

**LOZE**  
洛泽五金

**LOZE PRECISION**  
HARDWARE

# HIGH-PRECISION CNC MACHINING PARTS



## Full range of high-precision CNC machining solutions

- Tolerance controlled within  $+0.005\text{mm}$
- Surface roughness  $Ra \leq 0.8\mu\text{m}$

# CNC

**MACHINING SOLUTION**

## COMPANY PROFILE

**Dongguan Loze Precision Hardware Co., Ltd.** specializes in manufacturing emerging industries, such as optical components, photographic equipment, aerospace, special equipment, optoelectronic products, medical equipment, auto parts, intelligent belt-wearing products, robot automation, etc. with more than **15 years'** experience in OEM&ODM service.

Here at Loze, we are not only a CNC machining manufacturer, but also provide customers with a complete set of professional technology solutions in product assembly and assembly and other production fields.

Our main market is Europe and Asia. Our products are sold more than **10 countries** such as USA, Germany, UK, Japan, Australia, Israel, Singapore, Russia, Indonesia, etc.

Our factory covers an area of **5,000 m<sup>2</sup>**. We have purchased more than **120 sets** of 3-axis, 4-axis, 5-axis and CNC equipments from Japan and Germany to meet the requirements of precision machining in different industries. Determined to become a leading enterprise in the field of global structural parts manufacturing.

To further enhance our product inspection quality, we have invested in a three-coordinate measuring machine from ZEISS in Germany. In recent years, we have also fully upgraded our CNC and testing equipment, resulting in a **30%** increase in production efficiency and significantly improved machining precision.

Quality is not an option - it's a commitment. Our vigilant Quality Control team meticulously inspects every component, assuring that each product surpasses expectations and stands the test of time.

THE FIRST FACTORY



THE SECOND FACTORY



## OUR TEAM



**15+** Years

More than 15 years' experience in OEM&ODM service

**5,000** m<sup>2</sup>

Our factory covers an area of 5,000 m<sup>2</sup>

Technical Team



Experienced in CNC machining industry. Our Technical Team produce the products as you wish.

Advanced Equipments



Experienced in CNC machining industry. Our Technical Team produce the products as you wish.

**2+** Factories

We have 2 factories

**170+** Sets

There are 170 sets of equipment in two factories.

15 Years Experience OEM

12 Quality inspection processes, the yield rate of batch. CNC processing can reach 99.99%.

We Have 2 Factories



120 sets CNC milling monthly capacity: 800,000pcs. 1pcs sample is available. 1 MOQ only Rapid sampling.



## EQUIPMENT PRODUCTION LINE

Determined to become a leading enterprise in the field of global structural parts manufacturing, with more than **15 years'** experience in OEM&ODM service.

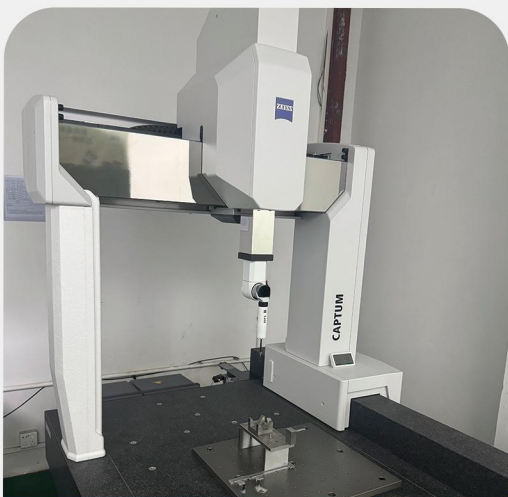


## Testing Equipment

We have purchased more than 100 sets of 3-axis, 4-axis, 5-axis and CNC equipments from Japan and Germany to meet the requirements of precision machining in different industries.



Profile Projector



Three-Coordinate Measuring Machine From ZEISS, Germany



Roughness tester

TESTING

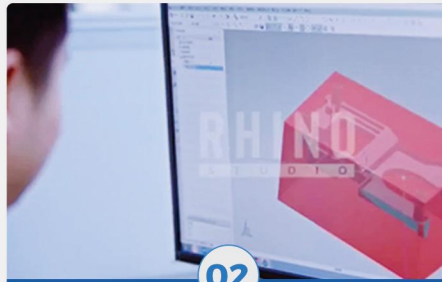
# Process Flow



01

## MATERIAL TESTING

All materials are tested with a spectral material analyzer before processing to ensure that the real raw materials are used to the customer.



