5/8-11	C 30 S	Masonry / Non-Ferrous	13,300	25
616310000	5 x 3/32 x 7/8	A 30 R	Steel	12,300	25
655310000	5 x 3/32 x 5/8-11	A 30 R	Steel	12,300	25
616312000	5 x 3/32 x 7/8	C 30 S	Masonry / Non-Ferrous	12,300	25
616313000	6 x 1/8 x 7/8	A 30 R	Steel	10,200	25
655313000	6 x 1/8 x 5/8-11	A 30 R	Steel	10,200	25
616314000	6 x 1/8 x 7/8	A 30 P	Stainless Steel	10,200	25



Large Grinders

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
616300000	7 x 1/8 x 7/8	A 30 R	Steel	8,500	10
616299000	7 x 1/8 x 7/8	A 30 P	Stainless Steel	8,500	10
616301420	7 x 1/8 x 7/8	C 30 S	Masonry / Non-Ferrous	8,500	10
655300000	7 x 1/8 x 5/8-11	A 30 R	Steel	8,500	10
655299000	7 x 1/8 x 5/8-11	A 30 P	Stainless Steel	8,500	10
655301000	7 x 1/8 x 5/8-11	C 30 S	Masonry / Non-Ferrous	8,500	10
616302000	9 x 1/8 x 7/8	A 30 R	Steel	6,600	10
655302000	9 x 1/8 x 5/8-11	A 30 R	Steel	6,600	10
655303000	9 x 1/8 x 5/8-11	C 30 S	Masonry / Non-Ferrous	6,600	10



metabo®

The Original Slicer Wheel Company.

CHOICE CUTS™ *Thin cut-off wheels*

Original Slicer: *Fast and Flexible!*

General purpose aluminum oxide wheel for steel and stainless steel rod / rebar. Extremely fast, burr free, cool-cutting. Flexibility for flush cutting.



.045 Thick, A60TZ

GENERAL PURPOSE
Smaller Diameter Rods/
Rebar, Angle Iron

GENERAL PURPOSE
Pipe, Tube, Thin
Sheet Metals

HEAVY-DUTY
Thicker Sectional Cuts,
Large Diameter Metals,
Stainless Steels,
Heavy Wall Tube

EXTREME PERFORMANCE
Stainless Steels, High
Tensile Alloys, Inconels,
Chromes, Hastalloys

Long Life Original Slicer: *Longer Life/Tough!*

Engineered aluminum oxide wheel for longer life cutting pipe, thin wall steel and stainless steel tubing, sheet metal as well as bar stock. Excellent service life.



.045 Thick, A60XL

GENERAL PURPOSE
Smaller Diameter Rods/
Rebar, Angle Iron

GENERAL PURPOSE
Pipe, Tube, Thin
Sheet Metals

HEAVY-DUTY
Thicker Sectional Cuts,
Large Diameter Metals,
Stainless Steels,
Heavy Wall Tube

EXTREME PERFORMANCE
Stainless Steels, High
Tensile Alloys, Inconels,
Chromes, Hastalloys

Slicer-Plus: *Aggressive, Cool-Cutting!*

Specially engineered with coated aluminum oxide, proprietary bond for toughest applications, thicker sectional cuts in steels, stainless steels, heavy rebar, harder metals, heavy wall pipe and angle iron. Best choice for cutting non-ferrous metals.



.045 Thick, A60TX

GENERAL PURPOSE
Smaller Diameter Rods/
Rebar, Angle Iron

GENERAL PURPOSE
Pipe, Tube, Thin
Sheet Metals

HEAVY-DUTY
Thicker Sectional Cuts,
Large Diameter Metals,
Stainless Steels,
Heavy Wall Tube

EXTREME PERFORMANCE
Stainless Steels, High
Tensile Alloys, Inconels,
Chromes, Hastalloys

Super-Slicer: *Extreme Performance! Ideal for Stainless Steel!*

Blended high performance abrasive grains and bonds free of Chlorine, Sulfur and Iron specifically designed for hardened metals, stainless steels, high tensile alloys, hastalloys, inconel, titanium.



.045 Thick, A60XP

GENERAL PURPOSE
Smaller Diameter Rods/
Rebar, Angle Iron

GENERAL PURPOSE
Pipe, Tube, Thin
Sheet Metals

HEAVY-DUTY
Thicker Sectional Cuts,
Large Diameter Metals,
Stainless Steels,
Heavy Wall Tube

EXTREME PERFORMANCE
Stainless Steels, High
Tensile Alloys, Inconels,
Chromes, Hastalloys

■ Indicates the wheel to choose for best overall cost-efficiency



Four different slicer wheels save you **TIME AND MONEY!**

Available in a wide range of sizes; 2" to 9" diameter and in Type 1 straight and Type 27 depressed center wheels.

