

Shenzhen China

ISO9001:2015

AL-CNC-077

USD \$0.1-\$1.99

10000 pcs per week

requirements

Carton, As Customers'packaging

T/T, Western Union, MoneyGram

Xianheng

1 pcs

days



High-Precision Aluminum Components Aluminum CNC Parts Advanced Machining Capabilities

Basic Information

- Place of Origin:
- Brand Name:
- Certification:
- Model Number:
- Minimum Order Quantity:
- Price:
- Packaging Details:
- Delivery Time: Samples 7-10 days, Mass production 20-25
- Payment Terms:
- Supply Ability:

Product Specification

 Cnc Machining Or Not: **CNC** Machining Milling, Turning, Machining • Type: • 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 0.01mm, 0.05 Mm, +/-0.005, 0.003-0.05mm Tolerance: Service: Customized OEM Sample: Acceptable Highlight: High Precision Aluminum Components, **Aluminum CNC Parts**



More Images



What We Can Provide

High-Precision Aluminum Components Aluminum CNC Parts Advanced Machining Capabilities

Description of High-Precision Aluminum Components Aluminum CNC Parts Advanced Machining Capabilities

High-Precision Aluminum Components Aluminum CNC Parts Advanced Machining Capabilities refer to the sophisticated technologies and processes utilized in the manufacturing of aluminum components through Computer Numerical Control (CNC) machining, achieving exceptional precision and accuracy. These capabilities enable the production of intricate and complex aluminum parts that meet or exceed the strictest specifications and standards.

Specification of High-Precision Aluminum Components Aluminum CNC Parts Advanced Machining Capabilities

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-Fir	ne +/-0.005 mm	
CNC Stamping	1000 * 1000 mm(max)		DIN-2768-Fir	ne +/-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 High-Precision Aluminum Components Aluminum CNC Parts Advanced Machining Capabilities

- 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 High-Precision Aluminum Components Aluminum CNC Parts Advanced Machining Capabilities

1. Good corrosion resistance

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

Why Choose Us

Advantages

1. Exceptional Precision and Accuracy: Advanced CNC machining technologies provide unparalleled control over the manufacturing process, resulting in aluminum components with exceptional precision and accuracy. This ensures that each component meets the exact dimensions and specifications required for its application. High-precision aluminum components are crucial in industries where even minute deviations can compromise performance, such as aerospace, medical, and automotive.

2. Complex Design Capabilities: With advanced CNC machining capabilities, manufacturers can produce aluminum components with intricate and complex designs that would be difficult or impossible to achieve through traditional manufacturing methods. This includes features such as tight tolerances, undercuts, and intricate shapes. The ability to create such complex designs expands the potential applications for aluminum components, making them suitable for a wider range of industries and use cases.

3. Consistency and Reliability: Advanced CNC machining technologies ensure consistency and reliability in the production of high-precision aluminum components. The machines operate with precision and repeatability, producing components with consistent quality and performance. This consistency is essential for applications where reliability is critical, such as in safety-related systems or critical infrastructure. Additionally, the machines can be programmed to monitor and adjust for variations in material properties or other factors, further enhancing the reliability of the finished components.

Factory Show





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, Hight, Width), CAD or 3D file will be made for you if placed order.

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