



## Precision Stainless Steel CNC Parts for Medical Devices Electronics Competitive Prices Custom Metal Manufacturing

### 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: ST-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: Customized OEM
- Keyword: Stainless Steel Milling Parts
- Quality Control: 100% Inspection Berore Shipment, 100% Full Inspection



#### More Images



## Product Description

### What We Can Provide

#### Precision Stainless Steel CNC Parts for Medical Devices Electronics Competitive Prices Custom Metal Manufacturing

#### Description of Precision Stainless Steel CNC Parts for Medical Devices Electronics Competitive Prices Custom Metal Manufacturing

Precision stainless steel CNC (Computer Numerical Control) parts are critical components in medical devices and electronics, where high accuracy, durability, and biocompatibility are essential. Custom metal manufacturing ensures these parts meet exact specifications while maintaining competitive pricing through optimized production processes, advanced machinery, and material efficiency.

#### Specification of Precision Stainless Steel CNC Parts for Medical Devices Electronics Competitive Prices Custom Metal Manufacturing

##### Custom Metal Solutions

|                         |                     |                    |                       |
|-------------------------|---------------------|--------------------|-----------------------|
| Candle Holders/Cups     | Medical Containers  | Metal End Covers   | Mobile Phone Shells   |
| Crafts Stamping Parts   | Tablewares          | Aluminum Lids      | Cabinet Enclosures    |
| Lighting Stamping Parts | Filters/Strainers   | Cosmetic Caps      | Furniture Accessories |
| Metal Brackets/Stand    | Protective Shields  | Essential Oil Caps | Door&Window Fittings  |
| Electronic Components   | Sheet Metal Panels  | Perfume Caps       | Shafts/Sleeves/Gears  |
| Electrical Connections  | Cooling Fins        | Wine Bottle Caps   | Fasteners             |
| Metal Structures        | Metal Contact Clips | Jar Caps           | Machinery Parts       |
| Car Spare Parts         | Motor Spare Parts   | Glass Bottle Caps  | Pipe Fittings/Elbows  |

#### Application Of Precision Stainless Steel CNC Parts for Medical Devices Electronics Competitive Prices Custom Metal Manufacturing

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 enables micro-level accuracy (tolerances as tight as  $\pm 0.001$ mm), ensuring parts fit perfectly in medical implants, surgical tools, or electronic connectors. Automated processes eliminate human error, delivering identical quality across batches—vital for FDA-compliant medical devices and high-reliability electronics.

##### 2. Material Excellence for Critical Applications

Stainless steel (e.g., 316L, 17-4 PH) offers corrosion resistance, sterilization compatibility, and biocompatibility, making it ideal for medical implants, surgical instruments, and electronic enclosures. Custom manufacturing selects the optimal grade for each application, balancing strength, weight, and cost.

##### 3. Cost Efficiency Without Compromise

**Reduced Waste:** Advanced CNC programming minimizes material scrap, lowering raw material costs.  
**Faster Turnaround:** Automated workflows shorten production cycles compared to traditional methods.  
**Scalability:** Volume flexibility allows cost-effective production for both prototypes and large-scale orders.  
**Low Maintenance:** Durable stainless steel parts reduce long-term replacement expenses.

##### 4. Customization for Complex Designs

CNC technology supports intricate geometries (e.g., internal threads, micro-holes) impossible with manual machining. This enables innovation in medical devices (e.g., minimally invasive tools) and electronics (e.g., heat sinks, EMI shielding). Custom solutions also accommodate branding, ergonomic features, or integration with other components.

## Factory Show

### Factory Equipment



WEDM



Milling Machine



CNC Wire Cut



Coordinate measuring machine



CNC Bending Machine



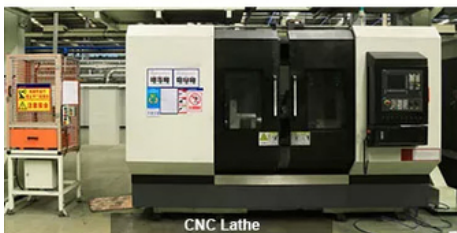
Hydraulic Press Machine



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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