TYPE 1				TYPE 27			
Original Slicer - A60TZ • Fastest Cut • Flexible • Steel/Stainless Steel							
Size	Order #	Pcs./Pkg.	Max. RPM	Size	Order #	Pcs./Pkg.	Max. RPM
4-1/2" x .040 x 7/8	655331000	100	15,000	4-1/2" x .045 x 7/8	655346000	50	13,300
5" x .040 x 7/8	655334000	50	12,225				
6" x .040 x 7/8	655339000	50	10,200	6" x .045 x 7/8	655347000	50	10,200
Long Life Original Slicer - A60XL • Long Life • Tough • Steel/Stainless Steel							
4-1/2" x .045 x 7/8	655332000	100	15,000	4-1/2" x 1/16 x 7/8	655349000	50	15,000
5" x .045 x 7/8	655335000	50	12,225				
6" x .045 x 7/8	655344000	50	10,200	6" x 1/16 x 7/8	655350000	50	10,200
Slicer Plus - A60TX • Long Life • Cool Cutting • Steel/Stainless Steel/Non-Ferrous Metals							
4" x .045 x 5/8	655996000	50	15,000				
4-1/2" x .045 x 7/8	655997000	50	15,000	4-1/2" x .045 x 7/8	655351000	50	15,000
5" x .045 x 7/8	655993000	50	12,225				
6" x .045 x 7/8	655998000	50	10,185	6" x .045 x 7/8	655352000	50	10,185
Super Slicer - A60XP • Contaminant Free • Extreme Performance • Stainless Steel/ Hardened Alloys • < .1% Iron, Sulfur and Chlorine							
4-1/2" x .045 x 7/8	655994000	50	15,000				
6" x .045 x 7/8	655995000	50	10,185				

CHOICE CUTS™

Available in a wide range of sizes; 2" to 9" diameter and in Type 1 straight and Type 27 depressed center wheels.



Type 1 & 27 “Original Slicer” Cutting Wheels



A 60 TZ



A 60 XL

Spec.

- A 60 TZ- - - Aluminum oxide wheel for steel and other ferrous metals. Extremely fast rate of cut. Good wheel life.
- A 36 TZ- - - Aluminum oxide wheel for steel and other ferrous metals. Fast rate of cut. Longer wheel life.
- A 46 TZ- - - Aluminum oxide general purpose wheel for steel and other ferrous metals. Aggressive cut. Excellent wheel life.
- A 60 XL- - - Engineered aluminum oxide wheel for long life in tough applications: thin wall pipe/tube, as well as solids.

Small Grinders (Type 1)

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
655348000	2 x .035 x 3/8	A 60 TZ	Steel / Stainless Steel	30,558	100
655316000	3 x .040 x 1/4	A 60 TZ	Steel / Stainless Steel	25,000	100
655317000	3 x .040 x 3/8	A 60 TZ	Steel / Stainless Steel	25,000	100
655318000	3 x 1/16 x 1/4	A 36 TZ	Steel / Stainless Steel	25,000	100
655358000	3 x 1/16 x 1/4	A 60 TZ	Steel / Stainless Steel	25,000	100
655320000	3 x 1/16 x 3/8	A 36 TZ	Steel / Stainless Steel	25,000	100
655321000	3 x 1/16 x 3/8	A 60 TZ	Steel / Stainless Steel	25,000	100
655322000	4 x .040 x 1/4	A 60 TZ	Steel / Stainless Steel	22,000	50
655323000	4 x .040 x 3/8	A 60 TZ	Steel / Stainless Steel	22,000	50
655324000	4 x .040 x 5/8	A 60 TZ	Steel / Stainless Steel	22,000	50
655325000	4 x 1/16 x 1/4	A 36 TZ	Steel / Stainless Steel	19,000	100
655327000	4 x 1/16 x 3/8	A 36 TZ	Steel / Stainless Steel	19,000	100
655328000	4 x 1/16 x 3/8	A 60 TZ	Steel / Stainless Steel	19,000	100
655329000	4 x 1/16 x 5/8	A 36 TZ	Steel / Stainless Steel	19,000	100
655330000	4 x 1/16 x 5/8	A 60 TZ	Steel / Stainless Steel	19,000	100
655999000	6 x .040 x 3/8	A 60 TZ	Steel / Stainless Steel	14,000	50
655338000	6 x .040 x 5/8	A 60 TZ	Steel / Stainless Steel	10,200	50
655342000	6 x 1/16 x 5/8	A 60 XL	Steel / Stainless Steel	10,200	25

Large Grinders (Type 27)

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
655797000	9 x 1/16 x 7/8	A 46 TZ	Steel / Stainless Steel	6,600	10
655799000	9 x 1/16 x 5/8-11	A 46 TZ	Steel / Stainless Steel	6,600	10



Type 1 Cutting Wheels

Spec.

- A 30 P - - - Aluminum oxide wheels specially formulated for harder metals such as stainless steel. Fast rate of cut. Good wheel life.
- A 30 R - - - Aluminum oxide wheels general purpose for steel and other ferrous metals. Good cutting rate. Excellent wheel life.
- A 30 S - - - Aluminum Oxide wheels for steel, other ferrous metals and rail track. Good rate of cut. Longer wheel life.
- C 30 S - - - Silicon carbide general purpose wheel for stone, concrete, cast iron, ductile iron, masonry materials, non-ferrous metals, brass, bronze, etc. Fast rate of cut. Good wheel life.



