



45x8x0.3Mm Stainless Steel 420J2 Rotary Cutter Blades For Metal Cutting Lines

Our Product Introduction

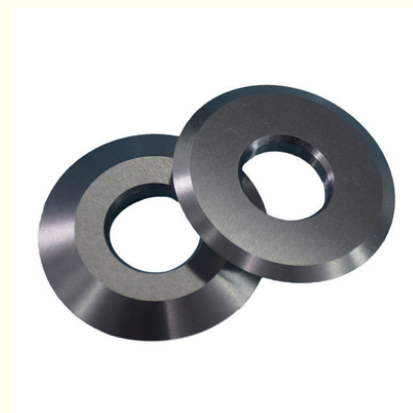
Basic Information

- Place of Origin: China
- Brand Name: Seton
- Certification: CE ISO
- Model Number: Stainless Steel 420J2
- 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: Rotary Cutter Blades
- Material: Stainless Steel 420J2
- Precision: 0.01-0.03mm
- Hardness: HRC 60-68
- Outer Diameter: 45mm
- Thickness: 0.3mm
- Inner Diameter: 8mm
- Applicable Industries: Manufacturing Plant
- Highlight: 420j2 rotary slitter blades, 420j2 circular slitter blades, rotary circular slitter blades



More Images



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Product Description

45x8x0.3Mm Stainless Steel 420J2 Rotary Cutter Blades For Metal Cutting Lines

Description:

Here is the manufacturing process for circular cutting blades:

1,Material Selection

High-carbon alloy tool steel or high-speed steel are typically used.

The material needs to have high hardness, good wear resistance, and sufficient toughness.

2,Forging and Shaping

The steel material is heated to high temperature and shaped through mechanical forging.

This initial forming step gives the blade its basic geometric shape and dimensions.

3,Heat Treatment

The pre-formed blades undergo tempering, quenching, and other heat treatment processes.

This increases the blade's hardness and wear resistance while maintaining appropriate toughness.

4,Precision Grinding

High-precision grinding machines are used to grind and finish the blade surface.

This final machining step ensures the blade's surface finish, dimensional accuracy, and sharpness.

5,Coating Application

Special coatings, such as titanium-based or nitriding treatments, are applied to the blade surface.

This further enhances the blade's wear resistance, corrosion resistance, and cutting performance.

6,Inspection and Packaging

The manufactured blades undergo strict testing of dimensions, hardness, and other specifications.

Qualified blades are then packaged with anti-rust protection before being made available for sale and use.

Rotary Slitter Blade Specifications:

Product Name	Rotary Cutter Blades
Material	Stainless Steel 420J2
Precision	0.01-0.03mm
Hardness	HRC 60-68
Outer Diameter	45mm
Thickness	0.3mm
Inner Diameter	8mm
Applicable Industries	Manufacturing Plant

Here are the key considerations when using circular cutting blades for cutting composite materials:

1,Blade Selection

Choose blades with specialized coatings or materials to improve cutting performance on composites.

If the composite contains metal components, select blades with carbide tips.

2,Tool Adjustment

Adjust the blade speed and feed rate based on the hardness and layup of the composite material.

Multi-pass or stepwise cutting may be necessary to ensure clean, quality cuts.

3,Workpiece Clamping

Composites are prone to deformation, so secure the workpiece firmly using appropriate fixtures.

Avoid any workpiece movement or vibration during the cutting process that could affect accuracy.

4,Chip Management

Composite cutting generates various types of debris that need to be regularly cleared.

Some composite chips may have sharp edges, so handle with care for safety.

5,Subsequent Processing

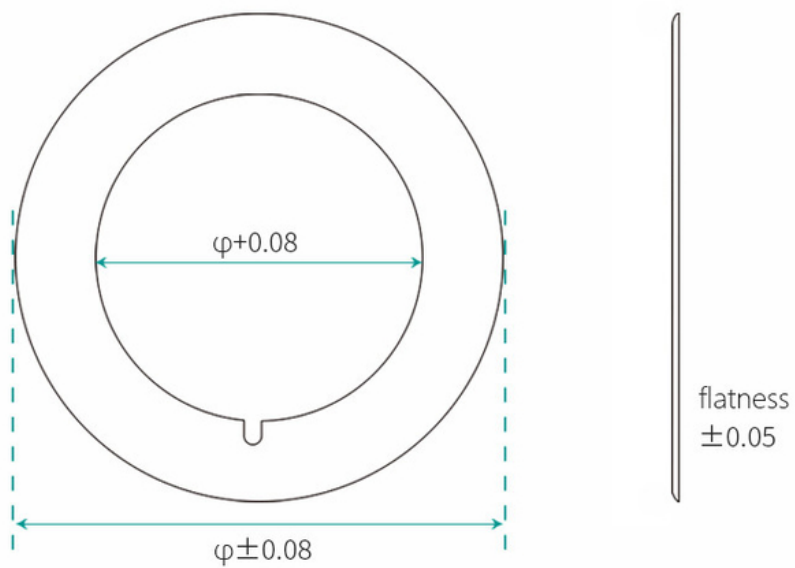
For certain multilayer composites, additional cutting or further machining may be required.

Ensure consistent quality and efficiency in any downstream processing steps.

Picture:



Size:



Applications:



PVC Slitting



Fabric slitting



Tape slitting



Wood slitting



Leather slitting

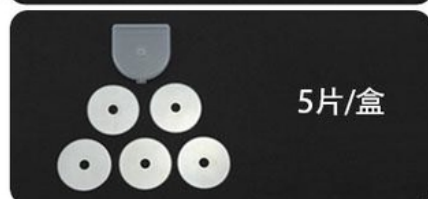
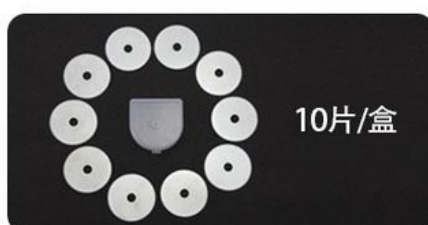


Paper tube slitting

Our Factory:



Packing & Delivery:





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