02

## CUSTOM MACHINING PROCESS

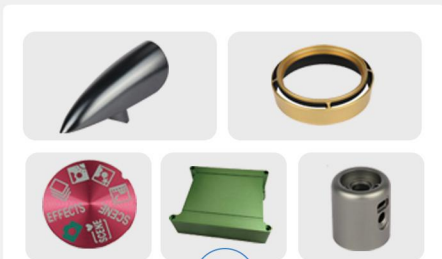
LOZE'S engineering team, based on customer requirements, will discuss with the customer to provide constructive suggestions from the perspective of structure, material.



03

## PROGRAM EDITING

LOZE has 6 engineers with more than 20 years of experience, 30 cnc technicians with more than 10 years, perfect quotation system, to achieve 4-hour quotation and provide DMF.



06

## PRODUCT SURFACE TREATMENT

After machining, according to customer needs to do the corresponding surface treatment, such as: sandblasting, Oxidation, electroplating, radium carving and other surface.



05

## IQQC INSPECTION

IQQC will conduct random inspection of CNC machined. Products at different time periods to ensure dimensional Stability of products.



04

## OPERATOR SELF-TEST

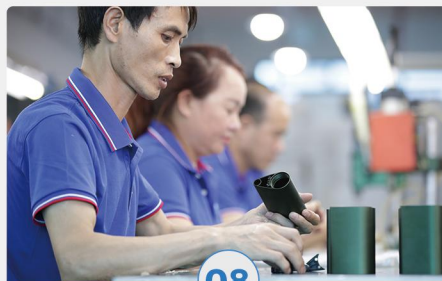
In the process of CNC machining, technicians will self-check. On the machine to ensure that they are correct and then go to the next program or get off the machine to control the quality.



07

## KEY DIMENSION INSPECTION

LOZE selects three dimensional, two dimensional, height meter, And other instruments to measure all dimensions of the product. To ensure that the dimensions meet the customer's requirements.



08

## APPEARANCE DETECTION

After the surface treatment of the product is completed, the Appearance of the full inspection is carried out to ensure that. The product pass rate is 99.99%.



09

## PACKAGE AND SHIPPING

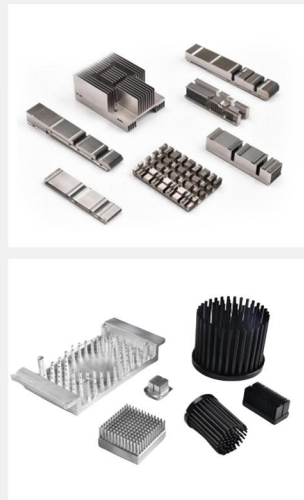
We customize packaging according to customer needs, for Fragile or heavy products, we will install 4 corner protection products. Will use shrink wrap and strapping straps on the outer carton.

# PRODUCTS CATEGORIES

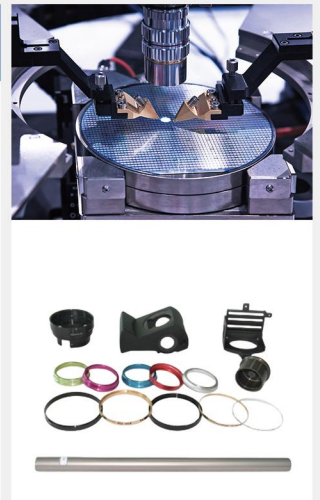
We are not only a CNC machining manufacturer, but also provide customers with a complete set of professional technology solutions in product assembly and assembly and other production fields.



