

## Non-Standard Metal Screws Custom Manufacturer | Stainless Steel, Titanium, Self-Tapping Hex Screws OEM Factory

### Our Product Introduction

#### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: FineExpress
- Certification: ISO9001|ISO14001| IATF16949
- Model Number: Non-Standard Metal Screws
- Minimum Order Quantity: 30000
- Price: \$0.05/pieces 30000-49999 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

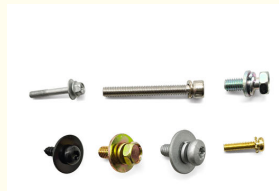
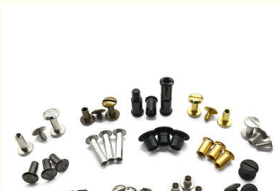
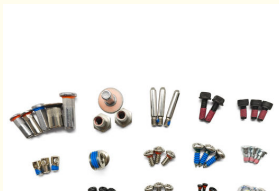


#### Product Specification

- Finish: Galvanizing, Nickel Plating,Black Oxide, Dacromet,Custom
- Material: Brass, Stainless Steel, Steel, Aluminium, Plastic, Titanium, NICKEL, Bronze, Nylon
- Measurement System: INCH
- Head Style: Custom Made
- Standard: Non-standard
- Product Name: Custom Mirror Chrome Plated Special Head Screw
- Head Type: Custom Special Head
- Service: OEM Customized Design
- Delivery Time: In Stock 5~7 Working Days, Customized 15~25 Working Days
- Package: Small Packing+Carton Packing+Pallet
- Reliability Test: Mechanical Dimentions, Hardness Test.Salt Spray Endurance Test
- MOQ: 1 Piece In Stock, 30,000 Pieces Customized



#### More Images





## Product Description

Non-Standard Metal Screws Custom Manufacturer | Stainless Steel, Titanium, Self-Tapping Hex Screws OEM Factory

### FINEX | Fine and Express FASTENERS



### Custom Non-Standard Metal Screw Manufacturing Solutions

For industries requiring precision-engineered fasteners, our OEM factory specializes in producing **custom non-standard metal screws** tailored to your exact specifications. We work with high-performance materials like **stainless steel**, **titanium**, and alloy steels, delivering durable, corrosion-resistant solutions for demanding applications.

### Key Offerings

#### Materials Expertise:

**Stainless Steel (304/316):** Ideal for marine, chemical, and food-grade environments.

**Titanium (Grade 2/5):** Lightweight, ultra-strong, and biocompatible for aerospace, medical, and automotive use.

**Alloy Steels (Grade 8.8/10.9):** Heat-treated for high tensile strength and fatigue resistance.

#### Specialized Screw Types:

**Self-Tapping Screws:** Eliminate the need for pre-drilled holes in metals, plastics, or composites.

**Hex Head/Hex Socket Drives:** Compatible with high-torque tools for secure fastening.

**Custom Threads/Heads:** Non-standard lengths, diameters, thread pitches, or head designs (e.g., flanged, countersunk).

**Customization Capabilities:**

**Prototyping:** Rapid CNC-machined samples for testing and validation.

**Surface Treatments:** Zinc plating, Dacromet®, anodizing, or passivation for enhanced durability.

**Thread-Locking Patches:** Nylon or adhesive coatings for vibration resistance.

**Industries Served**

**Aerospace:** Titanium screws for lightweight structural assemblies.

**Automotive:** Self-tapping hex screws for engine components and panels.

**Medical:** Biocompatible titanium fasteners for surgical tools and implants.

**Renewable Energy:** Stainless steel screws for solar/wind installations.

**Industrial Machinery:** High-strength alloy screws for heavy equipment.

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



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

				
<b>Pozi</b>	<b>Phillips</b>	<b>Anti-theft Triangle</b>	<b>Slotted</b>	<b>Hex Socket</b>
				
<b>Torx</b>	<b>Torx-internal Tamber proof pin</b>	<b>H type anti theft</b>	<b>Tri-wing</b>	<b>Two-Hole Tamber proof</b>
				
<b>One way anti theft</b>	<b>Square Slot Combination</b>	<b>Phillips Slot Combination</b>	<b>Slot 6 Lobe Combination</b>	<b>Tri-wing internal Tamber proof pin</b>







**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

### Why Choose Us?

**OEM/ODM Support:** Full custom packaging, branding, and documentation.

**Quality Assurance:** ISO 9001-certified with full material traceability and testing (salt-spray, torque, tensile).

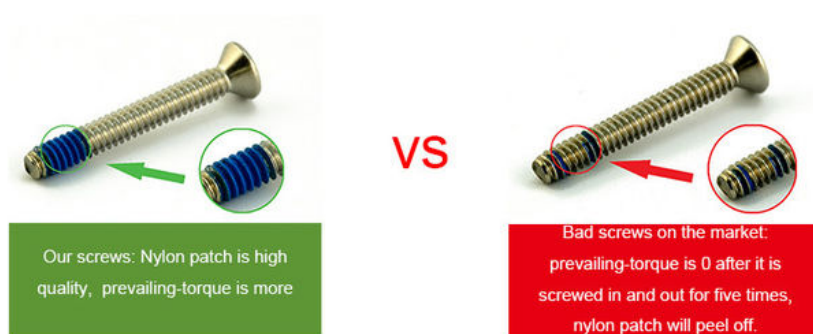
**Flexible MOQs:** Prototype batches to large-scale production.

**Fast Turnaround:** 10–15 days for standard orders; expedited options available.

#### 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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