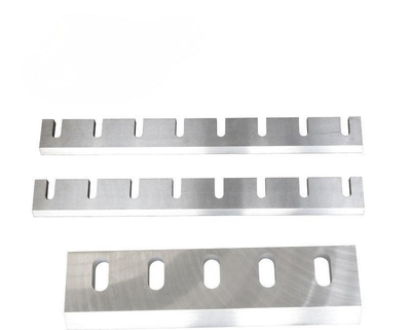
SKH-51 Granulator Blades Manufacturer For Recycling Crusher Machine / Plastic Granulator Knives

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Seton
- Certification: CE ISO
- Model Number: SKH-51
- 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: Granulator Blades Manufacturer For Recycling Crusher Machine
- Material: SKH-51
- Length: 100mm
- Width: 10mm
- Thickness: 3mm
- Hardness: HRC 54-62
- Precision: ±0.02-0.05mm
- Application: All Kind Of Plastic
- Highlight: **recycling granulator blades**, **recycling plastic granulator knives**, **crusher machine granulator blades**

Our Product Introduction

for more products please visit us on blade-industrial.com

Product Description

SKH-51 Granulator Blades Manufacturer For Recycling Crusher Machine

Description:

Granulator blades are used in a wide range of industries and applications, including:

1,Plastics and Polymer Processing:
Granulation of plastic pellets, films, and other polymer-based materials for recycling or further processing
Examples: Recycling of plastic waste, shredding of plastic parts, granulation of thermoplastic scrap
2,Pharmaceutical and Nutraceutical Manufacturing:
Size reduction and granulation of active pharmaceutical ingredients (APIs) and excipients
Granulation of dietary supplements, vitamins, and other nutraceutical products
3,Food and Agricultural Processing:
Granulation of various food ingredients, such as spices, herbs, and dried fruits
Size reduction of agricultural waste and byproducts for composting or biofuel production
4,Mineral and Mining Industries:
Granulation of minerals, ores, and other mined materials for further processing or transportation
Examples: Granulation of coal, limestone, gypsum, and other mineral resources
5,Recycling and Waste Management:
Granulation of electronic waste, automotive parts, and other post-consumer materials for recycling
Shredding and size reduction of municipal solid waste, rubber, and textiles
6,Biomass and Bioenergy:
Granulation of wood chips, agricultural residues, and other biomass feedstocks for use in biofuel production or energy generation
7,Chemical and Specialty Materials:
Granulation of various chemicals, powders, and specialty materials for improved handling, storage, and transportation

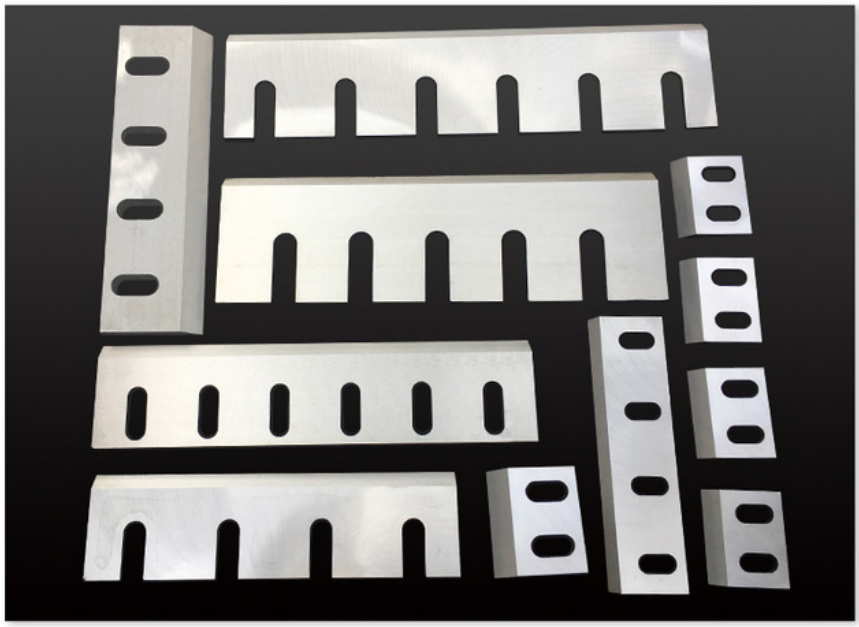
Granulator Blade Specifications:

