



80X40X1mm HSS Industrial Round Knife Blade For Cutting Leather

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Seton
- Certification: CE ISO
- Model Number: HSS
- 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: Industrial Round Knife Blade
- Material: HSS
- Hardness: HRC52-68
- Precision: ± 50 Micron
- Length: 80mm
- Width: 40mm
- Thickness: 1mm
- Applicable Industries: Manufacturing Plant
- Highlight: hss round knife blade, hss rotary knife blade, cutting leather round knife blade



More Images



for more products please visit us on blade-industrial.com

Product Description

80X40X1mm HSS Industrial Round Knife Blade for Cutting Leather

Description:

Industrial circular blades have a wide range of applications across various industries. Some of the key application areas for these specialized blades include:

1, Paper and Cardboard Cutting:

Circular blades are extensively used in industrial paper and cardboard cutting machines. They are well-suited for high-volume, precise cutting of paper, paperboard, and corrugated materials.

2, Textile and Fabric Cutting:

Circular blades are commonly found in textile and fabric cutting machines, used for cutting fabrics, leather, and other pliable materials.

Their rotary cutting action allows for efficient and clean cuts, even on thick or multi-layered materials.

3, Plastic and Polymer Cutting:

Circular blades can be used to cut through a variety of plastic and polymer-based materials, such as sheets, films, and extrusions.

The sharp, durable blades provide precise and controlled cutting of these materials.

4, Rubber and Tire Cutting:

In the tire and rubber manufacturing industry, circular blades are used to trim, slice, and cut rubber compounds and tire components.

The high-power, high-speed cutting capabilities of these blades are well-suited for the demands of the rubber processing industry.

5, Food Processing:

Circular blades are employed in various food processing applications, such as slicing, dicing, and shredding of vegetables, fruits, and other food items.

The blades are designed to be hygienic and meet food safety standards.

6, Metal Fabrication:

Circular blades are used in metal fabrication processes, such as shearing and cutting of sheet metal, tubes, and profiles. Specialized high-speed steel or carbide-tipped blades are employed for these demanding metal cutting applications.

7, Composite Materials Cutting:

In the aerospace, automotive, and construction industries, circular blades are used to cut through composite materials like fiberglass, carbon fiber, and advanced polymer-based composites.

Industrial Blade Specifications:

Product name	Industrial Round Knife Blade
Material	HSS
Hardness	HRC52-68
Precision	±50 Micron
Length	80mm
Width	40mm
Thickness	1mm
Applicable Industries	Manufacturing Plant

When working with industrial circular blades, there are several special considerations and safety precautions that should be taken into account. Here are some of the key points to be aware of:

1, Blade Sharpness:

Circular blades must be kept extremely sharp to maintain their cutting performance and efficiency. Dull or worn blades can cause increased friction, heat buildup, and potential safety hazards.

2, Blade Balancing:

Proper balancing of the circular blades is crucial for smooth, vibration-free operation.

Any imbalance can lead to excessive vibrations, which can compromise the cutting accuracy and potentially cause damage to the machinery.

3, Blade Guarding:

Appropriate guarding and shielding must be in place to protect workers from accidental contact with the rotating blades.

Proper blade guarding is essential for ensuring the safety of personnel operating the equipment.

4, Blade Cooling:

Continuous blade cooling, often through the use of coolant or air, is necessary to prevent excessive heat buildup during high-speed cutting.

Overheating can damage the blade's cutting edge and potentially create fire hazards.

5, Blade Inspection and Maintenance:

Regular inspection and maintenance of the circular blades are crucial for reliable and safe operation.

Any signs of damage, wear, or imbalance should be addressed promptly by qualified personnel.

6, Blade Replacement:

Blades must be replaced when they can no longer be effectively sharpened or when the wear exceeds the recommended limits.

Continued use of worn or damaged blades can compromise product quality and pose significant safety risks.

7, Material Compatibility:

Ensure that the circular blades are suitable for the specific materials being cut, as some materials may require specialized blade materials or coatings.

Incompatibility between the blade and the workpiece can lead to premature wear or even blade failure.

8.Operator Training:

Proper training and certification of equipment operators are essential to ensure the safe and efficient use of industrial circular blades.

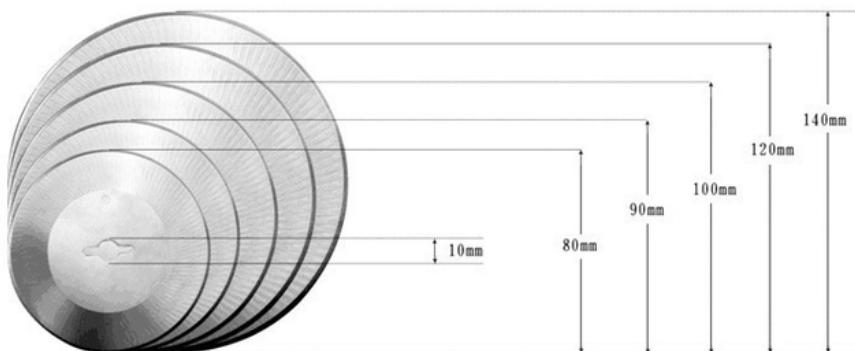
Operators should be familiar with the blade's capabilities, maintenance requirements, and safety protocols.

Picture:





Size:



OD(mm)	80	90	100	120	140
ID(mm)	10	10	10	10	10
Thickness(mm)	1.6	1.6	1.6	1.6	1.6

OD(mm)	80	90	100	120	140
ID(mm)	13	13	13	13	13
Thickness(mm)	1.6	1.6	1.6	1.6	1.6

Applications:

Plastic Crushing Pulverizer Line



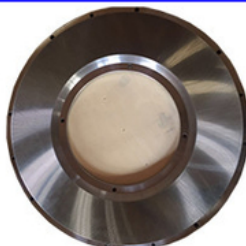
Disc PP PE PVC Pulverizer



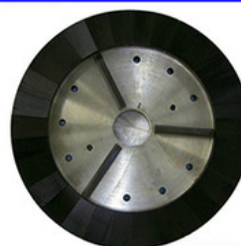
PVC Type Blades



Disc Type



Segment Blades



Plastic Crusher



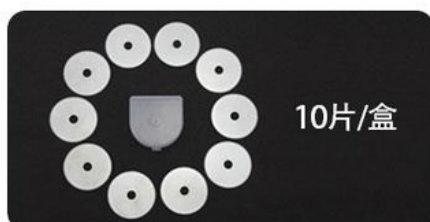
PVC Pulverizer



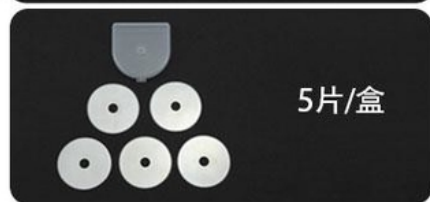
Knife Sharpener



Packing:



10片/盒



5片/盒



Jiangsu Seton Industrial Technology Co.,Ltd



+86 15852715407



alen@setonindustrial.com



blade-industrial.com

No.99 Furong Mid Three Road,Xishan Economic Development Zone.Wixi.