Small Grinders

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
616321000	3 x 1/8 x 3/8	A 30 S	Steel / Stainless Steel	20,500	25
616738000	5 x 3/32 x 7/8	A 30 P	Stainless Steel	12,300	25
616732000	5 x 3/32 x 7/8	A 30 R	Steel	12,300	25

Circular Saws

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
616331000	6 x 1/8 x 5/8-Dm	A 30 S	Steel / Stainless Steel	10,200	25
616332000	6 x 1/8 x 5/8-Dm	C 30 S	Masonry / Non-Ferrous	10,200	25
616333000	7 x 1/8 x 5/8-Dm	A 30 S	Steel / Stainless Steel	8,500	10
616334000	7 x 1/8 x 5/8-Dm	C 30 S	Masonry / Non-Ferrous	8,500	10



Type 1 Cutting Wheels - High Speed Saws



Spec.

- A 24 N - - - Aluminum oxide wheels general purpose for steel and other ferrous metals. Fast rate of cut. Good wheel life
- A 30 S - - - Aluminum oxide wheels for steel, other ferrous metals and rail track. Good rate of cut. Longer wheel life.
- C 16 N - - - Silicon carbide specially formulated for asphalt and green concrete. Good cutting rate. Good wheel life.
- C 24 N - - - 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.
- AC 24 R - - - Aluminum oxide and Silicon carbide combination wheel specially formulated for ductile iron. Excellent rate of cut. Excellent wheel life. Smooth and chatter free cutting.



Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
616136000	12 x 1/8 x 20mm	A 24 N	Steel	6,400	10
616168000	12 x 1/8 x 20mm	AC 24 R	Ductile Iron	6,400	10
616156000	12 x 1/8 x 20mm	C 24 N	Masonry / Non-Ferrous	6,400	10
616138420	12 x 1/8 x 1	AC 24 R	Ductile Iron	6,400	10
616137000	12 x 1/8 x 1	A 24 N	Steel	6,400	10
616158000	12 x 1/8 x 1	C 16 N	Asphalt	6,400	10
616157000	12 x 1/8 x 1	C 24 N	Masonry / Non-Ferrous	6,400	10
616140000	14 x 1/8 x 20mm	A 24 N	Steel	5,460	10
616142000	14 x 1/8 x 20mm	AC 24 R	Ductile Iron	5,460	10
616165000	14 x 1/8 x 20mm	C 16 N	Asphalt	5,460	10
616160000	14 x 1/8 x 20mm	C 24 N	Masonry / Non-Ferrous	5,460	10
616139000	14 x 1/8 x 1	A 24 N	Steel/Rail Track	5,400	10
616149000	14 x 1/8 x 1	AC 24 R	Ductile Iron	5,400	10
616161000	14 x 1/8 x 1	C 16 N	Asphalt	5,400	10
616159000	14 x 1/8 x 1	C 24 N	Masonry / Non-Ferrous	5,400	10
616204000	16 x 5/32 x 1	A 30 S	Steel	4,800	10

655173000 Reducing bushing 1" to 20mm

Type 1 Cut-Off Wheels - Chop Saws

Spec.

A 24 M - - - Aluminum oxide wheels for general purpose use on steel and other ferrous metals larger chop saw applications. Excellent rate of cut. Good wheel life.

A 30 P - - - Aluminum oxide wheels constructed with a single internal reinforcement and an aggressive cool cutting formulation best for cutting smaller diameter metals or metal studs.

A 30 R - - - Aluminum oxide wheels for general purpose use on steel and other ferrous metals. Good rate of cut. Good wheel life.

A 30 S - - - Aluminum oxide wheels specially formulated for dry wall stud applications. Good rate of cut. Good wheel life.



Chop Saws - Double External Reinforcement

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
616337000	12 x 3/32 x 1	A 30 R	Steel / Stainless Steel	5,100	10
616340000	14 x 3/32 x 1	A 24 M	Steel / Stainless Steel	4,300	10
616338000	14 x 3/32 x 1	A 30 R	Steel / Stainless Steel	4,300	10
616146000	14 x 3/32 x 1	A 30 S	Steel / Dry Wall Stud	4,300	10
616327000	14 x 7/64 x 1	A 30 R	Steel / Stainless Steel	4,300	10
616215000	16 x 3/32 x 1	A 24 M	Steel / Stainless Steel	3,820	10



Chop Saws - Single Internal Reinforcement

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
655236000	14 x 3/32 x 1	A 30 P	Steel / Stainless Steel	4,300	10

Type 1 Cutting Wheels - Stationary Saws

Spec.

A 30 N - - - Aluminum oxide wheels are specially formulated for high powered machines to cut steel and other ferrous metals. Excellent rate of cut. Good wheel life.

A 30 R - - - Aluminum oxide wheels are specially formulated for high powered machines to cut steel and other ferrous metals. Fast rate of cut. Longer wheel life.

A 30 S - - - Aluminum oxide wheels for steel, other ferrous metals and rail track. Good rate of cut. Longer wheel life.

A 30 V - - - Aluminum oxide wheels are specially formulated for high powered machines to cut steel and other ferrous metals. Good rate of cut. Excellent wheel life.

C 30 S - - - Silicon carbide wheels are specially formulated for high powered machines to cut masonry / ductile iron / non-ferrous metals. Good rate of cut. Excellent wheel life.



Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
616342000	10 x 1/8 x 1	A 30 R	Steel / Stainless Steel	6,100	10
616344000	10 x 1/8 x 1	A 30 V	Steel / Stainless Steel	6,100	10
616203000	14 x 1/8 x 1	A 30 S	Steel / Stainless Steel	4,400	10
616213000	14 x 1/8 x 1	C 30 S	Masonry / Non-Ferrous	4,400	10
616204000	16 x 5/32 x 1	A 30 S	Steel / Rail Track	4,800	10
616365000	20 x 3/16 x 1	A 30 N	Steel / Stainless Steel	3,000	5
616366000	20 x 3/16 x 1	A 30 R	Steel / Stainless Steel	3,000	5
616367000	20 x 3/16 x 1	A 30 V	Steel / Stainless Steel	3,000	5
616364000	20 x 3/16 x 1	C 30 S	Ductile Iron	3,000	5



Type 6 Cup Wheels - Small Grinders



Spec.



A 80 M - - - Aluminum oxide general purpose wheel for grinding steel and other ferrous metals. Good cutting rate and wheel life.

C 30 N - - - 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.



Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
630727000	3-1/8 x 7/8 x 7/8	A 80 M	Steel / Ferrous Metals	10,750	1
630728000	3-1/8 x 7/8 x 7/8	C 30 N	Masonry / Non-Ferrous	10,750	1

(See page 76 for wheel guard)

Type 11 Cup Wheels with Steel Backs - Large Grinders



Spec.



A 16 Q - - - Aluminum oxide general purpose wheel for grinding steel and other ferrous metals. High stock removal. Good wheel life.

C 16 N - - - 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.



Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
616341119	4 x 3 x 2 x 5/8-11	A 16 Q	Steel / Ferrous Metals	9,000	10
616342119	4 x 3 x 2 x 5/8-11	C 16 N	Masonry / Non-Ferrous	9,000	10
616343119	5 x 4 x 2 x 5/8-11	A 16 Q	Steel / Ferrous Metals	7,200	10
US16344119	5 x 4 x 2 x 5/8-11	C 16 N	Masonry / Non-Ferrous	7,200	10
616345119	6 x 4-3/4 x 2 x 5/8-11	A 16 Q	Steel / Ferrous Metals	6,000	10
616346119	6 x 4-3/4 x 2 x 5/8-11	C 16 N	Masonry / Non-Ferrous	6,000	10
616347119	6 x 4-3/4 x 2 x 5/8-11	ZA 16 T	Steel / Stainless Steel	6,000	10

Accessory



Cup wheel guard and flange for mounting
 4" - 6" Type 11 cup wheels on 7" - 9" angle grinders
 Guards: 623142000 - 4", 655174000 - 5",
 655178000 - 6".
 Mounting flange: 903570060

Type 1 Vitrified Wheels - Bench Grinders

Spec.

Aluminum Oxide - Excellent general purpose wheel for routine use on bench grinders. Performs very well for every day general shop use on various steels.

Aluminum Oxide

Order #	Size	Spec.	Max. RPM	Pcs/Pkg
655401000	6 x 3/4 x 1	A 36	4,140	1
655402000	6 x 3/4 x 1	A 60	4,140	1
655403000	6 x 3/4 x 1	A 80	4,140	1
655405000	6 x 1 x 1	A 24	4,140	1
655406000	6 x 1 x 1	A 36	4,140	1
655407000	6 x 1 x 1	A 60	4,140	1
655408000	6 x 1 x 1	A 80	4,140	1
655410000	7 x 1 x 1	A 24	3,600	1
655411000	7 x 1 x 1	A 36	3,600	1
655412000	7 x 1 x 1	A 60	3,600	1
655413000	7 x 1 x 1	A 80	3,600	1
655414000	8 x 1 x 1-1/4	A 24	3,600	1
655415000	8 x 1 x 1-1/4	A 36	3,600	1
655416000	8 x 1 x 1-1/4	A 60	3,600	1
655417000	8 x 1 x 1-1/4	A 80	3,600	1
655419000	10 x 1 x 1-1/4	A 24	2,485	1
655420000	10 x 1 x 1-1/4	A 36	2,485	1
655421000	10 x 1 x 1-1/4	A 60	2,485	1
655423000	10 x 1-1/2 x 1-1/4	A 36	2,485	1
655424000	10 x 1-1/2 x 1-1/4	A 60	2,485	1



Bushing Selector

	Wheel Dia.	Arbor Hole	Bushing Size				
			1/2"	5/8"	3/4"	1"	1-1/4"
Vitrified bench grinding wheels come with nested bushings. Check the chart at right for bushing sizes.	6"	1"	■	■	■		
	7"	1"		■	■		
	8"	1-1/4"		■	■	■	
	10"	1-1/4"			■	■	
Replacement bushings for bench wheels	#55165	1"	■	■	■		
	#55166	1-1/4"	■		■	■	
	#55167	1-1/2"				■	■

Type 1 Vitrified Wheels - Bench Grinders

Spec.

Green Silicon Carbide - Very sharp cool cutting wheel. Excellent for sharpening carbide tipped bits as well as working with non-ferrous materials such as aluminum, glass, ceramic and cast irons.

