



RS WIRE CO., LTD.

FINE & HIGH QUALITY

STAINLESS STEEL WIRE MANUFACTURER



RS WIRE CO.,LTD

ABOUT US

- RS WIRE CO., LTD was founded in 2018. The new company and factory are located in Guanyin area, Taoyuan city, Taiwan.
- Our raw materials are all from well-known steel mill in Japan, Korea and Taiwan. To keep improving equipments and quality are our main concepts to serve customers the best quality.
- RS WIRE CO., LTD specializes in stainless steel wire to support overseas and domestic customers with main products SUS304, SUS302, SUS316, SUS631, SUS302HQ, 304J3D, etc. and wire diameter covers between 0.2mm and 10.0mm. We offer best product and services based on over 20 years experience and techniques.
- RS WIRE CO., LTD always focuses on quality management, market demand oriented, and customer service concept to satisfy customers' demand.



Application Product Items

1. Stainless Steel Wire
2. Stainless Spring wire
3. Stainless Cold Heading Wire
4. Stainless mesh wire
5. Stainless Free Cutting wire
6. Stainless General Purpose wire
7. A Variety of meta I Shaped Wires
8. Stainless steel flat wire

Stainless Steel Wire

- In many cases, when the surface treatment of electroplating or baking paint (spray-painting) for general steel materials is not very appropriate, compact and dense oxide films of stainless steel containing chromium become very important. Many kinds of stainless steel have been developed to resist different corrosive environment and adapt to different working conditions so as to ensure the safety and durability of the work equipment.
- Compared to other metallic materials, stainless steel has a better anti-corrosion capability than galvanized steel, it is more resistant to oxidation than copper and more robust than aluminum. Stainless steel is recyclable environmentally friendly materials and it can be made into new products when it is crushed and melted.
- Stainless steel wires are widely used in food, clothing, housing, shelter and transportation, such as appliances for the kitchen, watches, springs used in household items, home DIY tools, umbrella skeletons...and so on.
- In industrial products, stainless steel wires are used as important components, such as in a variety of screws, all kinds of wire rope, all kinds of filtration equipment and components of cars and motorcycles.
- In the application of biochemical technology and precision electronics industries, higher-leveled stainless steel wires have been developing.
- If you are interested in our products, please do not hesitate to contact with us and tell us the following information:
 1. Stainless steel type (304 、 302 、 316 、 301 、 631 、 302HQ.....etc)
 2. Diameter(0.2MM-10MM)
 3. Tensile strength (kgf/mm² or n/mm²)
 4. surface(Soap-coated wire 、 Nickel-Coated wire 、 Bright-Coated wire)

Stainless Steel Spring Wire

- Rs Wire main products, stainless steel spring wires, are used in a variety of springs and wire forming, classified into: soap-coated wire and nickel-coated wire. ◦

Applications :

Aerosol Spring / Battery Welding / Compression Spring / Tension Spring / Torsion Spring / High Strength Spring / High Fatigue Spring / Medical Use Spring / Non-Magnetic Spring / Forming Spring

- Grade : 304 、 302 、 316 、 631J1 、 301 、 205 、 130

- Diameter : 0.2mm-8mm

- Surface : Soap-coated wire, nickel-coated wire ,bright-coated wire

- Packing : coil wire

- Strength : WPA 、 WPB 、 WPC

- Standard : JIS G4314 、 ASTM A313 、 EN 10270-3 or We can also produce products according to the standard requested by our customers.



Stainless Cold Heading Wire

- The materials of Rs Wire cold working stainless steel wires are mainly Japan nippon steel 302HQ.
Every screw produced is very important and good screws are made of only good materials.
- Applications :
Bolt / Mechanical Bolt / Rivet / Blind Rivet / Screw / Tapping Screw / Nail / Washer
- Grade : 302HQ, 304MD, 304Cu, 304J3S, 316CU, 316L, 410, 430
- Diameter : 0.2mm-10mm
- Surface : Dull , Bright, Oxalate
- Packing : coil wire or Wire rack
- Strength : W1 、 W2 、 W1/2
- Standard : JIS G4315 or JIS G4309 or We can also produce products according to the standard requested by our customers.



Stainless Mesh Wire (Weaving, Braiding, Knitting)

- Rs Wire mesh wire is produced with the highest quality raw materials, precise dies management and consistent annealing techniques, making it the best choice for high-tech material parts and ultra-fine printing mesh production.

- Applications :

Crimped iron wire mesh is mainly used in coal and mine, building, etc

- Grade : 304 、 304L 、 316 、 430

- Diameter : 0.03mm-10mm

Surface : S-co , bright,

- Packing : coil wire or spool wire

- Strength : W1 、 W2 、 W1/2

- Standard : JIS or ASTM Standard . We can also produce products according to the standard requested by our customers.



