

Reliability Test and Stainless Steel 304 Metal Spring Waved Washer with Plain Finish

Our Product Introduction

for more products please visit us on metalscrewfastener.com

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: FineExpress
- Model Number: spring waved washer
- Minimum Order Quantity: 50000
- Price: \$0.10/pieces 100-29999 pieces



Product Specification

- Finish: Black, ZINC, Plain
- Style: Flat Washer
- Material: Stainless Steel
- Application: Heavy Industry, Healthcare, Retail Industry, Automotive Industry, Electrical,electronics,cabint
- Standard: No Standard
- Reliability Test: Mechanical Dimentions,salt Spray Endurance Test
- Service: Customized OEM
- Sample: Available
- Function: Connection,Fastening And Decoration
- MOQ: 1 Piece In Stock, 50,000 Pcs Customized
- Delivery Time: In Stock 5~7 Working Days, Customized 15~25 Working Days
- Highlight: **plain finish metal washer,**
plain finish metal flat washer



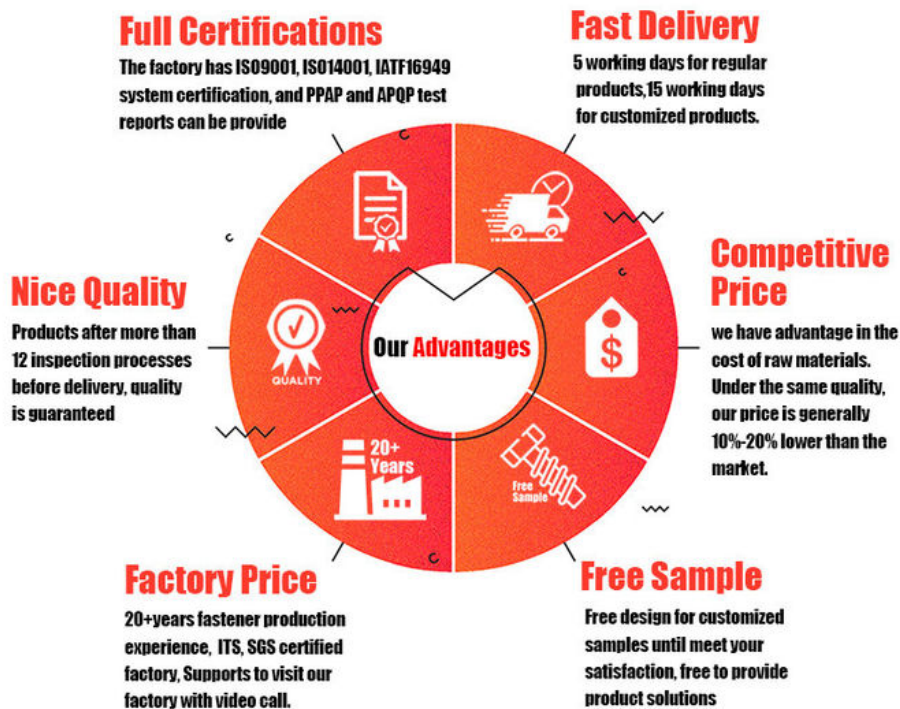
More Images



Product Description

Reliability Test and Stainless Steel 304 Metal Spring Waved Washer with Plain Finish

FINEX | Fine and Express FASTENERS



Our spring waved washers are made of high - grade Stainless Steel 304, which is well - known for its excellent corrosion resistance. In humid, chemical - laden, or high - humidity environments such as industrial plants, ships, and outdoor installations, it can resist rust and aging for a long time. This not only extends the service life of the washer but also maintains the integrity of the entire fastening system. Meanwhile, Stainless Steel 304 is strong and durable, capable of withstanding significant mechanical stress without deformation or breakage.

Unique Spring Waved Design

The spring waved design is the core highlight of this washer. When compressed, it can generate dynamic and flexible elastic force, providing continuous and uniform pressure between fastening components. It compensates for small displacements and vibrations, prevents fasteners from loosening, and ensures a firm and long - lasting connection. The waved design can also better distribute the load, reducing the risk of component damage caused by stress concentration. In fields such as machinery, automotive, and electronic devices, it can enhance the reliability of the fastening system.

