

Premier Red Reinforced Zirconia Alumina Abrasive

Features

- Premium zirconia alumina abrasive
- High-performance resin bond
- High-strength, reinforced construction

Benefits

- Fast cut rate
- 3 times the life of aluminum oxide
- Greatest productivity
- Free cutting action
- Long life
- Resists breakage

Use when grinding with a hand-held machine. Best choice for grinding steel, steel alloys and cast iron.



PART NO.	WHEEL SIZE	GRADING	MAX. RPM	WHEELS/BOX
For Iron/Steel/Metal				
Type 01 - For Portable Grinders				
66253060939*	3 x 1/4 x 3/8	2ZA24-RBFF	18,080	10
66253060940*	3 x 3/8 x 3/8	2ZA24-QBFF	18,080	10
66253060953*	6 x 1 x 5/8	2ZA14-QBF64	8,000	5
05539509169	6 x 1 x 5/8	2ZA14-RBF64	8,000	5
66253060957*	8 x 3/4 x 5/8	2ZA14-QBF64	6,000	5
66253060958*	8 x 3/4 x 5/8	2ZA14-RBF64	6,000	5
05539509167	8 x 1 x 5/8	2ZA14-RBF64	6,000	5
66253060960*	8 x 1 x 5/8	2ZA16-QBF64	6,000	5

* Non-stock. Ask your Carborundum representative for current lead times and minimum order quantities.



Gold Reinforced Aluminum Oxide Abrasive

Features

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

Benefits

- Fast cut rate
- Free cutting action
- Long life
- Resists breakage

Use when grinding with a hand-held machine. The economical choice for grinding steel, steel alloys and cast iron.



PART NO.	WHEEL SIZE	GRADING	MAX. RPM	WHEELS/BOX
For Iron/Steel/Metal				
Type 01 - For Portable Grinders				
05539507346*	6 x 1 x 5/8	GA16-P5BF5	6,000	5
05539507347	8 x 1 x 5/8	GA16-P5BF5	4,540	5

* Non-stock. Ask your Carborundum representative for current lead times and minimum order quantities.

Reinforced Aluminum Oxide Abrasive

Features

- Aluminum oxide abrasive
- Reinforced

Benefits

- Fast cut rate and long life
- Durable, yet cool cutting

Use when grinding with a hand-held machine. Ideal for grinding parting lines, gates and risers.



PART NO.	WHEEL SIZE	GRADING	MAX. RPM	WHEELS/BOX
For Iron/Steel/Metal				
Type 01 - For Portable Grinders				
66253060936*	3 x 1/4 x 3/8	A24-TBFF	18,080	10
05539506618	3 x 1/2 x 3/8	GA24-PBFF	18,080	10

* Non-stock. Ask your Carborundum representative for current lead times and minimum order quantities.

Portable Snagging Wheels

Premier Red Zirconia Alumina/Silicon Carbide Abrasive Blend

Features

- Premium zirconia alumina/silicon carbide abrasive blend
- High-performance resin bond

Benefits

- Fast cut rate
- 3 times the life of aluminum oxide/silicon carbide abrasive blend
- Free cutting action

Best choice for grinding dirty, scale-covered castings, aluminum and other soft metal castings.



PART NO.	WHEEL SIZE	GRADING	MAX. RPM	WHEELS/BOX
For Soft Metals				
Type 01 – For Portable Grinders				
66253060956*	6 x 1 x 5/8	2ZC14-QBF64	8,000	5
66253060961*	8 x 1 x 5/8	2ZC16-QBF64	6,000	5

* Non-stock. Ask your Carborundum representative for current lead times and minimum order quantities.

Gold Aluminum Oxide/Silicon Carbide Abrasive Blend

Features

- Quality aluminum oxide/silicon carbide abrasive blend
- Resin bond

Benefits

- Fast cut rate
- Free cutting action

Economical choice for grinding dirty, scale-covered castings, aluminum and other soft metals.



PART NO.	WHEEL SIZE	GRADING	MAX. RPM	WHEELS/BOX
For Soft Metals				
Type 01 – For Portable Grinders				
66253061064*	8 x 1 x 5/8	CGA16-P5BF5	4,540	5

* Non-stock. Ask your Carborundum representative for current lead times and minimum order quantities.

