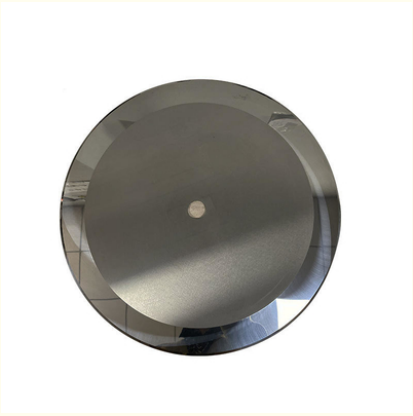
Ceramic 250*20*1.6mm Industrial Round Slitter Blades For Cutting Fabric

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Seton
- Certification: CE ISO
- Model Number: Ceramic
- 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 Blades
- Material: Ceramic
- Hardness: HRC52-76
- Precision: ±50 Micron
- Length: 250mm
- Width: 20mm
- Thickness: 1.6mm
- Applicable Industries: Manufacturing Plant
- Highlight: **ceramic paper slitter blades**, **ceramic round slitter blades**, **cutting fabric paper slitter blades**

More Images

Our Product Introduction

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Product Description

Ceramic Industrial Round Blades For Cutting Fabric 250mm

Description:

Industrial slit saw blades offer several advantages and limitations in metal fabrication and processing applications:
Advantages:
Precision Cutting:
Slit saw blades can make accurate and clean cuts on a variety of metal materials, ensuring dimensional precision for the final products.
This is particularly important in applications where tight tolerances are required, such as in the production of metal components and assemblies.
Versatility:
Slit saw blades can handle a wide range of metal types, including steel, aluminum, stainless steel, and other alloys.
This versatility allows them to be used in diverse metal fabrication processes, from pipe cutting to sheet metal slitting.
Productivity:
The consistent and efficient cutting performance of slit saw blades can help increase production throughput and reduce manufacturing time.
This contributes to improved overall efficiency in metal processing operations.
Cost-Effectiveness:
Slit saw blades are generally more cost-effective compared to other cutting tools, such as laser or waterjet cutting systems, for certain metal fabrication tasks.
This makes them a viable option for small to medium-sized metal manufacturing enterprises.
Limitations:
Material Thickness Limitations:
Slit saw blades have limitations in terms of the maximum thickness of metal they can cut effectively.
Thicker metal materials may require alternative cutting methods or specialized high-power slit saw configurations.
Burr Formation:
Depending on the metal type and cutting parameters, slit saw blades can sometimes create burrs or rough edges on the cut surfaces.
This may require additional deburring or finishing operations to achieve the desired surface quality.
Heat Generation:
The cutting process using slit saw blades can generate significant heat, which may affect the workpiece and the tool itself.
Proper cooling and lubrication strategies are often necessary to manage heat-related issues and maintain blade performance.
Noise and Vibration:
The high-speed cutting action of slit saw blades can produce considerable noise and vibration, which may necessitate the use of noise-dampening measures and robust machine setups.

Industrial Blade Specifications:

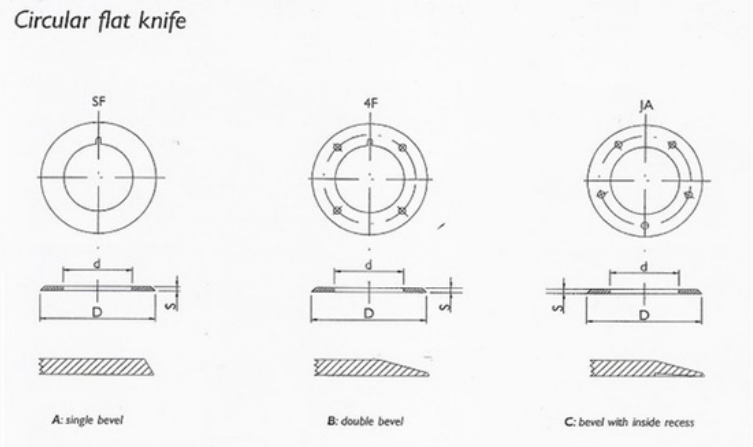
Product name	Paper Industrial Knife Blade
Material	Tungsten Steel
Hardness	HRC56-72
Precision	±50 Micron
Length	60mm
Width	15mm
Thickness	2.2mm
Applicable Industries	Manufacturing Plant

