

## Double Layer Steel Flat Washer Plain Finish For General Industry Connection

Our Product Introduction

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### Basic Information

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



### Product Specification

- Finish: Black, ZINC, Plain
- Style: Flat Washer
- Material: Steel
- Application: Heavy Industry, Mining, Water Treatment, Healthcare, Retail Industry, Food & Beverage, General Industry, Oil & Gas, Automotive Industry, Electrical,electronics,cabint
- Standard: No Standard
- Reliability Test: Mechanical Dimentions,salt Spray Endurance Test
- Service: Customized OEM
- Sample: Availble
- 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



### More Images



## Product Description

Double Layer Steel Flat Washer Plain Finish For General Industry Connection

### FINEX | Fine and Express FASTENERS



## Innovative Double Layer Design

Our Double Layer Steel Flat Washers feature a unique double-layer construction that sets them apart from conventional washers. This innovative design provides enhanced load distribution capabilities, allowing for a more even transfer of force across the fastened surfaces. By spreading the load, it significantly reduces the risk of surface damage, such as indentations or deformations, that can occur with single-layer washers. Whether used in heavy machinery installations, building construction, or DIY home improvement projects, this double layer design ensures the longevity and stability of your connections.

## Premium Quality Steel

We use only top-grade steel in the manufacturing of our Double Layer Steel Flat Washers. This high-quality material offers exceptional strength and durability, capable of withstanding extreme pressures and temperatures. The steel is carefully selected and processed to meet strict industry standards, ensuring that each washer performs reliably in diverse applications. Its resistance to corrosion also makes it suitable for both indoor and outdoor use, protecting your assemblies from the detrimental effects of moisture and environmental elements over time.

## Precision Machined Tolerances

Every Double Layer Steel Flat Washer is precision machined to exacting tolerances. The dimensions, thickness, and hole diameter are all meticulously controlled to guarantee a perfect fit with bolts, nuts, and mating surfaces. This precision is crucial for maintaining the integrity of your fastening systems. It ensures that there is no unwanted play or misalignment, which could lead to loosening or failure of the connection. Whether you're working on a high-precision mechanical device or a large-scale infrastructure project, our washers will integrate seamlessly into your setup.

## Versatile Application Range

The versatility of our Double Layer Steel Flat Washers is truly remarkable. In the industrial sector, they are widely used in factories, power plants, and manufacturing facilities to secure heavy equipment and machinery components. In the construction field, they play a vital role in assembling structural frames, roofing systems, and flooring installations, providing the necessary support and stability. For automotive enthusiasts and mechanics, these washers are indispensable for engine repairs, chassis modifications, and suspension work, enhancing the overall performance and safety of vehicles. No matter the task at hand, our washers offer a practical and dependable solution.

## Easy to Use and Install

We understand the importance of simplicity in installation. Our Double Layer Steel Flat Washers are designed with user-friendliness in mind. They are lightweight and easy to handle, making them convenient for both professionals and DIYers. The washers come with clear installation instructions, and their standard sizing makes them compatible with a wide range of fasteners. You can quickly and effortlessly incorporate them into your projects, saving you valuable time and effort.

## Exceptional Customer Service

Your satisfaction is our utmost concern. Our dedicated customer service team is always on standby to assist you with any questions or concerns you may have. Whether you need advice on washer selection, installation tips, or have any post-purchase inquiries, we are here to provide you with prompt and helpful responses. We strive to make your experience with our Double Layer Steel Flat Washers as smooth and enjoyable as possible.

Choose our Double Layer Steel Flat Washer for your next project and experience the difference in quality, performance, and reliability. It's the smart choice for anyone seeking top-notch fastening support.

**FINEX | Fine and Express**  
**FASTENERS**    

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



**Pozi**



**Phillips**



**Anti-theft  
Triangle**



**Slotted**



**Hex Socket**



**Torx**



**Torx-internal  
Tamper proof pin**



**H type  
anti theft**



**Tri-wing**



**Two-Hole  
Tamper proof**



**One way  
anti theft**



**Square Slot  
Combination**



**Phillips Slot  
Combination**



**Slot 6 Lobe  
Combination**



**Tri-wing internal  
Tamper 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

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#### 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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