Connector heat sink



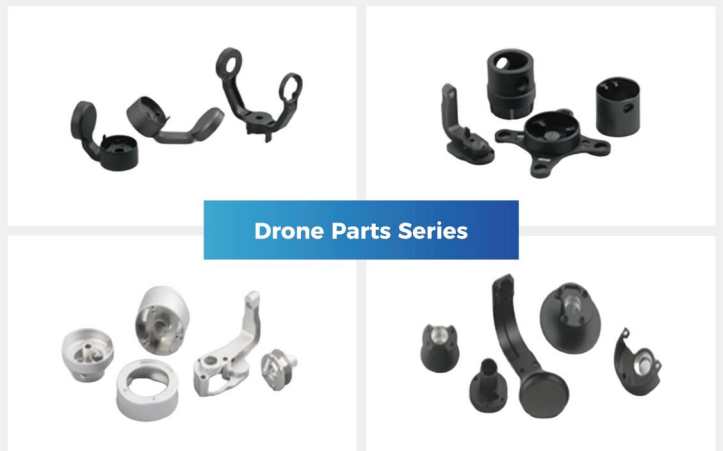
Optical structural components



Chassis and Shell Series



Drone Parts Series



## PRODUCTS CATEGORIES – Precision CNC Milling Parts

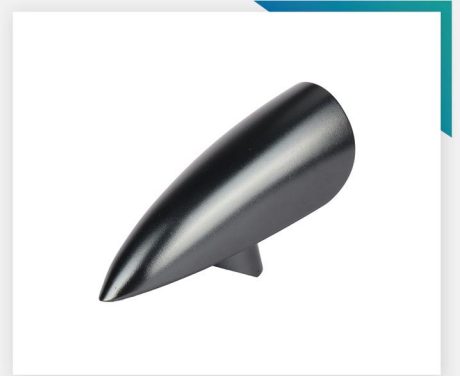
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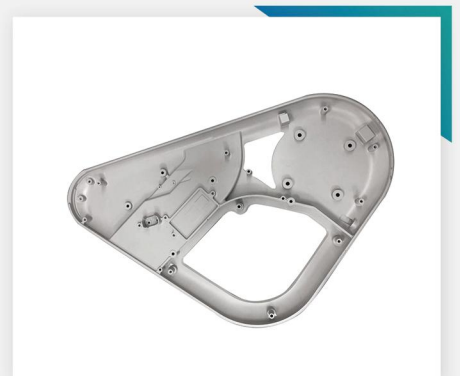
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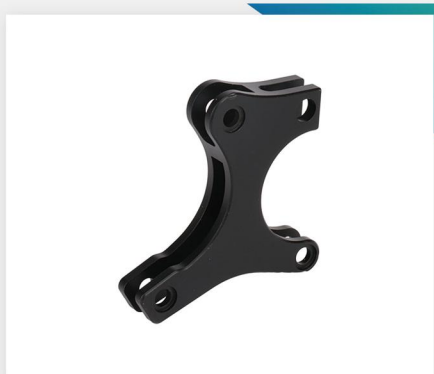
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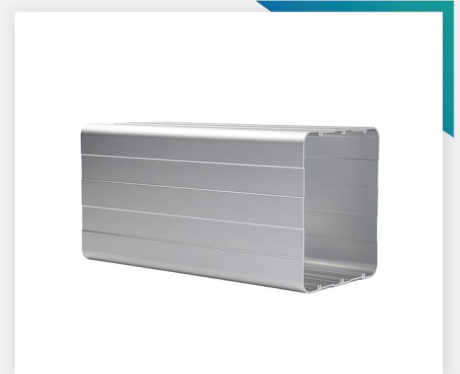
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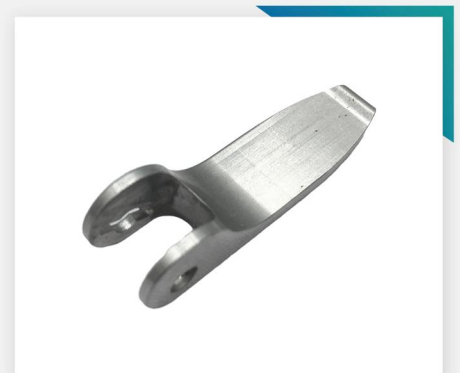
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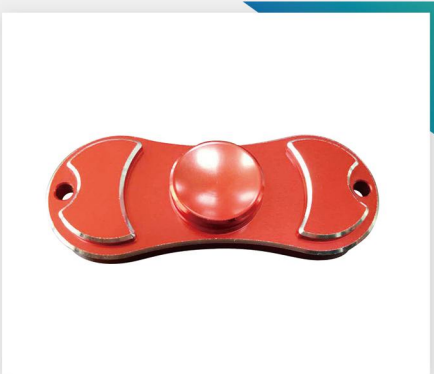
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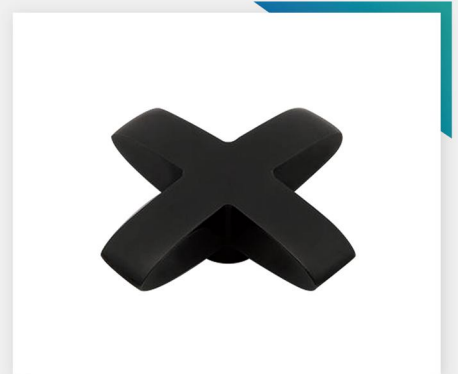
