

# 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