



CUSTOMIZE

MANUFACTURE

INNOVATION

PARTNER

# JINGZHOU METAL

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Expert Focus, Passionate Drive, Efficient Innovation.

CONTACT US



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# DIRECTORY

## 01.Company Portfolio

## 02.Products

## 03.Product Application

## 04.Producing Process

## 05.Quality Control

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## 07.Packing Method

## 08.Sales Network







## Company Introduction

- Tianjin Jingzhou Metal Products Co., Ltd. has been dedicated to producing and selling stainless steel wire since 2009.
- Our independently developed stainless steel profile wire consistently leads the industry.
- Jingzhou Metal situated in the Saida Industrial Park, Tianjin City, boasting three state-of-the-art production facilities spanning approximately 18,000 square meters.



Our production capacity meets the precise requirements of various applications, such as industrial filtration, lifestyle accessories, and high-tech fields, providing essential materials that comply with strict specifications.

## Company Development History





## Company Profile: Key **Facts** & **Figures**



Establishment Year: 2009



Number of Employees: 150 people



Land Area: 18,000 square meters



Number of Production Bases: 3 bases



Monthly Production Volume: 1200 -1500 tons



New Product R&D Cycle: 7-15 days



# Advanced Technical Capabilities

## ● Cutting-Edge Production Equipment

Automated production lines, including progressive hydrogen retreatment furnaces, active/passive cold rolling mills, and other high-precision machinery.

## ● State-of-the-Art R&D Facilities

Primary and secondary projection instruments, CNC grinding machine tools, and other advanced R&D equipment.

Industry-leading testing instruments such as infrared detectors, pull-mode detectors, and ultrasonic detectors.

## ● Highly Skilled Technical Team

Composed of members with advanced degrees, strong industry acumen, and exceptional R&D and design capabilities.





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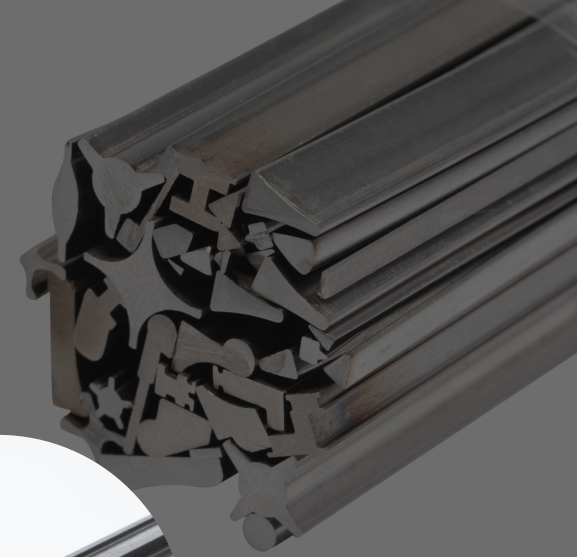
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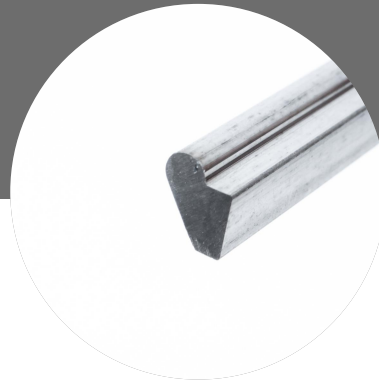
# STAINLESS STEEL **PROFILE** WIRE



## **Stainless Steel Triangle Wire**



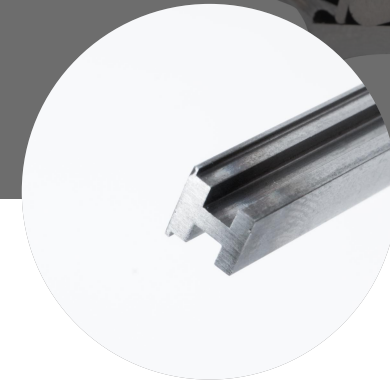
Triangle wire is suitable for a variety of industrial filtration and separation applications.



## **Stainless Steel Profile Wire**



Profile wire is ideal for engineering and construction projects that require high precision and strength.



## **Stainless Steel H Type Wire**



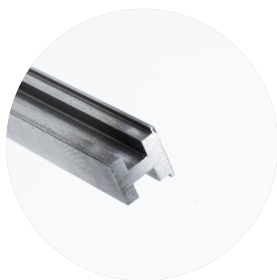
H type wire provides superior support and structural stability, making it suitable for architectural and industrial design applications.


























