

APPLICATIONS

Used with precision tooling & equipment for stacking multiple saw blades, grinding wheels, and other cutting tools.

BENEFITS

- Extremely accurate pitch tolerances:
(± 0.000040 in., $1 \mu\text{m}$)
- Custom designs to meet your requirements
- Various edge profiles available
- Wide selection of spacer materials allows maximum compatibility
- Short lead times

**PRECISION
SPACERS**

*Ceramic, Titanium,
Tungsten Carbide,
Aluminum, Steel and
Graphite*



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FEATURES

- Spacer size and thickness can be tailored to your application
- OD Range: 0.3 in. to 8 in. (7.6 mm to 200 mm)
- Thickness Range: 0.015 in. to 2 in. (0.38 mm to 51 mm)
- Thickness Tolerance: ± 0.000010 in. (0.25 μm)
- Flatness: 0.9 μm (0.000035 in.)
- Parallelism: Within ± 0.000020 in. (0.5 μm)
- Surface finish: Less than 1 μ in. Ra (0.025 μm Ra)

ENGINEERED SOLUTIONS

ITI can create precision spacers for your specific application to maximize your efficiency.

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 raw materials are used. ITI's engineering staff is proficient in working with customers to provide the best solution for each application.



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