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**DIAMOND GRINDING WHEEL**  
Super Wear-Resistance+



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**PDC DRILL BIT**  
Longer Drilling Footage+

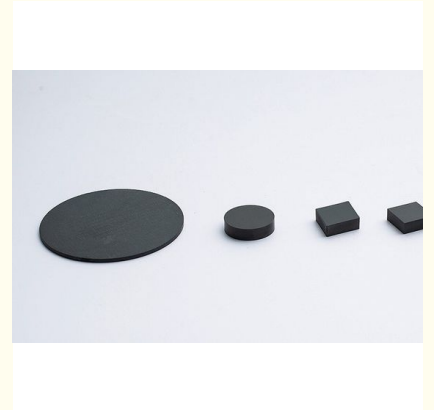


## Solid CBN Diamond Cutting Tools Overall CBN Pcbn Blanks For Cutting Tools

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Model Number: Round Disc
- Minimum Order Quantity: 1 PCS
- Packaging Details: Plastic box, Carton
- Delivery Time: 5-8 workdays
- Payment Terms: T/T, Western Union, L/C
- Supply Ability: 1500 pieces per month



#### Product Specification

- PCD Cutting Tool Blanks: PCBN Blanks
- CBN Content: 50%, 70% 90%
- Series: Solid CBN
- Shape: Round
- Application: Cutting
- Transport: By Air
- Highlight: **Solid CBN diamond cutting tools, diamond cutting tools Overall CBN, pcbn blanks For Cutting Tools**

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## Product Description

### Solid CBN, Overall CBN, PCBN Blanks For Cutting Tools

#### 1. Description:

CBN, with characteristic of high hardness, high wear resistance and high thermal stability, is made of selected CBN powder and sintered at high pressure and high temperature, with metals or ceramic binders.

#### 2. Specification:

CBN Content	Type	Property	Application
90%	Solid PCBN Carbide backed PCBN	Excellent wear resistance and anti-chipping, better impact resistance	Gray cast iron, powder metallurgy metals
70%	Solid PCBN Carbide backed PCBN	Good wear resistance and impact resistance, better chemical stability	Hardened steel, Mould steel,
50%	Solid PCBN Carbide backed PCBN	Excellent chemical stability and good thermal stability	Chilled steel

#### 3. Application:

CBN is ideal for tools in machining of high hardness and hard processed ferrous materials (HRC45-65), such as hardened steel, gray cast iron, heat resistant alloy, high-speed steel, hard facing alloys, Ni-Cr alloy, powder metallurgy metals. CBN is typically used to machine brake discs, engine blocks, engine cylinder liners, brake drums, flywheels, valve seats and guides, gears, mold and die parts, etc.

#### 4. Advantage:

Multiple grades of CBN blanks and wide range of application  
High cost-effective, Easy Processing, Good performance, High wear resistance, Consistence  
Strong technical support, Customized R&D CBN and service



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