120Mm*55Mm*2Mm Industrial Cutting Knife Blade Good Performance Printing Cutting

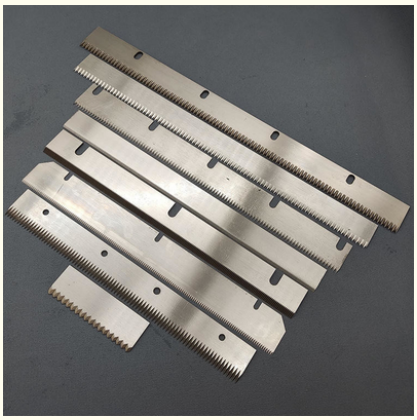
Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Seton
- Certification: CE ISO
- Model Number: Tool Steel
- 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 Cutting Knife Blade
- Material: Tool Steel
- Hardness: HRC48-68
- Precision: ±30 Micron
- Length: 120mm
- Width: 55mm
- Thickness: 2mm
- Applicable Industries: Manufacturing Plant
- Highlight: **Good Performance Industrial Cutting Knife Blade**, **Industrial Printing Cutting Knife Blade**, **Industrial Cutting Printing Knife Blade**



Our Product Introduction

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Product Description

120Mm*55Mm*2Mm Industrial Cutting Knife Blade With Good Performance Printing Cutting

Description:

Here are the typical applications for the various industrial blade materials:

1,High-Carbon Steel:
Heavy-duty cutting and slicing applications
Woodworking and construction tools
General purpose industrial knives and blades
2,Stainless Steel:
Food processing and packaging
Pharmaceutical and medical equipment
Chemical processing industries
Corrosive or wet environments
3,Tool Steel:
Metalworking and machining
Stamping and punching tools
Shearing and cutting of thick, hard materials
4,Ceramic:
Cutting of non-metallic materials like plastics, composites, and glass
Food processing applications requiring chemical resistance
Medical and surgical instruments
5,Tungsten Carbide:
High-precision cutting of metals, wood, and other hard materials
Woodworking tools like saw blades and router bits
Metalworking tools like milling cutters and drill bits
6,Composite Materials:
Specialty applications requiring a balance of weight, strength, and corrosion resistance
Aerospace and transportation industries
Certain food processing and packaging environments
7,Plastic/Polymer:
Light-duty cutting and slicing tasks
Applications where lightweight and safety are prioritized
Food service and retail environments

Industrial Blade Specifications:

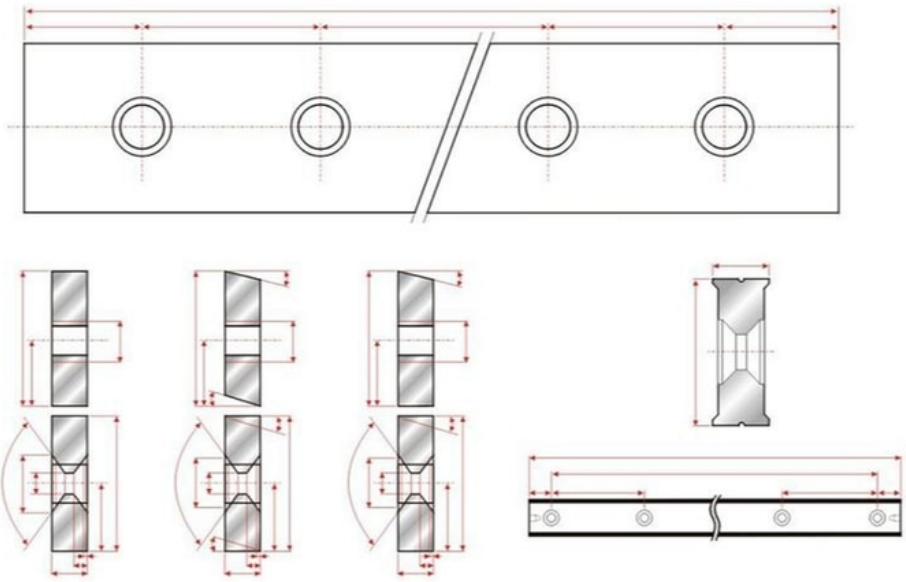
Product name	Industrial Cutting Knife Blade
Material	Tool Steel
Hardness	HRC48-68
Precision	±30 Micron
Length	120mm
Width	55mm
Thickness	2mm
Applicable Industries	Manufacturing Plant

