



Custom Brass CNC Machined Parts with Tight Tolerances

Our Product Introduction

for more products please visit us on cnc-metalmachining.com

Basic Information

- Place of Origin: Shenzhen China
- Brand Name: Xianheng
- Certification: ISO9001:2015
- Model Number: BS-CNC-078
- Minimum Order Quantity: 1 pcs
- Price: USD \$0.1-\$1.99
- Packaging Details: Carton, As Customers' packaging requirements
- Delivery Time: Samples 7-10 days, Mass production 20-25 days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 10000 pcs per week



Product Specification

- Cnc Machining Or Not: CNC Machining
- Type: Milling, Turning, Machining
- Material Capabilities: Copper, Aluminum, Bronze, Stainless Steel, Brass
- Surface Treatment: Anodized, Anodizing, Anodize/natural, Sandblast, Silk-screen
- Application: Machinery, Automotive, Laptop, Industrial Equipment, Engineering
- Tolerance: 0.01mm, 0.05 Mm, +/-0.005, 0.003-0.05mm
- Service: OEM/ODM, OEM ODM Metal Stamping, Customized OEM OEM ODM, OEM Service
- Color: As Per Customers' Requirement
- Keyword: CNC Milling Brass Parts
- Sample: Acceptable
- Highlight: **custom brass CNC machined parts, brass CNC parts with tight tolerances, precision brass CNC components**



More Images



Product Description

What We Can Provide

Customized Brass CNC Parts with Surface Finishes and Tight Tolerances Manufactured with Advanced CNC Machining Techniques

Description of Customized Brass CNC Parts with Surface Finishes and Tight Tolerances Manufactured with Advanced CNC Machining Techniques

Customized brass CNC parts are precision-engineered components produced using state-of-the-art CNC (Computer Numerical Control) machining processes. These parts are designed to meet exact specifications, featuring tight dimensional tolerances and high-quality surface finishes that enhance both functionality and aesthetics. Brass, a versatile alloy of copper and zinc, is chosen for its excellent machinability, corrosion resistance, thermal conductivity, and attractive golden hue, making it ideal for applications requiring durability and visual appeal.

Specification of Customized Brass CNC Parts with Surface Finishes and Tight Tolerances Manufactured with Advanced CNC Machining Techniques

Business Type	CNC Machined Parts Factory / Manufacturer
Service	1. CNC Machining 2. Turning and Milling 3. CNC Turning 4. OEM Parts
Material	Aluminum: 5052, 6061, 6063, 6082, 7075-T etc 2. Steel: 4140, Q235, Q345B, etc. 3. Titanium: TA1, TA2/GR2, TA4/GR5, TC4, TC18, etc. 4. Stainless steel: 303, 304, 316L, etc. 5. Brass: C36000, C37700, C26800, C22000 etc 6. Plastic: Pom, ABS, Nylon, etc.
Main Equipment	CNC Machining center (Milling), CNC Lathe, Grinding machine
Treatment	Sandblasting, Anodize color, Blackening, Zinc/Nickel Plating, Polish, Passivation PVD, Titanium Plating, Electro galvanizing, electroplating chromium, electrophoresis, QPQ (Quench-Polish-Quench), Electro Polishing, Chrome Plating, Knurl, Power coating, Laser etch Logo,
Tolerance	$\pm 0.01\text{mm}$ $\pm 0.05\text{mm}$
Drawing format	STEP, STP, GIS, CAD, PDF, DWG, DXF etc or samples.

Application Of Customized Brass CNC Parts with Surface Finishes and Tight Tolerances Manufactured with Advanced CNC Machining Techniques

1. Auto Components Hardware Parts Auto Parts
2. Communication Equipment
3. Industrial Equipment
4. Medical Equipments Mechanical Parts
5. Ship Accessories
6. Electrical Equipment
7. Mechanical Equipment

Quality Control

1. Checking the raw material after they reach our factory----- Incoming quality control (IQC)
2. Checking the details before the production line operated
3. Have full inspection and routing inspection during mass production---In process quality control(IPQC)
4. Checking the goods after they are finished---- Final quality control(FQC)
5. Checking the goods after they are finished-----Outgoing quality control(OQC)

Why Choose Us

Advantages

Exceptional Precision for Critical Applications

Advanced CNC machining ensures parts adhere to stringent tolerances, eliminating variability and ensuring compatibility in high-stakes industries like aerospace, medical, and automotive. This precision reduces rework, enhances reliability, and extends product lifespan.

Enhanced Durability via Specialized Surface Treatments

Surface finishes such as electroplating, anodizing, or passivation improve corrosion resistance, reduce friction, and protect against environmental degradation. For example, nickel plating enhances hardness, while polishing creates a smooth, easy-to-clean surface ideal for sanitary applications.

Superior Aesthetic Appeal for Brand Differentiation

Brass's natural luster, combined with finishes like brushing, mirror polishing, or decorative plating, allows manufacturers to create visually striking components. This is crucial for consumer products, luxury goods, and architectural elements where appearance drives customer preference.

Cost-Effective Production at Scale

While CNC machining involves upfront tooling costs, its automation and precision minimize material waste, labor expenses, and quality control issues in large-volume production. Tight tolerances also reduce the need for post-machining adjustments, streamlining assembly and lowering overall costs.

Factory Show

Factory Equipment



WEDM



Milling Machine



CNC Wire Cut



Coordinate measuring machine



CNC Bending Machine



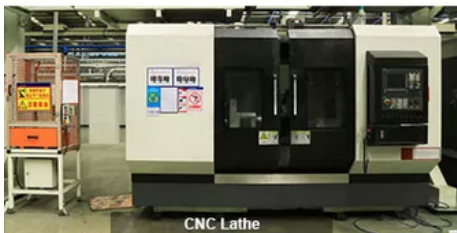
Hydraulic Press Machine



SLS/SLA Machine



5-Axis CNC



CNC Lathe



Laser cutting Machine



CNC Punching Machine



Injection Molding machine



FAQ

Q1: Where can I get product & price information?

A1: Send us inquiry e-mail, we will contact you as we receive your mail.

Q2: How long can I get the sample?

A2: Depends on your specific items, within 3-7 days is required generally.

Q3: What kinds of information you need for quote?

A3: Kindly please provide the product drawing in PDF, and will be better you can provide in STEP or IGS.

Q4: What are the payment terms?

A4: We accept 50% as payment deposit, when the goods is done, we take photos for your check and you then pay the balance.

Q5: Are you a trading company or factory?

A5: We are direct factory with 10 experienced engineers and more than 650 employees as well approximate 2,000 square ft. workshop area.

Q6: What shall we do if we do not have drawings?

A6: Please send your sample to our factory, then we can copy or provide you better solutions. Please send us pictures or drafts with dimensions (Length, Height, Width), CAD or 3D file will be made for you if placed order.





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