

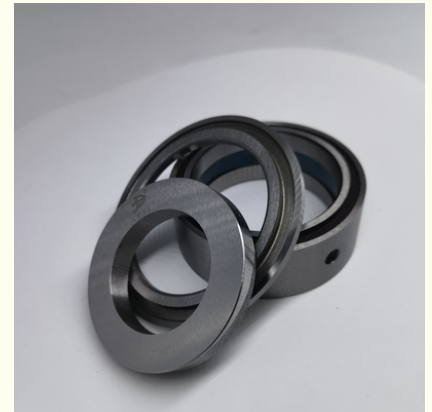


## Pneumatic Slitting Rotary Round Blade Paper Non-Woven Fabric Cutter

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: Seton
- Certification: CE ISO
- Model Number: High-Speed Steel
- 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 Round Blade Paper
- Material: High-Speed Steel
- OD: 160mm
- ID: 105mm
- Thickness: 23mm
- Precision:  $\pm 0.04\text{mm}$
- Hardness: HRC 52-76
- Application: Paper Cutting
- Highlight: **Pneumatic Slitting Rotary Round Blade, Non-Woven Fabric Cutter, Paper Non-Woven Fabric Cutter**

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## Product Description

### Pneumatic Slitting Rotary Round Blade Paper Non-Woven Fabric Cutter

#### Description:

**Here are the advantages of using high-speed steel (HSS) for paper cutting blades:**

1. High Hardness  
Durable Edge: HSS maintains a sharp cutting edge, allowing for precise and clean cuts over extended use.
2. Heat Resistance  
Performance Under Stress: HSS can withstand high temperatures generated during cutting, preventing loss of hardness and performance.
3. Wear Resistance  
Long Lifespan: The material is resistant to wear, reducing the frequency of blade replacements in high-volume applications.
4. Toughness  
Impact Resistance: HSS blades can absorb shocks and resist chipping, making them suitable for various cutting conditions.
5. Versatility  
Multi-Material Capability: Effective for cutting not only paper but also a range of other materials, making it a versatile choice for different applications.
6. Ease of Sharpening  
Maintainable: HSS blades can be sharpened relatively easily, helping to extend their useful life and maintain performance.
7. Cost-Effectiveness  
Value for Money: While initially more expensive than some other materials, the durability and longevity of HSS can lead to lower overall costs in the long run.

#### Paper Cutting Blade Specifications:

Product name	Rotary Round Blade Paper
Material	High-Speed Steel
OD	160mm
ID	105mm
Thickness	23mm
Precision	±0.04mm
Hardness	HRC 52-76
Application	Paper cutting

**Here's a comparison of high-speed steel (HSS) with other materials used for cutting blades:**

1. High-Speed Steel (HSS)  
Hardness: Very hard and retains sharpness well.  
Heat Resistance: Performs well under high temperatures.  
Wear Resistance: Durable and resistant to wear.  
Toughness: Good impact resistance, less prone to chipping.  
Sharpening: Easier to sharpen than some materials.  
Cost: Moderate cost, often offering good long-term value.
2. Cemented Carbide  
Hardness: Extremely hard, often harder than HSS.  
Heat Resistance: Excellent thermal stability.  
Wear Resistance: Superior wear resistance; suitable for heavy-duty applications.  
Toughness: More brittle, prone to chipping under impact.  
Sharpening: Difficult to sharpen; often requires replacement.  
Cost: Higher initial cost but longer lifespan can justify expense.
3. Stainless Steel  
Hardness: Generally less hard than HSS and carbide.  
Heat Resistance: Moderate heat resistance; can lose hardness at high temperatures.  
Wear Resistance: Good but not as durable as HSS or carbide.  
Toughness: Good toughness; less prone to breakage.  
Sharpening: Sharpening can be more challenging; retains sharpness moderately well.  
Cost: Typically lower cost; good for applications requiring corrosion resistance.
4. Titanium-Coated Steel  
Hardness: Steel base with a harder titanium coating.  
Heat Resistance: Improved performance under heat compared to untreated steel.  
Wear Resistance: Coating enhances wear resistance, but the underlying steel may wear faster.  
Toughness: Good toughness; resistant to breaking.  
Sharpening: Can be difficult to sharpen due to the coating.  
Cost: Moderate cost; benefits from enhanced performance.
5. Ceramic  
Hardness: Very hard; retains sharpness exceptionally well.  
Heat Resistance: High thermal stability; does not lose hardness easily.  
Wear Resistance: Excellent wear resistance but can be brittle.  
Toughness: Prone to chipping and breaking under impact.  
Sharpening: Difficult to sharpen; often requires replacement.  
Cost: Higher initial cost; used mainly for specific applications.

