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Polycrystalline PCD Cutting Tool Blanks Pcd Diamond 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: Polycrystalline Diamond (PCD)
- Shape: Round
- Size: 58mm
- Grain Size: 5 μ m, 10 μ m, 25 μ m
- Application: Cutting
- Transport: By Air
- Highlight: Polycrystalline PCD Cutting Tool Blanks ,
PCD Cutting Tool Blanks 58mm ,
Polycrystalline pcd diamond tools

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Product Description

Polycrystalline Diamond (PCD) For Cutting Tools, PCD Cutting Tool Blanks

1. Description:

Polycrystalline Diamond (PCD) is a material used for cutting tools, and is made by sintering synthetic diamond and binder at a high temperature and pressure. It is an essential material used to process workpiece materials such as automobile and aircraft manufacturing and to process difficult-to-cut materials, including nonferrous materials such as aluminum, ceramic, wood, silicon, carbide, CFRP, copper, etc.

2. Specification:

Grain Size	Type	Property	Application
Fine 5 μm	Round disc Cutting tips	Good surface finishing	Used for copper, bronze, aluminum, plastic, wood composites;
Medium 10 μm	Round disc Cutting tips	General purpose, a good balance of toughness and wear resistance	Used for low-medium silicon aluminum alloys, copper alloys, wood composites, etc.
Coarse 25 μm	Round disc Cutting tips	Good wear resistance	Used for high silicon aluminum alloys, metal matrix composites, laminate flooring, carbide alloy, ceramics, etc.

3. Application:

Mainly used for cutting. PCD Grade is classified based on diamond content and its particle size.

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