



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

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen China
- Brand Name: Xianheng
- Certification: ISO9001:2015
- Model Number: ST-CNC-082
- 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

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

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

Advanced CNC (Computer Numerical Control) technology has revolutionized the production of stainless steel components for medical and electronics applications by enabling the creation of high-precision, durable, and complex parts that meet stringent industry requirements. This technology integrates multi-axis machining, smart automation, and precision controls to ensure consistent quality and performance across both prototyping and large-scale production.

Specification of Advanced CNC Technology for Stainless Steel CNC Parts Custom Metal Solutions 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/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 Advanced CNC Technology for Stainless Steel CNC Parts Custom Metal Solutions 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

Enhanced Precision and Performance:

The high accuracy of CNC-machined stainless steel parts ensures that medical devices and electronics components function as intended, reducing the risk of malfunctions or failures. For example, custom-machined surgical instruments can provide surgeons with greater control and accuracy, improving patient outcomes.

Compliance with Regulatory Standards:

The medical industry is subject to strict regulatory requirements, such as FDA and ISO standards. Advanced CNC technology enables manufacturers to produce parts that meet these standards by ensuring consistent quality, traceability, and biocompatibility. This compliance is critical for gaining market approval and maintaining patient trust.

Cost-Effectiveness and Reduced Waste:

CNC machining minimizes material waste by optimizing cutting paths and using advanced tooling techniques. This efficiency reduces production costs and supports sustainable manufacturing practices. Additionally, the ability to produce parts on demand eliminates the need for large inventories, further lowering costs.

Design Flexibility and Innovation:

Advanced CAD/CAM software integrated with CNC machines allows for rapid prototyping and iteration based on real-time feedback. This flexibility enables engineers to experiment with new designs, optimize components for specific applications, and quickly adapt to changing market demands. For example, in the electronics industry, CNC-machined parts can be customized to fit evolving device architectures, ensuring compatibility and performance.

Factory Show

Factory Equipment



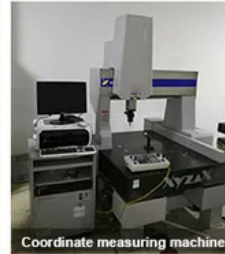
WEDM



Milling Machine



CNC Wire Cut



Coordinate measuring machine



CNC Bending Machine



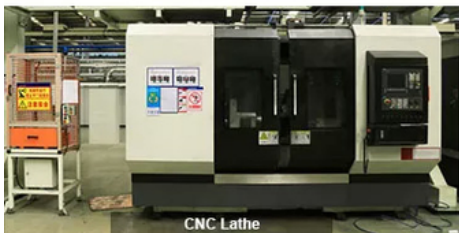
Hydraulic Press Machine



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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