

## Custom 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
- Material: Aluminum Alloy
- Surface Roughness: Ra 0.1~3.2
- Tolerance:  $\pm 0.001 \sim \pm 0.01\text{mm}$
- Drawing Format: DXF / DWG / STEP / IGS / PDF
- Surface Treatment: Anodized, Bead Blasted, Powder Coated
- Micro Machining: Yes
- Material Capabilities: Aluminum, Brass, Bronze, Copper, Stainless Steel, Steel Alloys
- Machining Type: Turning, Milling, Wire EDM
- Delivery Time: 3-30 Days
- Inspection: 100% On Critical Dimensions
- Physical Treatment: Sandblasting, Polishing, Brushing
- Chemical Treatment: Bluish Blackening, Phosphating, Passivation
- Electrochemical Treatment: Anodic Oxidation, Electroplating



#### More Images



## Product Description

### OEM Custom CNC Machining Parts - High Quality Metal Components

#### Product Specifications

CNC Machining	CNC Machining
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	Micro Machining Capable
MOQ	Small orders accepted
Surface Treatments	Sandblasting, Anodizing, Powder Coating
Drawing Formats	DXF, DWG, STEP, IGS, PDF
Primary Material	Aluminum Alloy

#### Precision Machining Services



Services	CNC Turning, CNC Milling, Laser Cutting, Bending, Spinning, Wire Cutting, Stamping, EDM, Injection Molding
Materials	Aluminum, Stainless Steel, Copper, Iron, Plastic, Titanium Alloy
Dimensions	Custom according to customer drawings or specifications
Tolerance	$\pm 0.001 \sim \pm 0.01 \text{ mm}$
Surface Roughness	Min Ra 0.1~3.2
Delivery Time	3-30 days after order confirmation

#### Surface Treatment Options



CNC turning



CNC Milling



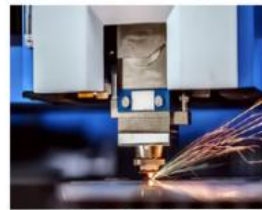
Laser Cutting



turn-milling machining



5axis CNC Machining



CNC Wire-Cutting

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

## Quality Assurance



Push-pull Gauge



Quadratic Element Measuring Instrument



CMM



Color Tester



Digital Roughness Tester



Leeb Hardometer

- 100% inspection on critical dimensions
- Material inspection before production
- In-process quality checks
- Final pre-shipment inspection
- Experienced quality control team

## Frequently Asked Questions

**Q: Are you a manufacturer or trading company?**

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

**Q: Can I get a quote without drawings?**

A: Yes, we can quote based on samples, pictures, or drafts with dimensions.

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

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

**Q: What is your typical lead time?**

A: Samples: 1-2 weeks; Production: 3-4 weeks (varies by quantity/complexity).

**Q: What if I receive defective parts?**

A: We will analyze the issue and remake the parts immediately at our cost.

### Our Manufacturing Capabilities



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