

APPLICATIONS

Used on I.D. grinding machines for a wide range of hard to grind materials, including:

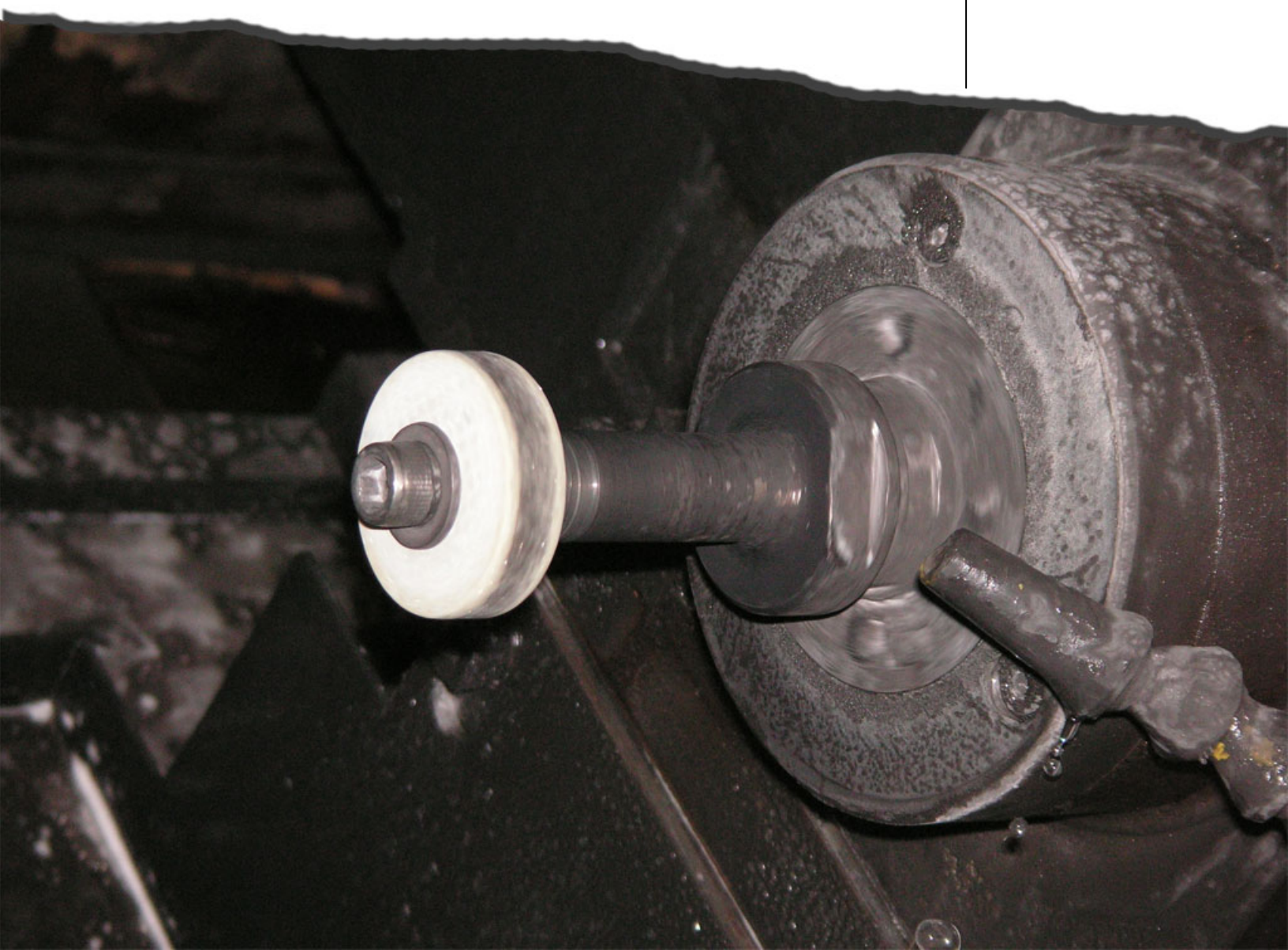
- Hardened Steels
- Powdered Metals
- Tungsten Carbide
- Engineered Ceramics
- Composites

BENEFITS

- Excellent form holding capability
- Standard and custom formulations available
- High, repeatable stock removal rates
- Controlled bond structure
- Formulations designed for roughing and finishing operations
- Excellent free-cutting characteristics

***I.D. GRINDING
WHEELS***

*Vitrified & Resin
Bonds*



I.D. GRINDING WHEELS

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FEATURES

- Abrasive crystals as small as 320 grit (29 µm) and up to 80 grit (260 µm), with tightly controlled particle size distributions (PSD)
- Standard sized ID wheels are available as well as almost limitless custom sizes and configurations
- Abrasive crystals can be diamond (natural or synthetic) or CBN
- Formulations are custom tailored to your process
- Unlimited combinations of geometries, bond hardness and matrix structures can be produced

ENGINEERED SOLUTIONS

ITI has standard formulations for many applications. In addition, ITI can custom formulate wheels for your specific application to maximize cut quality and self-dressing properties.

ITI has been producing high precision tooling since 1961. ITI products are fabricated at our 65,000 square foot facility in Oxnard, California, USA. Only the highest quality diamond, CBN and bond materials are used. Critical properties of crystals such as friability, size, shape, concentration, along with bond strength and structure are all carefully considered during the design stage to ensure optimized performance. ITI's engineering staff is proficient in working with customers to provide the best solution for each application.



www.iti-abrasives.com

1111 S. Rose Ave
Oxnard, CA 93033 USA
Phone: (800) 266-5561
Phone: (805) 483-1111
Fax: (805) 483-6302
tech@iti-abrasives.com
www.iti-abrasives.com