

Straight Knurled Brass Threaded Insert Nut High Strength And Versatility

Our Product Introduction

for more products please visit us on metalscrewfastener.com

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: FinExpress
- Model Number: Brass insert nut
- Minimum Order Quantity: 50000
- Price: \$0.05/pieces 1000-9999 pieces



Product Specification

- Finish: Custom
- Measurement System: Metric, Imperial (Inch)
- Application: Plastic
- Standard: Non-standard
- Product Name: Brass Thread Inserts Nut For Plastic
- 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
- Certificate: ISO9001:2015, RoHs
- Highlight: **Straight Knurled Threaded Insert Nut, Brass Threaded Insert Nut, High Strength Threaded Rivet Inserts**



More Images



Product Description

Straight Knurled Brass Threaded Insert Nut High Strength And Versatility

FINEX | Fine and Express FASTENERS



Product Overview

Elevate your assembly projects with our **Straight Knurled Brass Threaded Insert Nuts**, engineered to deliver unmatched strength and adaptability in wood, plastic, and composite materials. Featuring a precision straight knurled exterior and corrosion-resistant brass construction, these inserts provide a secure, reusable thread for applications demanding durability and reliability. Ideal for furniture, marine hardware, automotive components, and industrial equipment, they ensure long-lasting performance in even the harshest environments.

Key Features

High-Strength Brass Construction

Crafted from C36000 free-cutting brass, these inserts resist corrosion, tarnish, and wear, making them perfect for humid, marine, or chemical-exposed settings.

Straight Knurled Exterior

Diamond-pattern knurling bites into host materials, preventing rotation or pull-out under vibration, torque, or dynamic loads.

Metric & Imperial Thread Options

Available in M4–M12 (metric) or #8–½" (imperial) internal threads to match your bolts, screws, or studs.

Easy Installation

Install with standard insertion tools, press-fit methods, or heat-setting (for thermoplastics)—no adhesives required.

Reusable & Stripped-Proof

Durable brass threads withstand repeated assembly/disassembly, ideal for modular designs or prototypes.

ROHS & REACH Compliance

Lead-free and eco-friendly, meeting global safety standards for consumer and industrial use.

Technical Specifications

Material: C36000 Brass (Nickel/Chrome Plating Optional)

Thread Size: M4–M12 (Metric) or #8–½" (Imperial)

External Diameter: 6mm–18mm (Custom Sizes Available)

Length: 10mm–40mm (Customizable up to 60mm)

Knurling Type: Straight Diamond Pattern (Enhanced Grip)

Temperature Resistance: -40°F to 400°F (-40°C to 204°C)

Load Capacity: Up to 1,200 N (Dependent on Size/Material)

Certifications: ROHS, ISO 9001, ASTM B16

Packaging: 100 pcs/bag (Bulk/Custom Packaging Available)

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FASTENERS    

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



Pozi



Phillips



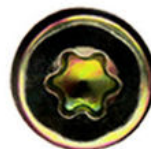
**Anti-theft
Triangle**



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



VS



NO2.Torque comparison



VS



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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