Product Name:	Granulator Blades Manufacturer For Recycling Crusher Machine
Material	SKH-51
Length	100mm
Width	10mm
Thickness	3mm
Hardness	HRC 54-62
Precision	±0.02-0.04mm
Application	All kind of plastic

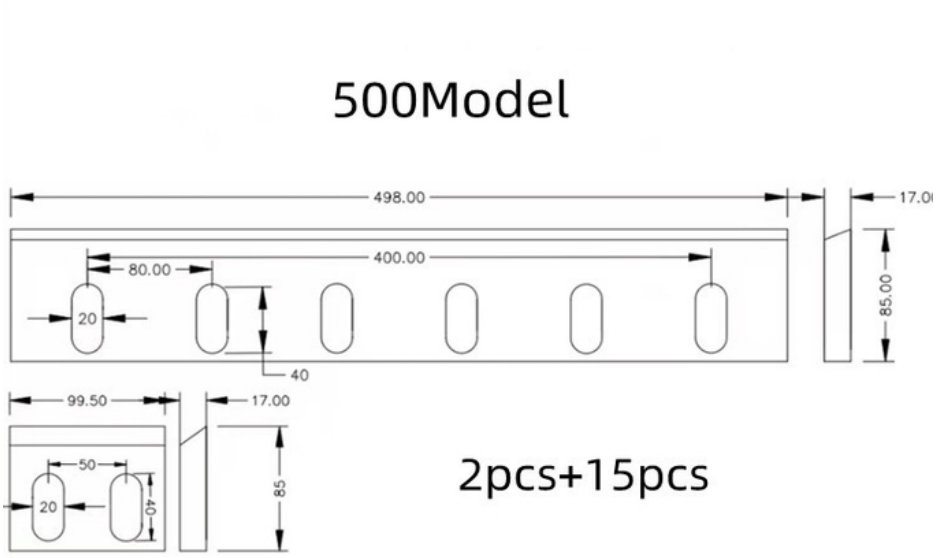
Granulator blades have specific application characteristics and design considerations in different industries:

1,Plastics and Polymer Processing:
High wear resistance is required due to the abrasive nature of plastic materials.
Blades may have serrated edges or specialized profiles to effectively cut and shred plastic films, fibers, and parts.
Blade materials like alloy steel and tungsten carbide are commonly used.
2,Pharmaceutical and Nutraceutical Manufacturing:
Blade materials must be FDA-approved and suitable for food/drug contact applications.
Blades may require special coatings or finishes to prevent contamination and ensure product purity.
Blade design prioritizes consistent particle size reduction and uniform granulation.
3,Food and Agricultural Processing:
Blade materials must be food-grade and corrosion-resistant to withstand exposure to various food ingredients and processing environments.
Blade design focuses on minimizing heat generation and product degradation during size reduction.
Ease of cleaning and sanitation is a key consideration for blade design and materials.
4,Mineral and Mining Industries:
Blades must be highly durable to withstand the extreme abrasiveness of minerals, ores, and other mined materials.
Blade materials like tungsten carbide are often used to maintain cutting performance and extend blade life.
Blade design may incorporate features to handle high-volume throughput and prevent clogging.
5,Recycling and Waste Management:
Blades must be able to handle a wide range of heterogeneous waste materials, from plastics to metals to textiles.
Blade design focuses on efficient size reduction and separation of different material types.
Blade materials are selected based on cost-effectiveness and ease of maintenance in waste processing applications.
6,Biomass and Bioenergy:
Blade materials need to withstand the fibrous and abrasive nature of woody biomass and agricultural residues.
Blade design aims to achieve uniform particle size distribution for optimal downstream processing, such as pelletization or gasification.
Blade maintenance and replacement are important considerations due to the high throughput and wear encountered in biomass processing.

Picture:



Size:



Applications:

Packing & Delivery:

Jiangsu Seton Industrial Technology Co,.Ltd

+86 15852715407 alen@setonindustrial.com blade-industrial.com

No.99 Furong Mid Three Road,Xishan Economic Development Zone.Wixi.