Custom High Precision OEM CNC Milling Parts for Aerospace Automotive Medical Electronics Industries

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen China
- Brand Name: Xianheng
- Certification: ISO9001:2015
- Model Number: ML-CNC-061
- 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: CNC Milling
- Material Capabilities: Copper, Aluminum, Bronze, Stainless Steel, Brass
- Surface Treatment: Anodized, Anodizing, Anodize/natural, Sandblast, Silk-screen
- Service: OEM/ODM, OEM ODM Metal Stamping, Customized OEM OEM ODM, OEM Service
- Tolerance: 0.01mm, 0.05 Mm, +/-0.005, 0.003-0.05mm
- Application: Machinery, Automotive, Laptop, Industrial Equipment, Engineering
- Color: As Per Customers' Requirement

More Images

Our Product Introduction

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

Product Description

What We Can Provide

Custom High Precision OEM CNC Milling Parts for Aerospace Automotive Medical Electronics Industries

Description of Custom High Precision OEM CNC Milling Parts for Aerospace Automotive Medical Electronics Industries

Custom high - precision OEM (Original Equipment Manufacturer) CNC (Computer Numerical Control) milling parts are specialized components manufactured using advanced CNC milling technology to meet the unique and stringent requirements of the aerospace, automotive, medical, and electronics sectors.

Specification of Custom High Precision OEM CNC Milling Parts for Aerospace Automotive Medical Electronics Industries

Product Name	High Quality Copper Steel Stainless Brass Material CNC Milling Parts Services
Material	Aluminum, Stainless Steel, Copper, Brass, Titanium, Galvinized, Nylon, ABS, POM etc.
Surface Treatment	Zinc Plating, Painting, Mirror Polished, Brush Polished, Powder Coating, Electroplating, Anodizing, Sandblasting etc.
Processing	Laser Cutting, Precision Stamping, Bending, CNC Punching, Threading, Riveting, Drilling, Welding, Painting, Assembly etc.
Drawing Format	3D/CAD/DWG/IGS/STEP/PDF/JPG
OEM Service	Accept

Quality Control

1. Checking the raw material after they reach our factory------- Incoming quality control (IQC)
2. Checking the details before the production line operated
3. Have full inspection and routing inspection during mass production---In process quality control(IPQC)
4. Checking the goods after they are finished---- Final quality control(FQC)
5. Checking the goods after they are finished-----Outgoing quality control(OQC)

Application Of Custom High Precision OEM CNC Milling Parts for Aerospace Automotive Medical Electronics Industries

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

Why Choose Us

Advantages

1. Exceptional Dimensional Accuracy
CNC milling machines are equipped with high - precision servo motors and advanced control systems that can achieve extremely tight tolerances. This level of accuracy is essential in industries where even the smallest deviation can lead to performance issues or safety hazards. For example, in the aerospace industry, a misalignment of a few micrometers in an aircraft engine component can cause catastrophic failures. Custom high - precision CNC milled parts ensure that all components fit together perfectly, resulting in reliable and efficient operation.

2. Design Flexibility
CNC milling allows for the production of complex and customized parts with ease. Designers can create intricate geometries, undercuts, and internal features that would be difficult or impossible to manufacture using traditional methods. This flexibility enables companies in different industries to innovate and develop unique products. In the medical field, for instance, custom - shaped surgical instruments can be designed to better suit specific surgical procedures, improving patient outcomes.

3. Consistent Quality and Repeatability
Once a CNC milling program is set up, it can produce identical parts with a high degree of consistency. This repeatability is crucial for mass - production applications in industries such as automotive and electronics. It ensures that every component meets the same quality standards, reducing the risk of defects and improving overall product reliability. Additionally, it allows for efficient production planning and inventory management, as companies can accurately predict the number of parts that can be produced within a given time frame.

Factory Show

Factory Equipment


WEDM


Milling Machine


CNC Wire Cut

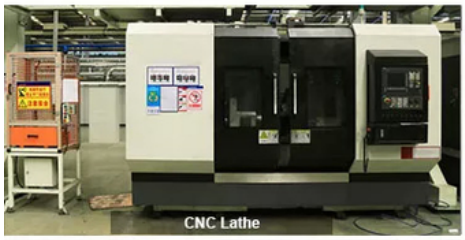

Coordinate measuring machine


CNC Bending Machine


Hydraulic Press Machine


SLS/SLA Machine


5-Axis CNC


CNC Lathe


Laser cutting Machine


CNC Punching Machine


Injection Molding machine

FAQ

Q: How can I customize my products ?
A: Please describe your project. Include the following information so that we can provide an accurate quote: Part Name, 3D CAD Drawing, Quantity, Material, Color, Finishing.

Q: How can I know my products going on ?
A: We will offer a detailed production schedule and send weekly reports with digital pictures and videos which show the production process.

Q: Can You sign a confidentiality greement ?
A: We can sign a confidentiality agreement according to your needs.

Q: What is your terms of payment ?
A: 30% in advance ,70% balance before shipment. Other terms negotiable.

Q: Are you a trading company or factory?
A: We are direct factory with 20 experienced engineers and more than 80 employees as well approximate 3,000 square meters workshop area.

Q: What shall we do if we do not have drawings?
A: 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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