Plain Finish for Versatile Applications

The washer features a plain finish, which gives it a simple and clean appearance. This finish is not only aesthetically pleasing but also highly practical. Without additional coatings, the plain finish will not affect the performance of the washer in different environments. It can fully exert the natural properties of stainless steel and is suitable for various scenarios that require a basic and reliable washer. It can be easily integrated into existing fastening systems without compatibility issues.

Rigorous Reliability Testing

To ensure outstanding performance, each washer undergoes rigorous reliability testing. We simulate real - world conditions such as repeated

compression and relaxation, different temperatures, and high - vibration environments to evaluate the washer's elastic force, shape, and overall integrity. Through these tests, we ensure that our products meet or exceed industry standards. Only washers that pass these strict tests enter the market, guaranteeing that you purchase high - quality products.

Wide - Ranging Application Scenarios

These washers are widely used in multiple industries. In the automotive industry, they are used to secure engine components, suspension parts, and exhaust systems, achieving a tight and vibration - resistant connection. In industrial machinery manufacturing, they maintain the stability of moving parts and prevent fasteners from loosening. In the electronics industry, they are used to fasten circuit boards and components, avoiding electrical short - circuits and ensuring proper functionality. Additionally, they are also commonly used in the manufacturing of furniture, household appliances, and other consumer products.

Exceptional Customer Support

Our professional customer service team is always at your service. If you have questions about product specifications, compatibility with specific components, or installation, feel free to contact us. We will respond promptly and in detail to all inquiries, ensuring that you can make informed decisions. From the moment you consider purchasing to after - sales service, we are committed to providing you with a smooth and satisfactory shopping experience.

Choose our reliability - tested Stainless Steel 304 metal spring waved washers with plain finish and experience the perfect combination of quality, reliability, and versatility.

FINEX | Fine and Express
FASTENERS 

[Click Here To Start Customizing](#)
Customizable Hole Shape



Pozi



Phillips



**Anti-theft
Triangle**



Slotted



Hex Socket



Torx



**Torx-internal
Tamber proof pin**



**H type
anti theft**



Tri-wing



**Two-Hole
Tamber proof**



**One way
anti theft**



**Square Slot
Combination**



**Phillips Slot
Combination**



**Slot 6 Lobe
Combination**



**Tri-wing internal
Tamber proof pin**





FINEX | Fine and Express
FASTENERS    

OEM **ODM**
ORIGINAL ORIGINAL
EQUIPMENT DESIGN
MANUFACTURER MANUFACTURER

What We Produce is Not Just a Screw. We Provide a Guarantee of Secure Fastening



Specification

More Detail Informations

Available Material

- 1.Stainless Steel: SS303, SS304, SS316, SS410, SS420;
 - 2.Carbon steel: C1006,C1010,C1018,C1022,C1035K,C1045;
 - 3.Brass: C3602,C3604,Hpb59,Hpb62,Hpb65,Hpb58,Hpb70 ;
 - 4.Aluminum: Al6061, Al6063 etc
- or as your requirements

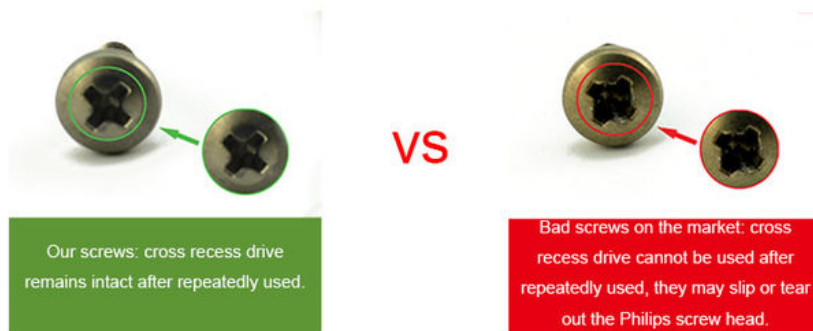
Head type

CSK Head,Pan Head,Truss Head,Hexagon Head,Round Head,Oval Head,Button Head,Cap Head,Cheese Head,etc.

