



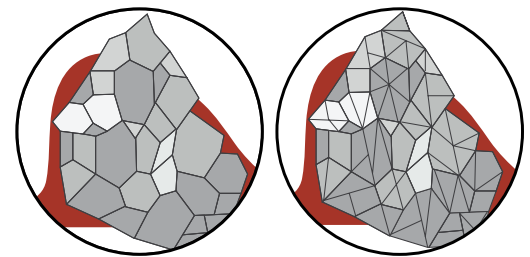
Ceramic Advantage

The breakdown of an abrasive grain is a significant factor in overall performance of a coated abrasive product. The new Ceramic Advantage grain is manufactured in a way that results in a much finer crystalline structure. Such a unique mineral fracture provides the abrasive product with a longer life, and more aggressive grains with an improved self-sharpening effect.



Significant performance advantages include a higher metal removal rate at faster cutting speeds, with a lower grinding temperature, and less friction. All of which correlate to shorter cycle times and less tool changes, resulting in reduced cost per part and an excellent cost/performance ratio.

In addition, the Ceramic Advantage line is top-sized. A top-sized product can positively impact the workpiece through a reduction in metal discoloration/oxidation, as well as minimal heat related stress cracks. It can also benefit the abrasive through reduced loading, glazing, and dulling.



finer crystalline

Advantages:

- Improved self-sharpening characteristics provide high stock removal rates and longer product life, when compared to traditional ceramic grain
- Features cool cutting technology for reducing heat and increasing performance
- Suitable for high pressure grinding applications
- Sturdy cloth backing for reliable performance
- Suitable for dry or wet grinding



Ceramic Advantage

Characteristics & Applications	Materials	Tool Selector
<ul style="list-style-type: none"> - Improved self-sharpening characteristics provide high stock removal rates and longer product life, when compared to traditional ceramic grain - Features cool cutting technology for reducing heat and increasing performance - Suitable for high pressure grinding applications - Sturdy cloth backing for reliable performance - Suitable for dry or wet grinding - Also available in belts 	<ul style="list-style-type: none"> ● Ferrous ● Non-Ferrous ● Stainless ○ Plastics ● Exotics ○ Metal Matrix ○ Composites 	

Material	Backing Material	Backing Flex	Special Feature	Grit Size						Product Form (med. to high contact pressure)					
				20	24	36	40	50	60	80	100	120	Narrow Belt	Wide Belt	Disc
Ceramic	Polyester	Very Sturdy	TOP Size, wet application	•	•	•	•	•	•	•	•	•	•	•	•
Ceramic	Fiber		TOP Size	•	•	•	•	•	•	•	•	•			•

SIZE	GRIT	MAX RPM	TYPE "S" PART #	TYPE "R" PART #
2" STD. PKG. 100	36	25,000	53824	53726
	40		53904	53899
	50		53905	53900
	60		53906	53758
	80		53907	53902
	120		53908	53876
3" STD. PKG. 100	36	20,000	53914	53814
	40		53915	53910
	50		53916	53911
	60		53917	53834
	80		53918	53912
	120		53919	53913

4" available Type "R" and Type "S":

