

REDUCED SPARKING GRINDING DISCS

Designed for grinding steel, stainless steel and other materials in nuclear plants, oil and gas industries and applications where spark reduction is an important feature

Eco Brazing (EB) diamond grinding discs from CS Unitec reduce sparking by up to 1/100 of that produced by resinoid wheels, making EB diamond a better choice than resinoid for use in some hazardous environments.

- Diamond grit protrudes higher off the EB diamond disc than traditional diamond wheels, providing greater durability, longer service life and cutting freeness
- High-tensile steel backing disc reduces plate thickness for a lightweight wheel that allows for high-rotation grinding
- High yield strength makes the steel backing disc elastic, helping to ensure that operators do not grind the material by over-removal
- Reduced sparking increases the visibility of the workpiece
- The EB diamond wheel wears approximately 1% as much as a resinoid wheel, therefore significantly reducing the amount of abrasive dust emitted
- Ideal for grinding steel and stainless steel, as well as natural stone, granite, marble, fiberglass and other materials



Benefits of reduced sparking:

- Workpiece visibility is improved, allowing more accurate grinding
- Reduced fire hazard from sparks

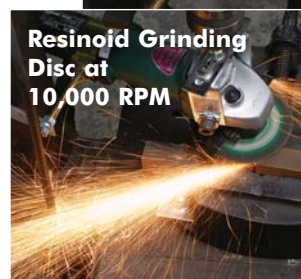
EB DIAMOND DISC Specifications

Dimensions	Diameter: 4", 7"
Max. speed	13,000 RPM (4") or 8500 RPM (7")
Ideal speed	6000 RPM (4") or 3300 RPM (7")
Grits	30, 40, 50, 60, 80
Arbor size	7/8"

EB DIAMOND DISC Ordering Information

Order No.	Size (dia. x arbor)	Grit	Max. Speed	Quantity
EB4007830	4" x 7/8"	30	13,000 RPM	1 disc
EB4007840	4" x 7/8"	40	13,000 RPM	1 disc
EB4007850	4" x 7/8"	50	13,000 RPM	1 disc
EB4007860	4" x 7/8"	60	13,000 RPM	1 disc
EB4007880	4" x 7/8"	80	13,000 RPM	1 disc
EB7007830	7" x 7/8"	30	8500 RPM	1 disc
EB7007840	7" x 7/8"	40	8500 RPM	1 disc
EB7007850	7" x 7/8"	50	8500 RPM	1 disc
EB7007860	7" x 7/8"	60	8500 RPM	1 disc
EB7007880	7" x 7/8"	80	8500 RPM	1 disc

Though EB diamond discs have been shown to reduce sparking, we make no claim that sparking will be eliminated. Follow all appropriate safety regulations (ATEX, OSHA, ANSI) for all grinding applications, including those for working in hazardous environments.

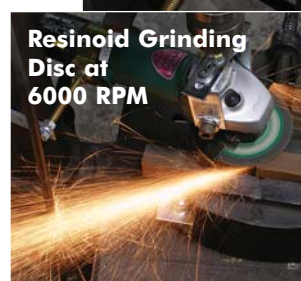


Resinoid Grinding Disc at 10,000 RPM



EB Diamond Disc at 10,000 RPM

EB diamond grinding discs reduce sparking up to 1/100 of that produced by resinoid grinding wheels (inset left).



Resinoid Grinding Disc at 6000 RPM



EB Diamond Disc at 6000 RPM