

Hex Flange Self-Tapping Screw with Leak-Proof EPDM Sealing Washer for Weatherproof Roofing Fastening

Our Product Introduction

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: FinExpress
- Certification: ISO9001|ISO14001| IATF16949
- Model Number: Tapping Screws
- Minimum Order Quantity: 30000
- Price: \$0.03/pieces 10000-49999 pieces
- Packaging Details: 1.1000pcs / plastic bag,20kgs/ carton ,then put on the wood pallet ,
2.Carton size:28cm*18cm*13cm,
3.Wood pallet size:118cm*113cm,Weight:700~800Kg
Bulk:0.8 cubic
4.The weight of 20 FT Container:20~25 Tons
5,As your requirements
- Delivery Time: 7~15 Working Day
- Payment Terms: T/T,L/C,D/A,D/P
- Supply Ability: 500000000 Piece/Pieces per Week

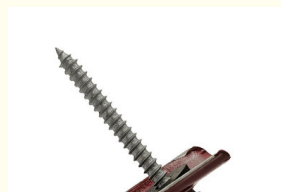
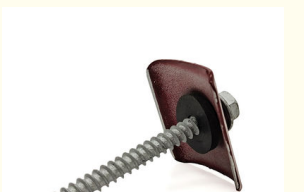


Product Specification

- Finish: Plain, Black Oxide, ZINC PLATED, Custom
- Material: Stainless Steel, Steel
- Measurement System: INCH, Metric, Imperial (Inch)
- Head Style: Flat
- Standard: DIN
- Delivery Time: In Stock 7~15 Working Days, Customized 20~25 Working Days
- Service: All Issues Will Be Noted Within 24hours
- Advantages: Competitive Price With High Quality & Good After-sales Service
- Tapping Screws Type: Drywall Screws Drywall To Drywall
- Customized Support: OEM
- MOQ: 1 Piece In Stock, 30,000 Pcs Customized
- Certificate: IATF16949/ISO9001:2015/ISO14001:2015
- Length: 13mm~180mm



More Images



Product Description

Hex Flange Self-Tapping Screw with Leak-Proof Sealing Washer for Roof Tile Pads

Our Hex Flange Self-Tapping Screw with Leak-Proof Sealing Washer is engineered for secure, weatherproof fastening of roof tiles, panels, and outdoor cladding.



Product Overview

Featuring a hex flange head for tool-driven installation, a self-tapping tip for effortless penetration into metal or wood substrates, and an EPDM sealing washer to block water ingress, this screw ensures long-term durability and leak-free performance in roofing applications. Ideal for contractors and builders, it combines strength, speed, and protection against harsh weather.

Key Features

Hex Flange Head Design

Tool-Friendly Installation: Compatible with standard hex keys or sockets (e.g., 8mm, 10mm) for high-torque driving.
Integrated Washer Function: Flange distributes load to prevent surface damage and pull-through.

Self-Tapping Sharp Point

No Pre-Drilling Required: Cuts through metal roof tiles, battens, or wood substrates effortlessly.
Coarse Threads: Aggressive grip for secure fastening in dynamic weather conditions.

EPDM Sealing Washer

Leak-Proof Seal: UV-resistant EPDM rubber compresses to form a watertight barrier against rain, snow, and moisture.
Durable & Flexible: Withstands temperature extremes (-40°C to 120°C) without cracking.

Corrosion-Resistant Construction

Material Options: A2/A4 stainless steel or zinc-plated carbon steel for rust-proof performance.

Roofing Compliance: Meets ASTM B633 and ISO 3506 standards for outdoor durability.

FINEX | Fine and Express FASTENERS



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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**

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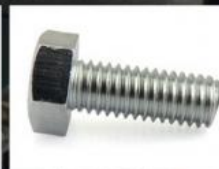
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Surface Processing and Color Customization



Bule Zinc



Yellow Zinc



White Zinc



Black Zinc



Nickel Plated



Black Oxide



Anodizing



Dacromet



**Black
Electrophoresis**



Antique Bronze



Green



Baking Finish

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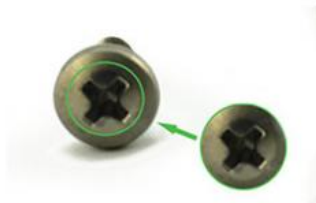
What We Produce is Not Just a Screw. We Provide a Guarantee of Secure Fastening



Specification

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

NO1.Drive compariason



Our screws: cross recess drive remains intact after repeatedly used.

VS



Bad screws on the market: cross recess drive cannot be used after repeatedly used, they may slip or tear out the Philips screw head.

NO2.Torque comparison



Our screws: Nylon patch is high quality, prevailing-torque is more

VS



Bad screws on the market: prevailing-torque is 0 after it is screwed in and out for five times, nylon patch will peel off.

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



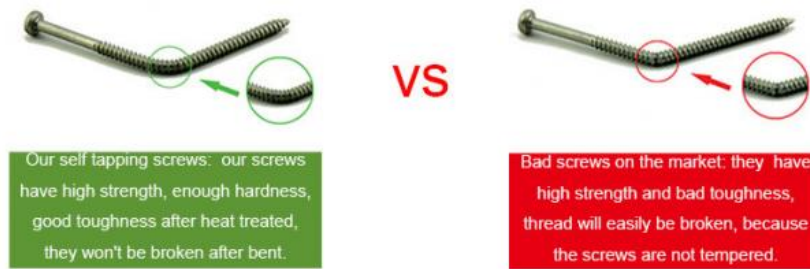
Our screws: we use quality carbon steel material, Chemical Element content in Steel meets the requirement of ISO standard, they won't be broken after 90° bent, high strength, good toughness.requirement of ISO

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



NO6. Corrosion Resistance Comparison of SUS304



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 20-30days. 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.

Company Profile

FINEX

— 20 YEARS
Non-standard Fasteners
Customization Experience

+86-13527934468

ali@finexfastener.com

Contact us



Partners and Exhibitions





Raw Material (IQC)



Head Size (IPQC)



Thread Size (IPQC)



**Spot check on
surface treatment**



**Image Measuring
Instrument**



Hardness Test



ROHS Test



Salt Spray Test



Tensile Force Test



Touque Test



Screw Optical Screener



FQC by Manual Selection



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