



Custom Brass CNC Parts for Automotive Aerospace Industries Precision-Crafted Custom Machining Services

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-077
- 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: **Precision-Crafted Brass CNC Parts, Automotive Aerospace Brass CNC Parts, Custom Machining Services Brass CNC Parts**



More Images



Product Description

What We Can Provide

Custom Brass CNC Parts for Automotive Aerospace Industries Precision-Crafted Custom Machining Services

Description of Custom Brass CNC Parts for Automotive Aerospace Industries Precision-Crafted Custom Machining Services

Custom brass CNC (Computer Numerical Control) parts are specialized components meticulously engineered and manufactured to meet the exacting demands of the automotive and aerospace sectors. Leveraging advanced CNC machining technology, these parts are crafted from high-quality brass alloys, renowned for their excellent corrosion resistance, electrical conductivity, and aesthetic appeal. The precision-crafted custom machining services encompass every stage of production, from initial design consultation and CAD modeling to final inspection and quality assurance.

Specification of Custom Brass CNC Parts for Automotive Aerospace Industries Precision-Crafted Custom Machining Services

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/Nickl Plating, Polish,,Passivation PVD, Titanium Plating,Electrogalvanizing,electroplating chromium, electrophoresis, QPQ(Quench-Polish-Quench),Electro Polishing,Chrome Plating, Knurl,Power coating,Laser etch Logo,
Tolerance	±0.01mm~±0.05mm
Drawing format	STEP,STP,IGES,CAD,PDF,DWG,DXF etc or samples.

Application Of Custom Brass CNC Parts for Automotive Aerospace Industries Precision-Crafted Custom Machining Services

1. Auto Components Hardware Parts Auto Parts
2. Communication Equipment
3. Industrial Equipment
4. Medical EquipmentsMechanical 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

1. Unmatched Precision and Consistency:

CNC machining technology enables the production of brass parts with incredibly tight tolerances, ensuring consistent quality and performance across batches. This level of precision is crucial in automotive and aerospace applications, where even the slightest deviation can compromise safety and functionality. By utilizing advanced CAD/CAM software and multi-axis machining centers, manufacturers can achieve complex geometries and intricate details that would be impossible or impractical with traditional machining methods.

2. Enhanced Durability and Reliability:

Brass alloys are inherently resistant to corrosion, oxidation, and wear, making them ideal for components exposed to harsh environmental conditions. In the automotive and aerospace industries, where parts are often subjected to extreme

temperatures, humidity, and mechanical stress, the durability of brass CNC parts ensures long-term reliability and reduced maintenance costs. Additionally, the excellent electrical conductivity of brass makes it a preferred material for electrical connectors and wiring applications, where signal integrity and power transmission efficiency are critical.

3. Customization and Flexibility:

One of the most significant advantages of custom brass CNC parts is the ability to tailor designs to specific application requirements. Whether it's a unique shape, size, or surface finish, CNC machining allows for unprecedented flexibility in part design. This customization capability is invaluable in the automotive and aerospace sectors, where each project may have unique specifications and performance criteria. By collaborating closely with clients during the design phase, manufacturers can create brass components that perfectly match their needs, optimizing performance, reducing weight, and improving overall system efficiency.

Factory Show

Factory Equipment



WEDM



Milling Machine



CNC Wire Cut



Coordinate measuring machine



CNC Bending Machine



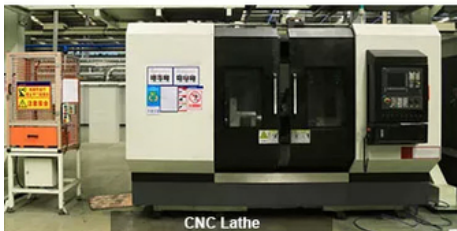
Hydraulic Press Machine



SLS/SLA Machine



5-Axis CNC



CNC Lathe



Laser cutting Machine



CNC Punching Machine



Injection Molding machine



FAQ

Q: How can I customize my products ?

A: Please describe your project. Include the following information so that we can provide an accurate quote: Part Name, 3D CAD Drawing, Quantity, Material, Color, Finishing.

Q: How can I know my products going on ?

A: We will offer a detailed production schedule and send weekly reports with digital pictures and videos which show the production process.

Q: Can You sign a confidentiality greement ?

A: We can sign a confidentiality agreement according to your needs.

Q: What is your terms of payment ?

A: 30% in advance ,70% balance before shipment. Other terms negotiable.

Q: Are you a trading company or factory?

A: We are direct factory with 20 experienced engineers and more than 80 employees as well approximate 3,000 square meters workshop area.

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

A: 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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