**Picture:**



**Applications:**

## Product Application



plastic bag



cling film



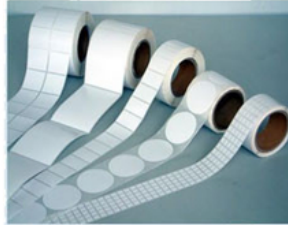
thin cloth



roll paper

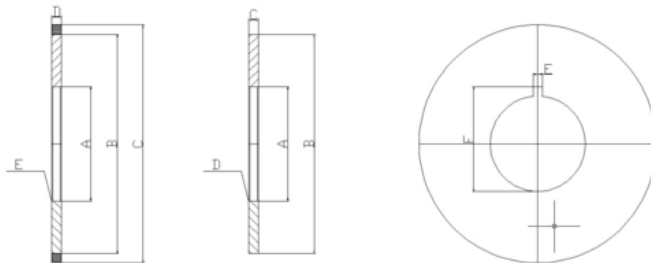


tobacco

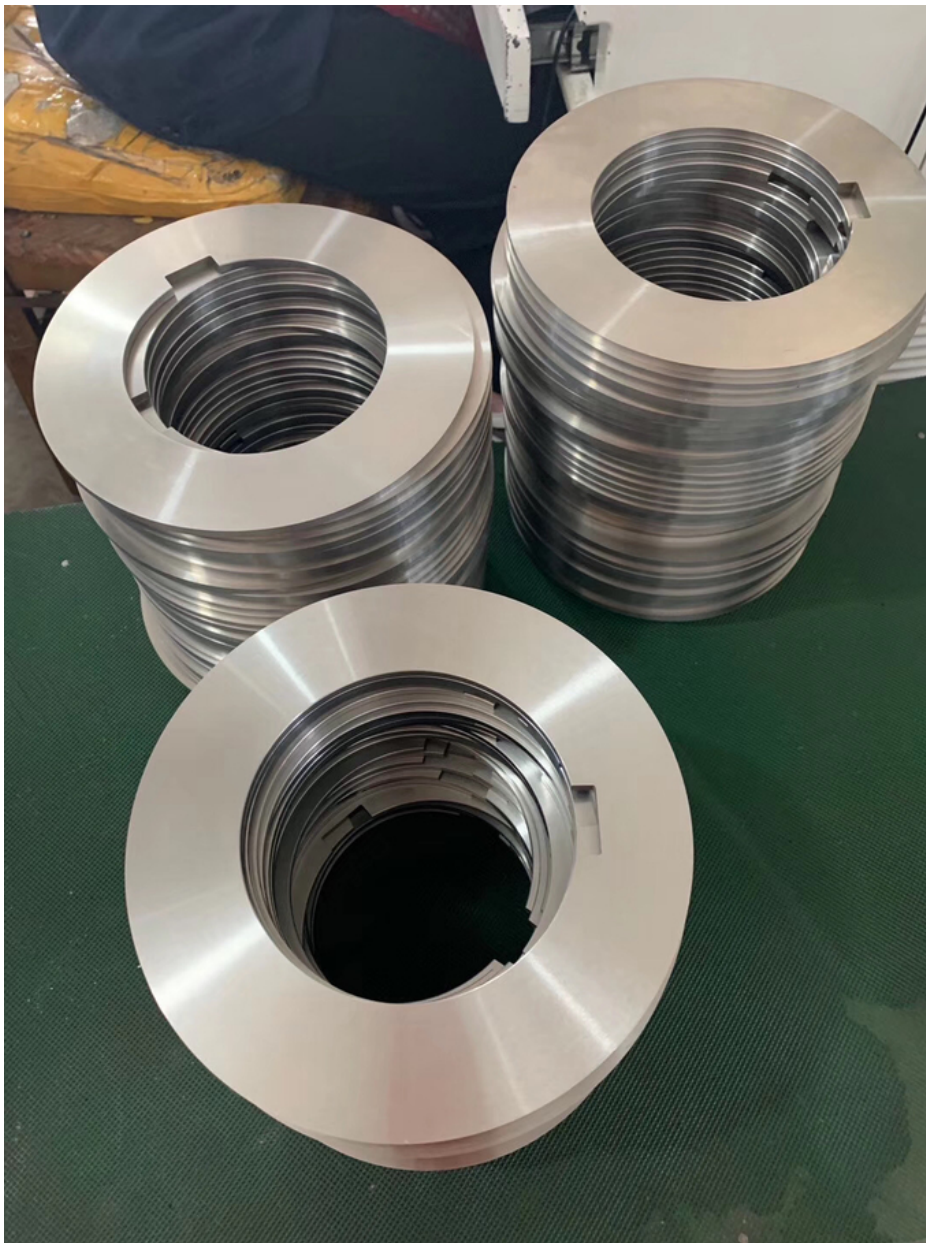


label paper

### Size:



### Packing & Delivery:



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