



## High Precision Stainless Steel CNC Parts for Medical Devices and Electronics Custom Metal Solutions

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-074
- 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

#### High Precision Stainless Steel CNC Parts for Medical Devices and Electronics Custom Metal Solutions

#### Description of High Precision Stainless Steel CNC Parts for Medical Devices and Electronics Custom Metal Solutions

High-precision stainless steel CNC parts are critical for medical devices and electronics, where exacting tolerances, biocompatibility, and durability are non-negotiable. These components are manufactured using advanced CNC machining technologies to meet stringent regulatory standards (e.g., FDA, ISO 13485 for medical devices; IPC for electronics) while ensuring reliability in life-saving and high-performance applications.

#### Specification of High Precision Stainless Steel CNC Parts for Medical Devices and Electronics Custom Metal Solutions

##### 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 High Precision Stainless Steel CNC Parts for Medical Devices and Electronics Custom Metal Solutions

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. Biocompatibility & Sterilization Compatibility (Medical)

Stainless steel 316LVM is hypoallergenic and resistant to body fluids, making it ideal for implants and surgical tools. CNC machining ensures smooth, burr-free surfaces that minimize bacterial retention and withstand repeated sterilization (e.g., autoclaving, gamma radiation) without degradation.

##### 2. Ultra-High Precision for Miniaturization (Electronics)

In electronics, components must fit into compact assemblies (e.g., smartphones, medical wearables). CNC machining achieves micro-level precision (e.g., 0.1mm features) for connectors, shielding, and heat sinks, ensuring signal integrity and thermal management in dense circuits.

##### 3. Corrosion Resistance for Longevity & Safety

Stainless steel's chromium oxide layer protects against rust, chemicals, and humidity—critical for medical devices exposed to bodily fluids and electronics in harsh environments (e.g., industrial sensors). Surface treatments like passivation further extend lifespan, reducing replacement costs.

##### 4. Rapid Prototyping & Scalability

CNC machining allows for quick design iterations, accelerating product development cycles for medical and electronics OEMs. Once validated, the same processes scale seamlessly to high-volume production without compromising quality, reducing time-to-market and costs.

## Factory Show

# Factory Equipment



WEDM



Milling Machine



CNC Wire Cut



Coordinate measuring machine



CNC Bending Machine



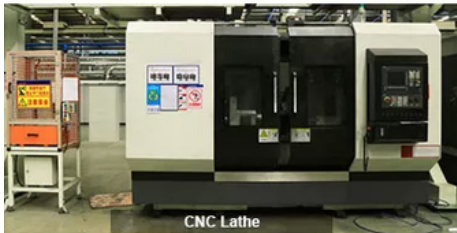
Hydraulic Press Machine



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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