



## High Precision CNC Milling Parts Services for Customized Machining Solutions of Precision Metal Components

### Our Product Introduction

#### Basic Information

- Place of Origin: Shenzhen China
- Brand Name: Xianheng
- Certification: ISO9001:2015
- Model Number: ML-CNC-078
- 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: CNC Milling
- Material Capabilities: Copper, Aluminum, Bronze, Stainless Steel, Brass
- Surface Treatment: Anodized, Anodizing, Anodize/natural, Sandblast, Silk-screen
- Service: OEM/ODM, OEM ODM Metal Stamping, Customized OEM OEM ODM, OEM Service
- Tolerance: 0.01mm, 0.05 Mm, +/-0.005, 0.003-0.05mm
- Application: Machinery, Automotive, Laptop, Industrial Equipment, Engineering
- Color: As Per Customers' Requirement
- Highlight: **Customized Machining CNC Milling Parts, High Precision CNC Milling Parts, Precision Metal Components CNC Milling Parts**



#### More Images



## Product Description

### What We Can Provide

Customized Machining Solutions for Precision Metal Components with High Precision CNC Milling Parts Services

#### Description of Customized Machining Solutions for Precision Metal Components with High Precision CNC Milling Parts Services

CNC milling employs multi-axis machines that follow digitally programmed instructions to precisely remove material from metal workpieces, enabling the creation of intricate designs, tight tolerances (often  $\pm 0.005$  mm or better), and consistent part-to-part consistency. Industries such as aerospace, medical devices, automotive, electronics, and defense rely on these solutions for critical components where performance, safety, and reliability are paramount.

#### Specification of Customized Machining Solutions for Precision Metal Components with High Precision CNC Milling Parts Services

Product Name	High Quality Copper Steel Stainless Brass Material CNC Milling Parts Services
Material	Aluminum, Stainless Steel, Copper, Brass, Titanium, Galvanized, Nylon, ABS, POM etc.
Surface Treatment	Zinc Plating, Painting, Mirror Polished, Brush Polished, Powder Coating, Electroplating, Anodizing, Sandblasting etc.
Processing	Laser Cutting, Precision Stamping, Bending, CNC Punching, Threading, Riveting, Drilling, Welding, Painting, Assembly etc.
Drawing Format	3D/CAD/DWG/IGS/STEP/PDF/JPG
OEM Service	Accept

#### 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)

#### Application Of Customized Machining Solutions for Precision Metal Components with High Precision CNC Milling Parts Services

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

### Why Choose Us

#### Our Advantages

##### 1. Unmatched Precision & Consistency

CNC milling machines operate with micrometer-level accuracy, ensuring that every part adheres to exact specifications. Automated processes eliminate human error, reducing variability and ensuring identical replication of complex designs across production runs.

Ideal for applications requiring tight tolerances, such as aerospace turbine blades, medical implants, or semiconductor equipment.

##### 2. Design Flexibility & Complex Geometry Capability

Unlike traditional machining, CNC milling can produce highly intricate shapes, undercuts, thin walls, and deep pockets without manual reconfiguration.

Multi-axis (3D, 4D, 5D) milling allows for simultaneous movement in multiple directions, enabling the creation of organic contours and internal features.

Enables rapid prototyping and low-to-high volume production of custom components without costly tooling changes.

##### 3. Material Versatility & Cost Efficiency

Processes a wide range of metals, including aluminum, stainless steel, titanium, brass, copper, and exotic alloys (e.g., Inconel, Hastelloy).

Reduces material waste through optimized cutting paths and nesting strategies, lowering production costs.

Shortens lead times by combining multiple machining steps into a single setup, improving time-to-market for new product development.

## Factory Show

# Factory Equipment



WEDM



Milling Machine



CNC Wire Cut



Coordinate measuring machine



CNC Bending Machine



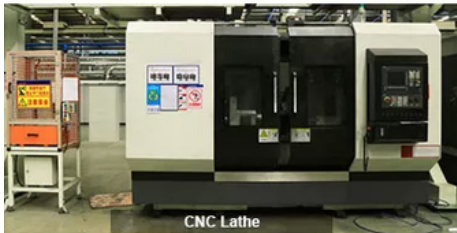
Hydraulic Press Machine



SLS/SLA Machine



5-Axis CNC



CNC Lathe



Laser cutting Machine



CNC Punching Machine



Injection Molding machine



## FAQ

1. How can I get the price? - We usually quote within 24 hours after we get your inquiry (except weekend and holidays). If you are urgent to get the price, please email us or contact us in other ways so that we can offer you a quote.
2. Can I buy samples? - Yes. Please feel free to contact us.
3. What is your lead time? - It depends on the order quantity and the season you place the order. Usually we can ship within 7-15 days for small quantity, and about 30 days for large quantity.
4. What is your payment term? - T/T, Western Union, MoneyGram, and Paypal. This is negotiable.
5. What is the shipping method? - It could be shipped by sea, by air, or by express (EMS, UPS, DHL, TNT, FEDEX etc). Please confirm with us before placing orders.
6. How do you make our business long-term and good relationship? - We keep good quality and competitive price to ensure our customers benefit. Furthermore, we respect every customer as our friend and we sincerely do business and make friends with them, no matter where they come from.



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