Green Silicon Carbide

Order #	Size	Spec.	Max. RPM	Pcs/Pkg
655431000	6 x 3/4 x 1	C 60	4,140	1
655432000	6 x 3/4 x 1	C 80	4,140	1
655433000	6 x 3/4 x 1	C 120	4,140	1
655434000	6 x 1 x 1	C 60	4,140	1
655435000	6 x 1 x 1	C 80	4,140	1
655436000	6 x 1 x 1	C 120	4,140	1
655437000	7 x 1 x 1	C 60	3,600	1
655438000	7 x 1 x 1	C 80	3,600	1
655439000	7 x 1 x 1	C 120	3,600	1
655440000	8 x 1 x 1-1/4	C 60	3,600	1
655441000	8 x 1 x 1-1/4	C 80	3,600	1
655442000	8 x 1 x 1-1/4	C 120	3,600	1



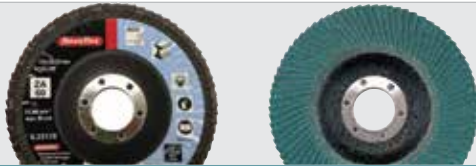
Metabo Flap Discs...

Three different flap discs save you TIME AND MONEY!

Novoflex: Excellent Value!

General purpose flap disc made with high quality zirconia alumina. Contaminant free. For steel and stainless steel. Fast stock removal, consistent blending and finishing. Long service life.

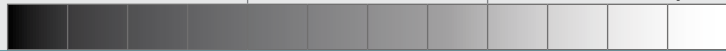
GOOD



GENERAL PURPOSE
Steel, Stainless Steel

HEAVY-DUTY
Steel, Stainless Steel

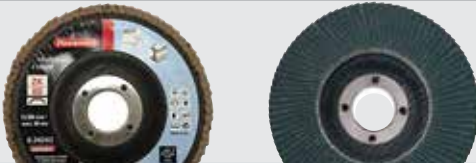
EXTREME PERFORMANCE
Steel, Stainless Steel, High Tensile Alloys, Inconels, Chromes, Hastalloys



Flexiamant: Aggressive Stock Removal!

Top performing zirconia alumina for aggressive stock removal and superb finishing on steel and stainless steel. Contaminant free. Excellent service life.

BETTER



GENERAL PURPOSE
Steel, Stainless Steel

HEAVY-DUTY
Steel, Stainless Steel

EXTREME PERFORMANCE
Steel, Stainless Steel, High Tensile Alloys, Inconels, Chromes, Hastalloys



Flexiamant Super: Extreme Performance! Ideal for Stainless Steel!

High performance ceramic grain is contaminant free. Specifically designed for cool grinding on heat sensitive materials as well as hardened metals, stainless steels, high tensile alloys, hastalloys, inconels and titanium.

BEST!



GENERAL PURPOSE
Steel, Stainless Steel

HEAVY-DUTY
Steel, Stainless Steel


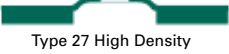



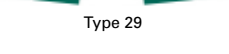
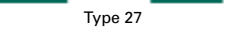


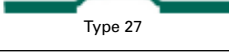
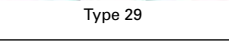
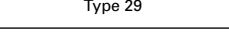



EXTREME PERFORMANCE
Steel, Stainless Steel, High Tensile Alloys, Inconels, Chromes, Hastalloys



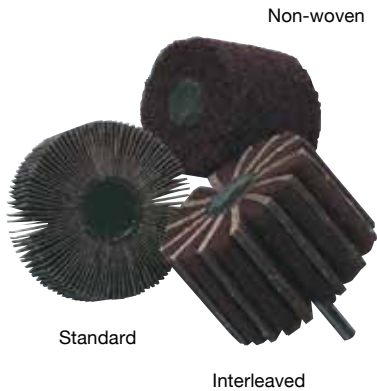
 Indicates the wheel to choose for best overall cost-efficiency

Type 27 & 29 Flap Discs NEW



	Specs	Type	Pcs./Pkg.	RPM	Grit	Novoflex	Flexiamant	Flexiamant Super
7/8" Arbor	4-1/2" x 7/8	 Type 27	10	13,300	36		656375000	
					40		624246000	
					60		624247000	
					80		624248000	
					120		656425000	
	4-1/2" x 7/8	 Type 27 High Density	10	13,300	40		656440000	
					60		656441000	
					80		656442000	
	4-1/2" x 7/8	 Type 29	10	13,300	36		656383000	
					40	623175000	624241000	626166000
					60	623176000	624243000	626167000
					80	623177000	624244000	626168000
	4-1/2" x 7/8	 Type 29 High Density	10	13,300	120	623178000	656427000	
					40		656392000	
					60		656393000	
					80		656394000	
	5" x 7/8	 Type 29	10	12,200	120	656429000		
					40	623195000		626169000
60					623196000		626170000	
80					623197000		626171000	
6" x 7/8	 Type 29	10	10,200	120	623198000			
				40		656430000		
				60		656431000		
				80		656432000		
7" x 7/8	 Type 27	10	8,600	120		656433000		
				36		656379000		
				42		624356000		
				60		624358000		
7" x 7/8	 Type 29	10	8,600	80		624359000		
				40	623112000	624256000		
				60	623114000	624258000		
				80	623115000	624259000		
7" x 7/8	 Type 29 High Density	10	8,600	40		656395000		
				60		656396000		
				80		656397000		
				80		656397000		
5/8" -11 Hub	4-1/2" x 5/8"-11	 Type 27	10	13,300	40		656376000	
					60		656377000	
					80		656378000	
					120		656426000	
	4-1/2" x 5/8"-11	 Type 29	10	13,300	40	656452000	656384000	
					60	656453000	656385000	
					80	656454000	656386000	
					120	656455000	656428000	
	5" x 5/8"-11	 Type 29	10	12,200	40	656462000		
					60	656463000		
					80	656464000		
					120	656465000		
	6" x 5/8"-11	 Type 29	10	10,200	40		656434000	
					60		656435000	
					80		656436000	
					120		656437000	
	7" x 5/8"-11	 Type 27	10	8,600	40		656380000	
					60		656381000	
80						656382000		
7" x 5/8"-11	 Type 29	10	8,600	40	656482000	656389000		
				60	656483000	656390000		
				80	656484000	656391000		

Flap Wheels - Mounted Style - 1/4 Shank



Spec.