Premier Red Zirconia Alumina Abrasive

Features

- Premium zirconia alumina abrasive
- High-performance resin bond

Benefits

- Fast cut rate
- 3 times the life of aluminum oxide abrasive; greatest productivity
- Free cutting action

Best choice for grinding steel, steel alloys and cast iron. Used for grinding weld seams, cleaning metal before welding, grinding off fins and parting lines, smoothing surfaces on castings, and smoothing surfaces before painting or plating.



PART NO.	WHEEL SIZE	GRADING	MAX. RPM	WHEELS/BOX
For Iron/Steel/Metal				
Type 11 – For Portable Cup Grinders				
Full Steel Back Bushing				
66253060844*	4 / 3 x 2 x 5/8-11 Rim 3/4, Back 3/4	2ZA16-QB64	9,070	10
66253060847*	5 / 3-13/16 x 2 x 5/8-11 Rim 1, Back 3/4	2ZA16-QB64	7,260	5
66253060852*	6 / 4-13/16 x 2 x 5/8-11 Rim 1-1/2, Back 3/4	2ZA14-RB64	6,000	5
05539500694	6 / 4-13/16 x 2 x 5/8-11 Rim 1-1/2, Back 3/4	2ZA16-QB64	6,000	5
Standard Back Bushing				
05539563938	4 / 3 x 2 x 5/8-11 Rim 3/4, Back 3/4	2ZA16-QB64	9,070	10
05539509156	5 / 3-3/4 x 2 x 5/8-11 Rim 1, Back 3/4	2ZA16-QB64	7,260	5
05539508397	6 / 4-3/4 x 2 x 5/8-11 Rim 1-1/2, Back 3/4	2ZA14-RB64	6,000	5
05539509155	6 / 4-3/4 x 2 x 5/8-11 Rim 1-1/2, Back 3/4	2ZA16-PB64	6,000	5
05539507176	6 / 4-3/4 x 2 x 5/8-11 Rim 1-1/2, Back 3/4	2ZA16-QB64	6,000	5

* Non-stock. Ask your Carborundum representative for current lead times and minimum order quantities.

Aluminum Oxide Abrasive

Features

- Quality aluminum oxide abrasive
- Resin bond

Benefits

- Fast cut rate
- Free cutting action

Economical choice for grinding steel, steel alloys and all ferrous metals.



TYPE 11

PART NO.	WHEEL SIZE	GRADING	MAX. RPM	WHEELS/ BOX
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For Iron/Steel/Metal

Type 11 – For Portable Cup Grinders

Full Steel Back Bushing

05539563936*	5 / 3-13/16 x 2 x 5/8-11 Rim 1, Back 3/4	A24-PB5	7,260	5
05539507182	6 / 4-13/16 x 2 x 5/8-11 Rim 1-1/2, Back 3/4	A16-PB5	6,000	5

PART NO.	WHEEL SIZE	GRADING	MAX. RPM	WHEELS/ BOX
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For Iron/Steel/Metal

Type 11 – For Portable Cup Grinders

Standard Back Bushing

05539509166	4 / 3 x 2 x 5/8-11 Rim 3/4, Back 3/4	A16-PB5	9,070	10
66253060855*	5 / 3-3/4 x 2 x 5/8-11 Rim 1, Back 3/4	A16-PB5	7,260	5
05539509162	5 / 3-3/4 x 2 x 5/8-11 Rim 1, Back 3/4	A24-PB5	7,260	5
05539509160	6 / 4-3/4 x 2 x 5/8-11 Rim 1-1/2, Back 3/4	A16-PB5	6,000	5
05539563989	6 / 4-3/4 x 2 x 5/8-11 Rim 1-1/2, Back 3/4	A16-QB5	6,000	5
05539509159	6 / 4-3/4 x 2 x 5/8-11 Rim 1-1/2, Back 3/4	A24-PB5	6,000	5
05539507180*	6 / 4-3/4 x 2 x 5/8-11 Rim 1-1/2, Back 3/4	A24-RB5	6,000	5

* Non-stock. Ask your Carborundum representative for current lead times and minimum order quantities.

