



## Custom Metal Solutions High Precision Stainless Steel CNC Parts for Scalable Production in Various Industries

### 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-073
- 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 High Precision Stainless Steel CNC Parts for Scalable Production in Various Industries

##### Description of Custom Metal Solutions High Precision Stainless Steel CNC Parts for Scalable Production in Various Industries

Custom Metal Solutions specializes in the manufacturing of high - precision stainless steel CNC (Computer Numerical Control) parts that are designed to meet tight tolerance requirements while offering scalable production capabilities to cater to a wide range of industries.

Our high - precision stainless steel CNC parts find applications in a wide range of industries. In the medical field, they are used in surgical instruments, implants, and diagnostic equipment, where precision and reliability are critical for patient safety and treatment outcomes. In the aerospace industry, our parts contribute to the performance and safety of aircraft, from engine components to landing gear systems. In the automotive sector, they are integrated into engines, transmissions, and other high - performance systems to enhance vehicle efficiency and durability. Additionally, in the electronics industry, our stainless steel parts are used for their electromagnetic shielding properties and durability in devices such as smartphones, laptops, and industrial control systems.

##### Specification of Custom Metal Solutions High Precision Stainless Steel CNC Parts for Scalable Production in Various Industries

###### 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 High Precision Stainless Steel CNC Parts for Scalable Production in Various Industries

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. Exceptional Precision and Quality Control

The CNC machining process at Custom Metal Solutions ensures that each stainless steel part is manufactured with unparalleled precision. Advanced quality control measures, such as in - process inspections using high - precision measuring instruments and final product testing, guarantee that all parts meet or exceed the specified tolerances. This level of precision is essential in industries where even the smallest deviation can lead to significant problems. For example, in the semiconductor manufacturing industry, our high - precision parts are used in wafer handling equipment, where a misalignment of a few microns can result in defective chips. Our strict quality control ensures that our parts contribute to the high - yield production of these sensitive devices.

##### 2. Cost - Effective Scalable Production

Our scalable production capabilities allow us to optimize costs for our customers. For small - volume orders, we can minimize setup costs and lead times by efficiently utilizing our resources. As production volumes increase, we can take advantage of economies of scale, reducing the per - unit cost. This flexibility enables businesses of all sizes to access high - quality stainless steel CNC parts without incurring excessive costs. Whether a startup is testing a new product concept or a large corporation is meeting a surge in demand, our scalable production model provides a cost - effective solution.

### 3. Material Excellence and Long - Term Durability

Stainless steel is renowned for its durability, corrosion resistance, and ability to withstand harsh environments. Our high - precision CNC parts made from this material offer long - term reliability, reducing the need for frequent replacements and maintenance. In industries such as marine and offshore, where equipment is exposed to saltwater and extreme weather conditions, our stainless steel parts can withstand the corrosion and wear, ensuring the continuous and efficient operation of the systems. This durability translates into significant cost savings for our customers over the lifespan of the products.

### 4. Customization for Unique Industry Needs

We understand that each industry has its own set of requirements and challenges. Our CNC machining process allows for a high degree of customization. We can modify the design, dimensions, and surface finishes of the stainless steel parts to suit specific applications. For example, in the food and beverage industry, we can manufacture parts with smooth, easy - to - clean surfaces to meet hygiene standards. In the defense industry, we can create parts with complex geometries and specialized materials to meet stringent performance and security requirements. Our ability to customize our products gives our customers a competitive advantage in their respective markets.

## Factory Show

### Factory Equipment



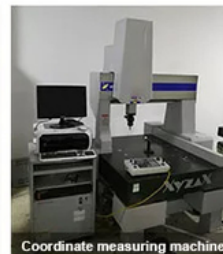
WEDM



Milling Machine



CNC Wire Cut



Coordinate measuring machine



CNC Bending Machine



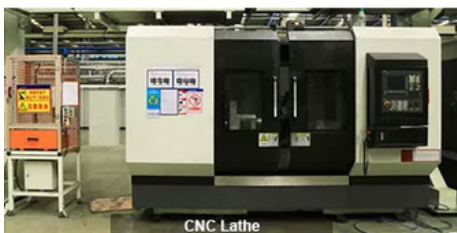
Hydraulic Press Machine



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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