



## Precision CNC Milling Parts Aluminum Alloy $\pm 0.01\text{mm}$ Tolerance

Our Product Introduction

for more products please visit us on [precision-cncparts.com](http://precision-cncparts.com)

### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: yuanwenyu
- Model Number: oem, OEM
- Minimum Order Quantity: 1



### Product Specification

- CNC Machining: Yes
- Machining Type: Broaching, DRILLING, Etching / Chemical Machining, Laser Machining, Milling, Other Machining Services, Rapid Prototyping, Turning, Wire EDM
- Material Capabilities: Aluminum, Brass, Bronze, Copper, Hardened Metals, Other, Precious Metals, Stainless Steel, Steel Alloys
- Micro Machining: Yes
- Surface Treatment: Sandblasting, Anodizing, Powder Coating
- Drawing Format: DXF / DWG / STEP / IGS / PDF
- Material: Aluminum Alloy
- Tolerance:  $\pm 0.001 \sim \pm 0.01\text{mm}$
- Surface Roughness: Min Ra 0.1~3.2
- Delivery Time: 3-30 Days
- Available Materials: Aluminum, Stainless Steel, Copper, Iron, Plastic, Titanium Alloy



### More Images



## Product Description

### Customized Precision Rapid Prototype Machining Service

High-quality CNC machining services for metal parts including stainless steel and aluminum components using advanced Wire EDM technology.

### Product Specifications

CNC Machining	Yes
Machining Types	Broaching, Drilling, Etching/Chemical Machining, Laser Machining, Milling, Rapid Prototyping, Turning, Wire EDM
Material Capabilities	Aluminum, Brass, Bronze, Copper, Hardened Metals, Precious Metals, Stainless Steel, Steel Alloys
Micro Machining	Yes
Minimum Order Quantity	Small orders accepted
Quality Control	100% inspection on critical dimensions
Surface Treatments	Sandblasting, Anodizing, Powder Coating
Drawing Formats	DXF, DWG, STEP, IGS, PDF

### CNC Machining Services

**Huizhou City Yuan Wenyu Precision Parts Co., Ltd.**  
One Stop Service | ISO9001:2015 | 1000+ Business Partner

**20+ Years**

- CNC Machining Service
- Sheet Metal Fabrication
- Metal Stamping
- Laser Cutting



CNC turning



CNC Milling



Laser Cutting



turn-milling machining



5axis CNC Machining



CNC Wire-Cutting

Available Services	CNC Turning, CNC Milling, Laser Cutting, Bending, Spinning, Wire Cutting, Stamping, EDM, Injection Molding
Materials	Aluminum, Stainless Steel, Copper, Iron, Plastic, Titanium Alloy
Tolerance	±0.001~±0.01mm

Surface Roughness	Min Ra 0.1~3.2
Delivery Time	3-30 days based on product complexity and quantity

## Surface Treatment Options

Physical Treatments	Sandblasting, Wire Drawing, Polishing, Brushing, Spraying, Painting, Powder Coating, Silk Screen Printing
Chemical Treatments	Bluing, Phosphating, Pickling, Electroless Plating, Carburizing, Nitriding, Passivation
Electrochemical	Anodizing, Hard Anodizing, Electroplating, Electro Polishing
Modern Techniques	CVD, PVD, Ion Implantation, Laser Surface Treatment



**SAND BLASTING**



**ANODIZING**



**PVD**



**PAINTING**



**BRUSHING**



**ELECTROPLATING**



**POLISHING**



**POWDER COATING**

## Quality Assurance

Our comprehensive quality control process includes material inspection, production checks, sampling inspection, and 100% pre-shipment verification.



**Push-pull Gauge**



**Quadratic Element  
Measuring Instrument**



**CMM**



**Color Tester**



**Digital  
Roughness Tester**



**Leeb Hardometer**

## Frequently Asked Questions

### Are you a manufacturer or trading company?

We operate a 1500-square-meter manufacturing facility in Huizhou, China.

### Can I get a quote without drawings?

Yes, we can provide estimates based on samples, pictures, or drafts with dimensions.

**How do you protect my design confidentiality?**

We strictly protect customer IP and can sign NDAs when required.

**What is your typical lead time?**

Samples: 1-2 weeks; Production: 3-4 weeks depending on order size and complexity.



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