# Stainless Steel Profile Wire



Jingzhou Metal Products specializes in the production of high-standard shaped wires and rolled profile wires. We offer round, square, flat, and custom complex-shaped wires to meet specific customer needs.

Our manufacturing capabilities span multiple fields requiring high precision, from industrial filtration and lifestyle accessories to high-tech sectors, providing critical materials that meet strict specifications. Our professional experience and commitment to quality support your industrial solutions.



 Y Shape	 Y Shape	 X Shape	 Irregular Shape	 Irregular Shape
 Fusiform Shape	 ARC	 Glasses Shape	 Fusiform Shape	 Irregular Shape
 Irregular Shape	 Irregular Shape	 Irregular Shape	 Irregular Shape	 Irregular Shape
 Pentagon	 Pentagon	 Triangular	 Irregular Shape	 Rial Shape
 Flower Shape	 Heart Shape	 Flat Wire	 Flat Wire	 Square

# Stainless Steel Profile Wire



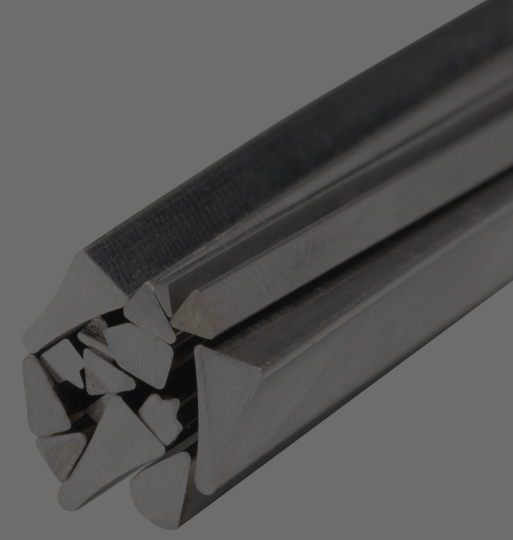
Jingzhou Metal Products, empowered by its own R&D team and advanced mold development equipment, is proficient in customizing uniquely shaped wires to meet your specific needs.

Our commitment to quality control at every stage guarantees that each customized wire product adheres to the highest industry standards, making us the trusted choice for businesses seeking precision - engineered metal solutions.

Profile	Max size		Min size	
	mm	inch	mm	inch
Flat round edge	10x2	0.394x0.079	1x0.25	0.039x0.01
Flat square edge	10x2	0.394x0.079	1x0.25	0.039x0.01
T-section	12x5	0.472x0.197	2x1	0.079x0.039
D-section	12x5	0.472x0.197	2x1	0.079x0.039
Half round	10x5	0.394x0.197	0.06x0.03	0.0024x0.001
Oval	10x5	0.394x0.197	0.06x0.03	0.0024x0.001
Triangle	12x5	0.472x0.197	2x1	0.079x0.039
Wedge	12x5	0.472x0.197	2x1	0.079x0.039
Square	7x7	0.276x0.276	0.05x0.05	0.002x0.002



# STAINLESS STEEL **WEDGE** WIRE



## **Stainless Steel Wedge Wire**



the V-shape of the wire helps in creating more open spaces for filtration.



## **Stainless Steel Wedge Wire**



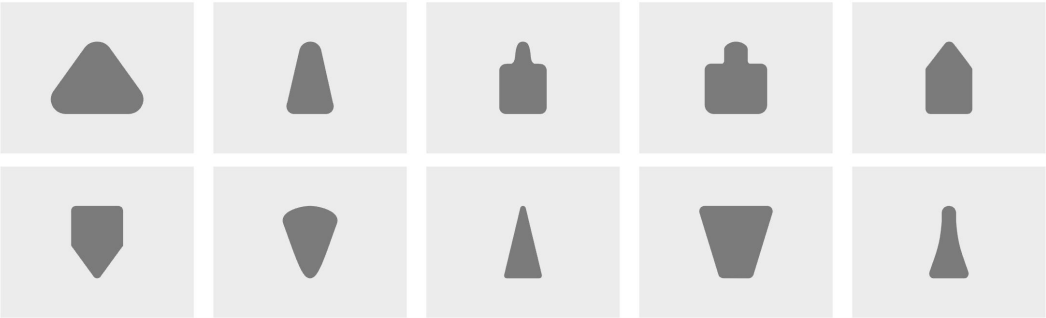
In wedge wire screen systems, wedge wire acts as a support rod, providing stability and structure to the filter.

