



## 6CrW2Si 400Mm Length Industry Shear Blade Knife / Shearing Machine Blade

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Seton
- Certification: CE ISO
- Model Number: 6CrW2Si
- 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: Industry Shear Blade Knife
- Material: 6CrW2Si
- Hardness: HRC52-58
- Precision:  $\pm 50$  Micron
- Length: 400mm
- Width: 35mm
- Thickness: 1.8mm
- Applicable Industries: Manufacturing Plant
- Highlight: 6crw2si shear blade, 6crw2si shearing machine blade, 400mm shear blade



### More Images



## Product Description

### 6CrW2Si 400Mm Length Industry Shear Blade Knife For Shearing Machine

#### Description:

##### The performance advantages of industrial shear blades include:

###### 1,High Hardness:

Shear blades are typically made from high-quality tool steels or other hard alloy materials. The high hardness, often in the range of 50-65 HRC, provides excellent resistance to wear and deformation.

###### 2,Toughness and Impact Resistance:

The blade materials are selected to combine hardness with good toughness and impact resistance. This allows the blades to withstand the high stresses and sudden impacts encountered during the shearing process.

###### 3,Edge Retention:

The carefully engineered blade geometry and heat treatment processes ensure that the cutting edges maintain their sharpness for extended periods.

Excellent edge retention minimizes the frequency of blade resharpening or replacement.

###### 4,Corrosion Resistance:

Stainless steel or coated blade materials provide superior corrosion resistance.

This is particularly important in applications where the blades may be exposed to moisture, chemicals, or other corrosive environments.

###### 5,Precision Cutting:

The precise blade manufacturing and mounting processes enable tight tolerances and consistent cutting performance. This results in clean, accurate cuts with minimal burrs or deformation of the workpiece.

###### 6,Thermal Stability:

The blade materials and designs are optimized to maintain their dimensional stability and cutting performance even under high-temperature conditions.

This ensures consistent cutting quality during continuous or high-volume shearing operations.

###### 7,Versatility:

Shear blades can be designed for a wide range of materials, including metals, plastics, fabrics, and composites.

The flexibility in blade geometry and material selection allows for optimized performance in diverse industrial shearing applications.

#### Industrial Blade Specifications:

Product name	Industry Shear Blade Knife
Material	6CrW2Si
Hardness	HRC52-58
Precision	±50 Micron
Length	400mm
Width	35mm
Thickness	1.8mm
Applicable Industries	Manufacturing Plant

##### The proper maintenance and care of industrial shear blades are essential to ensure their optimal performance and extended service life. Here are the key aspects of shear blade maintenance:

###### 1,Blade Inspection:

Regularly inspect the blades for any signs of wear, damage, or deformation.

Look for nicks, chips, or uneven wear along the cutting edges.

###### 2,Blade Sharpening:

Periodically sharpen the blades to restore their cutting edge and maintain the desired cutting clearance.

This is typically done using specialized grinding or honing equipment to ensure the correct blade geometry is maintained.

###### 3,Blade Lubrication:

Apply a thin layer of appropriate lubricant, such as specialized blade oil or grease, to the blade surfaces.

Lubrication helps to reduce friction, dissipate heat, and prevent premature wear.

###### 4,Blade Cleaning:

Clean the blades regularly to remove any buildup of debris, dirt, or residues.

Use a soft cloth or brush, along with a mild solvent or degreasing agent, to keep the blades in a clean condition.

###### 5,Blade Alignment:

Ensure the blades are properly aligned and the cutting clearance is maintained within the manufacturer's specifications.

Proper alignment helps to optimize the cutting performance and minimize the risk of blade damage or premature wear.

###### 6,Blade Replacement:

Replace the blades when they can no longer be effectively sharpened or when the wear exceeds the recommended limits.

Timely blade replacement helps to maintain consistent cutting quality and prevents potential damage to the shearing equipment.

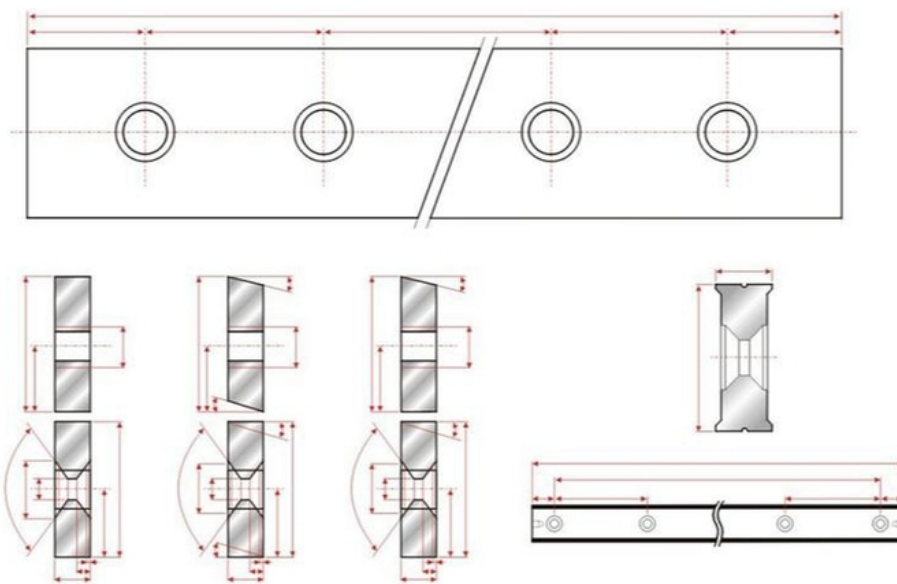
###### 7,Environmental Considerations:

Protect the blades from exposure to harsh environmental conditions, such as moisture, corrosive chemicals, or extreme temperatures.

#### Picture:



**Size:**



**Applications:**

Plastic Crushing Pulverizer Line



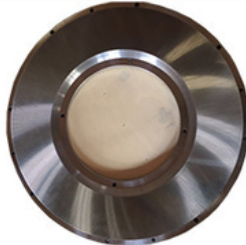
Disc PP PE PVC Pulverizer



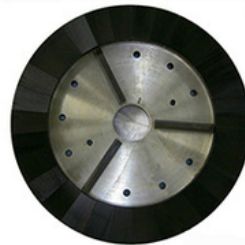
PVC Type Blades



Disc Type



Segment Blades



Plastic Crusher



PVC Pulverizer



Knife Sharpener



Packing:



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