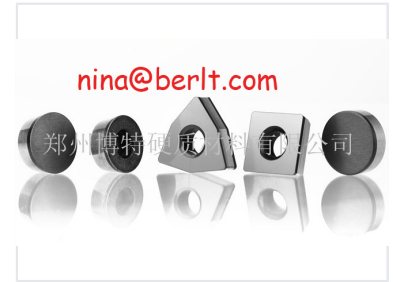


CBN Composite Insert for Gearbox Machining

CBN composite inserts are designed for high-precision machining of car gearbox components. The advanced composite structure provides cutting-edge strength, thermal stability, and efficient material removal for an excellent surface finish.



Product Overview

High-Performance CBN Composite Inserts

These Cubic Boron Nitride (CBN) composite inserts are engineered specifically for high-precision machining of automotive gearbox components. Featuring exceptional hardness and wear resistance, they ensure prolonged tool life and consistent performance in demanding industrial environments. Their advanced composite structure delivers superior cutting-edge strength and thermal stability, facilitating efficient material removal and high-quality surface finishes.

Technical Specifications

Machining Applications

- Slurry pump machining
- Roller processing
- Brake drum machining
- Gearbox component manufacturing

Compatible Materials

Hardened Steels • Cast Irons

Target Industries

Automotive, Heavy Machinery, Wind Equipment, Oil Drilling, Geologic Prospecting, Aerospace

Tool Material

PCBN (Polycrystalline Cubic Boron Nitride)