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Tungsten Carbide

Can be discussed

1pc/wrapper, 100pcs/box,

500 Piece/Pieces per Day

100boxes/ctn,Wooden and carbon boxes

L/C, D/A, D/P, T/T, Western Union,

slotted tungsten carbide slitter blades

57x19x0.4mm Tungsten Carbide Blade Double Edges Industrial Slotted Cutter **For Film Cutting**

Basic Information

- Place of Origin:
- Brand Name:
- Certification:
- Model Number:
- Minimum Order Quantity: MOQ 10 Pieces
- Price:
- Packaging Details:
- Delivery Time:
- Payment Terms:
- Supply Ability:

Product Specification

 Product Name: 	Blade Double Edges Industrial Slotted Cutte
• Material:	Tungsten Carbide
• Hardness:	HRC90-92
Precision:	±30 Micron
Length:	57mm
• Width:	19mm
• Thickness:	0.4mm
 Applicable Industries: 	Manufacturing Plant
• Highlight:	tungsten carbide blade double edges, slotted tungsten carbide blade,





More Images



Product Description

57x19x0.4mm Tungsten Carbide Blade Double Edges Industrial Slotted Cutter For Film Cutting

Description:

Here are the key performance characteristics of industrial double-edged slitting blades made of cemented carbide (tungsten carbide) for cutting thin films:

1, High Hardness and Wear Resistance:

These blades are manufactured using cemented carbide materials, providing very high hardness (typically around 65-70 HRC).

The high hardness gives the blades excellent wear resistance and longevity, helping to maintain stable cutting performance. 2, Sharp Dual Cutting Edges:

The blades have a double-edged design, with two cutting edges that can be used for cutting.

The dual cutting edges provide higher cutting efficiency and precision, suitable for cutting thin, fragile materials like films. 3,Excellent Cutting Smoothness:

The blade surfaces undergo special surface treatment and polishing to achieve very smooth and refined cutting edges. This helps reduce burrs and unevenness, resulting in a high-quality, smooth cut surface.

4, Anti-Adhesion Properties:

The blade surfaces are coated with special treatments to effectively inhibit material adhesion during the cutting process. This prevents issues like sticking and binding in the cut area.

5, High-Speed Cutting Capability:

Due to the advantages of the blade material and design, these slitting blades can withstand the heat and stresses generated during high-speed cutting.

This allows them to maintain good cutting performance even at higher cutting speeds.

6,Replaceable Cutting Edge Design:

Some slitting blade designs feature a replaceable cutting edge, making it convenient for users to replace the worn-out blade segment.

This replaceable design enhances the overall blade lifetime and cost-effectiveness.

Industrial Blade Specifications:

Product name	Blade Double Edges Industrial Slotted Cutter
Material	Tungsten Carbide
Hardness	HRC90-92
Precision	±30 Micron
Length	57mm
Width	19mm
Thickness	0.4mm
Applicable Industries	Manufacturing Plant

The typical size and dimensional specifications for industrial double-edged slitting blades made of cemented carbide (tungsten carbide) for thin film cutting applications include:

1,Blade Diameter:

The diameter of the circular slitting blades can range from small desktop cutter sizes (e.g., 25-60 mm) to larger industrial shear and slitter sizes (e.g., 150-300 mm).

2,Blade Thickness:

The blade thickness is typically in the range of 0.3-1.2 mm, depending on the application and the cutting machine requirements.

Thinner blades (e.g., 0.3-0.5 mm) are often used for delicate materials like thin films, while thicker blades (e.g., 0.7-1.2 mm) are suitable for cutting tougher materials like cardboard.

3,Blade Width:

The blade width can vary from narrow widths of 6-12 mm for precision cutting to wider widths of 15-30 mm for high-volume industrial slitting applications.

4,Bore/Arbor Diameter:

The bore or arbor diameter of the blades is designed to fit the specific cutting machine or slitter that the blades will be used in, typically ranging from 25-100 mm.

5,Kerf Width:

The kerf width, or the width of the cut made by the blade, is typically in the range of 0.15-0.3 mm for these thin film cutting blades.

A narrower kerf width is desirable to minimize material waste and maximize cutting efficiency.

6,Edge Angle:

The edge angle of the blades, which is the angle between the cutting edge and the blade body, can vary from 15-30 degrees depending on the application and material being cut.

Sharper edge angles (e.g., 15-20 degrees) are often used for delicate thin film cutting, while more obtuse angles (e.g., 25-30 degrees) provide better durability for cutting tougher materials.

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Packing:



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