

China

Seton

CE ISO

30 days

MoneyGram

Tungsten Steel

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,

64mm*22mm*1.2mm Circular Saw Industrial Blade Tungsten Steel For Paper Tube Cutting Machine

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: Circular Saw Industrial Blade Tungsten Steel Material: **Tungsten Steel** HRC56-58 Hardness: • Precision: ±50 Micron 64mm • Length: • Width: 22mm • Thickness: 1.2mm • Applicable Industries: Manufacturing Plant • Highlight: circular industrial blades, circular round cutting blade, tungsten industrial blades



More Images





Product Description

64mm*22mm*1.2mm Circular Saw Industrial Blade Tungsten Steel For Paper Tube Cutting Machine

Description:

The structural features of industrial paper cutting circular blades are as follows:

1,Material Composition:

The blades are typically made from high-quality alloy steels, such as tool steel or stainless steel.

These materials provide the necessary hardness, toughness, and corrosion resistance for the demanding paper cutting applications. 2,Blade Profile:

The blades have a circular, disc-like shape with a sharp cutting edge around the circumference.

The blade diameter can range from a few inches to over a meter, depending on the paper cutting machine size. 3,Cutting Edge:

The cutting edge is precisely ground and honed to achieve a keen, sharp profile.

The edge geometry is critical for clean, accurate paper cuts with minimal tearing or fraying.

4,Blade Mounting:

The circular blades are mounted on a rotating shaft or spindle within the paper cutting machine.

Secure and precise blade mounting is essential for stable, vibration-free operation.

5,Blade Balancing:

The blades are dynamically balanced to minimize vibrations during high-speed rotation.

Proper balancing ensures smooth, consistent cutting performance and extends the blade's service life.

6,Blade Cooling:

Some paper cutting machines incorporate cooling systems to dissipate the heat generated during the high-speed cutting process.

Effective blade cooling helps maintain the cutting edge sharpness and prevent premature wear.

7,Blade Replacement:

Over time, the cutting edge of the circular blades becomes worn and requires periodic replacement. Timely blade replacement is necessary to maintain the desired cut quality and productivity.

Industrial Blade Specifications:

Product name	Circular Saw Industrial Blade
Material	Tungsten Steel
Hardness	HRC56-58
Precision	±50 Micron
Length	64mm
Width	22mm
Thickness	1.2mm
Applicable Industries	Manufacturing Plant

The material selection for industrial paper cutting circular blades is critical to ensure optimal performance and durability. The most common materials used for these blades include:

1,Tool Steels:

Tool steels, such as high-carbon and high-speed steels, are popular choices for paper cutting blades.

These steels offer excellent hardness, wear resistance, and edge retention, making them well-suited for the demanding paper cutting applications.

2,Stainless Steels:

Stainless steel blades, particularly the martensitic and precipitation-hardening grades, are also widely used.

Stainless steel blades provide good corrosion resistance, which is important in environments with moisture or chemicals. 3,Carbide-Tipped Blades:

Some paper cutting blades feature a tungsten carbide or other hard-material cutting edge, which is brazed or welded onto a steel body.

The carbide tip offers exceptional hardness and wear resistance, extending the blade's service life.

4, Coated Blades:

Blade surfaces can be coated with materials like titanium nitride (TiN) or chromium nitride (CrN) to enhance their hardness, lubricity, and anti-wear properties.

These coatings help to maintain the blade's sharpness and cutting performance for longer periods.

5,Composite Blades:

Hybrid or composite blades may combine different materials, such as a steel body with a carbide or ceramic cutting edge. The composite design can leverage the strengths of multiple materials to optimize the blade's overall performance.

Picture:





metal slitting

disposable paper

lithium

gummed tape slitting

Packing:

