Cr12MoV 108*47*8.5Mm Paper Circular Round Cutting Blades For Flat Paper Slitter Machine

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Seton
- Certification: CE ISO
- Model Number: Cr12MoV
- 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: Paper Circular Round Blade
- Material: Cr12MoV
- OD: 108mm
- ID: 47mm
- Thickness: 8.5mm
- Precision: ±0.05mm
- Hardness: HRC62-76
- Application: Paper Cutting
- Highlight: **circular round cutting blades**, **cr12mov round cutting blade**, **cr12mov round cutting blades**

More Images

Our Product Introduction

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Product Description

Cr12MoV 108*47*8.5Mm Paper Circular Round Blade For Flat Paper Slitter Machine

Description:

Circular paper cutting blades are typically made from a variety of high-performance materials, each with its own unique characteristics and benefits. Here are the common material options and their key features:

1,High-Carbon Steel:
High-carbon steel is a popular choice for paper cutting blades due to its excellent hardness and edge retention.
These blades offer a good balance of strength, durability, and cutting performance, making them suitable for a wide range of paper-based applications.
High-carbon steel blades can be sharpened and maintained relatively easily, ensuring consistent cutting quality over time.
2,Stainless Steel:
Stainless steel blades provide superior corrosion resistance, making them ideal for environments with exposure to moisture, chemicals, or acidic materials.
The stainless steel composition helps prevent rusting and pitting, extending the blade's lifespan and maintaining the cutting edge.
Stainless steel blades are often used in applications where hygiene and cleanliness are critical, such as in the food packaging and medical industries.
3,Tungsten Carbide:
Tungsten carbide is an extremely hard and wear-resistant material, offering exceptional edge retention and cutting performance.
Tungsten carbide blades can maintain their sharpness for an extended period, even in high-volume cutting applications.
These blades are often used in heavy-duty or industrial paper cutting machines, where consistent and precise cutting is essential.
4,Ceramic:
Ceramic paper cutting blades are known for their exceptional hardness and corrosion resistance.
They are lightweight, non-magnetic, and resistant to thermal and chemical degradation, making them suitable for specialized applications.
Ceramic blades can provide clean, precise cuts on a variety of paper and thin materials, and they are often used in crafting, scrapbooking, and precision cutting tools.
5,Coated Blades:
Some paper cutting blades may feature specialized coatings or surface treatments to enhance their performance and durability.
These coatings can include materials like titanium nitride or diamond-like carbon, which can improve the blade's hardness, wear resistance, and corrosion protection.
Coated blades are often used in demanding applications or environments where extended blade life and consistent cutting quality are critical.

Paper Cutting Blade Specifications:

Product name	Paper Circular Round Blade
Material	Cr12MoV
OD	108mm
ID	47mm
Thickness	8.5mm
Precision	±0.05mm
Hardness	HRC 62-76
Application	Paper cutting

Here is a comparison of the advantages and disadvantages of the common materials used for circular paper cutting blades:

High-Carbon Steel:

1,Advantages:
Excellent hardness and edge retention
Good balance of strength and cutting performance
Relatively easy to sharpen and maintain
2,Disadvantages:
Susceptible to corrosion and rust if not properly maintained
May require more frequent sharpening compared to some other materials
Stainless Steel:

1,Advantages:
Superior corrosion resistance
Suitable for use in environments with exposure to moisture, chemicals, or acids
Maintains cleanliness and hygiene
2,Disadvantages:
Generally softer than high-carbon steel, leading to faster dulling of the cutting edge

May require more frequent sharpening or replacement
Tungsten Carbide:

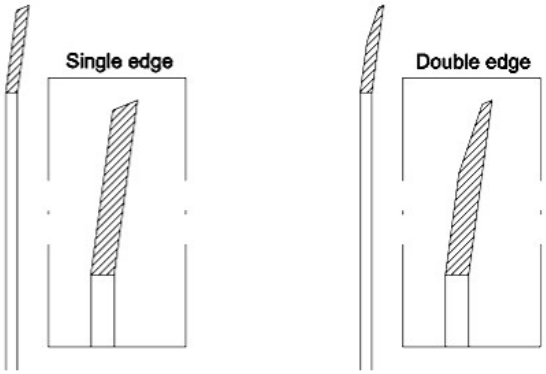
1,Advantages:
Exceptional hardness and wear resistance
Excellent edge retention, even in high-volume cutting applications
Ideal for heavy-duty or industrial paper cutting machines
2,Disadvantages:
More expensive than steel blades
Challenging to sharpen, often requiring specialized tools and techniques
Ceramic:

1,Advantages:
Extremely hard and corrosion-resistant
Lightweight and non-magnetic
Suitable for precision cutting and specialized applications
2,Disadvantages:
More brittle than metal blades, increasing the risk of chipping or breaking
Generally more expensive than steel or carbide blades
Coated Blades:

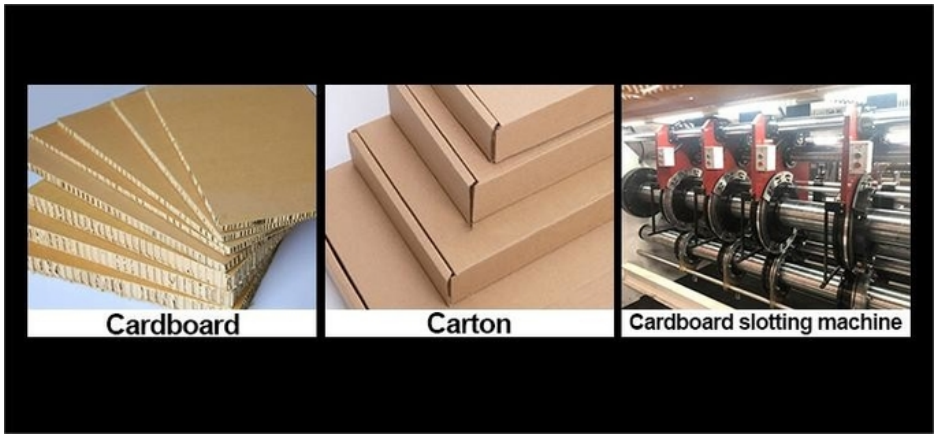
1,Advantages:
Enhanced hardness, wear resistance, and corrosion protection
Improved cutting performance and extended blade life
Suitable for demanding applications or environments
2,Disadvantages:
The coating can wear off over time, reducing the blade's performance advantages
Typically more expensive than uncoated blades
Specialized sharpening or replacement may be required

Picture:

Size:



Applications:



Packing & Delivery:

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