SKD11 Industrial Cutting Blade Long Thin Slitting For Cutting Metal Plate

Basic Information

- Place of Origin: China
- Brand Name: Seton
- Certification: CE ISO
- Model Number: SKD11
- 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 Blade Long Thin Slitting
- Material: SKD11
- Hardness: HRC56-92
- Precision: ±30 Micron
- Length: 1490mm
- Width: 50mm
- Thickness: 2mm
- Applicable Industries: Manufacturing Plant
- Highlight: **SKD11 industrial cutting blade**, **Thin Slitting industrial cutting blade**, **Metal Plate industrial cutting blade**

More Images

Product Description

SKD11 Industrial Cutting Blade Long Thin Slitting For Cutting Metal Plate

Description:

Industrial cutting blades have a wide range of primary applications across various industries and sectors, including:

1,Electronics and Electrical Industry:
Used to cut PCB circuit boards, flexible circuits, thin-film electronic components, etc.
Applicable for manufacturing and repair of electronic products such as smartphones, computers, and home appliances.
2,Optical and Photonics Industry:
Used to cut optical glass, optical films, and thin-film coatings.
Widely used in the production of display panels, optical lenses, optical fibers, and other optical products.
3,Packaging Industry:
Used to cut various flexible packaging materials, such as plastic films, aluminum foils, and paper.
Applied in the production of packaging for food, medical, and consumer goods.
4,Textile and Apparel Industry:
Used to cut textile fabrics, leather, and other fibrous materials.
Meets the cutting requirements for garments, home textiles, and automotive upholstery.
5,Automotive Manufacturing:
Used to cut automotive interior and exterior trim materials, seat fabrics, carpets, etc.
Satisfies the cutting needs in the automotive manufacturing and assembly processes.
6,General Industrial Manufacturing:
Used to cut a variety of industrial raw materials, such as metal sheets, rubber, and plastics.
Widely applied in various stages of industrial processing and fabrication.

Industrial Blade Specifications:

Product name	Industrial Cutting Blade Long Thin Slitting
Material	SKD11
Hardness	HRC56-92
Precision	±30 Micron
Length	1490mm
Width	50mm
Thickness	2mm
Applicable Industries	Manufacturing Plant

The manufacturing process of industrial cutting blades exhibits the following key characteristics:

1,Material Selection:
Tungsten carbide (cemented carbide) is the primary material choice, offering excellent hardness, wear resistance, and toughness.
Specialty applications may also utilize high-speed steel, ceramic, and other hard material compositions.
2,Shaping Techniques:
Powder metallurgy is a common manufacturing method, where carbide and metal powders are pressed and sintered to shape.
Additional mechanical processing, such as hot forging and cold rolling, may be employed to further enhance the blade properties.
3,Surface Treatment:
The blades are often coated with wear-resistant thin films through chemical or physical vapor deposition techniques, such as TiN or AlTiN.
The coatings significantly improve the wear resistance and service life of the cutting blades.
4,Geometric Design:
The blade shape is optimized for specific applications, with parameters like taper angle and edge geometry carefully designed.
Precise geometric features contribute to improved cutting efficiency and precision.
5,Finishing Processes:
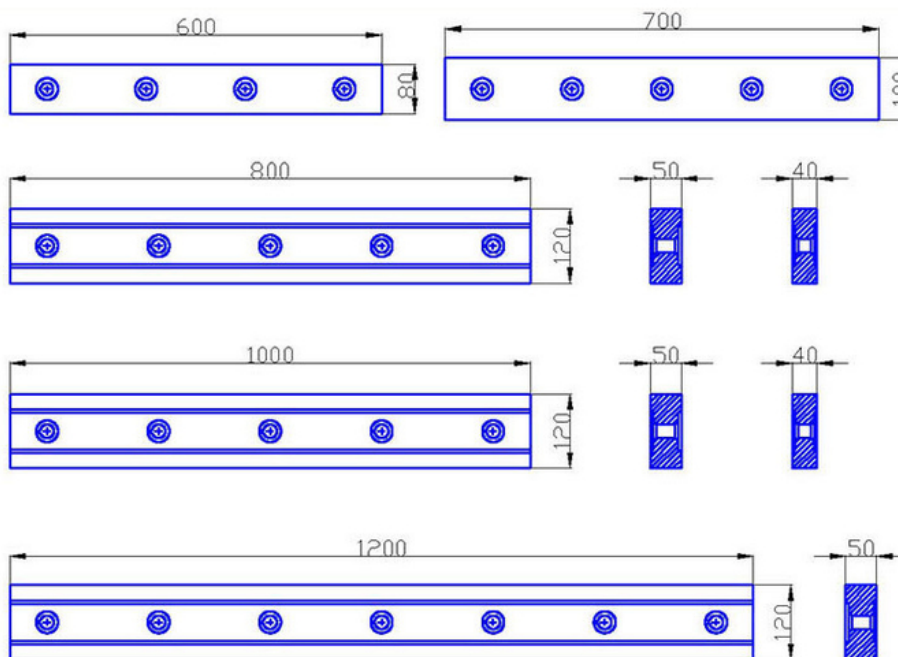Final steps include precise grinding and polishing to ensure a smooth and sharp cutting edge.
Stress-relief heat treatment may also be performed to enhance the impact resistance of the blades.
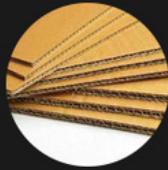
Picture:

Size:

DRAWING OF CUTTING MACHINE BLADES

600	80
700	100
800	120	50	40
1000	120	50	40
1200	120	50

Applications:

Application

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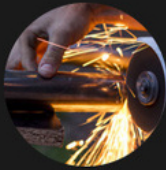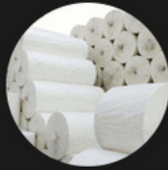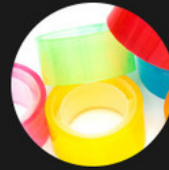
Packing:

packing

01 finished product
02 manual testing
03 machine testing
04 cleaning bagging
05 packaging

TNT

DHL

ups

FedEx Express

EMS

shipping

Russia
Europe
China
America
India
Southeast Asia
Africa
Australia