

Metric M3 ISO 9001 Certified Half Threaded Nickel Plated Step Shoulder Screw for Precision Alignment

Our Product Introduction

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: FinExpress
- Model Number: Shoulder Screw
- Minimum Order Quantity: 30000
- Price: \$0.08/pieces 5000-9999 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, ZINC PLATED, Dacromet
- Material: Stainless Steel, Steel
- Measurement System: Metric
- Head Style: Pan, Truss, Flat, HEX
- Standard: ISO, Non-standard
- Product Name: Black Dacromet Pan Head Torx Step Shoulder Screw
- MOQ: 1 Piece In Stock, 30,000 Pcs Customized
- Package: Small Packing+Carton Packing+Pallet
- Delivery Time: In Stock 5~7 Working Days, Customized 15~25 Working Days
- Service: OEM ODM Custom Service
- Length: 1mm~500mm
- Certificate: ISO9001:2015, RoHs
- Highlight: **slotted shoulder screw, slotted shoulder screws, nickel plated shoulder screw**

FinEx®



More Images

FinEx®



FinEx®



FinEx®



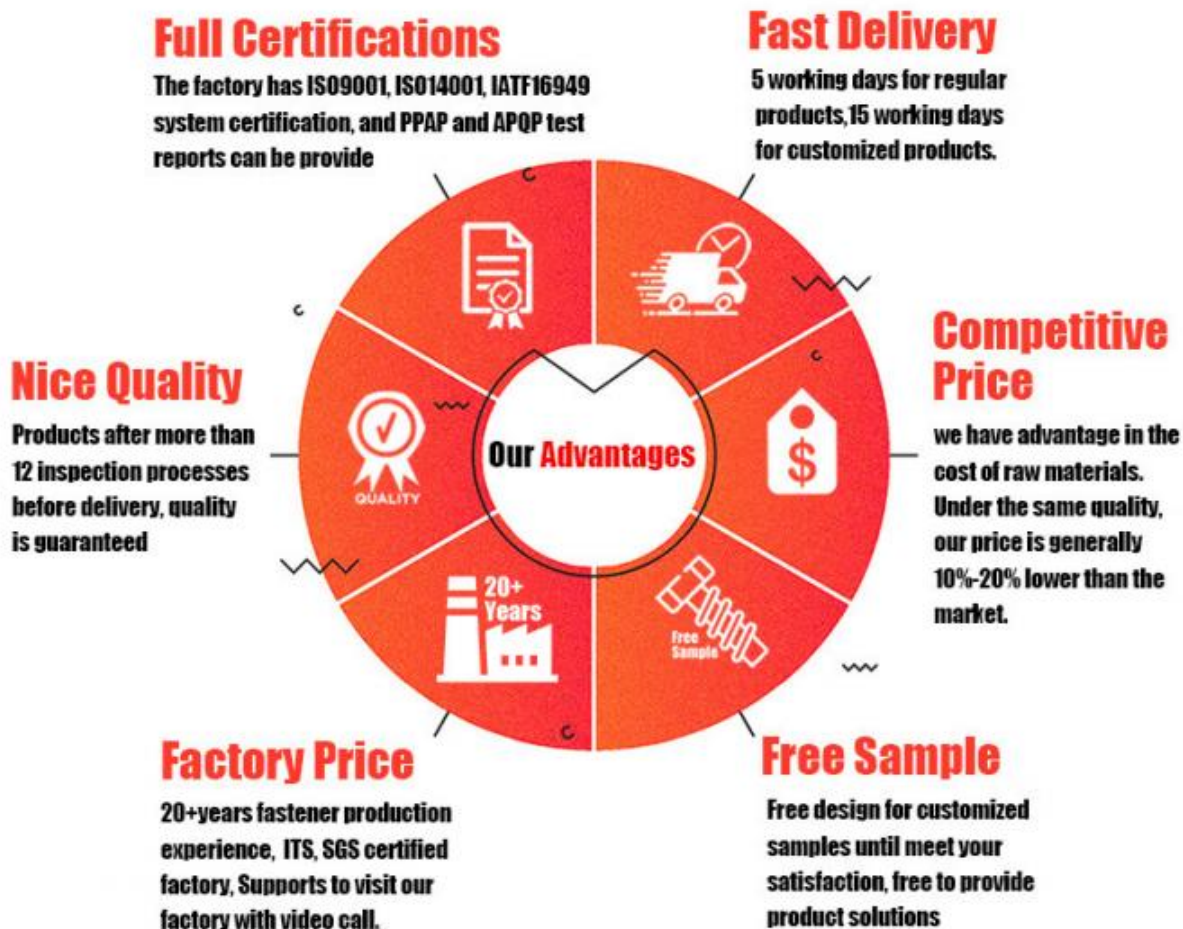
FinEx®



Product Description

Metric M3 Nickel Plated Flat Head Slotted Half Threaded Step Shoulder Screws

FINEX | Fine and Express FASTENERS



Product Overview

Our Metric M3 Nickel Plated Step Shoulder Screws are engineered for applications requiring durability, corrosion resistance, and precise component alignment. Featuring a flat slotted head, half-threaded shank, and smooth unthreaded shoulder, these screws provide secure fastening with reduced friction in rotating assemblies. Ideal for electronics, automotive, medical devices, and industrial machinery, they combine rugged alloy steel construction with a sleek nickel finish for longevity and aesthetic appeal.

Key Features

- ✓ **Nickel-Plated Finish** - Corrosion resistant for indoor/outdoor use with reduced friction surface
- ✓ **Flat Head Slotted Design** - Low profile sits flush with surfaces, compatible with standard screwdrivers
- ✓ **Half-Threaded Step Shoulder** - Unthreaded shoulder provides precise bearing surface for components