Standard - Aluminum oxide on resin fiber backing provides excellent stock removal on contoured steel shapes and in confined areas.

Standard

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
655368000	1 x 1	A 60	Steel / Stainless Steel	30,000	10
655369000	1 x 1	A 80	Steel / Stainless Steel	30,000	10
655370000	1 x 1	A 120	Steel / Stainless Steel	30,000	10
655371000	1-1/2 x 1	A 60	Steel / Stainless Steel	25,000	10
655372000	1-1/2 x 1	A 80	Steel / Stainless Steel	25,000	10
655373000	1-1/2 x 1	A 120	Steel / Stainless Steel	25,000	10
655374000	2 x 1	A 60	Steel / Stainless Steel	25,000	10
655375000	2 x 1	A 80	Steel / Stainless Steel	25,000	10
655376000	2 x 1	A 120	Steel / Stainless Steel	25,000	10
655377000	3 x 1	A 60	Steel / Stainless Steel	20,000	10
655378000	3 x 1	A 80	Steel / Stainless Steel	20,000	10
655379000	3 x 1	A 120	Steel / Stainless Steel	20,000	10

Spec.

Interleaved - Aluminum oxide flaps are interleaved with strips of non-woven abrasive material to provide a brushed satin finish.

Interleaved

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
655390000	3 x 1	A 80	Steel / Stainless Steel	18,000	5
655391000	3 x 1	A 120	Steel / Stainless Steel	18,000	5
655392000	3 x 1	A 180	Steel / Stainless Steel	18,000	5
655393000	3 x 2	A 80	Steel / Stainless Steel	6,000	5
655394000	3 x 2	A 120	Steel / Stainless Steel	6,000	5
655395000	3 x 2	A 180	Steel / Stainless Steel	6,000	5

Spec.

Non-Woven - Aluminum oxide is bonded to a non-woven fabric to provide a excellent wheel for general deburring and contour surface finishing.

Non-Woven / Blending

Order #	Size	Spec.	Application	Max. RPM	Pcs/Pkg
655380000	2-3/8 x 1	Fine	Stainless Steel	10,000	5
655381000	2-3/8 x 1	Medium	Stainless Steel	10,000	5
655382000	2-3/8 x 2	Fine	Stainless Steel	8,000	5
655383000	2-3/8 x 2	Medium	Stainless Steel	8,000	5
655384000	3 x 1	Fine	Stainless Steel	8,000	5
655385000	3 x 1	Medium	Stainless Steel	8,000	5
655386000	3 x 2	Fine	Stainless Steel	6,000	5
655387000	3 x 2	Medium	Stainless Steel	6,000	5



Resin Fiber Abrasive Discs-Closed Coat

Spec.

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.

Small Grinders

Backing Pads	Disc Size	Aluminum Oxide		Zirconia Alumina		Ceramic Grain	
		Grit	Slotted Order #	Grit	Non-Slotted Order #	Grit	Slotted Order #
623283000	4-1/2 x 7/8	A16	624135000	ZA16			
	4-1/2 x 7/8	A24	624136000	ZA24	656350000	CER24	626150000
	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			
623284000	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					



Slotted
(Aluminum Oxide)



Non-Slotted
(Zirconia Alumina)



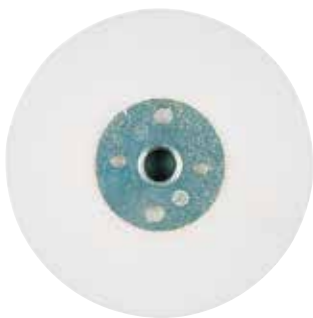
Slotted
(Ceramic Grain)

Large Grinders

Backing Pads	Disc Size	Aluminum Oxide		Zirconia Alumina		Ceramic Grain	
		Grit	Slotted Order #	Grit	Non-Slotted Order #	Grit	Non-Slotted Order #
623281000	7 x 7/8	A24	624103000	ZA24	656360000	CER24	626158000
	7 x 7/8	A36		ZA36	656361000	CER36	626159000
	7 x 7/8	A40	624104000	ZA40			
	7 x 7/8	A50	624102000	ZA50	656362000		
	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	9 x 7/8	A24	624227000				
	9 x 7/8	A36		ZA36	656366000		
	9 x 7/8	A40	624228000				
	9 x 7/8	A50		ZA50	656367000		
	9 x 7/8	A60	624229000	ZA60	656368000		
9 x 7/8	A80		ZA80	656369000			

Note: All sold in packs of 25.
4 1/2" Max. RPM - 13,300, 5" Max. RPM - 12,200,
7" Max. RPM - 10,000, 9" Max. RPM - 6,600

