



Precision-Crafted Stainless Steel CNC Parts for Medical and Electronics Applications Advanced CNC Technology for Manufacturing

Our Product Introduction

for more products please visit us on cnc-metalmachining.com

Basic Information

- Place of Origin: Shenzhen China
- Brand Name: Xianheng
- Certification: ISO9001:2015
- Model Number: ST-CNC-084
- 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-Crafted Stainless Steel CNC Parts for Medical and Electronics Applications Advanced CNC Technology for Manufacturing

Description of Precision-Crafted Stainless Steel CNC Parts for Medical and Electronics Applications Advanced CNC Technology for Manufacturing

Precision-crafted stainless steel CNC parts, manufactured using advanced Computer Numerical Control (CNC) technology, are pivotal in the medical and electronics industries. These parts are engineered with exceptional accuracy, leveraging the capabilities of CNC machines to control cutting tools, spindle speeds, and tool paths with high precision. This technology ensures that every part meets stringent quality standards, making them ideal for applications where reliability and performance are paramount.

Specification of Precision-Crafted Stainless Steel CNC Parts for Medical and Electronics Applications Advanced CNC Technology for 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/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 Precision-Crafted Stainless Steel CNC Parts for Medical and Electronics Applications Advanced CNC Technology for 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

Unparalleled Precision and Consistency:

In medical applications, precision is critical for ensuring the safety and effectiveness of surgical instruments, implants, and diagnostic equipment. CNC-machined stainless steel parts offer exact dimensions and tight tolerances, minimizing the risk of errors during medical procedures. 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.

In electronics, precision is equally important for ensuring proper electrical conductivity and thermal management. CNC-machined stainless steel parts are used in connectors, housings, and heat sinks, where tight tolerances and exact dimensions are essential for optimal performance.

Superior Material Properties and Durability:

Stainless steel is renowned for its corrosion resistance, strength, and biocompatibility, making it an ideal material for medical and electronics applications. CNC machining enhances these properties by producing parts with smooth surface finishes, reducing the potential for bacterial growth and ensuring long-term durability.

The use of high-grade stainless steel, such as 316L, which contains molybdenum for enhanced corrosion resistance, further extends the lifespan of CNC-machined parts in harsh environments.

Enhanced Design Flexibility and Customization:

CNC technology allows for the rapid production of customized parts in small batches, meeting the diverse needs of the medical and electronics industries. This flexibility enables manufacturers to quickly respond to market demands and produce parts tailored to specific applications.

For example, in the medical field, CNC-machined stainless steel parts can be customized to fit individual patients' anatomies, improving the effectiveness of implants and prosthetics. In electronics, customized parts can optimize device performance and reduce costs by eliminating unnecessary features.

Increased Efficiency and Cost-Effectiveness:

The automation and high-speed capabilities of CNC technology reduce labor costs and increase production rates, resulting in significant cost savings over time. Additionally, the precision of CNC machining minimizes waste and reduces the need for rework, further enhancing cost-effectiveness.

In the medical industry, where time-to-market is critical for new product development, CNC machining enables rapid prototyping and small-batch production, helping manufacturers stay competitive. In electronics, the ability to produce high-precision parts quickly and efficiently supports the fast-paced nature of the industry and ensures that products meet tight deadlines.

Factory Show

Factory Equipment



WEDM



Milling Machine



CNC Wire Cut



Coordinate measuring machine



CNC Bending Machine



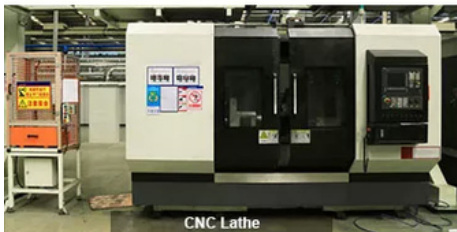
Hydraulic Press Machine



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.





0086-13682614486



shawn@xianheng-tech.com



cnc-metalmachining.com

Room 8-1409, Xingji jiyuan building 8-9#, HongXing community, Songgang street, Bao'an District, Shenzhen
City China