

Stainless Steel Passivated M3 Heat Set Inserts High Accuracy with RoHs Certificate

Our Product Introduction

for more products please visit us on metalscrewfastener.com

Basic Information

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

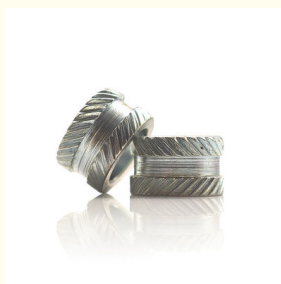
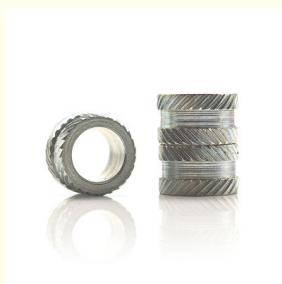


Product Specification

- Finish: Passivated, Polished
- Measurement System: Metric, Imperial (Inch)
- Application: Plastic
- Standard: Non-standard
- 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: **Stainless Steel M3 Heat Set Inserts, Passivated M3 Heat Set Inserts, Passivated M3 Press Insert Nut**



More Images



Product Description

Stainless Steel Passivated M3 Heat Set Inserts High Accuracy with RoHS Certificate

FINEX | Fine and Express FASTENERS



Enhance the strength and durability of your 3D-printed or thermoplastic projects with our **Stainless Steel Passivated M3 Heat Set Inserts**. Designed for precision and reliability, these inserts provide a robust threaded connection that withstands repeated use and high-stress applications. Perfect for professionals and hobbyists alike, these heat set inserts are a must-have for creating long-lasting, professional-grade assemblies.

Key Features:

High-Quality Stainless Steel: Made from premium stainless steel, these inserts offer excellent corrosion resistance, ensuring long-term durability even in harsh environments.

Passivated Surface Finish: The passivation process enhances the inserts' resistance to rust and corrosion, making them ideal for use in demanding applications.

M3 Thread Size: Compatible with M3 screws, these inserts provide a secure and reliable threaded connection for a wide range

of projects.

Heat Set Installation: Designed to be installed using a soldering iron or specialized heat set tool, these inserts melt into thermoplastic materials, creating a strong, permanent bond.

Knurled Outer Surface: The knurled design ensures a tight grip within the host material, preventing rotation or loosening over time.

Technical Specifications:

Material: Stainless steel (grade 304 or 316 available)

Surface Finish: Passivated (anti-rust and corrosion-resistant)

Thread Size: M3 (metric)

Outer Diameter: [Insert specific measurement]

Length: [Insert specific measurement]

Installation Method: Heat set (requires soldering iron or heat set tool)

Why Choose Our Stainless Steel Passivated M3 Heat Set Inserts?

Durability: Stainless steel construction ensures long-lasting performance.

Corrosion Resistance: Passivated finish provides added protection against rust and corrosion.

Secure Fit: Knurled outer surface prevents rotation and ensures a tight grip.

Ease of Installation: Simple heat set process allows for quick and efficient installation.

Versatility: Ideal for use in 3D printing, CNC machining, and other thermoplastic applications.

Applications:

Reinforcing 3D-printed parts with threaded connections

Creating durable assemblies in CNC-machined thermoplastic components

Strengthening joints in robotics, drones, and other mechanical projects

Enhancing the durability of consumer products, prototypes, and industrial equipment

Package Includes:

Stainless Steel Passivated M3 Heat Set Inserts (quantity as selected)

Installation Tips:

Use a soldering iron or heat set tool with a tip that matches the insert's diameter.

Preheat the tool to the recommended temperature for the thermoplastic material.

Align the insert with the pre-drilled hole and apply gentle pressure until it melts into place.

Allow the material to cool and solidify before use.

Order Now and Elevate Your Projects!

Upgrade your assemblies with the strength and reliability of our Stainless Steel Passivated M3 Heat Set Inserts. Perfect for 3D printing enthusiasts, engineers, and manufacturers, these inserts deliver professional-grade results. Add to cart today and enjoy fast shipping, competitive pricing, and exceptional customer service!



Pozi



Phillips



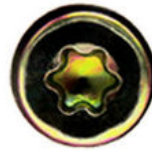
**Anti-theft
Triangle**



Slotted



Hex Socket



Torx



**Torx-internal
Tamber proof pin**



**H type
anti theft**



Tri-wing



**Two-Hole
Tamber proof**



**One way
anti theft**



**Square Slot
Combination**



**Phillips Slot
Combination**



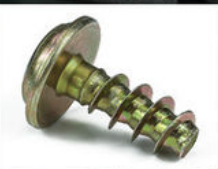
**Slot 6 Lobe
Combination**



**Tri-wing internal
Tamber 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

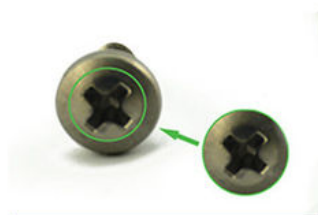


Specification

	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



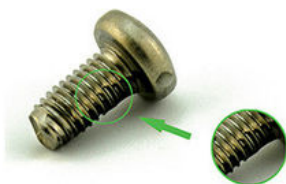
VS



Our self tapping screws: our screws have high strength, enough hardness, good toughness after heat treated, they won't be broken after bent.

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



VS



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.

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