



## High Precision CNC Machining Brass CNC Components: Medical & Electronics Grade Accuracy

Our Product Introduction

for more products please visit us on [cnc-metalmachining.com](http://cnc-metalmachining.com)

### Basic Information

- Place of Origin: Shenzhen China
- Brand Name: Xianheng
- Certification: ISO9001:2015
- Model Number: BS-CNC-087
- 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



## Product Description

### What We Can Provide

#### High Precision CNC Machining Brass CNC Components: Medical & Electronics Grade Accuracy

#### Description of High Precision CNC Machining Brass CNC Components: Medical & Electronics Grade Accuracy

High Precision CNC Machining Brass Components deliver medical & electronics-grade accuracy ( $\pm 0.001\text{mm}$ ) using Swiss-type lathes and 5-axis milling. Brass's 68% IACS conductivity and biocompatibility make it ideal for surgical implants, RF connectors, and semiconductor components.

#### Specification of High Precision CNC Machining Brass CNC Components: Medical & Electronics Grade Accuracy

|                |                                                                                                                                                                                                                                                                               |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Business Type  | CNC Machined Parts Factory / Manufacturer                                                                                                                                                                                                                                     |
| Service        | 1. CNC Machining<br>2. Turning and Milling<br>3. CNC Turning<br>4. OEM Parts                                                                                                                                                                                                  |
| Material       | Aluminum: 5052, 6061, 6063, 6082, 7075-T etc<br>2. Steel: 4140, Q235, Q345B, etc.<br>3. Titanium: TA1, TA2/GR2, TA4/GR5, TC4, TC18, etc.<br>4. Stainless steel: 303, 304, 316L, etc.<br>5. Brass: C36000, C37700, C26800, C22000 etc<br>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 High Precision CNC Machining Brass CNC Components: Medical & Electronics Grade Accuracy

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

**Medical-Grade Certification:** Compliant with ISO 13485 for implantable devices and USP Class VI biocompatibility standards.

**Electronics Performance:** 20% lower thermal expansion vs. aluminum ensures stability in high-frequency PCB assemblies.

**Micro-Machining Capability:** Produces 0.3mm-diameter fluidic channels for lab-on-a-chip devices with burr-free finishes.

**Traceable Production:** Lot-specific material certificates and in-process SPC monitoring for critical dimensions.

## Factory Show

# Factory Equipment



WEDM



Milling Machine



CNC Wire Cut



Coordinate measuring machine



CNC Bending Machine



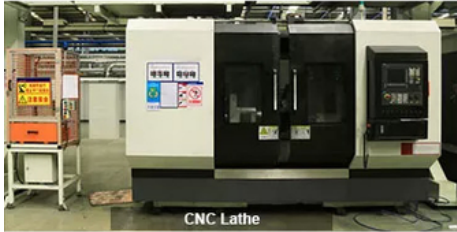
Hydraulic Press Machine



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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