

High Tolerance Micro Machining CNC Parts with ISO 9001 Certification for Precision Custom Components

Our Product Introduction

for more products please visit us on cncmachinesparts.com

Basic Information

- Place of Origin: Guangdong, China
- Minimum Order Quantity: 1



Product Specification

- Machining Type: Broaching, Drilling, Etching / Chemical Machining, Laser Machining, Milling, Turning, Wire EDM, Rapid Prototyping
- Material Capabilities: Aluminum, Brass, Bronze, Copper, Hardened Metals, Precious Metals, Stainless Steel, Steel Alloys
- Micro Machining: Yes
- Processing Equipment: Japan CNC Turning Machines & Taiwan Machining Centres
- Machinery Axis: 3,4,5
- Tolerance: $\pm 0.001\text{mm}$
- Surface Roughness: Ra 0.1~3.2
- Supply Ability: 300000 Piece/Month
- Minimum Order: 1-Piece
- Lead Time: 7-14 Days
- Sample Lead Time: 1-3 Days
- Surface Treatment: Plating, Anodizing, Coating, Painting



More Images



Product Description

Advanced CNC Precision Machining Services

CNC Turning Processing

OEM & ODM Customized Precision Parts

1-Piece minimum order quantity

3-Hour quotation response time

Samples delivered in 1-3 days

Production lead time: 7-14 days

Dedicated QC team with inspection reports

Lifetime After-Sales Service

Certifications: Medical, Aviation, Automobile

ISO13485, ISO9001, AS9100, IATF16949 certified

CNC Milling Processing

Our CNC milling services produce highly accurate and complex parts from various materials including metals, plastics, and composites.

Machinery Axis: 3, 4, 5

Tolerance: $\pm 0.001\text{mm}$

Surface Roughness: Ra 0.1~3.2

Supply Capacity: 300,000 pieces/month

Our Service Capabilities

Processes	CNC Turning, CNC Milling, Cold Forging, Metal Stamping, Die Casting, Laser Cutting, Bending, Welding, Spinning, Wire Cutting
Materials	Aluminum, Stainless steel, Brass, Copper, Carbon Steel, Beryllium Copper, Titanium Alloy, Plastic, etc.
Surface Treatment	Anodizing, Mirror Polishing, Brush, Sand Blasting, Plating, Powder Coating, Painting, Electroplating, Silk Screen, Engraving, etc.
Tolerance	$\pm 0.001\text{mm}$
Surface Roughness	Min Ra 0.1~3.2

Certifications

ISO13485: Medical Devices Quality Management System Certificate

ISO9001: Quality Management System Certificate

IATF16949: AS9100, SGS2, CE, CQC, ROHS

Material Specifications

Aluminum

Tolerance: **$\pm 0.001\text{mm}$**

Material Grades: 2024, 5083, 6061, 6063, 7075, etc.

Surface Treatments: Oxidation, electrophoresis, sandblasting, electroplating, chemical treatment, painting, hard anodizing, heat treatment, etc.

Stainless Steel/Steel/Titanium Alloy

Tolerance: **±0.001mm**

Material Grades: SUS303, SUS304, SS316, SS316L, 17-4PH, etc. / 1214L, 1215, 1045, 4140, SCM440, 40CrMo, etc. / TA1, TA2/GR2, TA4/GR5, TC4, TC16, TC18, TC21, TC22, TC26, TC118B etc.

Surface Treatments: Electroplating, galvanizing, spraying, oxidation, polishing, spray grinding, passivation, heat treatment, pickling, shot peening, etc.

Brass/Copper

Tolerance: **±0.001mm**

Material Grades: HPb63, HPb62, HPb61, HPb59, H59, H68, H80, H90, C11000, C12000, C22000, C26000, C28000, C36000 etc.

Surface Treatments: Electroplating, tin plating, spraying, oxidation, polishing, spray grinding, heat treatment, pickling, shot peening, etc.

Plastic

Tolerance: **±0.001mm**

Material Types: Acetal/POM/PA/Nylon/PC/PMMA/PVC/PU/Acrylic/ABS/PTFE/PEEK etc.

Surface Treatments: Spraying, sandblasting, painting, pickling, alkali cleaning, anodizing, ion implantation, thermal transfer printing, engraving, etc.

Surface Treatment Options

CNC Machined Parts Surface Treatment

Physical surface treatment: sandblasting, wire drawing, shot blasting, polishing, rolling, brushing, spraying, painting, powder spraying, silk screen printing, pad printing, water transfer printing, electrophoresis, etc.

Chemical surface treatment: bluish blackening, phosphating, pickling, electroless plating, TD treatment, QPQ treatment, carburizing, nitriding, chemical oxidation, passivation, etc.

Electrochemical surface treatment: anodic oxidation, hard anodic oxidation, electrolytic polishing, electroplating, etc.

Modern surface treatment: chemical vapor deposition CVD, physical vapor deposition PVD, ion implantation, ion plating, laser surface treatment, etc.

Application Fields

Factory Showcase

Customer Reviews

Frequently Asked Questions

1. What's your advantage?

Direct manufacturer with over 10 years experience in CNC precision machining

Japan Tsugami CNC machines with cutting edge solutions

ISO9001:2015 and IATF16949:2016 Quality control systems

Focus on both functional quality and aesthetic surface finish

2. Which languages do you use for communication?

Our international sales team speaks English, Japanese and Russian, with regular business travel to EU countries, USA, Japan and Australia.

3. When will I get the quote and information?

Our team responds within 12 hours to all inquiries.

4. What if I don't have a drawing?

We can create CAD drawings (ProE, UG or Solidworks formats) from your photos or samples for approval.

5. How long will I get your samples?

Sample lead time is typically 5-10 days depending on material and design complexity.

6. What's your minimum order quantity (MOQ)?

We accept orders as small as 1 piece - small quantities are welcome.

7. How do you handle logistics?

We work closely with logistics partners to provide the safest and most economical shipping solutions via express, air or sea freight.

8. What if parts are made wrong?

We will either refund your payment or remake the correct parts at no additional cost.



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