



## Custom Metal Solutions for Medical and Electronics Applications Advanced CNC Technology for Stainless Steel CNC Parts

### 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-081
- 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

#### Custom Metal Solutions for Medical and Electronics Applications Advanced CNC Technology for Stainless Steel CNC Parts

#### Description of Custom Metal Solutions for Medical and Electronics Applications Advanced CNC Technology for Stainless Steel CNC Parts

Custom metal solutions leveraging advanced CNC (Computer Numerical Control) technology are revolutionizing the medical and electronics industries by enabling the production of high-precision, durable, and compliant stainless steel components. These solutions are tailored to meet the unique demands of each sector, ensuring optimal performance, reliability, and safety.

#### Specification of Custom Metal Solutions for Medical and Electronics Applications Advanced CNC Technology for Stainless Steel CNC Parts

##### 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 Custom Metal Solutions for Medical and Electronics Applications Advanced CNC Technology for Stainless Steel CNC Parts

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

##### High Precision and Tight Tolerances:

Advanced CNC machines can achieve tolerances as tight as  $\pm 0.001$  inches, ensuring that each stainless steel part meets exact specifications. This level of precision is critical in medical applications, where even minor deviations can compromise device functionality or patient safety. For example, surgical instruments and diagnostic tools require components with precise dimensions to ensure accurate operation.

##### Complex Geometries and Custom Designs:

CNC technology allows for the creation of intricate shapes and features that would be difficult or impossible to achieve with traditional manufacturing methods. This capability is invaluable in the electronics industry, where components often need to fit into compact spaces or integrate with other systems seamlessly. Custom metal brackets, enclosures, and connectors can be designed to meet specific application requirements, enhancing device performance and reliability.

##### Material Versatility and Durability:

Stainless steel is a preferred material for medical and electronics applications due to its corrosion resistance, strength, and biocompatibility. Advanced CNC machining techniques can handle various grades of stainless steel, ensuring that parts can withstand harsh environments, sterilization processes, and repeated use without degradation. This durability is essential for medical devices that must maintain performance over long periods and electronics components that require long-term

reliability.

#### Scalability and Efficiency:

CNC technology supports both prototyping and large-scale production, making it ideal for industries with evolving needs. Automated processes reduce human error, improve consistency, and accelerate turnaround times. This efficiency is particularly beneficial in the medical field, where rapid prototyping and on-demand production can accelerate product development and innovation.

## Factory Show

### Factory Equipment



WEDM



Milling Machine



CNC Wire Cut



Coordinate measuring machine



CNC Bending Machine



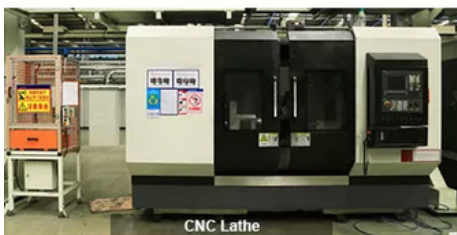
Hydraulic Press Machine



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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