High Precision CNC Milling Parts for Customized Machining Solutions of Metal Components as per Customers' Requirement

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen China
- Brand Name: Xianheng
- Certification: ISO9001:2015
- Model Number: ML-CNC-077
- 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
- Highlight: **High Precision CNC Milling Parts**, **Customized Machining Solutions CNC Milling Parts** , **Metal Components CNC Milling Parts**

More Images

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

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Product Description

What We Can Provide

Customized Machining Solutions for Precision Metal Components with High Precision CNC Milling Parts

Description of Customized Machining Solutions for Precision Metal Components with High Precision CNC Milling Parts

CNC milling employs multi-axis machines that follow digitally programmed instructions to precisely remove material from metal workpieces, enabling the creation of intricate designs, tight tolerances (often ±0.005 mm or better), and consistent part-to-part consistency. Industries such as aerospace, medical devices, automotive, electronics, and defense rely on these solutions for critical components where performance, safety, and reliability are paramount.

Specification of High Precision CNC Milling Parts for Customized Machining Solutions Supplier for Precision Metal Components

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 High Precision CNC Milling Parts for Customized Machining Solutions Supplier for Precision Metal Components

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

Our Advantages

1. Unmatched Precision & Consistency
CNC milling machines operate with micrometer-level accuracy, ensuring that every part adheres to exact specifications.
Automated processes eliminate human error, reducing variability and ensuring identical replication of complex designs across production runs.
Ideal for applications requiring tight tolerances, such as aerospace turbine blades, medical implants, or semiconductor equipment.

2. Design Flexibility & Complex Geometry Capability
Unlike traditional machining, CNC milling can produce highly intricate shapes, undercuts, thin walls, and deep pockets without manual reconfiguration.
Multi-axis (3D, 4D, 5D) milling allows for simultaneous movement in multiple directions, enabling the creation of organic contours and internal features.
Enables rapid prototyping and low-to-high volume production of custom components without costly tooling changes.

3. Material Versatility & Cost Efficiency
Processes a wide range of metals, including aluminum, stainless steel, titanium, brass, copper, and exotic alloys (e.g., Inconel, Hastelloy).
Reduces material waste through optimized cutting paths and nesting strategies, lowering production costs.
Shortens lead times by combining multiple machining steps into a single setup, improving time-to-market for new product development.

Factory Show

Factory Equipment


WEDM


Milling Machine


CNC Wire Cut

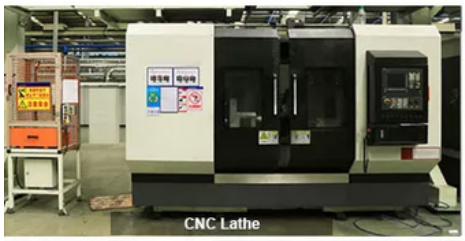

Coordinate measuring machine


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 agreement ?
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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