



5-Axis CNC Machining Precision Lathe Parts with Sandblasting and Anodizing at ± 0.01 mm Tolerance

Our Product Introduction

for more products please visit us on lathecnmachining.com

Basic Information

- Brand Name: Industrial-Man
- Model Number: OEM
- Minimum Order Quantity: 1PC
- Price: Negotiable
- Packaging Details: As the requirement of customer
- Payment Terms: L/C,D/A,D/P,T/T,Western Union,MoneyGram



Product Specification

- CNC Machining: Yes
- Micro Machining: Available For Intricate And Miniature Components
- Machining Processes: CNC Turning, CNC Milling, Multi-axis Machining, Precision Drilling
- Material Capability: Alloy Aluminum, Stainless Steel, Copper, Carbon Steel, Titanium, Other Metals Upon Request
- Part Type: Fully Custom CNC Machined Components For Structural, Functional, And Assembly Applications
- Tolerance: ± 0.01 Mm Standard, Tighter Tolerances Available Upon Request
- Surface Finish Options: As-machined, Polished, Anodized, Electroplated, Powder Coated, Painted



More Images



Product Description

5-Axis Precision Sandblasting Anodized Aluminum CNC Lathe Parts Custom Machining Service

We provide custom CNC lathe machining services for precision aluminum parts with sandblasting and anodizing surface treatment. Using advanced 5-axis CNC machining technology, we produce complex geometry parts with high dimensional accuracy and consistent quality.

Our Product

Based on customer drawings or samples, our machining service supports functional parts, structural components, and assembly parts for various industrial applications. From prototype development to small and medium batch production, all processes are controlled in-house to ensure stable quality and reliable delivery.

Our focus is practical manufacturing capability, flexible order handling, and long-term OEM cooperation.

Key Service Features

- Easy Quotation Process – Simply send drawings or samples to get a fast and clear quotation
- Custom Manufacturing on Demand – Parts produced strictly according to customer specifications
- Prototype to Production Support – Suitable for trial orders, small batches, and repeat production
- Stable and Predictable Quality – Controlled machining process ensures consistent accuracy
- Reliable Lead Time – Efficient production scheduling to meet delivery dates
- In-House Machining & Inspection – Complete internal processing reduces outsourcing risks
- Surface Treatment Ready for Use – Sandblasting and anodizing provide clean appearance and protection
- Flexible Order Quantity – No strict MOQ, allowing customers to start with small orders
- OEM Cooperation Friendly – Suitable for long-term OEM projects and continuous supply
- Professional Communication – Experienced engineers support technical discussion

Technical Specifications

CNC Machining	Yes
Micro Machining	Available for intricate and miniature components
Machining Processes	CNC Turning, CNC Milling, Multi-axis machining, Precision drilling
Material Capability	Alloy Aluminum, Stainless Steel, Copper, Carbon Steel, Titanium, Other metals upon request
Part Type	Fully custom CNC machined components for structural, functional, and assembly applications
Tolerance	±0.01 mm standard, tighter tolerances available upon request
Surface Finish Options	As-machined, Polished, Anodized, Electroplated, Powder Coated, Painted
Production Volume	Prototype, Small Batch, Mass Production
Drawing Formats Supported	STEP, IGS, DWG, PDF, Other CAD formats upon request
OEM / ODM Service	Fully supported, including custom design and part optimization
Inspection & Quality Control	In-process inspection, final inspection, 100% QC reporting available
Lead Time	7-30 days, depending on order quantity and complexity
Application / Industry	Industrial machinery, Automation equipment, Mechanical assemblies, Electronic housings, Precision fixtures, Tooling components, Testing devices, Communication devices, Energy equipment, OEM custom engineering projects

Frequently Asked Questions

What information is needed for a quotation?

Please provide drawings (2D/3D), material requirement, quantity, tolerance, and surface treatment if available.

Can you handle complex 5-axis machining parts?

Yes, our 5-axis CNC machining is suitable for complex structures, multi-angle features, and precision parts.

Do you support both prototyping and production orders?

Yes, we support prototype development, small batch orders, and stable production manufacturing.

How is surface quality ensured after sandblasting and anodizing?

Surface treatment is carried out under controlled processes and inspected to ensure uniform finish and durability.

How do you ensure dimensional accuracy?

Accuracy is controlled through machining process management, calibrated equipment, and in-process plus final inspection.





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