



## High-Standard Stainless Steel CNC Parts Advanced CNC Technology for Medical and Electronics Applications

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-083
- 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-Standard Stainless Steel CNC Parts Advanced CNC Technology for Medical and Electronics Applications

##### Description of High-Standard Stainless Steel CNC Parts Advanced CNC Technology for Medical and Electronics Applications

High-standard stainless steel CNC parts, crafted through advanced Computer Numerical Control (CNC) technology, represent a pinnacle of precision engineering. These parts are widely utilized in medical and electronics applications due to their exceptional quality, reliability, and performance. CNC technology enables the automated control of machine tools via computer programming, ensuring unparalleled accuracy and consistency in the manufacturing process.

##### Specification of High-Standard Stainless Steel CNC Parts Advanced CNC Technology for Medical and Electronics Applications

###### 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/Stands	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-Standard Stainless Steel CNC Parts Advanced CNC Technology for Medical and Electronics Applications

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

##### Unmatched Precision and Consistency:

**Medical Applications:** In the medical field, where even the slightest deviation can have severe consequences, CNC-machined stainless steel parts offer unparalleled precision. For example, surgical instruments like scalpels and forceps require extremely sharp edges and precise dimensions to minimize tissue damage and reduce the risk of infection. CNC technology ensures that these instruments are manufactured to exact specifications, meeting the stringent requirements of medical professionals.

**Electronics Applications:** In electronics manufacturing, precision is equally crucial. CNC-machined stainless steel parts are used in various components, such as connectors, housings, and heat sinks, where tight tolerances and exact dimensions are essential for proper functionality and reliability.

##### Superior Surface Finish and Quality:

**Medical Applications:** The surface finish of medical devices is critical for biocompatibility and reducing the risk of contamination. CNC machining produces parts with a smooth, polished surface finish, minimizing the potential for bacterial growth and ensuring patient safety. Additionally, the use of short cutting tools reduces tool deviation, resulting in better surface quality and avoiding the need for rework.

**Electronics Applications:** A high-quality surface finish is also important in electronics applications to ensure proper electrical conductivity and thermal management. CNC-machined stainless steel parts exhibit excellent surface properties, enhancing the performance and longevity of electronic devices.

### Enhanced Material Adaptability and Flexibility:

**Medical Applications:** Medical devices often require the use of specific materials with unique properties, such as biocompatibility, corrosion resistance, and mechanical strength. Stainless steel is a popular choice due to its excellent combination of these properties. CNC technology allows for the precise machining of stainless steel, accommodating various grades and alloys to meet the specific requirements of different medical applications. Moreover, CNC machining is highly flexible, enabling the rapid production of customized parts in small batches, which is essential for meeting the diverse needs of the medical industry.

**Electronics Applications:** In electronics, the choice of material is equally important for ensuring proper functionality and durability. CNC-machined stainless steel parts can be tailored to specific applications by selecting the appropriate material grade and machining parameters. This flexibility allows electronics manufacturers to optimize part performance and reduce costs.

### Increased Efficiency and Cost-Effectiveness:

**Medical Applications:** The medical industry often requires rapid production of small batches of customized parts to meet urgent patient needs or respond to market demands. CNC technology excels in this area, offering fast turnaround times and minimal setup costs. By leveraging CAD/CAM systems and automated machining processes, CNC enables medical device manufacturers to quickly produce high-quality parts with consistent accuracy, reducing lead times and improving overall efficiency.

**Electronics Applications:** In the fast-paced electronics industry, time-to-market is critical. CNC-machined stainless steel parts can be produced quickly and efficiently, helping electronics manufacturers meet tight deadlines and stay competitive. Additionally, the automation and high-speed capabilities of CNC technology reduce labor costs and increase production rates, resulting in significant cost savings over time.

## Factory Show

### Factory Equipment



WEDM



Milling Machine



CNC Wire Cut



Coordinate measuring machine



CNC Bending Machine



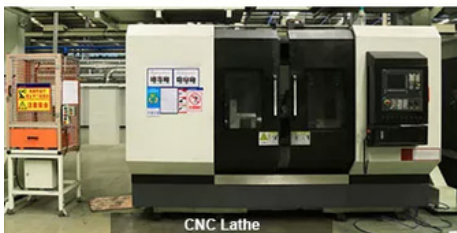
Hydraulic Press Machine



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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