



Brass CNC Parts High Precision Heat-Resistant and Vibration-Dampening Solutions for Automotive

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen China
- Brand Name: Xianheng
- Certification: ISO9001:2015
- Model Number: BS-CNC-084
- 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



More Images



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

Product Description

What We Can Provide

Brass CNC Parts High Precision Heat-Resistant and Vibration-Dampening Solutions for Automotive

Description of Brass CNC Parts High Precision Heat-Resistant and Vibration-Dampening Solutions for Automotive

Brass CNC-machined parts are engineered to meet the rigorous demands of the automotive industry, offering high precision, exceptional heat resistance, and superior vibration-dampening properties. These components are manufactured using advanced CNC (Computer Numerical Control) machining processes, ensuring tight tolerances, repeatability, and reliability in harsh automotive environments.

Specification of Brass CNC Parts High Precision Heat-Resistant and Vibration-Dampening Solutions for Automotive

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	±0.01mm ±0.05mm
Drawing format	STEP, STP, GIS, CAD, PDF, DWG, DXF etc or samples.

Application Of Brass CNC Parts High Precision Heat-Resistant and Vibration-Dampening Solutions for Automotive

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

1. Enhanced Durability in High-Temperature Environments

Brass alloys (e.g., C36000, C46400) exhibit excellent thermal stability, resisting deformation and corrosion even under prolonged exposure to engine heat or exhaust gases.

Example: Fuel injector bodies and thermostat housings maintain precision fit and function despite temperature fluctuations.

2. Superior Vibration Dampening for Quieter Operation

Brass's internal damping characteristics absorb vibrations from engines, transmissions, and chassis components, reducing noise and fatigue.

Example: Brass bushings in suspension systems minimize road-induced vibrations, improving ride comfort.

3. Precision Machining for Complex Geometries

CNC technology allows for intricate designs (e.g., micro-threads, internal cooling channels) with minimal post-processing, reducing assembly errors.

Example: Custom-machined brass connectors for automotive wiring harnesses ensure reliable electrical contact.

4. Cost-Effective Longevity vs. Alternative Materials

Brass outperforms plastics (melting risk) and some steels (corrosion susceptibility) in automotive applications, offering a longer service life with lower maintenance costs.

Example: Brass valve components in cooling systems resist corrosion and wear, reducing replacement frequency.

Factory Show

Factory Equipment



WEDM



Milling Machine



CNC Wire Cut



Coordinate measuring machine



CNC Bending Machine



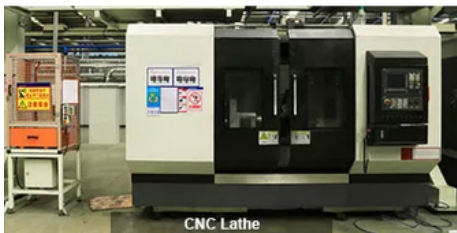
Hydraulic Press Machine



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.





0086-13682614486



shawn@xianheng-tech.com



cnc-metalmachining.com

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