# Stainless Steel Wedge Wire



Wedge wire also known as V-shaped wire, is a type of wire that has a V-shaped cross-section. This shape provides the wire with unique properties that make it suitable for various applications. It is often used in filtration systems.

Wedge wire can be custom-made to meet specific requirements. This includes special sizes, shapes, and materials to fit particular applications or performance needs.

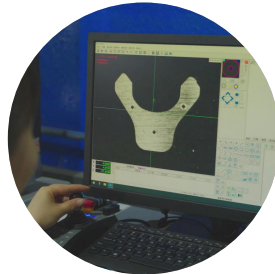
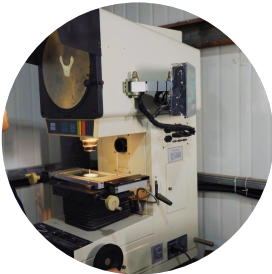


Material	SS304 SS316 SS316L SS321 809C E300
Specification	0.5*1.0mm~5.0*10.0mm
Dimensions Tolerance	±0.01mm
Production Capacity	1200 Tons/Month
Package	Wooden spool/Steel spool
Shape	As required

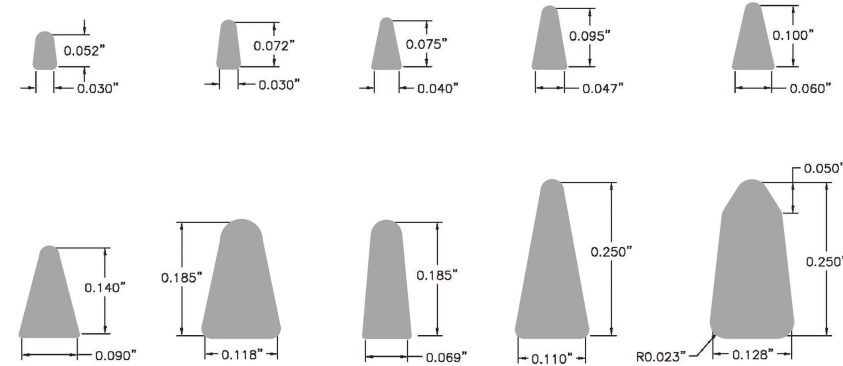
# Stainless Steel Wedge Wire



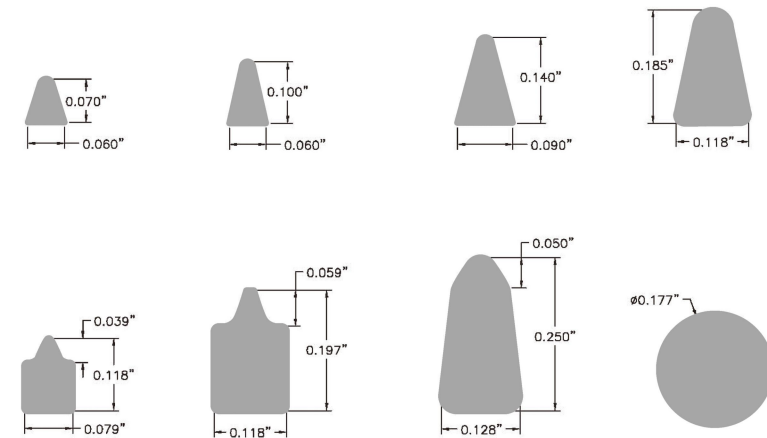
Customize your CAD designs with us for precise product fit. Our advanced manufacturing ensures top-quality, durable, and corrosion-resistant stainless steel profile wires. Partner with us for tech-driven, tailored solutions.



## WRAP WIRE SIZES



## SUPPORT WIRE SIZES





# Y/X TYPE ZIPPER WIRE



## Y-Shaped Zipper Wire



Durable Y-shaped zipper wire for strong fastening, smooth operation, and long-lasting performance.



## X Zipper Shaped Stop wire



An X-shaped interlocking bottom stop designed for zippers, providing precise alignment and secure closure at the base.