Slit saw blades often offer a more cost-effective solution compared to other metal cutting tools in several ways:
Lower Capital Investment:
The initial cost of acquiring slit saw blades is generally lower than that of specialized cutting equipment, such as laser cutters or waterjet systems.
This makes slit saw blades more accessible for small to medium-sized metal fabrication enterprises with limited capital budgets.
Reduced Operating Costs:
The operational costs associated with slit saw blades, including energy consumption, maintenance, and consumables, are typically lower than those of advanced cutting technologies.
This contributes to a more favorable overall cost of ownership over the lifetime of the cutting tools.
Versatility and Adaptability:
Slit saw blades can be used to cut a wide range of metal materials and thicknesses, reducing the need for multiple specialized cutting tools.
This versatility allows metal fabricators to handle a variety of cutting tasks using a single slit saw blade setup, further enhancing the cost-effectiveness.
Ease of Use and Maintenance:
Slit saw blades are generally simpler to operate and maintain compared to complex cutting machines, requiring less specialized labor and training.
The straightforward maintenance and longer tool life of slit saw blades can lead to reduced downtime and higher overall productivity.
Scalability:
Slit saw blades can be easily integrated into existing metal fabrication workflows and can be scaled up or down based on

production requirements.
This flexibility allows metal fabricators to match their cutting capacity to the evolving needs of their business, optimizing their overall cost structure.

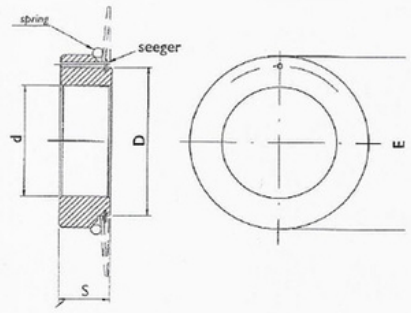
Picture:

Size:

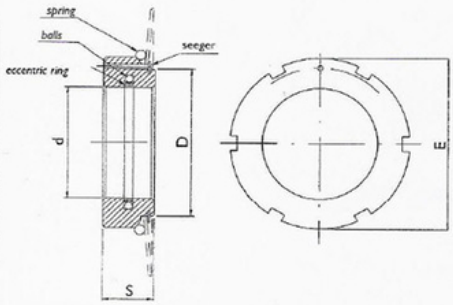


Knife holder

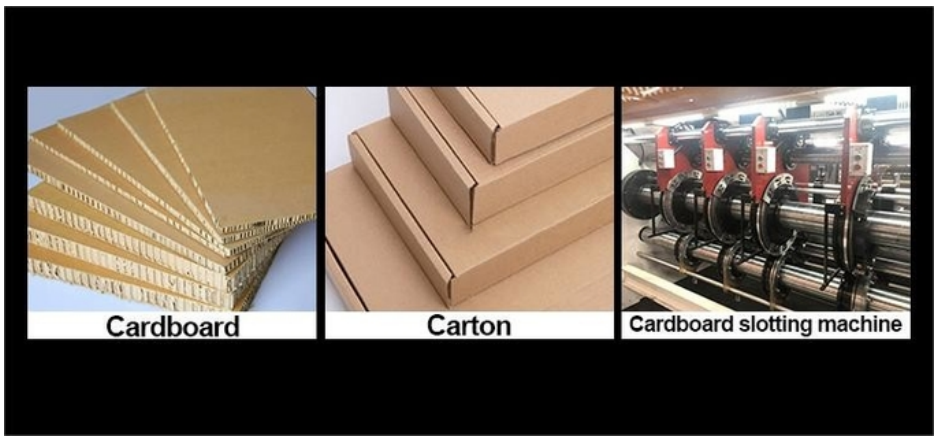
E	D	d	S
54	45	30	10
80	70	45	10
86	75	60	5-8-10-15



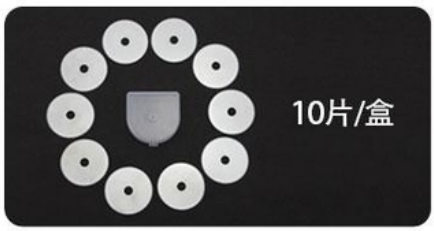
E	D	d	S
49	40	25	10
54	45	30	10-15
60	50	40	10
70	60	35	10
70	60	40	10-15
75	65	45	10-15*-20*
80	70	35	15
80	70	45	10
86	75	60	10-15-20*
110	100	80	15*-20

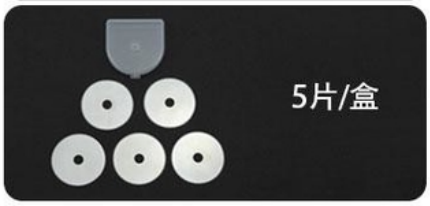


Applications:



Packing:





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