

High-Strength Long Lasting Anti-Vibration Metal Screw Fastener for Custom OEM Applications

Our Product Introduction

for more products please visit us on metalscrewfastener.com

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: FINEX
- Model Number: Pin Screw
- Minimum Order Quantity: 30000
- Price: \$0.05/pieces 1000-29999 pieces



Product Specification

- Finish: Plain, ZINC PLATED
- Material: Stainless Steel, Steel
- Measurement System: INCH, Metric
- Head Style: Cheese
- Standard: DIN
- Certificate: ROHS
- Service: Customized OEM
- Packing: Plastic Bag+carton+pallet
- Delivery Time: In Stock 5~7 Working Days, Customized 15~25 Working Days
- Function: Fitting
- MOQ: 1 Piece In Stock, 30,000 Pcs Customized
- Highlight: **customized Metal Screw Fastener, Long Lasting Metal Screw Fastener, stainless steel Male Female Screw Fasteners**



More Images



Stainless Steel Custom Metal Screw Fastener For Long Lasting Fitting

Product Overview

Ensure precision, strength, and longevity in your machinery with our Custom Steel Sprocket Wheel Fixing Pin Screws. Designed to secure sprocket wheels in high-torque, high-vibration environments, these heavy-duty screws combine robust steel construction with tailored customization for seamless integration into industrial, automotive, and agricultural systems. Engineered for reliability, they prevent slippage, reduce wear, and deliver unmatched durability for chains, drives, and rotating assemblies.





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**



Blue Zinc



Yellow Zinc



White Zinc



Black Zinc



Nickel Plated



Black Oxide



Anodizing



Dacromet



**Black
Electrophoresis**



Antique Bronze



Green



Baking Finish

FINEX | Fine and Express
FASTENERS

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



FINEX | Fine and Express
FASTENERS

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



FINEX | Fine and Express FASTENERS



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



Key Features

High-Strength Steel Construction: Crafted from Grade 8.8 or 10.9 alloy steel, these screws offer exceptional tensile strength, shear resistance, and fatigue endurance, ideal for heavy-load applications.

Customizable Design: Tailor every detail to your sprocket system including diameter (5mm-30mm), length (20mm-300mm), and thread type (Metric, UNC/UNF, or custom threading).

Anti-Vibration & Anti-Loosening: Precision-machined threads and optional locking features prevent loosening under dynamic loads.

Corrosion-Resistant Finishes: Choose from zinc plating, hot-dip galvanization, or black oxide coating for enhanced protection.

Seamless Sprocket Compatibility: Designed to fit ANSI, ISO, or custom sprocket wheel specifications.

Long-Lasting Performance: Heat-treated for hardness (HRC 32-39) and surface durability.

Technical Specifications

Material: Alloy Steel (Grade 8.8/10.9), Stainless Steel (304/316 optional)

Finish: Zinc-plated (standard), black oxide, galvanized, or uncoated

Diameter: 5mm-30mm

Length: 20mm-300mm (custom lengths up to 500mm)

Thread Pitch: 0.5mm-3mm (customizable)

Load Capacity: Up to 4,500 N (static shear load)

Hardness: HRC 32-39 (heat-treated)

Standards: ISO 898-1, DIN 912, ASTM A574

Detailed Specifications

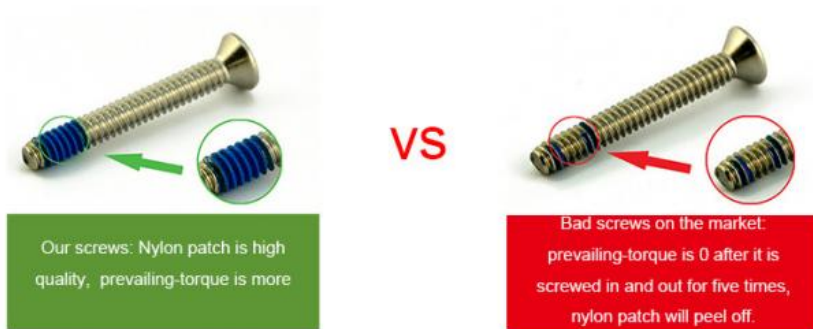
Available Material	1. Stainless Steel: SS303, SS304, SS316, SS410, SS420 2. Carbon steel: C1006, C1010, C1018, C1022, C1035K, C1045 3. Brass: C3602, C3604, Hpb59, Hpb62, Hpb65, Hpb58, Hpb70 4. Aluminum: Al6061, Al6063 etc or as your requirements
Head type	CSK Head, Pan Head, Truss Head, Hexagon Head, 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



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





Finexpress Precision Manufacturing (Dongguan) Co., Ltd



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.



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