



9Crsi 150*10*2Mm Industrial Plastic Crusher Blade HRC55-62 For Crusher Machine

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Seton
- Certification: CE ISO
- Model Number: 9Crsi
- 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 Plastic Crusher Blade
- Material: 9Crsi
- Hardness: HRC55-62
- Precision: ± 50 Micron
- Length: 150mm
- Width: 10mm
- Thickness: 2mm
- Applicable Industries: Manufacturing Plant
- Highlight: plastic crusher blade hrc55-62, 9crsi plastic crusher blade, 9crsi plastic crusher machine blade



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Product Description

9CrSi 150*10*2Mm Industrial Plastic Crusher Blade For Crusher Machine

Description:

Industrial plastic shredder blades have the following key features:

1,Material Selection:

High-quality alloy steels, such as 50Mn and 65Mn, are commonly used for the blades. Alloy steels provide high hardness, wear resistance, and toughness to withstand the high-impact stresses.

2,Blade Design:

The blade shapes can vary, including straight, angled, and curved blades. Optimized blade angles and geometric dimensions contribute to improved cutting efficiency.

3,Surface Treatment:

The blade surfaces undergo treatments like quenching, nitriding, or vacuum coating to enhance wear resistance. These surface modifications improve the blade's performance and extend its service life.

4,Mounting Structure:

The blades are mounted on the rotor or the chamber walls, forming the cutting chamber. The design of the feed inlet, discharge outlet, and chamber dimensions are critical for the shredding performance.

5,Working Principle:

The high-speed rotating blades shear and tear the plastic material as it enters the cutting chamber. The plastic is repeatedly cut until it is reduced to smaller particles.

6,Maintenance and Care:

Regular inspection and timely replacement of worn-out blades are essential. Proper blade maintenance is crucial for maintaining the shredder's performance.

Industrial Blade Specifications:

Product name	Industrial Plastic Crusher Blade
Material	9CrSi
Hardness	HRC55-62
Precision	±50 Micron
Length	150mm
Width	10mm
Thickness	2mm
Applicable Industries	Manufacturing Plant

The shapes of industrial plastic shredder blades can vary, and the most common designs include:

1,Straight Blades:

These are the simplest blade design, with a straight cutting edge. Straight blades provide a straightforward and efficient cutting action.

2,Angled Blades:

The blades feature an angled cutting edge, often at 30-45 degrees. The angled design helps to improve the cutting performance and material flow.

3,Curved Blades:

The blades have a curved or swept-back cutting edge. The curved shape can enhance the material shredding action and reduce jamming.

4,Serrated Blades:

These blades have a toothed or serrated cutting edge. The serrated design helps to grip and tear the plastic material more effectively.

5,Combination Blades:

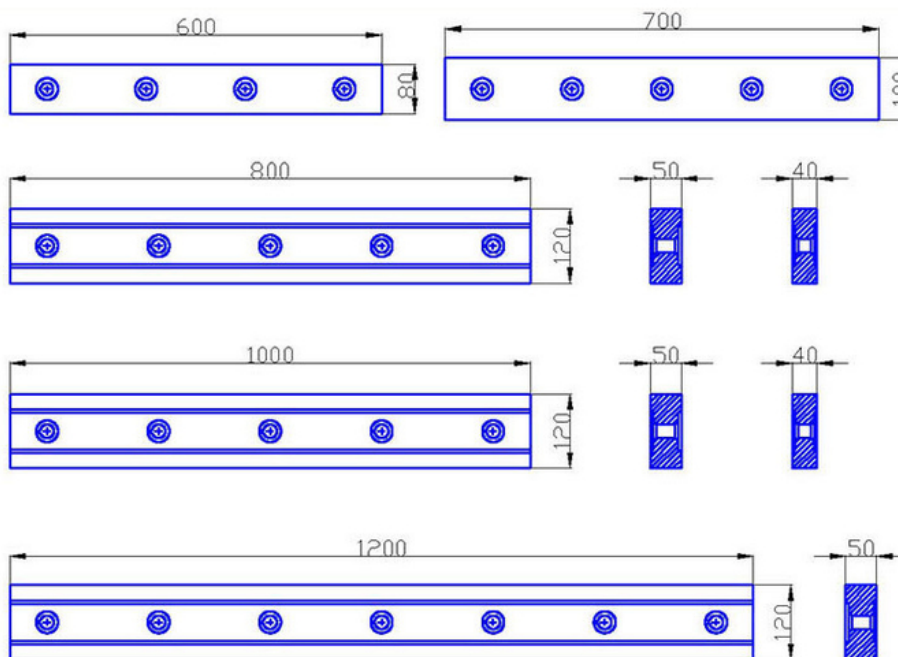
Some shredder designs employ a combination of different blade shapes, such as straight and angled, or curved and serrated. The combination of blade geometries can provide enhanced shredding capabilities for specific plastic materials or applications.

Picture:



Size:

DRAWING OF CUTTING MACHINE BLADES

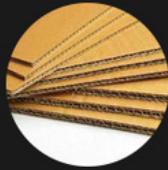


Applications:

Application



cigarette



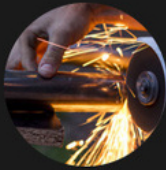
corrugated
paperboard



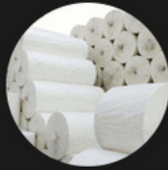
packing&printing



chemical fiber



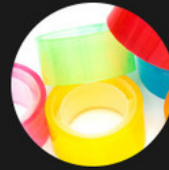
metal slitting



disposable paper



lithium



gummed
tape slitting

Packing:



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