

90*60*0.8Mm Round Slitter Blades Stainless Steel For Lithium Industry

Basic Information

- Place of Origin:
- Brand Name:
- Certification:
- Model Number:
- Minimum Order Quantity: MOQ 10 Pieces
- Price:
 - Packaging Details:
- Delivery Time:
- Payment Terms:
- Supply Ability:

1pc/wrapper, 100pcs/box, 100boxes/ctn,Wooden and carbon boxes 30 days L/C, D/A, D/P, T/T, Western Union.

Can be discussed

China

Seton

CE ISO

Stainless Steel

L/C, D/A, D/P, T/T, Western Union, MoneyGram 500 Piece/Pieces per Day

round paper slitter blades, industry paper slitter blades



Product Specification

• Product Name: Round Slitter Blades Stainless Steel Material: 0.01-0.03mm Precision: HRC 46~78 • Hardness: • Outer Diameter: 90mm Thickness: 0.8mm • Inner Diameter: 60mm • Applicable Industries: Manufacturing Plant • Highlight: round slitter blades stainless steel,



More Images





Product Description

90*60*0.8Mm Round Slitter Blades Stainless Steel For Lithium Industry

Description:

Here is an overview of the manufacturing process for stainless steel circular slitting blades:

1. Material Selection:

High-quality stainless steel alloys are chosen for their superior strength, hardness, and corrosion resistance. Common stainless steel grades used include 304, 316, and 440 series.

2.Blank Cutting:

The stainless steel material is first cut into circular blank discs using precision cutting techniques.

This ensures the correct initial diameter and shape for the final blade.

3, Grinding and Sharpening:

The circular blanks undergo specialized grinding and honing processes.

This creates the precise cutting edge geometry and ensures an ultra-sharp, long-lasting cutting surface. 4.Heat Treatment:

The blades may undergo heat treatment processes, such as hardening and tempering.

This enhances the mechanical properties, including hardness, wear resistance, and toughness. 5, Precision Finishing:

The blades are meticulously finished to tight tolerances.

This includes surface polishing, chamfering, and drilling the center arbor hole. 6, Quality Inspection:

Rigorous quality control measures are implemented, including dimensional checks and testing. This ensures the blades meet the specified performance and safety requirements.

7, Packaging and Delivery:

The finished blades are carefully packaged to prevent damage during transportation and storage. They are then shipped to the customers for installation and use in various cutting applications.

Rotary Slitter Blade Specifications:

Product Name	Round Slitter Blades
Vaterial	Stainless Steel
Precision	0.01-0.03mm
Hardness	HRC 46~78
Outer Diameter	90mm
Thickness	0.8mm
nner Diameter	60mm
Applicable Industries	Manufacturing Plant

Let me provide more details on the heat treatment process for stainless steel circular slitting blades:

1. Hardening:

The stainless steel blades undergo a hardening heat treatment process.

This typically involves heating the blades to a specific austenitizing temperature, usually between 1020°C to 1120°C (1868°F to 2048°F), depending on the steel grade.

The blades are then rapidly cooled, often by quenching in oil or water, to transform the austenite into a hard martensitic structure.

2, Tempering:

After hardening, the blades undergo a tempering process.

Tempering involves reheating the blades to a lower temperature, typically between 200°C to 650°C (392°F to 1202°F), and holding them at that temperature for a specific duration.

The tempering process relieves internal stresses and improves the overall toughness and ductility of the blades.

3. Cryogenic Treatment (Optional):

Some manufacturers may employ cryogenic treatment as an additional step.

This involves cooling the blades to extremely low temperatures, often below -80°C (-112°F), and holding them at that temperature for a certain period.

Cryogenic treatment can further enhance the wear resistance and durability of the blades by inducing the transformation of retained austenite to martensite.

4.Stress Relief:

After the hardening and tempering processes, the blades may undergo a stress-relieving heat treatment.

This involves heating the blades to a lower temperature, typically between 450°C to 650°C (842°F to 1202°F), and holding them at that temperature to relieve any residual stresses.

Picture:



Size:



roll paper

tobacco

label paper

Packing & Delivery:



Packing & Delivery





♦ +86 15852715407 Salen@setonindustrial.com

blade-industrial.com

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