- ✓ **Durable Alloy Steel Core** - Grade 8.8/10.9 with high tensile strength up to 1,000 MPa
- ✓ **RoHS Compliance** - Lead-free construction safe for electronics and medical devices



Pozi



Phillips



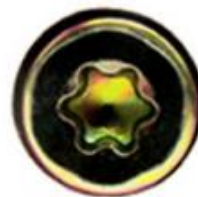
**Anti-theft
Triangle**



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



**Type A
Self Tapping Thread**



**Type B
Self Tapping Thread**



**Type Tek
Self Drilling Thread**



**PT
Plastic Thread**



Hi-Lo Thread



Cutting Thread



**Trilobular
Machine Thread**



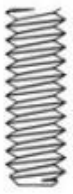
**Type F
Machine Thread**



**Dog Point
Machine Thread**



Machine Thread



**Self Drilling Thread
with wing**





FINEX | Fine and Express FASTENERS

OEM
ORIGINAL
EQUIPMENT
MANUFACTURER

ODM
ORIGINAL
DESIGN
MANUFACTURER

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



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

Why Choose Us?

- ✓ **OEM/ODM Support** - Full custom packaging, branding, and documentation
- ✓ **Quality Assurance** - ISO 9001-certified with full material traceability and testing
- ✓ **Flexible MOQs** - Prototype batches to large-scale production
- ✓ **Fast Turnaround** - 10-15 days for standard orders with expedited options

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



VS



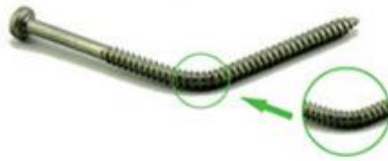
NO4.Screw Material Comparison



VS



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.

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.

FINEX

— 20 YEARS
Non-standard Fasteners
Customization Experience

+86-13527934468

alianchen@finexfastener.com

Contact us



Partners and Exhibitions



Finexpress Precision Manufacturing (Dongguan) Co., Ltd





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



Finexpress Precision Manufacturing (dongguan) Co., Ltd

+86-13527934468

alianchen@finexfastener.com

metalscrewfastener.com

Building 2, No. 129 Xinmalian Xinma Road, Dalang Town, Dongguan, Guangdong, China