



Cr12MoV Industrial Blade 95Mm Length For Various Applications

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Seton
- Certification: CE ISO
- Model Number: Cr12MoV
- 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 Blade
- Material: Cr12MoV
- Hardness: HRC 85~94
- Precision: ± 30 Micron
- Length: 95mm
- Width: 19mm
- Thickness: 0.4-0.6mm
- Applicable Industries: Manufacturing Plant
- Highlight: cr12mov industrial blades, cr12mov round cutting blade, 95mm industrial blades



More Images



Product Description

Cr12MoV Industrial Blade 95Mm Length For Various Applications

Description:

Industrial blades are essential key components in various machinery and manufacturing processes. Here is a main introduction to industrial blades:

1,Material Selection:

High-performance materials such as wear-resistant alloy steels, super-hard alloys, and ceramics are commonly used. The hardness, toughness, heat resistance, and other properties of the materials directly affect the blade's service life and performance.

2,Blade Structure:

Different edge geometries are designed, including flat, wavy, and serrated profiles. The blade edges are commonly precision-ground and polished to maintain an extremely sharp cutting edge. The blades typically have a central mounting hole for installation on mechanical equipment.

3,Application Areas:

Industrial blades are widely used in metal processing, paper processing, rubber and plastic processing, and various other industrial sectors. Examples include cutting machines, shredders, slitting machines, and punch presses, which utilize these industrial blades.

4,Performance Characteristics:

Excellent wear resistance, allowing the blades to maintain their sharp cutting performance for an extended period. High strength and toughness, with strong resistance to impact and deformation. Corrosion resistance, heat resistance, and other properties suitable for harsh operating environments. Customizable blade structures and coatings for specific application requirements.

5,Maintenance and Care:

Regular inspection of blade condition and timely replacement of excessively worn blades. Proper adjustment of tool parameters to ensure cutting precision and quality. Necessary protective measures to extend the service life of the blades.

Industrial Blade Specifications:

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Width	19mm
Thickness	0.4-0.6mm
Applicable Industries	Manufacturing Plant

Certainly, let me provide you with more details on industrial blades:

1,Blade Geometry Optimization:

The blade edge geometry is carefully designed to suit the specific material being cut. Flat edges work well for uniform materials, while wavy or serrated edges can handle thicker or tougher materials. The blade angle, tooth pattern, and other geometric features are optimized through extensive testing and experience.

2,Precision Manufacturing:

Innovative grinding and polishing techniques are employed to achieve the desired sharp, consistent cutting edges. Advanced measurement and quality control methods ensure tight dimensional tolerances and superior edge quality. Some blades may undergo specialized heat treatments or coatings to further enhance their performance.

3,Cutting Mechanism and Forces:

During the cutting process, the blade must overcome the material's resistance and shear strength. The blade design and material properties determine its ability to withstand the high stresses and impact forces involved. Proper blade support and machine setup are crucial to minimize vibration and deflection, ensuring precise and clean cuts.

4,Wear and Failure Modes:

Abrasive wear, chipping, and plastic deformation are common failure modes for industrial blades. The wear rate is influenced by factors such as cutting speed, material hardness, and lubrication. Monitoring and timely replacement of worn blades are essential to maintain consistent cutting performance.

5,Specialized Blade Types:

Circular blades, reciprocating blades, and shear blades are designed for different cutting applications. Specialty blades may feature advanced coatings, unique edge geometries, or customized materials to address specific industry requirements.

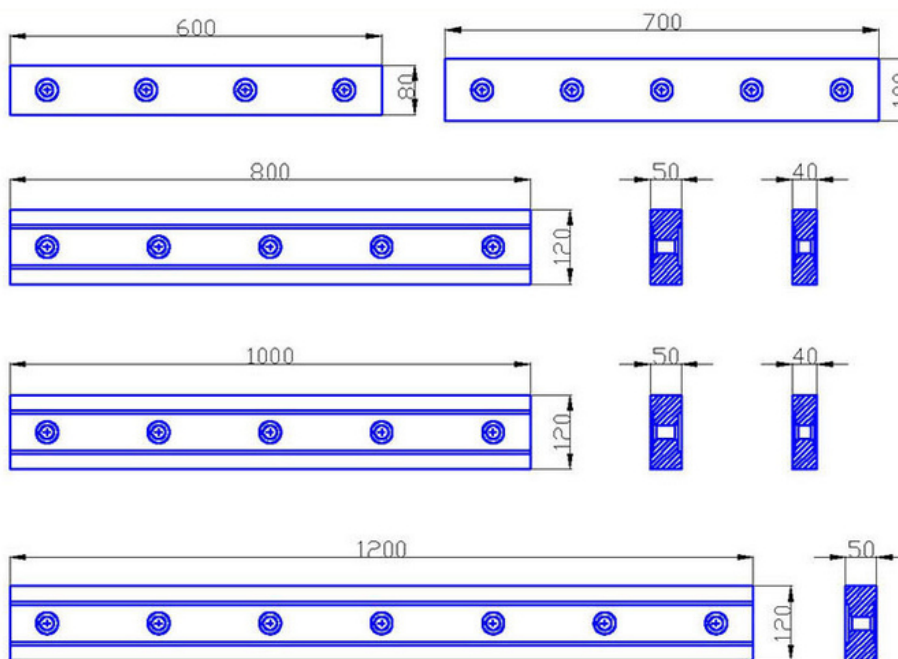
Ongoing research and development in blade technologies aim to improve cutting efficiency, productivity, and product quality.

Picture:



Size:

DRAWING OF CUTTING MACHINE BLADES



Applications:

Plastic Crushing Pulverizer Line



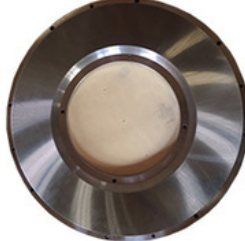
Disc PP PE PVC Pulverizer



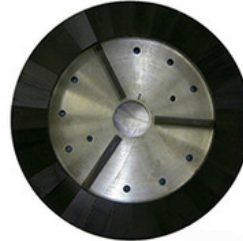
PVC Type Blades



Disc Type



Segment Blades



Plastic Crusher



PVC Pulverizer



Knife Sharpener



Our Factory:



Seton Blade----15 years of experience in the manufacture of industrial blades

Our mission is simple - make cutting effortless for our clients! To do this we ask questions about your specific application and then listen. Once we understand what you are trying to accomplish, we provide options that best meet your specific needs. we also provide extensive productand deep inventory..

Packing:



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