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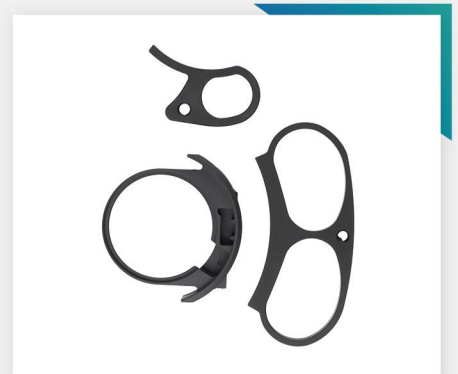
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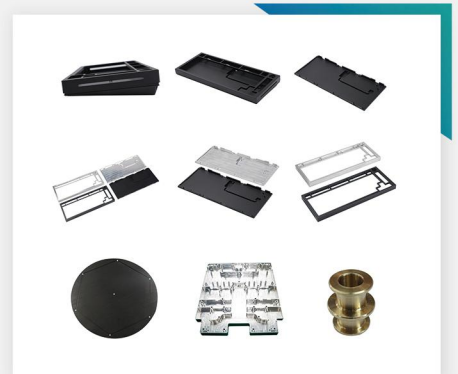
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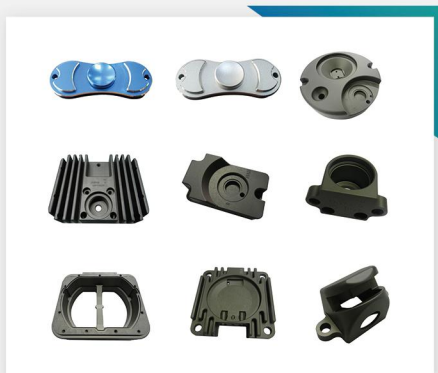
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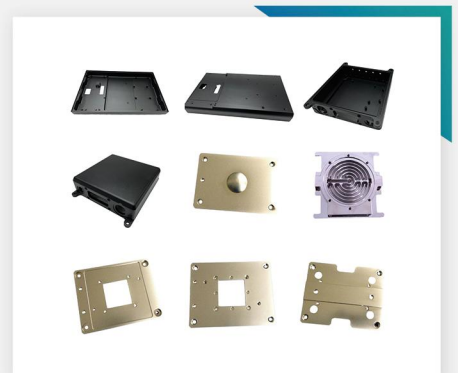
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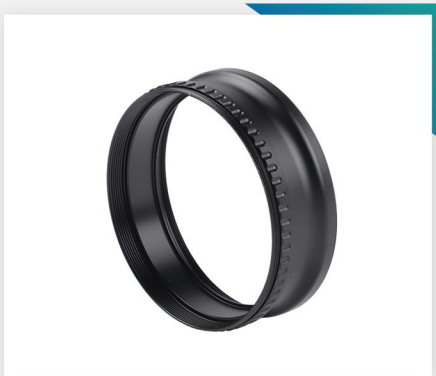
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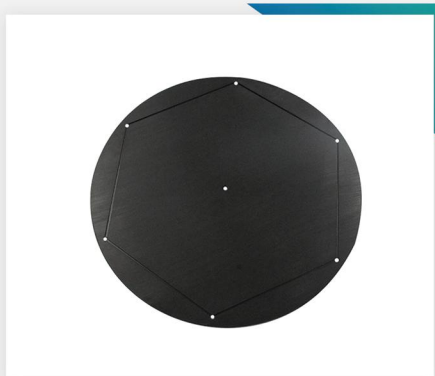
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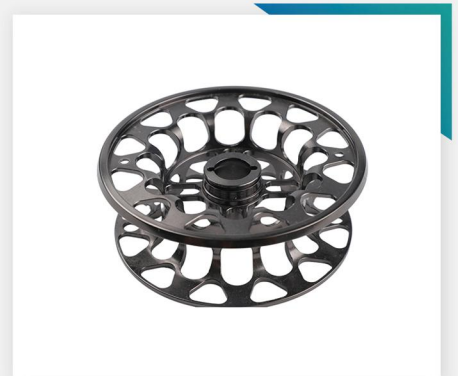
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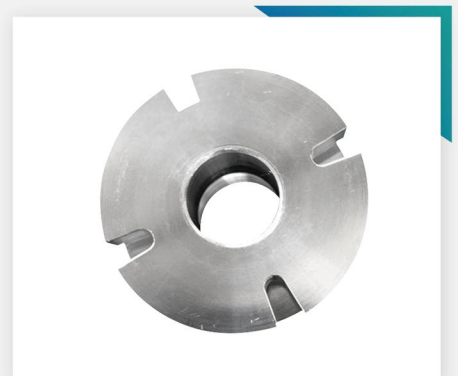
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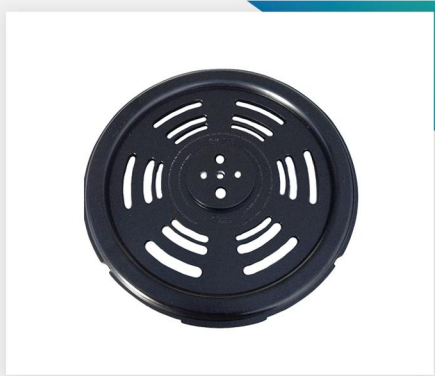
