



## Skd-11 Cutter Replacement Blade Plastic Rubber Machinery Parts For Pvc Milling Machine

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: Seton
- Certification: CE ISO
- Model Number: Skd-11
- 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: Cutter Replacement Blade Plastic Rubber Machinery Parts
- Material: Skd-11
- OD: 180mm
- ID: 150mm
- Thickness: 25mm
- Hardness: HRC 58-60
- Voltage: 220
- Applicable Industries: Plastics Factory, Chemical Factory, Timber Factory
- Highlight: **cutter replacement blade plastic, cutter pelletizer blades, plastic pelletizer blades**



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## Product Description

### Skd-11 Cutter Replacement Blade Plastic Rubber Machinery Parts For Pvc Milling Machine

#### Description:

##### Material Characteristics of Pelletizer Blades:

###### 1,High Hardness:

Pelletizer blades are typically made from specialized high-hardness tool steels or tungsten carbide.

The hardness of the blade material is crucial to withstand the high abrasion and wear encountered during the pelletizing process.

###### 2,Wear Resistance:

In addition to hardness, the blade material must exhibit excellent wear resistance to maintain a sharp cutting edge over extended periods of use.

Materials like tool steel and tungsten carbide are selected for their ability to resist premature dulling and erosion.

###### 3,Toughness:

While hardness and wear resistance are priorities, the blade material must also possess sufficient toughness to avoid premature chipping or cracking under the high stresses of pelletization.

The right balance of hardness and toughness is essential for reliable and durable blade performance.

###### 4,Thermal Stability:

Pelletizer blades operate under high-temperature conditions, often in excess of 100°C (212°F).

The blade material must maintain its mechanical properties and dimensional stability at these elevated temperatures to ensure consistent cutting action.

###### 5,Corrosion Resistance:

Depending on the feedstock, the blades may be exposed to corrosive environments, such as acidic or alkaline materials.

The blade material should exhibit good resistance to chemical corrosion to extend the service life of the components.

###### 6,Manufacturability:

The blade material must be suitable for the manufacturing processes involved, such as precision grinding, heat treatment, and coating application.

This ensures the blades can be produced to the required specifications and tolerances.

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Applicable Industries	Plastics factory, chemical factory, timber factory

##### The common materials used for pelletizer blades include:

###### 1,Tool Steels:

High-carbon, high-chromium tool steels, such as D2, M2, or H13, are widely used for pelletizer blades.

These steels offer an excellent balance of hardness, wear resistance, and toughness, making them suitable for the demanding pelletizing environment.

###### 2,Tungsten Carbide:

Tungsten carbide is an extremely hard and wear-resistant material, often used for the cutting edges of pelletizer blades.

Tungsten carbide blades can provide extended service life compared to tool steel blades, but they may be more brittle and require specialized manufacturing techniques.

###### 3,Ceramic Composites:

Ceramic-based composite materials, such as silicon carbide or alumina-based ceramics, are gaining popularity for pelletizer blades.

These ceramics offer exceptional hardness, wear resistance, and thermal stability, with the potential for even longer service life compared to tool steels or tungsten carbide.

###### 4,Coated Tool Steels:

Tool steel blades can be coated with specialized wear-resistant coatings, such as titanium nitride (TiN) or chromium nitride (CrN).

These coatings can significantly enhance the blade's resistance to abrasion and wear, extending its service life without sacrificing the toughness of the underlying tool steel.

###### 5,Bimetallic Blades:

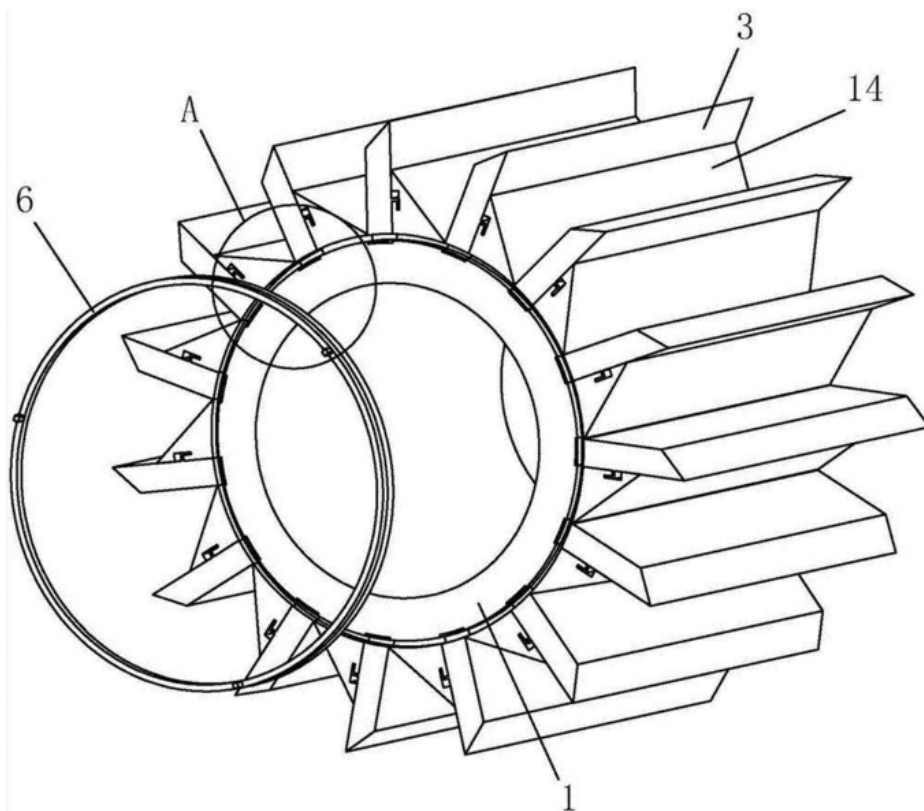
Some pelletizer blades feature a bimetallic design, where a hard, wear-resistant material (e.g., tungsten carbide) is bonded to a tougher, more impact-resistant base material (e.g., tool steel).

This combination of materials can provide an optimal balance of cutting performance, durability, and cost-effectiveness.

#### Picture:



**Size:**



**Packing & Delivery:**



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