# Y Shaped Teeth Zipper Wire



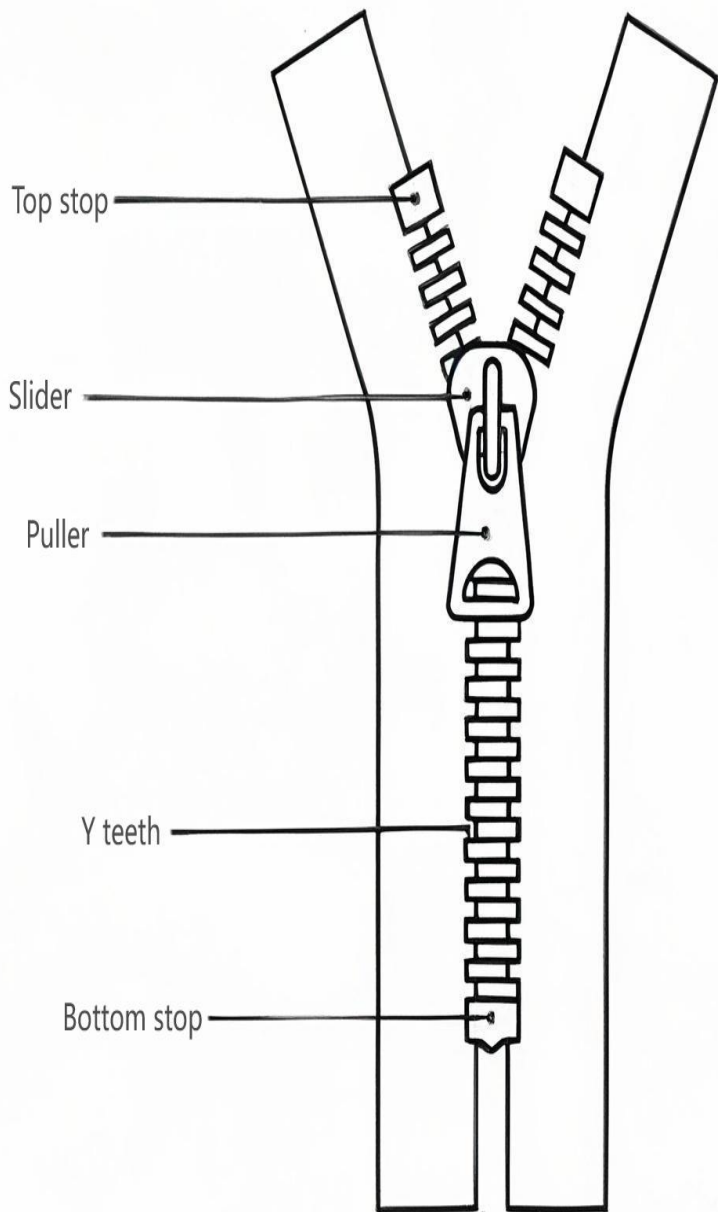
Model:#3 #4 #5

Material:SS304 SS430 Non-mangetic E300

E300 is specially developed for clothing zipper accessories, and it has the properties of non-magnetic wear resistance.



Y Shaped Teeth Zipper Wire						
	SS304		SS430		E300	
3#Y	3.65-3.70	2.63-2.66	3.65-3.70	2.63-2.66	3.65-3.70	2.63-2.66
4#Y	3.76-3.80	3.10-3.13	3.76-3.80	3.10-3.13	3.76-3.80	3.10-3.13
5#Y	4.82-4.88	3.50-3.56	4.82-4.88	3.50-3.56	4.82-4.88	3.50-3.56



## X Zipper Shaped Stop wire



Model:#3 #4 #5

Material:SS304 Non-magnetic E200 Non-magnetic E300

X or H stops are ideal and metal zip fasteners, offering symmetrical front-and-back fixation that suits the raised teeth design for both function and appearance.