Stainless Free Cutting Wire

- The material choice for precise electronic parts must be adjusted based on user's working environment and amount of magnetism in the metal. Our free cutting wire guarantees excellent roundness, consistent surface hardness and clean surface which will increase the productivity of consumers. °
- Applications :
Printer / Medical Equipment / Gas Equipment / Facsimile / Vending Machine / Micro Motor Shaft / Refrigerator / Oil Pressure Valve / Mobile Phone
- Grade : 304 、 302 、 303, 303Cu, 303F, 410, 410C, 416, 420F, 420J2,
Diameter : 0.7mm-30mm
Surface : S-co , bright,
- Packing : coil wire or bars
Strength : WPB 、 WPA 、 WPC 、 W1 、 W2 、 W1/2 、 W ¼
Standard : JIS or ASTM Standard . We can also produce products according to the standard requested by our customers.
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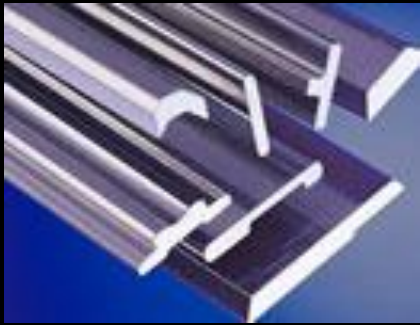
Stainless General Purpose Wire

- Since stainless general purpose wire requires advanced processing technique in various applications, meeting customers' tensile strength, elongation and surface brightness is must for manufacturing the highest quality product.
- Applications :
Wire Belt / Bearing Ball / Glasses Frame / Spoke Wire / System Plug / Mesh Belt / Reed / Gauge Wire / Dye Spring / Forming / Hanger for Coating / Stapler / Watch Band / Oil Well Screen / Scrubber / Fishing Hook / Kitchenware / Insert Thread / Acupuncture needle / Brush / Redrawing / Washer
- Grade : 204Cu, 304L, 304H, 304M, 310S, 316, 316L, 420J2, 430,
- Diameter : 0.2mm-10mm
Surface : S-co , bright,
- Packing : coil wire or spool wire
- Strength : WPB 、 WPA 、 W1 、 W2 、 W1/2 、 W ¼
- Standard : JIS or ASTM Standard . We can also produce products according to the standard requested by our customers.



A Variety Of Metal Shaped Wires

- In the market of metal wire / bar, as far as the cross-section (profile) of metal material is concerned, it is usually limited to round or simple shapes such as square, hexagon, and flat. However, more complicated shapes are always required in actual industrial application, because the design of component parts tends to be more high-precision, lighter, smaller, and more delicate. These varieties of profile metal wire / bar are made for special industrial applications, and we refer to them as “Metal Shaped Wire / Bar” except round.
- Metal shaped wires / bars (also known as solid profiles) are wires / bars with cross-sections (profile) that are manufactured specifically to the users’ required shapes. Commonly round, these materials can be formed into many different shapes, from the simple squares, rectangles and hexagons to highly complex and non-symmetrical shapes according to users’ needs.
- uses special cassette roller dies to form required metal material taking advantage of metal plasticity at normal temperature. Satisfactory processing achieves an accurate shape, a smooth clean surface, and consistent measurement.
- Applications :
Torsion Spring / Lancet Blood Glucose Tester) / Acupuncture needle /Well Screen, /Clamp, Square Wire Spring, /Machinery Part,
- Grade : stainless steel 300 series 、 stainless steel 400 series 、 carbon steel
Diameter : According to customers’ requirements
Surface : soap-coated wire , nickel-coated wire , soap-spool wire, nickel-spool wire
- Packing : coil wire or spool wire
Strength : According to customer requirements
Standard : JIS or ASTM Standard . We can also produce products according to the standard requested by our customers.



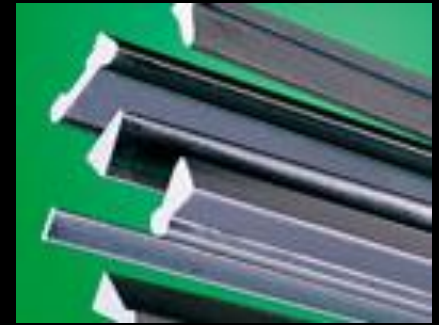
For Parts of
Knitting
Machine in
Textile
Industry use



For Medical
Instrument
and Surgical
Implant use



For One-Way
Clutch and
Light-Loaded
Bearing us



For Wedge Wire
& Support
Rod of Screen /
Filter and
Environmental
Equipment
use



Generally Applied Standardized Product (Common Shape /Profile: Square, Hexagon, Rectangle...)

Stainless Steel Flat Wire

- Rs Wire advanced rolling machines, forging process using computer-controlled arbitrary cut length.
There are flat line, side line.
- Applications :
precision spring steel ring bra, auto wipers, spring and so on.
Grade : 302 、 304 、 316 、 631 、 430
Diameter : According customer requirements
Surface : S-co , bright,
- Packing : coil wire or spool wire
Strength : WPB 、 WPA 、 W1 、 W2 、 W1/2 、 W ¼
Standard : JIS or ASTM Standard . We can also produce products according to the standard requested by our customers.



Production Equipment



15 sets Wire Drawing Machine



2 set Annealing Furnance



1 set Nickle Coating Equipment

Testing Equipment



4 pcs Electrical Micrometer



1 set Infrared tester



1 sets Wire Hardness Tester



RS WIRE CO., LTD.

- ADD : No. 21, Ln. 2276, Sec. 9, Kuaisu Rd., Guanyin Dist., Taoyuan City 328016, Taiwan (R.O.C.)
- TEL : 886-3-4733800
- FAX : 886-3-4733816
- LINE ID : yt-jordan
- WECHAT: jordan0725
- SKYPE: h0980378958
- WHATSAPP : 0963099050
- E-mail : jordan@rswire.com.tw



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WECHAT