

China

Seton

CE ISO

SKD-11

30 days

MoneyGram

Can be discussed

1pc/wrapper, 100pcs/box,

500 Piece/Pieces per Day

Rotary round cutting blade

100boxes/ctn,Wooden and carbon boxes

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

610*68.3*3.8Mm SKD-11 Round Cutting Blade Rotary For Cutting Paper

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:

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Product Specification

 Product Name: 	Round Cutting Blade Rotary
Material:	SKD-11
Precision:	0.01-0.05mm
• Hardness:	HRC 61-63
Outer Diameter:	610mm
Thickness:	3.8mm
 Inner Diameter: 	68.3mm
 Applicable Industries: 	Manufacturing Plant
• Highlight:	SKD-11 round cutting blade, Paper round cutting blade.



More Images





Product Description

610*68.3*3.8Mm SKD-11 Round Cutting Blade Rotary For Cutting Paper

Description:

There are even more nuanced design considerations when it comes to optimizing circular blades for different cutting applications.

1,Blade Diameter:

Larger diameter blades generally have higher linear cutting speeds, but can be less maneuverable. Smaller diameter blades are more nimble and better suited for confined spaces, but have lower cutting power. The optimal blade diameter is often a balance between cutting speed, power, and accessibility requirements.

2.Blade Expansion Slots:

These slots or kerfs allow the blade to thermally expand during high-speed operation without warping or cracking. The number, size, and placement of these slots can be tailored to the blade's material and expected operating conditions. 3,Blade Coatings:

Beyond just the base material, specialized coatings can further enhance a blade's performance and lifespan. Examples include titanium nitride (TiN), diamond-like carbon (DLC), and plasma-enhanced chemical vapor deposition (PECVD) coatings.

These coatings can reduce friction, improve wear resistance, and prevent corrosion. 4.Blade Balancing:

Precise balancing of the blade during manufacturing is critical to ensure smooth, vibration-free operation.

Imbalances can lead to excessive vibration, premature wear, and reduced cutting accuracy.

Advanced techniques like dynamic balancing are used to achieve the highest levels of rotational stability. 5,Blade Inspection and Maintenance:

Regular inspection for signs of wear, warping, or damage is essential to ensure safe and effective use.

Proper blade maintenance, such as sharpening and cleaning, can significantly extend its usable lifespan.

Rotary Slitter Blade Specifications:

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Hardness	HRC 61-63		
Outer Diameter	610mm		
Thickness	3.8mm		
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Applicable Industries	Manufacturing Plant		

The application of these circular blade design factors can vary significantly across different industries and cutting applications.

1,Woodworking and Construction:

Tooth pattern: Flat-top or alternating bevel teeth are common for clean, splinter-free cuts in wood and wood-based materials.

Blade diameter: Smaller to medium diameters (6-12 inches) are typical for portable power saws and miter saws. Blade thickness: Thinner blades (1/8 to 3/16 inch) provide good maneuverability for trim work and small-scale projects.

2.Metalworking:

Tooth pattern: Angled or triple-chip teeth excel at aggressive, fast cuts through metal, steel, and alloys.

Blade diameter: Larger diameters (12-16 inches) are often used in stationary metalworking saws for increased cutting power. Blade thickness: Thicker blades (1/4 to 1/2 inch) offer the rigidity needed to withstand high-force metal cutting. 3 Masonry and Tile:

Tooth pattern: Segmented or diamond-tipped blades are preferred for cutting through hard, abrasive materials like concrete, brick, and stone. Blade diameter: Medium to large diameters (10-14 inches) provide the power needed for cutting thick, dense materials.

Blade thickness: Thicker blades (1/4 to 3/8 inch) help prevent warping or damage from the high stresses of masonry cutting. 4,Plastics and Composites:

Tooth pattern: Fine-toothed, flat-top designs produce the cleanest, most precise cuts in plastics and composite materials. Blade diameter: Smaller diameters (6-10 inches) are common for handheld power tools used in these applications. Blade thickness: Thinner blades (1/8 to 3/16 inch) offer the necessary flexibility and maneuverability for intricate cutting.

Picture:



Size:



Applications:



Our Factory:



Seton Blade----15 years of experience in the manufacture of industrial blades

Our mission is simple - make cutting effortless for our clients! To do this we ask questions about your specific application and then listen. Once we understand what you are trying to accomplish, we provide options that best meet your specific needs. we also provide extensive productand deep inventory..

Packing & Delivery:



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