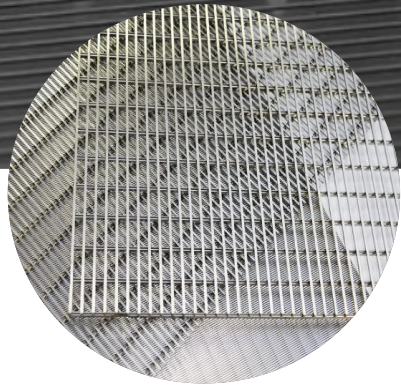


### X Zipper Shaped Stop Wire

	SS304	E200	E300
3#X	5.17×3.17	5.17×3.17	5.17×3.17
4#X	5.77×4.34	5.77×4.34	5.77×4.34
5#X	6.30×4.61	6.30×4.61	6.30×4.61



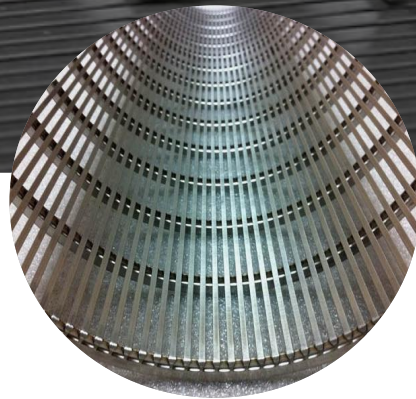
# WEDGE WIRE SCREEN



## Wedge Wire Flat Screen



A flat surface screen made of V-shaped wires welded to support rods, used for precise filtration and separation.



## Curve Screen



Wedge wire curve screen is a curved, clog-resistant filtration panel designed for efficient solid-liquid separation in continuous flow systems.



## Wedge Wire Tube



A cylindrical V-wire screen with support rods, ideal for continuous flow filtration.



## Nozzle Tube

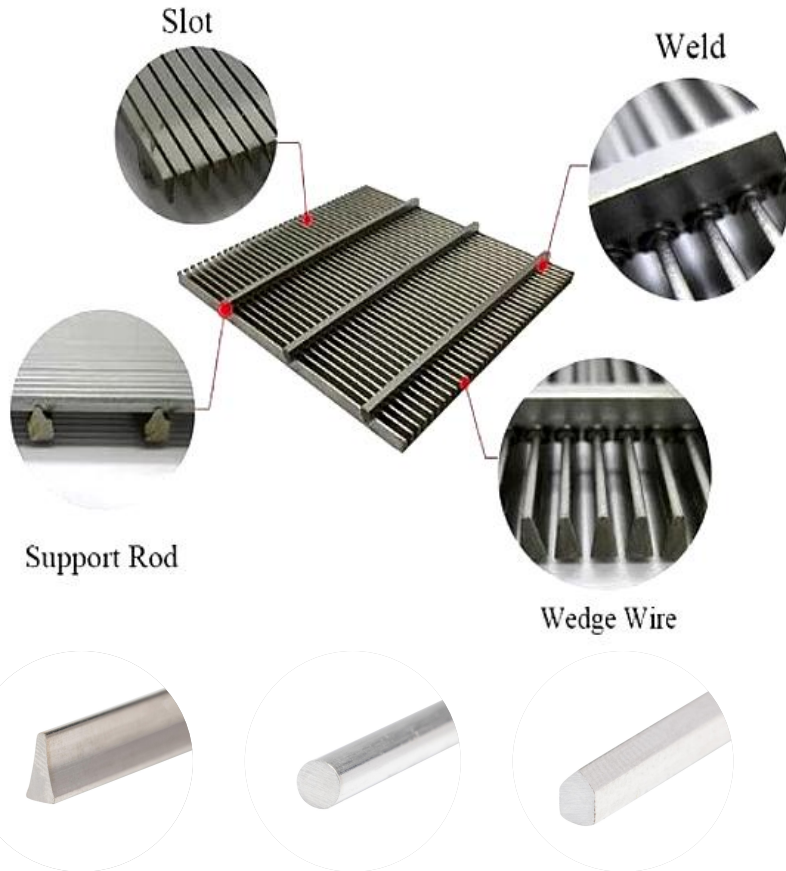


Nozzle wedge wire filter used for precise liquid-solid separation in water and industrial filtration systems.

# Wedge Wire Screen/Tube



Wedge wire screen (V wire) features a V-shaped surface and triangular profile, providing high strength, precision, and clog-resistant filtration—ideal for water treatment, petrochemical, and food processing.



## Wedge wire screen screen

Material	SS304,SS316,SS304L,SS316L etc.
Wedge Wire(mm)	1.50 1.80 2.30 3.00 3.30 3.70
Profile Wire (mm)	2.20 2.50 2.70 3.60 4.30 4.70 5.60 6.30 7.00
Support Rod(mm)	2.30 3.00 3.30 3.70
Support Wire (mm)	Height : 2.70 3.60 4.70 5.60 6.30 Round : 2.50mm -- 6.0mm
Slot Opening Size (mm)	0.02mm - 5 mm
Length(mm)	Lengths up to 6 meters or customized as your request
Width(mm)	25mm - 1200 mm or customized as your request

Note: Other specifications can be customized according to your requirement

# OTHER PRODUCTS



## Steel Round Wire



Steel round wire is widely used in manufacturing springs, fasteners, wire meshes, and welding materials due to its excellent strength, flexibility, and versatility.



