

PCBN Solid Insert for Bearing Processing

PCBN solid inserts are advanced cutting tools for high-precision bearing processing. They offer exceptional hardness and wear resistance, which enables efficient machining of hardened steels.



Product Overview

High-Precision PCBN Solid Inserts

These PCBN (Polycrystalline Cubic Boron Nitride) solid inserts are engineered specifically for high-precision bearing processing. Designed to handle the rigorous demands of machining hardened bearing steel, they offer exceptional hardness and wear resistance. Their superior thermal stability ensures consistent, high-speed performance, ultimately reducing cycle times and delivering an excellent surface finish for demanding production environments.

Technical Specifications

Insert Type	CBN Solid Insert
Compatible Workpiece Material	Bearing Steel
Workpiece Hardness	HRC 60-62

Application Details

Recommended Processing Spot	Bearing Raceway
Manufacturing Procedures	Semifinishing, Finishing