When selecting an industrial blade material for a specific application, there are several key factors to consider:

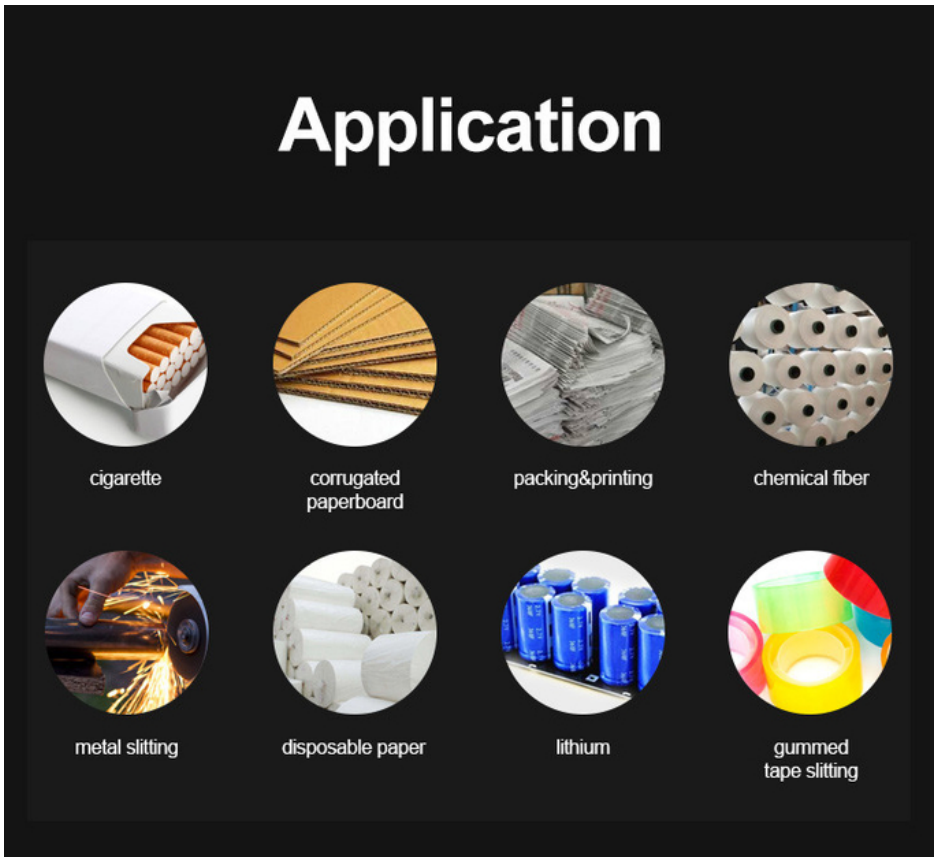
1,Hardness and Wear Resistance:
The blade material needs to maintain its sharpness and cutting edge for the required lifespan.
Harder materials like tool steel and tungsten carbide offer superior wear resistance.
2,Toughness and Impact Resistance:
The blade should be able to withstand the forces and impacts associated with the cutting application.
Materials like high-carbon steel and tool steel excel in this area.
3,Corrosion Resistance:
For applications in wet, chemical, or food processing environments, corrosion resistance is crucial.
Stainless steel and ceramic blades are well-suited for corrosive conditions.
4,Thermal Stability:
Some applications may involve exposure to high temperatures, which can affect the blade's performance.
Tungsten carbide and ceramic blades have excellent thermal stability.
5,Weight and Ergonomics:
For handheld tools, the weight of the blade can impact user comfort and fatigue.
Lightweight materials like ceramic and polymer-based blades can improve ergonomics.
6,Cost and Availability:
The budget and supply chain constraints may influence the choice of blade material.
Stainless steel and high-carbon steel are often more cost-effective than specialized materials.
7,Application-Specific Requirements:
Factors like the workpiece material, cutting speed, precision, and safety needs should be considered.
For example, ceramic blades may be preferred for cutting non-metallic materials.

Picture:

Size:



Applications:


Application
cigarette
corrugated paperboard
packing&printing
chemical fiber
metal slitting
disposable paper
lithium
gummed tape slitting

Packing:

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