## Steel Flat Wire



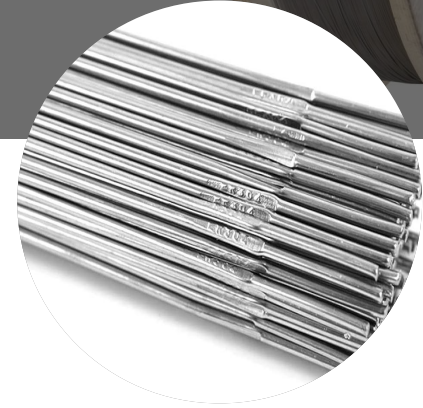
Steel flat wire is commonly used in applications such as springs, clips, automotive components, and industrial fasteners due to its strength and formability.



## Titanium Wire



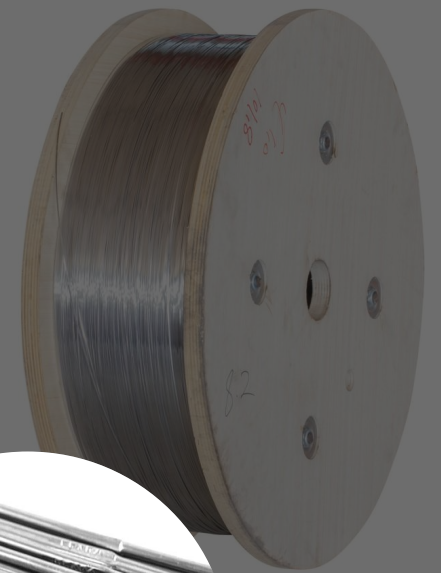
Titanium wire is valued for its high strength-to-weight ratio, corrosion resistance, and biocompatibility, making it ideal for aerospace, medical, and industrial applications.



## Welding Wire



Welding wire is a critical consumable used in various welding processes to fuse metal parts, offering strong bonding, stable arc performance, and reliable mechanical properties.





# Titanium Wire



Titanium wire is known for its excellent corrosion resistance, high strength-to-weight ratio, and outstanding biocompatibility. s. Titanium wires are categorized into types like pure titanium wire, alloy wire, straight wire, welding wire, hanging wire, coil wire, bright wire, medical wire, and titanium nickel alloy wire based on properties and requirements.



Grade					
GB Standard:TA1 TA2 TA3 TA4 TA9 TA10 TA11 TC4 TC6 TC11					
ANSI Standard:GR1 GR2 GR3 GR4 GR5 GR7 GR9 GR12					
Specification					
A.Titanium wire:p0.8-6.0mm					
B.Eyeglass titanium wire:Dedicated φ1.0-p6.0mm titanium wire for eyewear					
C. Titanium wire specifications:p0.2-p8.0mm for hanging fixtures and fittings					
Diameter	Tolerance	Diameter	Tolerance	Diameter	Tolerance
0.1~0.2	-0.025	>0.2~0.5	-0.04	>0.5~1.0	-0.06
>1.0~2.0	-0.08	>2.0~4.0	-0.1	>4.0~7.0	-0.14
Execution Standard					
GB/T3623-98 ASTM B863 ASTM F136					

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# Heavy Industrial Application



