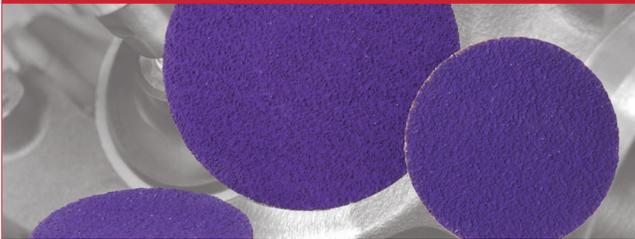


Superior Abrasives, LLC. offers three unique types of ceramic quick change discs for harder steels and alloys that are difficult to grind and finish. Variations in grain properties, backing weights and grinding aids ensure a solution to your unique application.

For higher stock removal or controlled finishing, ceramic grains are optimal for hard steels and exotic alloys, commonly found in the following metalworking industries:

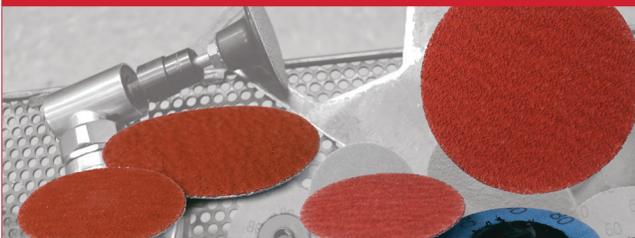
- ▶ Aerospace
- ▶ Marine
- ▶ Chemical & Food Processing
- ▶ Industrial Gas Turbines
- ▶ Medical
- ▶ Castings & Forged Parts
- ▶ Commercial & Home Appliances
- ▶ Architectural & Aesthetic Finishing

PREMIUM



A new, self-sharpening ceramic grain with advanced grinding aid substantially **reduces friction and heat to increase cutting power** on harder metals. The durable polyester backing and cooler cutting action reduce operator and product fatigue, extend life on lighter pressure applications.

ADVANTAGE



The finer crystalline structure of Ceramic Advantage grains **enhances self-sharpening effects**, resulting in consistent performance throughout life. The increased amount of smaller cutting points provides a finer finish and longer life under moderate pressure.

GRINDING AID (GA)



The ceramic grains contained in GA products provide **aggressive cut rates**, while the specialized grinding aid reduces friction to increase service life. Combined with an X-weight backing, Ceramic GA has an excellent price-performance ratio.

Proudly Distributed By:

SUPERIOR ABRASIVES, LLC
1620 Fieldstone Way
Vandalia, OH 45377
Call: (800) 235-9123
Fax: (800) 841-3441
sales@superiorabrasives.com

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Ceramic Quick Change Discs



The reduced diameter of quick change discs provide ease of use on intricate parts, and excellent control when shaping or blending surface portions. Ideally used on flat surfaces to utilize more cutting action based on grit size, the moderate flexibility of quick change discs and their holders also allow contouring and access to inner corners. The unique quick change functionality reduces changeover downtime and eases transitions between grit, material, or even abrasive type where multi-step processes are required.

Applications

- ▶ General purpose grinding and stock removal
- ▶ Deburring or parting line removal on cast parts
- ▶ Spot weld removal and blending
- ▶ Mold and cavity grinding and refurbishing
- ▶ Grinding and preparing hot castings



	PREMIUM	ADVANTAGE	GRINDING AID (GA)
	<ul style="list-style-type: none"> ▶ Light operator pressure ▶ High temp applications ▶ Aggressive cut rate on hard or exotic alloys ▶ Higher, prolonged cut rate 	<ul style="list-style-type: none"> ▶ Medium operator pressure ▶ Continual exposure of fresh, sharp cutting points ▶ Top size coat reduces loading, glazing and dulling 	<ul style="list-style-type: none"> ▶ Additional heat dissipation for high temperature grinding ▶ Sharp grains penetrate stainless steel and alloys ▶ Flexible X-weight backing ▶ Extended life and grain retention
Diameter	1" through 4"	1" through 4"	1" through 4"
Button	Type R & S	Type R & S	Type R & S
Grit	36 40 50 60 80 120 ● ○ ○ ● ● ●	36 40 50 60 80 120 ● ● ● ● ● ●	36 40 50 60 80 120 ● ● ● ● ● ●
Backing	Polyester	Polyester	Polyester
Weight	Y-Wt.	Y-Wt.	X-Wt.
Grain Type	Premium Ceramic	Fine Ceramic	Ceramic
Coating Density	Closed	Closed	Open
Other Availability	Discs & Belts	Discs & Belts	Discs & Belts

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