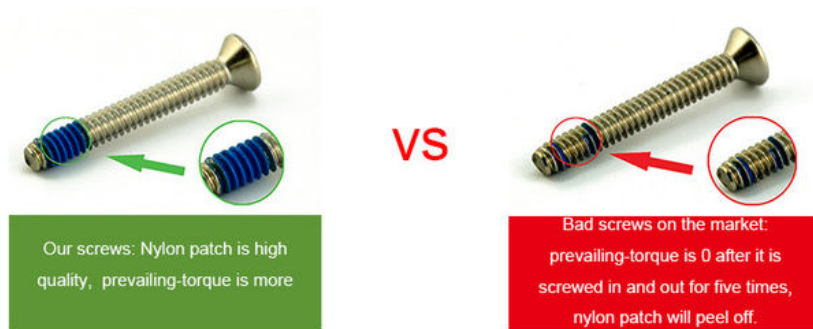
Hardness	Carbon Steel:HRC:28~35 ,HV450~700 Alloy Steel:HRC:32~39(grade10.9) HRC:39~44(grade12.9)
Finish	Zinc plated, Nickel plated, Bronze, Copper,Phosphate, Oxidation black, Passivation, Tin, Dacromet, Gold, Chrome, Silver, Phosphorization,Zinc-nickel alloy plated etc.
Sample Available	The sample is free of charge if we have the existing tooling,you only need to pay for the freight cost
Delivery time	Samples time 3-5 working days, Lead time 20-25 working days
Pricing Term	EXW Dongguan(FCA),FOB, CIF, CNF, DDU,etc.
Packing	Bulk in PE bag or Small boxes.then in carton .pallet
Payment term	TT (30% in advance as deposit, balance before delivery) , L/C, Western Union,PayPal etc
Management system	ISO9001:2015
Certificate	ISO,ROHS

Why Choose Us

NO1.Drive compariason



NO2.Torque comparison



NO3.Screw Plating Comparison



Our screws: good finish, clear thread, even coating, bright appearance.

VS



Bad screws on the market: bad finish, uneven coating, thread is oxidized, the finish is blacked.

NO4.Screw Material Comparison



Our screws: we use quality carbon steel material, Chemical Element content in Steel meets the requirement of ISO standard, they won't be broken after 90° bent, high strength, good toughness requirement of ISO

VS



Bad screws on the market: bad carbon steel material, Chemical Element content in Steel doesn't meet the requirement of ISO standard, they will be easily broken after 90° bent, high strength and bad toughness.

NO5.Mechanical Properties comparison



Our self tapping screws: our screws have high strength, enough hardness, good toughness after heat treated, they won't be broken after bent.

VS



Bad screws on the market: they have high strength and bad toughness, thread will easily be broken, because the screws are not tempered.

NO6. Corrosion Resistance Comparison of SUS304



Our SUS304 screws: nickel chemical element content won't be less than 8, meets ISO requirement. The finish won't be oxidized, rusted and has good anti-corrosion capacity standard, they won't be broken after 90° bent, high strength, good toughness.

VS



SUS304 screws on the market: nickel chemical element content will be less than 8, even doesn't have nickel plated, which doesn't meet ISO requirement. The finish will be oxidized, rusted and lose anti-corrosion capacity.