Premier Red Zirconia Alumina/Silicon Carbide Abrasive Blend

Features

- Premium zirconia alumina/silicon carbide abrasive blend
- High performance resin bond

Benefits

- Fast cut rate
- 3 times the life of aluminum oxide/silicon carbide abrasive blend
- Free cutting action

Best choice for grinding dirty, scale-covered castings, aluminum and other soft metal castings.



TYPE 11

PART NO.	WHEEL SIZE	GRADING	MAX. RPM	WHEELS/ BOX
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For Soft Metals

Type 11 – For Portable Cup Grinders

Full Steel Back Bushing

05539507178*	6 / 4-13/16 x 2 x 5/8-11 Rim 1-1/2, Back 3/4	2ZC16-QB64	6,000	5
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Standard Back Bushing

05539507177	6 / 4-3/4 x 2 x 5/8-11 Rim 1-1/2, Back 3/4	2ZC16-QB64	6,000	5
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* Non-stock. Ask your Carborundum representative for current lead times and minimum order quantities.

Aluminum Oxide/Silicon Carbide Abrasive Blend

Features

- Quality aluminum oxide/silicon carbide abrasive blend
- Resin bond

Benefits

- Fast cut rate
- Free cutting action

Economical choice for grinding dirty, scale-covered castings, aluminum and other soft metals.



TYPE 11

PART NO.	WHEEL SIZE	GRADING	MAX. RPM	WHEELS/ BOX
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For Soft Metals

Type 11 – For Portable Cup Grinders

Full Steel Back Bushing

05539507183	6 / 4-13/16 x 2 x 5/8-11 Rim 1-1/2, Back 3/4	CGA16-QB5	6,000	5
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Standard Back Bushing

66253060740*	4 / 3 x 2 x 5/8-11 Rim 3/4, Back 3/4	CGA16-PB5	9,070	10
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05539507181	6 / 4-3/4 x 2 x 5/8-11 Rim 1-1/2, Back 3/4	CGA16-QB5	6,000	5
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* Non-stock. Ask your Carborundum representative for current lead times and minimum order quantities.

Portable Snagging Cones and Plugs

Premier Red Zirconia Alumina Abrasive

Features

- Premium zirconia alumina abrasive
- High-performance resin bond

Benefits

- Fastest cut rate
- 3 times the life of aluminum oxide abrasive: greatest productivity
- Free cutting action

The best choice for grinding steel, steel alloys and cast iron, for removing burrs and flash and finishing any type of metal surface in a confined area.



PART NO.	SIZE	GRADING	MAX. RPM	WHEELS/BOX
For Iron/Steel/Metal				
Type 16 Cones (Round End)				
66253060513*	1-1/2 x 3 x 3/8-24	2ZA20-R	24,190	10
66253060541*	1-1/2 x 3 x 5/8-11	2ZA20-R	24,190	10
05539520886	2 x 3 x 5/8-11	2ZA20-R	18,145	10
05539520887	2-3/4 x 3-1/2 x 5/8-11	2ZA20-R	13,195	10
Type 17R (Round End)				
66253060533*	2 / 3/4 x 3 x 5/8-11	2ZA20-R	18,145	10
Type 18 Plugs (Square End)				
66253060510*	1-1/2 x 2-1/2 x 5/8-11	2ZA20-R	24,190	10
66253060516*	1-1/2 x 3 x 5/8-11	2ZA20-R	24,190	10
05539520889	2 x 3 x 5/8-11	2ZA20-R	18,145	10
66253060540*	2 x 3 x 5/8-11	2ZA24-R	18,145	10
Type 18R Plugs (Round End)				
05539520893	1-1/2 x 3 x 5/8-11	2ZA20-R	24,190	10
05539520891	2 x 3 x 5/8-11	2ZA20-R	18,145	10

* Non-stock. Ask your Carborundum representative for current lead times and minimum order quantities.



Cone and Plug Shapes



Gold Zirconia Alumina/Aluminum Oxide Abrasive Blend

Features

- Performance, zirconia alumina/aluminum oxide abrasive blend
- Resin bond

Benefits

- Fast cut rate
- Easily grinds scale-covered parts
- Long life

Excellent for grinding steel, steel alloys and cast iron, for removing burrs and flash and finishing any type of metal surface in a confined area.



