



Customized Aluminum CNC Parts CNC Machining for Automotive Precision Components OEM

Our Product Introduction

for more products please visit us on cnc-metalmachining.com

Basic Information

- Place of Origin: Shenzhen China
- Brand Name: Xianheng
- Certification: ISO9001:2015
- Model Number: AL-CNC-076
- 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: Milling, Turning, Machining
- Material Capabilities: Copper, Aluminum, Bronze, Stainless Steel, Brass
- Surface Treatment: Anodizing, Brush, Anodized, Painting/Powder Coating/Sandblast/Color Anodize/Polish/Oxidation
- Application: Machinery, Automotive, Laptop, Industrial Equipment, Engineering
- Keyword: Aluminum Enclosure Box
- Tolerance: 0.01mm, 0.05 Mm, +/-0.005, 0.003-0.05mm
- Service: Customized OEM
- Sample: Acceptable
- Highlight: **Automotive Precision Aluminum CNC Parts, CNC Machining Aluminum CNC Parts, OEM Aluminum CNC Parts**



More Images



Product Description

What We Can Provide

Precision Components Advanced Machining Customized Aluminum CNC Parts OEM Customization Provider

Description of Precision Components Advanced Machining Customized Aluminum CNC Parts OEM Customization Provider

Precision Components Advanced Machining Customized Aluminum CNC Parts OEM Customization Provider is a specialized service that offers highly skilled and precise manufacturing solutions for creating bespoke aluminum components through Computer Numerical Control (CNC) machining.

Precision Components:

Precision components refer to parts that are manufactured to exacting tolerances and specifications. These components are often used in critical applications where high performance, reliability, and durability are essential. In the context of aluminum CNC parts, precision components may involve intricate details, tight tolerances, and smooth finishes.

Advanced Machining:

Advanced machining capabilities refer to the use of state-of-the-art technology and techniques in the manufacturing process. This includes multi-axis machining, high-speed cutting, and the use of sophisticated software for programming and simulation. These capabilities enable the production of complex geometries with high precision and accuracy, ensuring that the final parts meet or exceed the required specifications.

Customized Aluminum CNC Parts:

Customized aluminum CNC parts refer to components that are designed and manufactured according to specific needs and requirements. This may involve unique geometries, materials, or finishes. By offering customized solutions, the service can meet the diverse needs of a wide range of industries, including aerospace, automotive, electronics, and medical.

Specification of Precision Components Advanced Machining Customized Aluminum CNC Parts OEM Customization Provider

CNC Capacity				
CNC Machining Center	3 / 4 / 5 axis CNC Machining Centers		40+ CNC Machines	
CNC Turning	φ0.5 - φ300 * 750 mm		DIN-2768-Fine +/-0.005 mm	
CNC Machining	1270×508×635 mm(max)		DIN-2768-Fine +/-0.005 mm	
CNC Stamping	1000 * 1000 mm(max)		DIN-2768-Fine +/-0.005 mm	
Drawing Format	IGS,STP,X_T ,DXF,DWG , Pro/E, PDF			
Inspection Equipments	Measurement Instrument, Projector, CMM, Altimeter, Micrometer, Thread Gages, Calipers, Pin Gauge etc.			
Material Available				
Stainless Steel	SS201,SS301, SS303, SS304, SS316, SS416, 17-4PH, etc.			
Steel	Mild steel, Carbon Steel, 4140, 4340, Q235, Q345B, 20#, 45# etc.			
Brass	HPb63, HPb62, HPb61, HPb59, H59, H68, H80, H90 etc.			
Copper	C11000,C12000,C12000 C36000 etc.			
Aluminum	AL6061, Al6063, AL6082, AL7075, AL5052, A380 etc.			
Iron	A36, 45#, 1213, 12L14, 1215 etc.			
Plastic	ABS, PC, PE, POM, Delrin, Nylon, Teflon, PP,PEI, Peek etc.			
Surface Finishing				
Aluminum Parts	Stainless Steel Parts	Steel Parts	Copper /Brass	Plastic Parts
Clear Anodized	Polishing	Zinc plating	Polishing	Painting
Color Anodized	Passivating	Oxide black	Passivation	Chrome plating
Sandblast Anodized	Sandblasting	Nickel plating	Galvanized	polishing
Chemical Film	Laser engraving	Chrome plating	Nickel Plating	Sandblast
Brushing		Carburized	Chrome plating	Laser engraving
Polishing		Heat treatment		
Chroming		Powder Coated		

Application Of Precision Components Advanced Machining Customized Aluminum CNC Parts OEM Customization Provider

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

Feature Of Precision Components Advanced Machining Customized Aluminum CNC Parts OEM Customization Provider

- 1. Good corrosion resistance
- 2. High strength and hardness
- 3. High thermal conductivity
- 4. Good finishing characteristics

Why Choose Us

Our Advantages

1. High Precision and Accuracy:

With advanced machining capabilities, the service can produce aluminum components with extremely tight tolerances and high accuracy. This ensures that the parts are manufactured to exact specifications, reducing the risk of errors or failures in the final product. The precision and accuracy of the parts can also contribute to improved performance and reliability in the end-use application.

2. Customization and Flexibility:

As an OEM customization provider, the service offers the flexibility to create bespoke aluminum components tailored to specific needs. This means that customers can specify unique design features, performance requirements, or branding elements, and the service will work closely with them to deliver parts that meet or exceed expectations. This customization can provide a competitive advantage by enabling customers to differentiate their products in the market.

3. Expertise and Reliability:

A Precision Components Advanced Machining Customized Aluminum CNC Parts OEM Customization Provider has extensive knowledge and experience in the manufacturing industry. This expertise allows the service to provide reliable, high-quality parts that meet or exceed industry standards. Customers can be confident that their components will be manufactured using the latest technology and techniques, ensuring that they are durable, reliable, and capable of withstanding the demands of their intended application.

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

Q1: Where can I get product & price information?

A1: Send us inquiry e-mail, we will contact you as we receive your mail.

Q2: How long can I get the sample?

A2: Depends on your specific items, within 3-7 days is required generally.

Q3: What kinds of information you need for quote?

A3: Kindly please provide the product drawing in PDF, and will be better you can provide in STEP or IGS.

Q4: What are the payment terms?

A4: We accept 50% as payment deposit, when the goods is done, we take photos for your check and you then pay the balance.

Q5: Are you a trading company or factory?

A5: We are direct factory with 10 experienced engineers and more than 650 employees as well approximate 2,000 square ft. workshop area.

Q6: What shall we do if we do not have drawings?

A6: Please send your sample to our factory, then we can copy or provide you better solutions. Please send us pictures or drafts with dimensions (Length, Height, Width), CAD or 3D file will be made for you if placed order.



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