Backing Pads - For Resin Fiber Abrasive Discs



Order #	Diam.	Backing Nut	Use On	Max RPM
623279000	4-1/2"	M14-2.0	Metabo 4-1/2" grinders and other small grinders with M14 spindle	13,000
623283000	4-1/2"	5/8"-11	Metabo 4-1/2" grinders and other small grinders with 5/8"-11 spindle	13,000
623278000	5"	M14-2.0	Metabo 5" grinders and other small grinders with M14 spindle	12,000
623284000	5"	5/8"-11	Metabo 5" grinders and other small grinders with 5/8"-11 spindle	12,000
623281000	7"	5/8"-11	Metabo 7" or 9" sander/grinders with 5/8"-11 spindle	8,500
623282000	9"	5/8"-11	Metabo and other 9" sander/grinders with 5/8"-11 spindle	6,600

Replacement Backing Pad Nuts

Cat.No.	Nut	Pad Diam.
341130060	M14-2.0	4-1/2" & 5"
341130210	5/8"-11	4-1/2" & 5"
341130160	M14-2.0	7"
341130170	5/8"-11	7" & 9"

Wire Cup Brushes



Small Air and Electric Grinders

Order #	Dia.	Thread	Wire	Max RPM	Use on	Pkg.
623796000	2-3/4"	M14-2.0	0.014 carbon stl knotted	12,000	4"-6" grinders	Boxed
623804000	2-3/4"	5/8"-11	0.020 carbon stl knotted	12,000	4"-6" grinders	Boxed
655200000	2-3/4"	5/8"-11	0.020 carbon stl knotted	14,000	4"-6" grinders	Carded
623801000	2-3/4"	M14-2.0	0.014 stainless stl knotted	12,000	4"-6" grinders	Boxed
623805000	2-3/4"	5/8"-11	0.014 stainless stl knotted	12,000	4"-6" grinders	Boxed
655201000	2-3/4"	5/8"-11	0.020 stainless stl knotted	14,000	4"-6" grinders	Carded
655207000	2-3/4"	5/8"-11	0.012 carbon stl crimped	12,500	4"-6" grinders	Carded

Large Air and Electric Grinders

Order #	Dia.	Thread	Wire	Max RPM	Use on	Pkg.
655209000	4"	5/8"-11	0.014 carbon stl crimped	8,500	7"-9" grinders	Boxed
623765000	4"	5/8"-11	0.023 carbon stl knotted	8,500	7"-9" grinders	Boxed
655211000	6"	5/8"-11	0.014 carbon stl crimped	6,600	7"-9" grinders	Boxed
655210000	6"	5/8"-11	0.023 carbon stl knotted	6,600	7"-9" grinders	Boxed



Wire Wheel Brushes

Small Air and Electric Grinders

Order #	Dia. x Face	Thread	Wire	Max RPM	Use on	Pkg.
656303000	4" x 3/16"	M14-2.0	0.020 carbon stl knotted	20,000	4"-6" grinders	Carded
655137000	4" x 3/16"	5/8"-11	0.020 carbon stl knotted	20,000	4"-6" grinders	Carded
655135000	4" x 3/16"	M14-2.0	0.020 stainless stl knotted	20,000	4"-6" grinders	Carded
655138000	4" x 3/16"	5/8"-11	0.020 stainless stl knotted	20,000	4"-6" grinders	Carded
656302000	4" x 3/8"	M14-2.0	0.020 carbon stl knotted	20,000	4"-6" grinders	Carded
655136000	4" x 3/8"	5/8"-11	0.020 carbon stl knotted	20,000	4"-6" grinders	Carded
655215000	4" x 1/2"	5/8"-11	0.014 carbon stl knotted	20,000	4"-6" grinders	Carded
655220000	4" x 3/8"	M14-2.0	0.020 stainless stl knotted	20,000	4"-6" grinders	Carded
655221000	4" x 3/8"	5/8"-11	0.020 stainless stl knotted	20,000	4"-6" grinders	Carded
655226000	4" x 1/2"	M14-2.0	0.020 carbon stl crimped	12,500	4"-6" grinders	Carded
655227000	4" x 1/2"	5/8"-11	0.020 carbon stl crimped	12,500	4"-6" grinders	Carded



Large Air and Electric Grinders

Order #	Dia. x Face	Thread	Wire	Max RPM	Use on	Pkg.
655133000	6-7/8" x 3/16"	5/8"-11	0.020 carbon stl knotted	9,000	7"-9" grinders	Boxed
655134000	6" x 5/16"	5/8"-11	0.023 carbon stl knotted	9,000	7"-9" grinders	Carded
655218000	6" X 5/16"	5/8"-11	0.023 stainless stl knotted	9,000	7"-9" grinders	Carded

Bench Grinder

Order #	Dia.	Arbor	Wire	Max RPM	Pkg.
655216000	6" x 3/4"	5/8"-1/2"	0.014 carbon stl crimped	6,000	Carded
655217000	8" x 3/4"	5/8"	0.014 carbon stl crimped	6,000	Carded



Wire Brush Adaptors

Order #	
656300000	M10 x 1.25 x 5/8"-11 adaptor
656301000	M10 x 1.50 x 5/8"-11 adaptor

NOTE: Allows use of 5/8"-11 thread brushes on grinders with M10 thread spindles.

SAFETY NOTE: Never use wheels or other accessories rated lower than the RPM of the grinder. Eye protection is required.



