



Industries Manufacturing Circular Cutting Blade Cemented Carbides

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Seton
- Certification: CE ISO
- Model Number: Cemented Carbides
- Minimum Order Quantity: MOQ 10 Pieces
- Price: Can be discussed
- Packaging Details: 1pc/wrapper, 100pcs/box, 100boxes/ctn, Wooden and carbon boxes
- Delivery Time: 30 days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 500 Piece/Pieces per Day



Product Specification

- Product Name: Circular Cutting Blade
- Material: Cemented Carbides
- Precision: 0.01-0.05mm
- Hardness: HRC 46~62
- Outer Diameter: 300mm
- Thickness: 1.2mm
- Inner Diameter: 112mm
- Applicable Industries: Manufacturing Plant
- Highlight: Industries Circular Cutting Blade, Cemented Carbides Circular Cutting Blade, Manufacturing Circular Cutting Blade



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Product Description

Industries Manufacturing Circular Cutting Blade Cemented Carbides

Description:

Advantages of Cemented Carbide Circular Cutting Blades

1, Wear Resistance

High hardness allows them to withstand prolonged cutting and wear, extending the blade's lifespan.

2, Cutting Precision

Provides excellent cutting accuracy, suitable for high-demand cutting tasks.

3, Thermal Stability

Maintains performance under high temperatures, reducing deformation due to thermal expansion.

4, Corrosion Resistance

Strong resistance to chemicals and corrosive environments, making them suitable for various working conditions.

5, Versatility

Can be used for cutting a wide range of materials, including metals, plastics, and composites.

Disadvantages of Cemented Carbide Circular Cutting Blades

6, Brittleness

More prone to breaking, especially under impact or overload; requires careful handling.

7, Cost

Higher manufacturing costs lead to a larger initial investment.

8, Repair Difficulty

Once worn or damaged, they can be difficult to repair or sharpen, often necessitating replacement.

9, Complex Manufacturing

The production and processing are relatively complex, requiring advanced technical expertise.

10, Weight

May be heavier compared to other materials, potentially affecting ease of handling in certain applications.

Rotary Slitter Blade Specifications:

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Hardness	HRC 46~62
Outer Diameter	300mm
Thickness	1.2mm
Inner Diameter	112mm
Applicable Industries	Manufacturing Plant

Here are the situations in which it is not advisable to use cemented carbide cutting blades:

1. High Impact Environments

In applications that involve strong impacts or vibrations, cemented carbide blades are more prone to breaking. More ductile materials are recommended.

2. Cost-Sensitive Applications

For projects where cost is a significant concern, the high initial investment of cemented carbide blades may not be justified. Alternative, less expensive materials might be more suitable.

3. Cutting Soft Materials

When cutting soft materials (like foam or soft plastics), the high performance of cemented carbide may be unnecessary, and standard blades could suffice.

4. Frequent Repair and Maintenance

In applications requiring frequent repairs or sharpening, the maintenance costs of cemented carbide blades can be high, making them less ideal compared to materials that are easier to work with.

5. Complex Geometric Shapes

For tasks that require intricate shapes or fine cutting, the manufacturing complexity and cost of cemented carbide blades may be prohibitive.

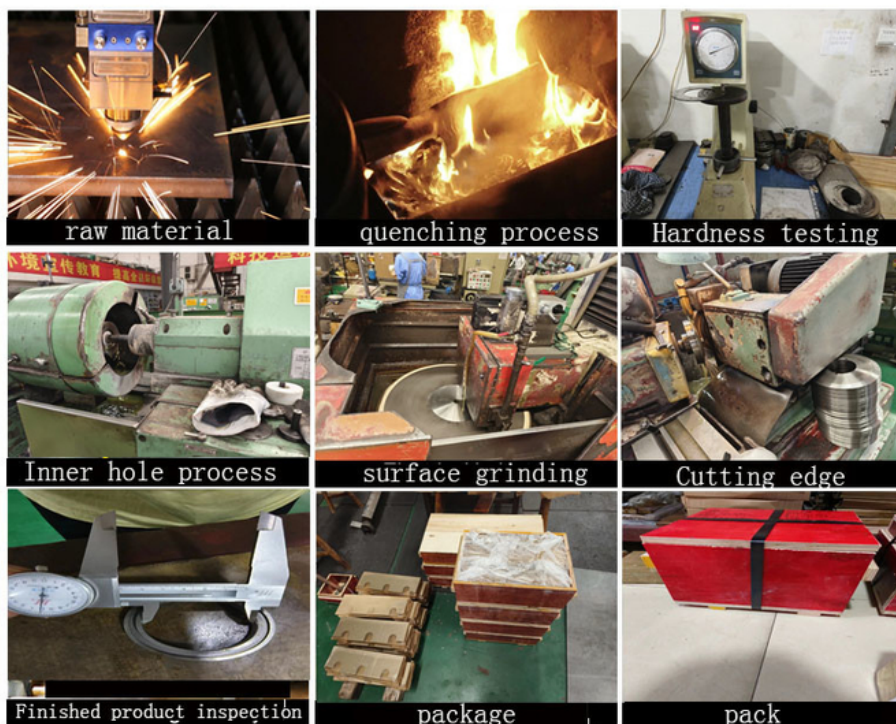
6. Lightweight Requirements

In applications where reducing weight is crucial, cemented carbide blades may be too heavy, affecting operational flexibility.

Picture:



Production process:



Packing & Delivery:



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