

Corrosion Resistant Brass Threaded Insert Versatility For Wood And Plastic

Our Product Introduction

for more products please visit us on metalscrewfastener.com

Basic Information

- Place of Origin: China
- Brand Name: FINEX
- Certification: ISO9001/ISO14001/IATF16949/RoHs
- Model Number: Brass insert nut-001
- Minimum Order Quantity: 50000
- Price: 0.01~0.1 USD
- Packaging Details: Small Packing+Carton Packing+Pallet
- Delivery Time: In stock 5~7 working days, customized 15~25 working days
- Payment Terms: T/T
- Supply Ability: 500000000 Piece/Pieces per Week



Product Specification

- Thread Size: Various Sizes Available
- Compatibility: Suitable For Use In Wood, Plastic, And Other Soft Materials
- Application: Plastic/Sheet Metal/Wood
- Installation Method: Screw-in
- Knurled Thread Type: Mesh Pattern Knurling
- Corrosion Resistance: Available In Stainless Steel For Increased Resistance To Corrosion
- Thread Type: Internal
- Material: Brass
- Highlight: **Corrosion Resistant Brass Threaded Insert, Versatility Brass Threaded Insert, Corrosion Resistant Brass Inserts For Plastic**



More Images



Product Description

Corrosion Resistant Brass Threaded Insert Versatility For Wood And Plastic

FINEX | Fine and Express FASTENERS



Product Overview

Upgrade your woodworking and plastic fabrication projects with our **Corrosion-Resistant Brass Threaded Inserts**, engineered to create durable, reusable threads in soft materials. Made from high-strength brass alloy, these inserts resist rust, chemicals, and moisture while providing a robust anchoring solution for screws, bolts, and fixtures. Perfect for furniture, marine hardware, and industrial equipment, they ensure long-lasting performance in indoor and outdoor environments.

Key Features

Superior Corrosion Resistance

Brass construction naturally resists rust, tarnish, and degradation from water, salt, or chemicals—ideal for marine, outdoor, or high-humidity applications.

Universal Compatibility

Designed for wood, plastic, MDF, and composite materials, these inserts enable strong, stripped-proof threads for repeated assembly/disassembly.

Easy Installation

Pre-threaded design with knurled or helical exterior grips securely into pre-drilled holes using simple hand tools or installation drivers.

Reinforced Thread Integrity

Internal metric or imperial threads (M3–M12, #4–½") withstand high torque and vibration, preventing pull-out or stripping.

Temperature-Resistant

Performs reliably in temperatures from **-40°F to 400°F** (-40°C to 204°C), suitable for automotive, HVAC, and industrial uses.

ROHS & REACH Compliance

Free from hazardous substances, meeting global safety and environmental standards.

Technical Specifications

Material: C36000 Free-Cutting Brass (Lead-Free)

Finish: Natural Brass (Standard), Optional Nickel or Chrome Plating

Internal Threads: M3–M12, UNC/UNF Imperial Sizes

External Diameter: 5mm–20mm (Size-Dependent)

Length: 8mm–40mm (Custom Sizes Available)

Installation Tools: Manual Inserts Driver, Drill Press, or Heat-Set Tool (For Thermoplastics)

Standards: ISO 9001, ASTM B16, DIN 916



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



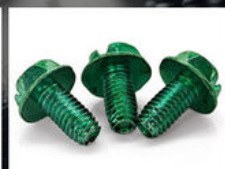
Dacromet



**Black
Electrophoresis**



Antique Bronze



Green



Baking Finish



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

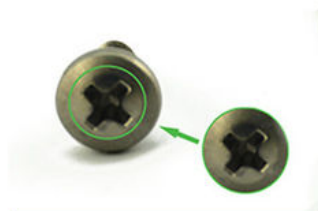


Specification

	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



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



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.

Company Profile

FINEX

20 YEARS
Non-standard Fasteners
Customization Experience

+86-13527934468

alianchen@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

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 transprot 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.



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