

Tungsten Carbide Rod for Precision Tooling

Tungsten carbide rod stock is essential for creating precision tools like milling cutters, drill bits, and reamers. These tungsten steel rods offer superior wear resistance, high toughness, and nano-level grain size, making them ideal for high-end cutting tool manufacturing.



Product Overview

High-Precision Tungsten Carbide Tooling

Engineered from imported ultra-fine grain tungsten carbide, these rods are manufactured using a full grinding process to ensure superior precision and surface finish. Designed for demanding production environments, the tools feature advanced coating technology developed in collaboration with global industry leaders to significantly extend tool life. This product is optimized for high-precision machining applications across aerospace, automotive, and electronics industries.

Technical Specifications

Base Material	Ultra-fine grain tungsten carbide
Manufacturing Process	Full grinding process
Coating Technology	Yes

Application Areas

Machining Capabilities

- Grooving and Cut-off
- External Turning
- Internal Turning
- Back Turning
- Small Diameter Boring

Suitable Industries	Aerospace, Aviation, Automotive, Motorcycle Manufacturing, Electric Motors, Electronics
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Performance Metrics

Performance Highlights

100 % Precision Level	1 High Surface Finish Grade
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