



## OEM Service CNC Machining Aluminum Parts Custom High Precision CNC Metal Machining Parts

Our Product Introduction

for more products please visit us on [cnc-metalmachining.com](http://cnc-metalmachining.com)

### Basic Information

- Place of Origin: Shenzhen China
- Brand Name: Xiange
- Certification: ISO9001:2015
- Model Number: CNC-XG-050
- 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

- Application: Automotive, Aerospace, Medical, Etc.
- Drawing Format: CAD, PDF, JPG, Etc.
- Inspection: 100% Inspection Before Shipment
- Lead Time: 7-15 Days
- MOQ: 1 Piece
- Material: Metal
- Package: Carton Box, Wooden Box, Etc.
- Payment Term: T/T, L/C, PayPal, Etc.
- Process: CNC Machining
- Size: Customized
- Surface Treatment: Polishing, Sandblasting, Anodizing, Etc.
- Tolerance:  $\pm 0.005\text{mm}$
- Transport: By Air, By Sea, By Express, Etc.
- Highlight: **OEM CNC Machining Aluminum Parts, 0.005mm CNC Machining Aluminum Parts,**



### More Images



## Product Description

### What We Can Provide

CNC Machining Aluminum Parts Custom High Precision Steel Parts Metal CNC Milling OEM Service

#### Description Of Custom OEM Precise CNC Machining Service

Custom OEM Precise CNC Machining Service represents a tailored solution for Original Equipment Manufacturers (OEMs) seeking high-precision components through Computer Numerical Control (CNC) machining.

##### Versatile Material Options:

Utilizes a wide range of materials, including metals, plastics, and composites, based on the specific requirements of the OEM. Offers expertise in diverse materials such as aluminum, stainless steel, brass, and more.

##### Capability for Complex Shapes:

Accommodates the machining of intricate shapes, contours, and complex features. Excels in 3D machining for parts with curved surfaces and intricate geometries.

#### Material Of Custom OEM Precise CNC Machining Service

##### Material Available

|                 |  |
|-----------------|--|
| Stainless Steel | SS201,3031, 304, 316, 17-4PH, SS303, SSs304, SS316 etc.                    |
| Steel           | 4140, 4340, middle steel, Carbon steel, Q235, 20#, 45# etc.                |
| Brass           | C36000(C26800),C37700(HPb59), C38500(HPb58),C27200(CuZn37), C28000(CuZn40) |
| Bronze          | C51000, C52100, C54400, etc.   |
| Aluminum        | 6082, 6061, A380, Al6061, Al6063, AL7075, AL5052 etc.                      |
| Iron            | 1213, 12L14, 1215 etc.   |
| Plastic         | ABS, PC, POM, Delrin, Nylon, Teflon, PP etc.                               |

##### Surface finish

| Aluminum parts  | Stainless Steel parts | Steel          | Plastic            |
|-----------------|-----------------------|----------------|--------------------|
| Natural anodize | Polishing             | Blackened      | Plating gold (ABS) |
| Hard anodize    | Plating               | Zinc plating   | Laser engraving    |
| Powder coating  | Sandblasting          | Nickel plating | Painting           |
| Sandblasting    | Laser engraving       | Chrome plating | Brushing (Acrylic) |
| Plating         |                       | Carburized     |                    |
| Brushing        |                       | Hot treatment  |                    |
| Polishing       |                       |                |                    |
| Laser engraving |                       |                |                    |

#### Application Of Custom OEM Precise CNC Machining Service

- Computers and Laptops:** Skived heatsinks are widely used in computer processors, graphics cards, and other internal components to dissipate heat generated during intense computing tasks. They help prevent overheating and maintain optimal performance.
- LED Lighting:** LED lights generate heat, and efficient cooling is essential to maintain their longevity and brightness. Skived heatsinks are used in various LED lighting applications, including residential, commercial, and automotive lighting systems.
- Audio Amplifiers:** High-power audio amplifiers generate significant heat during operation. Skived heatsinks are employed to cool down the amplifier circuitry, ensuring stable performance and minimizing distortion.

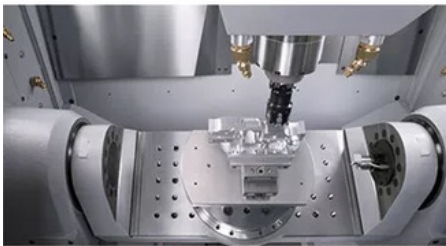
#### Features Of Custom OEM Precise CNC Machining Service

- Efficient Heat Dissipation:** Aluminum is a highly efficient conductor of heat, and skived heatsinks are designed to maximize the surface area for heat dissipation. The skived fin structure enhances the heatsink's ability to transfer heat away from the electronic components.
- Thin and Lightweight:** Skived heatsinks are manufactured using a precision machining process that allows for the creation of thin and lightweight fins. This design makes them suitable for applications where space and weight are critical considerations.
- Customizable Fin Geometry:** The skiving process allows for the creation of intricate and customizable fin geometries, which can be tailored to specific thermal requirements and airflow conditions. This flexibility ensures optimal performance for various applications.

## Why Choose Us

### Our Advantages

1. Small details make big difference. We promise: All the parts from our company have no sharp edge. All dimensions are controlled according to your drawings. Every product will be fully inspected and carefully packed to prevent the bump and rust in transit.
2. The craftsmanship of all parts we machined is controlled rigorously, Every product has its own process card and process chart.
3. Our quality inspection procedure is quite strict. It must self-inspected during production, we have flow inspectors and professional inspectors.
4. Each size of product must be tested one by one after completing production and provide quality report.
5. The most important point, we are the entity factory, not trading company. Price is the composition of the actual product quality price. Quality can guarantee more controllable higher than trading company. The price is competitive, at least reducing the trade company's service fee.
6. We have many years of export experience, exports to the US, Europe, Japan and other countries and regions.



### High Precision

**5-Axis CNC & Imported machines  
with accuracy  $\pm 0.02-0.10\text{mm}$**



### Fast Lead Time

**Multiple CNC machines, skillful  
workers, guarantee fast lead time**



### Strictly Confidential

**We will protect the customers' design  
and the customer can request a  
confidentiality agreement**



### Quality Inspection

**We have a strict quality inspection  
process to ensure the quality of our  
products**

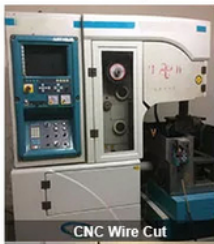
# Factory Equipment



WEDM



Milling Machine



CNC Wire Cut



Coordinate measuring machine



CNC Bending Machine



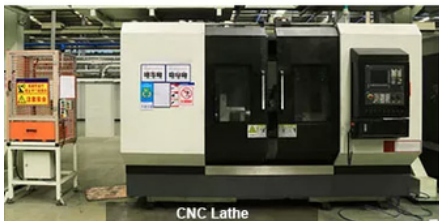
Hydraulic Press Machine



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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