**Water Treatment**



**Oil and Gas**



**Beer and Beverage Filter**



**Mining Screen**



**Powder Screen Filter**

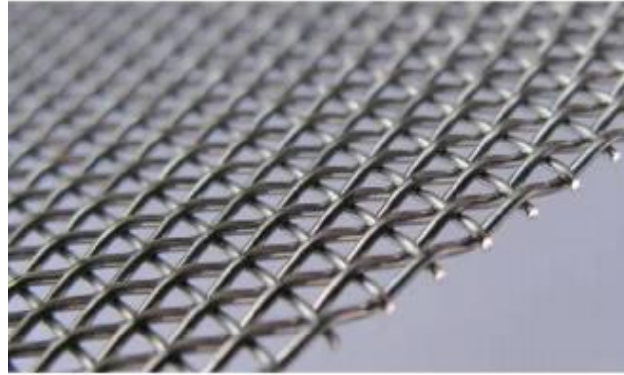


**Paper and Pulp Filter**

# Light Industrial Application



**Y Clothing Zipper Wire**



**Mesh**



**Headphone Parts**



**Eyewear Parts**



**Watch Parts**



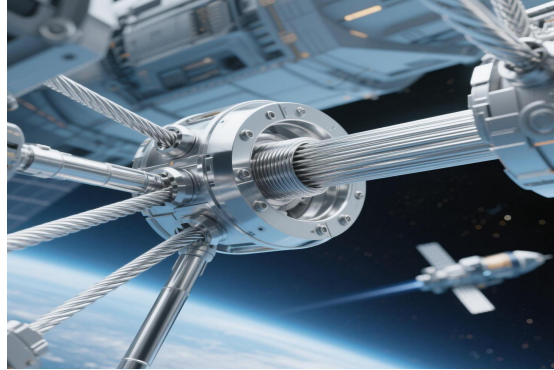
**Jewelry**



## Other Application



**Medical Devices**



**Aerospace**



**Orthodontics**



**Electronics Parts**



**Welding**



**Spring Steel Wire**

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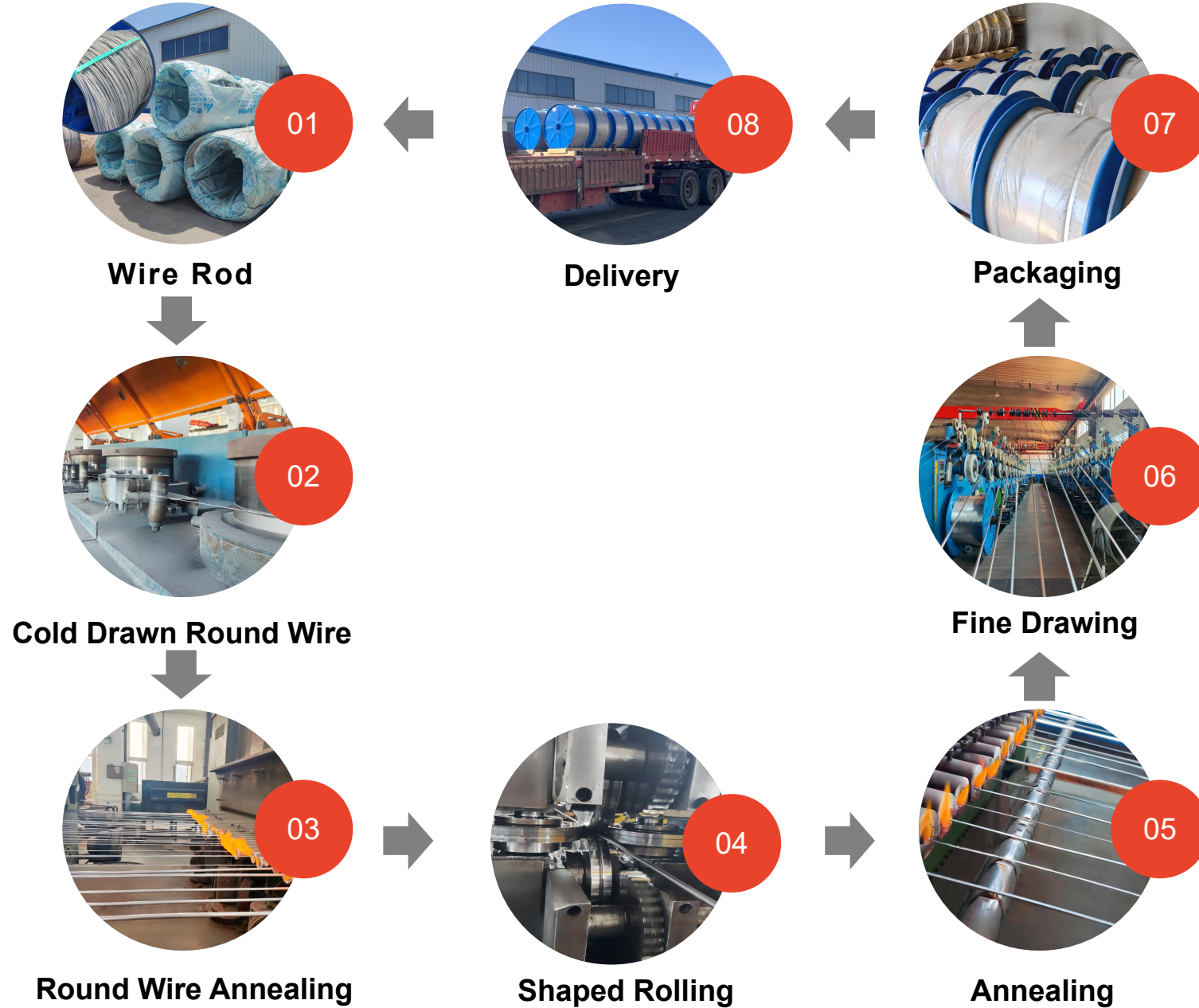
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# Producing Process