PART NO.	SIZE	GRADING	MAX. RPM	WHEELS/BOX
For Iron/Steel/Metal				
Type 16 Cones (Round End)				
05539563710	1-1/2 x 3 x 3/8-24	3ZA24-R	24,190	10
05539563711	1-1/2 x 3 x 5/8-11	3ZA20-R	24,190	10
Type 18 Plugs (Square End)				
05539563715	2 x 3 x 5/8-11	3ZA20-R	18,145	10

BONDED ABRASIVES

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Aluminum Oxide Abrasive

Features

- Quality, aluminum oxide abrasive
- Resin bond

Benefits

- Fast stock removal
- Free cutting action

The economical choice for grinding steel or iron castings, removing burrs and flash and finishing metal surfaces in confined areas.



PART NO.	SIZE	GRADING	MAX. RPM	WHEELS/ BOX
For Iron/Steel/Metal				
Type 16 Cones (Round End)				
66253060500*	1 x 3 x 3/8-24	A24-R	36,290	10
05539564069*	1-1/2 x 2 x 3/8-24	A24-R	24,190	10
05539564068*	1-1/2 x 2-1/2 x 3/8-24	A24-R	24,190	10
05539509154	1-1/2 x 3 x 5/8-11	A24-R	24,190	10
66253060517*	1-3/4 x 3 x 3/8-24	A24-R	20,735	10
66253060523*	1-3/4 x 3 x 5/8-11	A24-R	20,735	10
05539564070	2 x 3 x 3/8-24	A24-R	18,145	10
05539509153	2 x 3 x 5/8-11	A24-R	18,145	10
05539509152	2-3/4 x 3-1/2 x 5/8-11	A24-R	13,195	10
05539564073*	3 x 3 x 5/8-11	A24-R	12,100	10
05539564071*	3 x 4 x 5/8-11	A24-R	12,100	10

* Non-stock. Ask your Carborundum representative for current lead times and minimum order quantities.

PART NO.	SIZE	GRADING	MAX. RPM	WHEELS/ BOX
For Iron/Steel/Metal				
Type 17 Cones (Square End)				
05539509150	1-1/2 / 1/2 x 3 x 3/8-24	A24-R	24,190	10
05539509149	2 / 1/2 x 3 x 5/8-11	A24-R	18,145	10
Type 17R Cones (Round End)				
05539564076*	1-1/2 / 3/4 x 3 x 3/8-24	A24-R	24,190	10
Type 18 Plugs (Square End)				
66253060512*	1-1/2 x 2-1/2 x 3/8-24	A24-R	21,490	10
05539509145	1-1/2 x 2-1/2 x 5/8-11	A24-R	24,190	10
05539509144	1-1/2 x 3 x 3/8-24	A24-R	24,190	10
05539509143	1-1/2 x 3 x 5/8-11	A24-R	24,190	10
66253060524*	2 x 2 x 3/8-24	A24-R	18,145	10
05539509142	2 x 3 x 3/8-24	A24-R	18,145	10
05539509141	2 x 3 x 5/8-11	A24-R	18,145	10
05539509139	3 x 4 x 5/8-11	A24-R	12,095	10
Type 18R Plugs (Round End)				
05539564074*	1-1/2 x 2-1/2 x 3/8-24	A24-R	24,190	10
05539509138	1-1/2 x 3 x 3/8-24	A24-R	24,190	10
05539509137	1-1/2 x 3 x 5/8-11	A24-R	24,190	10
05539509136	2 x 3 x 5/8-11	A24-R	18,145	10
05539509134	3 x 4 x 5/8-11	A24-R	12,095	10

Foundry Floorstand Snagging Wheels

Premier Red Zirconia Alumina/Aluminum Oxide Abrasive Blend

Features

- Premium zirconia alumina abrasive
- High performance resin bond

Benefits

- Fast cut rate
- 3 times the life of aluminum oxide
- Greatest productivity
- Free cutting action

Castings small enough to be carried to the grinder are ground using a floorstand wheel. Best choice for grinding all types of metals, cast iron and cast steel.

PART NO.	WHEEL SIZE	GRADING	MAX. RPM	WHEELS/ BOX
For Iron/Steel/Metal				
66253061609*	30 x 2 x 12	AZA14-QBF68	1,595	1
66253061610*	30 x 2 x 12	AZA14-RBF68	1,595	1
66253061590*	30 x 2 x 12	2ZA14-RBF68	1,595	1
66253061589*	30 x 2 x 12	2ZA16-QBF68	1,595	1

* Non-stock. Ask your Carborundum representative for current lead times and minimum order quantities.



