

Tungsten Carbide Studs for HPGR Grinding Rolls

Tungsten carbide studs are specifically designed for use in High-Pressure Grinding Rolls (HPGR). These studs provide exceptional wear resistance and durability for extended service life in demanding grinding applications.



ADDITIONAL IMAGES



Product Overview

High-Pressure Grinding Roll Studs

These high-performance tungsten carbide studs are engineered for use on rollers in High-Pressure Grinding Rolls (HPGR). Designed with exceptional hardness, strength, and impact resistance, they significantly outperform traditional hardfacing rollers by extending service life up to 10 times. These components are essential for maximizing the work efficiency and durability of grinding machinery in mining and mineral processing applications.

Technical Specifications

Key Properties	High Hardness, High Strength, Impact Resistance
Primary Application	High Pressure Grinding Rolls (HPGR)
Typical Size Reference	ø16X50 mm

Manufacturing Quality

Production Milestones

800 Tons Total Supplied Volume	6 Years Market Proven Experience
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Quality Control Features

- 60T TPA pressing machine for green compact density
- HIP (Hot Isostatic Pressing) sintering process
- 1000kg sintering capacity per batch
- Customization and mold design services