High Quality

Facilitate Your Technological Upgrade

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Tensile Test



Tensile strength indicates the maximum stress a material can withstand while being stretched before breaking, making it crucial for assessing structural integrity and material performance.



Dimensional Inspection



Measuring wire dimensions ensures precision, consistency, and compatibility with application requirements, which is essential for quality control and product performance.

## Quality Control



Dual inspection is ensured through infrared equipment and manual checks to guarantee accuracy and reliability.





Infrared Detector



The infrared detector ensures minimal runout tolerance throughout an entire coil of wire by providing precise, real-time monitoring during production.



Mold Repair



Mold repair involves restoring damaged or worn molds to their original specifications to maintain product quality, extend mold life, and reduce production downtime.

## Quality Control



Dual inspection is ensured through infrared equipment and manual checks to guarantee accuracy and reliability.



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# Qualification Certificate



**ISO 9001:2015 Quality Management  
System Certificate**

**High - Tech Enterprise**



Certified to ISO 9001 and honored as a multi - awarded Chinese High - Tech Enterprise, we are committed to delivering products and services of uncompromising quality.

Quality is the cornerstone of everything we do

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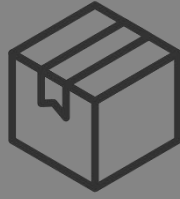
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## PACKAGING METHOD



**Iron Spool**



Iron spool packaging provides high strength, precision winding, and reliable protection for heavy-duty and high-quality stainless steel wire applications.



**Wooden Spool**



The wooden spool reduces surface damage during winding/unwinding and benefits from an established handling infrastructure for stainless steel wire.



**Coils on Pallet**



Coils on pallet packaging ensures stability, enables easy handling with forklifts, and streamlines the logistics process for stainless steel wire.

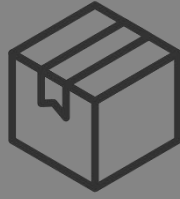


**Cardboard Drum**



Cardboard drum packaging for stainless steel wire is eco-friendly, cost-effective, and offers sufficient protection against impacts and dust.





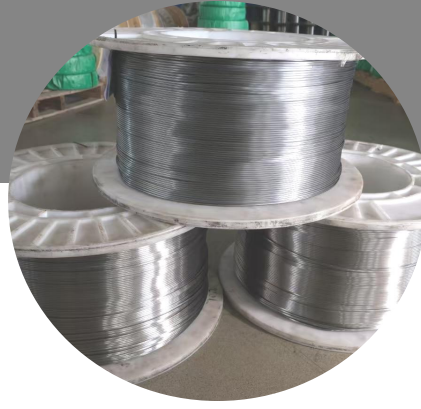
## PACKAGING METHOD



### Straight Bar



Straight bar packaging is generally suitable for wires with larger diameters or selected based on different customer application scenarios. It offers convenience for handling and direct use.



### Plastic Spool



Plastic spool packaging is suitable for small to medium diameter wires, ensuring smooth unwinding and easy handling.



### Cardboard Tube



The cardboard tube is ideal for packing round wire, offering a lightweight, durable, and tangle-free solution for storage and transport.



### Soft Packaging



Woven bag packaging is commonly used for packaging eyelet wires, watch parts and buckle flat pieces, offering a sturdy and reliable solution for storage and transportation.

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Across the globe, quality prevails. **JINGZHOU METAL**, a multi - awarded Chinese high - tech enterprise with ISO 9001 certification. Our reach spans six continents, from North America to Australia, Europe to Africa. We bring advanced technology, top - notch products and services worldwide, meeting diverse global demands with unwavering commitment.