BONDED ABRASIVES



TechTip

- Always ensure proper mounting of floorstand wheels by mounting with arrow as marked on wheel.
- Always use a safety guard.
- Always run the wheel for 1 minute before grinding.
- For optimum performance, ensure adequate air pressure and air volume when using pneumatic machines.
- Avoid loading or glazing by changing the contact angle.



It is the user's responsibility to refer to and comply with ANSI B7.1

Foundry Floorstand Snagging Wheels

Gold Zirconia Alumina/Aluminum Oxide Abrasive Blend

Features

- Performance zirconia alumina/aluminum oxide abrasive blend
- Resin bond
- High-strength, safety web construction
- Convenient 10 wheels/pallet packaging available

Benefits

- Fast cut rate
- Easily grinds scale-covered parts
- Extended wheel life
- Resists breakage
- Economical; environmentally-friendly
- Easy storage and handling

Castings small enough to be carried to the grinder are ground using a floorstand wheel. Ideal for grinding all types of metals, cast iron and cast steel.

PART NO.	WHEEL SIZE	GRADING	MAX. RPM	WHEELS/BOX
For Iron/Steel/Metal				
66253061451*	24 x 2-1/2 x 12	3AZA14-RBF68	1,990	1
66253061570*	24 x 3 x 12	3AZA14-RBF68	1,990	1
05539562953	30 x 2 x 12	3AZA14-SBF68	1,595	1
05539562952	30 x 2 x 12	3AZA16-QBF68	1,595	1

Special Pallet Pack of 10 Wheels

05539563986*	30 x 2 x 12	3AZA14-SBF68	1,595	10
05539563987	30 x 2 x 12	3AZA16-QBF68	1,595	10

* Non-stock. Ask your Carborundum representative for current lead times and minimum order quantities.

Zirconia Alumina/Aluminum Oxide Abrasive Blend

Features

- Unique zirconia alumina/aluminum oxide abrasive blend
- Resin bond
- High-strength, safety web construction

Benefits

- Competitive performance/price ratio
- Ideal for medium to low pressure applications
- Long life
- Resists breakage

Castings small enough to be carried to the grinder are ground using a floorstand wheel. The choice for medium to low pressure cast iron and metal applications - when initial-price is the main purchasing consideration.

PART NO.	WHEEL SIZE	GRADING	MAX. RPM	WHEELS/BOX
For Iron/Steel/Metal				
05539563988	30 x 2 x 12	AZ All Purpose	1,595	1

Special Pallet Pack of 10 Wheels

05539563990*	30 x 2 x 12	AZ All Purpose	1,595	10
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* Non-stock. Ask your Carborundum representative for current lead times and minimum order quantities.

Premier Red Zirconia Alumina/Silicon Carbide Abrasive Blend

Features

- Premium zirconia alumina/silicon carbide abrasive blend
- High-performance resin bond

Benefits

- Fast cut rate
- 3 times the life of aluminum oxide/silicon carbide abrasive blend
- Free cutting action

Best choice for grinding dirty, scale-covered castings, aluminum and other soft metal castings.

PART NO.	WHEEL SIZE	GRADING	MAX. RPM	WHEELS/BOX
For Soft Metals				
66253061611*	30 x 2 x 12	2ZC14-RBF68	1,595	1

* Non-stock. Ask your Carborundum representative for current lead times and minimum order quantities.

Tool Post Wheels

Aluminum Oxide Abrasive

Features

- Aluminum oxide abrasive
- Resin bond

Benefits

- Tough and durable, yet cool cutting
- High-strength and long life

Tool post wheels provide the first step in reconditioning heavily damaged high speed tool steel on post grinders and universal attachments on cylindrical grinders.



PART NO.	WHEEL SIZE	GRADING	MAX. RPM	WHEELS/BOX
For Steel/Metal				
Type 01 - For Tool Post Grinders				
05539509907	2 x 1/2 x 3/8	A36-P5B6	18,145	10
66253060947*	3 x 1/2 x 3/8	GA24-R5B6	12,095	10

* Non-stock. Ask your Carborundum representative for current lead times and minimum order quantities.

