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PDC DRILL BIT  
Longer Drilling Footage

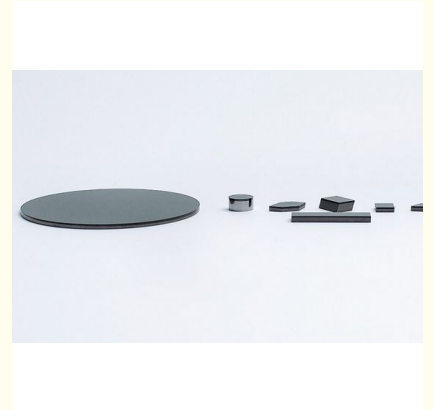


## Matalworking Industry 25 $\mu$ M Pcd Blanks Round Polycrystalline Diamond Tools

### 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: PCD Blanks
- Shape: Round
- Size: 58mm
- Grain Size: 5 $\mu$ m, 10 $\mu$ m, 25 $\mu$ m
- Application: Cutting
- Transport: By Air
- Highlight: Matalworking Industry pcd blanks,  
25 $\mu$ m pcd blanks,  
Round polycrystalline diamond tools



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## Product Description

### PCD Blanks for Matalworking Industry, PCD Discs, PCD Cutting Tool Blanks

#### 1. Description:

PCD (polycrystalline diamond) Cutting Tool Blanks are primarily used for cutting and machining nonferrous metals and alloys, such as Si/Al alloys, aluminum, copper and similar metal alloys (mainly in automotive and aerospace industries). They are also used to machining nonmetallic materials such as wood, graphite, ceramics, plastic, rubber, and so forth, where high abrasion resistance and long life are required.

#### 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.

as 0.8mm, 1.0mm, 1.2mm, 2.5mm, etc. are available for customization.

2). Special PCD thicknesses are also available for customization.

3). Both regular and irregular PCD cut tips in various shapes or profiles are available in accordance with customers'drawings.

#### 3. Application:

Many grain sizes of PCD cutting tool blanks are good for tooling various materials in automobile, aerospace industries. Our sub-micron PCD is mainly for low Si content alloys to obtain good surface finish. The fine micron PCD series are recommend in processing low Si content Al alloys, copper & copper alloys. The middle microns are mainly for 14% Si/Al alloys work pieces. The mixed microns and rough microns are good for tooling 14% Si/Al alloys work pieces, cast iron, carbide, CFRP, titanium and metal matrix composites, etc.



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