FINEX

— 20 YEARS

Non-standard Fasteners Customization Experience

+86-13527934468

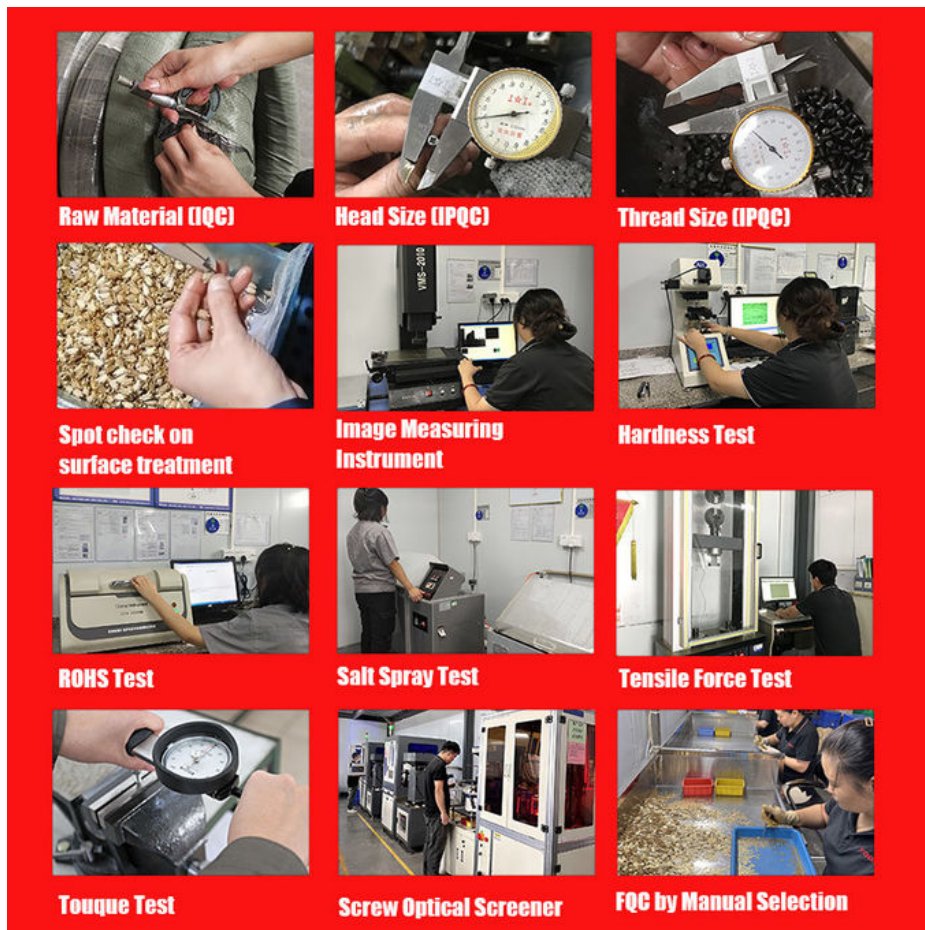
alianchen@finexfastener.com

Contact us



Partners and Exhibitions





FAQ

Q1: What is your main products and material supply?

A1: Our main products are Electronic screws, Sems screws, Tapping screws, Chicago screws, Shoulder screws etc. Special Non-standard studs, Turning parts and High-end precision complex CNC Machining parts etc.

A2: Carbon Steel, Alloy Steel, Aluminum alloy, Stainless Steel, Brass, Copper, Titanium alloy or according to your requirement.

Q2: When can I get the price?

A: We usually offer you a quotation within 12 hours, and the special offer is not more than 24 hours. Any urgent cases, please contact us directly by phone or send email to us.

Q3: What about the transportation and delivery date?

A: If the weight of goods more than 80kg, Normally we use shipment to transport the orders. It is about 20-30 days. If the weight of goods less than 80kg, or there are urgent, we can send the goods via air express, It is 3~5 days.

Q4: What's your packing? What to do in case of damaged goods during transport?

A1: Our Normal packing is bulking in Cartons, less than 20 kgs/carton, 48 cartons / pallet. We also can pack products according to your requirement.

A2: To avoid any subsequent trouble regarding quality issue, we suggest you check the goods once you receive them. If there is any transport damaged or quality issue, don't forget take the detail pictures and contact us as soon as possible, we will properly handle it to make sure your loss to reduce to the smallest.

Q5: Can I get discounts?

A: Yes, for big order, frequent customers, we give reasonable discounts.

Q6: Do you have enough capacity?

A: Our production equipment is a new imported equipment. We have a group of skilled workers who have been working for more than 10 years. Their production experience is very rich and their skills are very skilled. The screws can be 30 million pcs/month. We have sufficient funds to ensure the normal operation of the factory.



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