



Custom Brass CNC Parts for Automotive Electronics Aerospace Industries 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-076
- 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: **Tight Tolerances Brass CNC Parts, Aerospace Industries Brass CNC Parts, Automotive Electronics Brass CNC Parts**



More Images



Product Description

What We Can Provide

Custom Brass CNC Parts for Automotive Electronics Aerospace Industries with Tight Tolerances

Description of Custom Brass CNC Parts for Automotive Electronics Aerospace Industries with Tight Tolerances

Expertly Engineered Stainless Steel CNC Parts for Industrial Applications: Custom Solutions and Custom Machining Services are precision-crafted components designed to meet the unique needs of industrial sectors such as manufacturing, automotive, aerospace, and energy. These parts are manufactured using advanced Computer Numerical Control (CNC) technology, which enables intricate designs, tight tolerances, and superior material utilization. The stainless steel construction ensures exceptional durability, corrosion resistance, and thermal stability, making them ideal for harsh environments and high-stress applications.

Specification of Custom Brass CNC Parts for Automotive Electronics Aerospace Industries with Tight Tolerances

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	$\pm 0.01\text{mm} \sim \pm 0.05\text{mm}$
Drawing format	STEP,STP,IGES,CAD,PDF,DWG,DXF etc or samples.

Application Of Custom Brass CNC Parts for Automotive Electronics Aerospace Industries with Tight Tolerances

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. Precision Engineering for Unmatched Performance

CNC machining guarantees parts that meet exact specifications, with tolerances as tight as ± 0.001 inches. This precision is critical for applications requiring seamless fit, such as robotic joints or precision valves, where even minor deviations can lead to system failures. The ability to replicate complex geometries consistently ensures reliable performance in demanding industrial environments.

2. Material Excellence for Longevity and Reliability

Stainless steel's inherent properties—strength, corrosion resistance, and low maintenance—make these parts ideal for industries where durability is paramount. They withstand exposure to chemicals, moisture, and extreme temperatures, reducing downtime and replacement costs. For example, in food processing or marine applications, stainless steel parts resist rust and contamination, ensuring safety and compliance with industry standards.

3. Flexibility and Innovation Through Customization

Custom solutions and machining services empower engineers to innovate by addressing niche requirements. Whether optimizing weight, integrating advanced features, or enhancing fluid dynamics, tailored designs enable improved efficiency and functionality. For instance, in the automotive sector, custom parts can reduce weight without compromising strength, leading to fuel savings and enhanced performance. In medical devices, precision-engineered components ensure compatibility with sterilization processes and biocompatibility standards.

Factory Show

Factory Equipment



WEDM



Milling Machine



CNC Wire Cut



Coordinate measuring machine



CNC Bending Machine



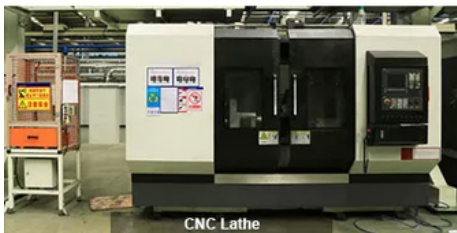
Hydraulic Press Machine



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.





0086-13682614486



shawn@xianheng-tech.com



cnc-metalmachining.com

Room 8-1409, Xingji jiyuan building 8-9#, HongXing community, Songgang street, Bao'an District, Shenzhen
City China