High-temperature resistant ceramic inserts for subway use

Think of it like rebar inside concrete--it boosts fracture resistance while keeping the edge sharp under pressure. This makes WG-700 perfect for high-temp materials and hard metals, ...

Called MicroWear, this family of ceramics can machine a broad range of materials from the hardest cast irons to the toughest high-temperature alloys. Engineered and manufactured using state-of-the-art ...

Compared to carbide cutting materials, this is possible at high cutting speeds and feed rates. The range of holders and the variety of geometries of the inserts enable all required machining operations for ...

The long-lasting unique design of our ceramic inserts improves wear life and impact resistance and offers improved sustainability due to fewer liners being used. The ceramic wear lining also reduces ...

WIDIA ceramic inserts offer exceptional performance and versatility in a wide range of applications and exhibit remarkable hardness, heat resistance, and wear properties.

VG Ceramic Deep Grooving Inserts designed for high-temperature alloys. Enhance your machining efficiency and precision with our advanced solutions.

Engineered with advanced whiskered ceramic technology, this insert delivers superior wear resistance and thermal stability, making it ideal for machining challenging materials such as gray cast iron, ...

Our Secomax(TM) ceramic insert grades provide optimized wear resistance and toughness when cutting parts from heat-resistant superalloys, such as Inconel, MAR, RENE, Nimonic and Waspaloy, at high ...

Made from heat-resistant ceramic, these inserts are reinforced with strands of silicon carbide to add strength and prevent chips or fractures. Also called whisker ceramic inserts, they last up to four times ...

Solution: Correctly applied ceramic insert grades offer a powerful alternative. Sialon and whisker ceramics are viable alternatives for both turning and milling of heat-resistant super alloys ...

If your operation requires high feed rates or fast machining, ceramic inserts, end mills or shell mills may be the way to go. Choose from standard inserts and tools or let our design engineers recommend ...

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