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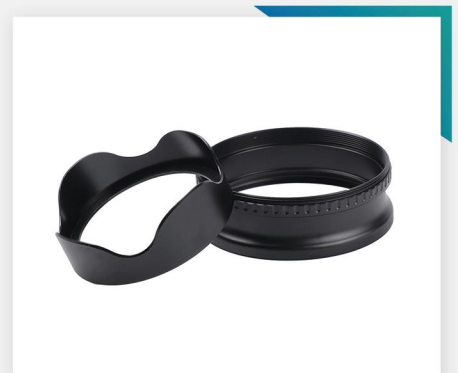
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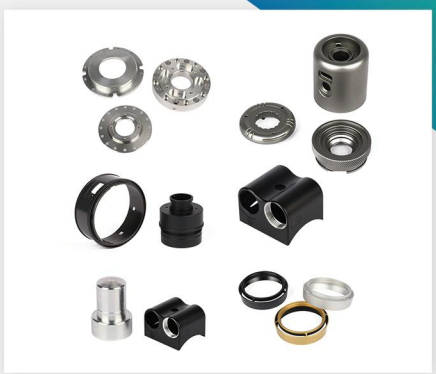
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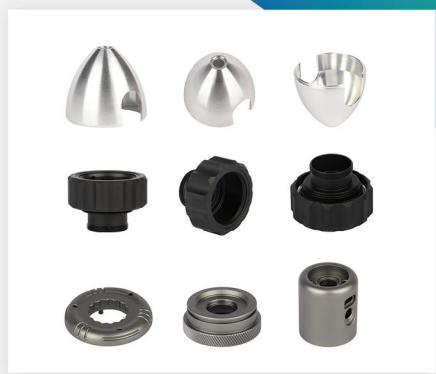
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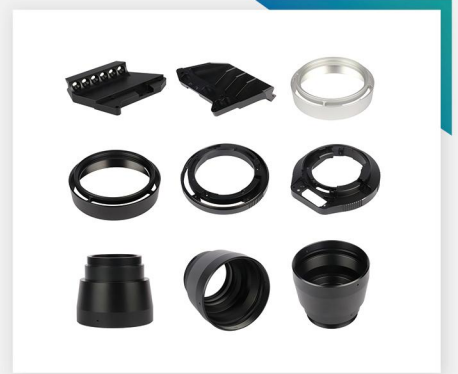
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**OEM / ODM**

**PROFESSIONAL TEAM EFFICIENT SERVICE**

## **CONTACT WINDOW**

**Dongguan Loze Precision Hardware Co., Ltd**

**Phone:** +(86)135 1012 8996

**Email:** salesivy@berglogic.com

**Wechat:** +(86)135 1012 8996

**Add:** Room 301, Building 1, No. 465 Changhuang Road,  
Changping Town, Dongguan city, Guangdong province, china