Wire End Brushes-1/4" Stem

For Drills, Hammer Drills and Die Grinders

Order #	Dia.	Wire	Max RPM	Pkg.
655212000	1"	0.020 carbon stl crimped	22,000	Carded
655213000	1"	0.020 carbon stl knotted	22,000	Carded
655219000	1"	0.020 stainless stl crimped	22,000	Carded



Crimped Wheel-1/4" Stem

For Drills and Hammer Drills

Order #	Dia.	Wire	Max RPM	Pkg.
655214000	3"	0.014 carbon stl crimped	20,000	Carded
655222000	3"	0.014 stainless stl crimped	20,000	Carded



Diamond Wheels - Dry or Wet Use Cutting/Grinding of Concrete, Masonry, Stone, Block, or Brick



Tuck Pointing

1/4" thick x 10mm segment height.

Segmented Tuck Pointing Blades:

Tough cutting

Order #	Size	Spec.	Max. RPM	Pcs/Pkg
656644000	4-1/2 x 1/4 x 5/8-7/8	Premium, Fast-Cutting, Long Life	13300	1
656649000	5 x 1/4 x 5/8-7/8	Premium, Fast-Cutting, Long Life	12000	1
656645000	4-1/2 x 1/4 x 5/8-7/8	Supreme Fast-Cutting, Extreme Life	13300	1
656650000	5 x 1/4 x 5/8-7/8	Supreme Fast-Cutting, Extreme Life	12000	1



Dual Blade Tuck Pointing Blades/Sandwich design:

Freer cutting/lower power requirements

Order #	Size	Spec.	Max. RPM	Pcs/Pkg
656646000	4-1/2 x 1/4 x 5/8-7/8	Premium, Fast-Cutting, Long Life	13300	1
656651000	5 x 1/4 x 5/8-7/8	Premium, Fast-Cutting, Long Life	12000	1



Cutting

Heavy duty cutting of brick/block/concrete/masonry/stone. 10mm segment height

Segmented Diamond Cutting Blades:

Tough cutting

Order #	Size	Spec.	Max. RPM	Pcs/Pkg
656630000	4-1/2 x .080 x 5/8-7/8	Premium, Fast-Cutting, Long Life	13300	1
656631000	5 x .080 x 5/8-7/8	Premium, Fast-Cutting, Long Life	12000	1
656632000	6 x .085 x 5/8-7/8	Premium, Fast-Cutting, Long Life	10185	1
656634000	7 x .085 x 5/8-7/8	Premium, Fast-Cutting, Long Life	8730	1



Continuous Rim Turbo Diamond Cutting Blades:

Clean cutting, no chipping

Order #	Size	Spec.	Max. RPM	Pcs/Pkg
656636000	4-1/2 x .085 x 5/8-7/8	Premium, Fast Cutting, Long Life	13300	1
656637000	5 x .085 x 5/8-7/8	Premium, Fast Cutting, Long Life	12000	1
626638000	6 x .085 x 5/8-7/8	Premium, Fast Cutting, Long Life	10185	1
656640000	7 x .090 x 5/8-7/8	Premium, Fast Cutting, Long Life	8730	1



Grinding/Surface Preparation

Cup Wheels for Concrete Surface Preparation/Grinding:

Fast cut

Order #	Size	Spec.	Max. RPM	Pcs/Pkg
656652000	4-1/2 x 7/8 9 Segments	Premium Duty Long Life	13300	1
656653000	5 x 7/8 9 Segments	Premium Duty Long Life	12000	1
656654000	7 x 5/8-11 12 Segments	Premium Duty Long Life	8730	1



Cup Wheels for Aggressive Removal of Concrete / Coatings:

Long Life

Order #	Size	Spec.	Max. RPM	Pcs/Pkg
656655000	4-1/2 x 7/8 18 Segments	Premium Duty Long Life	13300	1
656656000	5 x 7/8 18 Segments	Premium Duty Long Life	12000	1
656657000	7 x 5/8-11 24 Segments	Premium Duty Long Life	8730	1

Carbide Burs - Double Cut

Spec.

Double cut solid carbide burs are designed to remove metal faster with more control, smaller chips and provides a smoother finish. Each of these double cut burs is individually packaged in a plastic tube.

Order #	Cutter Dia.	Cutter Length	Shank Dia.	Spec.	Application	Pcs/Pkg
656750000	1/4"	5/8"	1/4"	SA-1	Steel / Stainless Steel	1
656751000	3/8"	3/4"	1/4"	SA-3	Steel / Stainless Steel	1
656752000	1/4"	5/8"	1/4"	SC-1	Steel / Stainless Steel	1
656753000	3/8"	3/4"	1/4"	SC-3	Steel / Stainless Steel	1
656754000	1/2"	1"	1/4"	SC-5	Steel / Stainless Steel	1
656755000	1/2"	7/16"	1/4"	SD-5	Steel / Stainless Steel	1
656756000	1/4"	3/4"	1/4"	SF-1	Steel / Stainless Steel	1
656757000	3/8"	3/4"	1/4"	SF-3	Steel / Stainless Steel	1
656758000	1/2"	1"	1/4"	SF-5	Steel / Stainless Steel	1
656759000	3/8"	1-1/16"	1/4"	SL-3	Steel / Stainless Steel	1

Note: Other sizes and shapes are available upon request.



SA

SC

SD

SF

SL

