

Specialize in custom CNC machining with fast lead time and high accuracy



CATALOG

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

- ✓ OEM/ODM
- ✓ NO MINIMUM ORDER QUANTITY



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01 Company Profile

02 Factory Capabilities

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PART 01

COMPANY PROFILE

- ✓ COMPANY INTRODUCTION
- ✓ COMPANY ADVANTAGES
 - ✓ MISSION & VALUE
- ✓ FACTORY SHOWCASE

COMPANY INTRODUCTION



Dongguan Daxin Precision Hardware Co., Ltd. specializes in CNC machining of precision electronic and industrial components.

Our factory located in Chang'an city, Dongguan province, with over 2000 square meters of factory space and more than 20 CNC machines, we achieve a monthly production capacity exceeding 50,000 pieces.

Our products span materials including aluminum, stainless steel, copper, and plastic, serving applications across consumer electronics, new energy vehicles, communication equipment, and medical devices.



Why Choose Us?

Expert Engineering Team

10+ experienced senior engineers with extensive expertise



Strong CNC Capacity

20+ CNC machines with a monthly production capacity exceeding 50,000 units



High Precision Guarantee

Precision tolerances of ± 0.01 mm



Trusted by Global Brands

Trusted by brand partners:
BYD · Huawei · BMW



Seamless Global Trade

Professional international trade team well-versed in export procedures



Our Mission



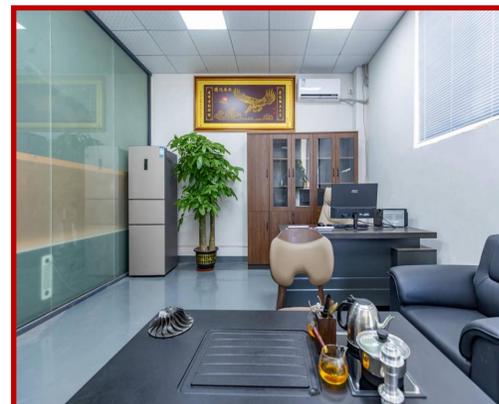
Our mission is to provide high-quality and cost-effective CNC machining solutions for global customers. We are committed to precision, efficiency, and reliability, helping our partners bring innovative products to market faster.

Our Value



We value flexibility, fast response, and strong technical expertise. We focus on open communication, customer satisfaction, and continuous innovation. With a young and dynamic team, we aim to create long-term partnerships based on trust and shared success.

FACTORY SHOWCASE



PART 02

FACTORY CAPABILITIES

- ✓ FACTORY CAPABILITIES
- ✓ CNC MILLING MACHINES
 - ✓ CNC LATHES
- ✓ INSPECTION TOOLS

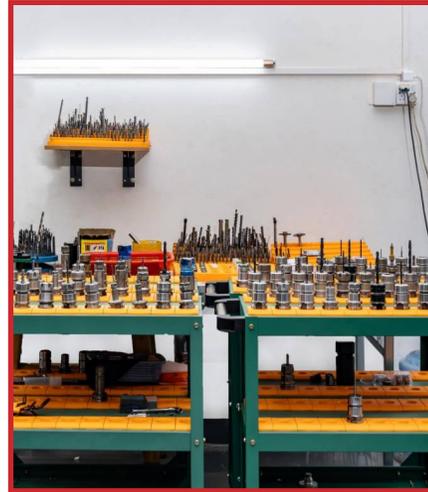


FACTORY CAPABILITIES



CNC Machines

↓
“20+”



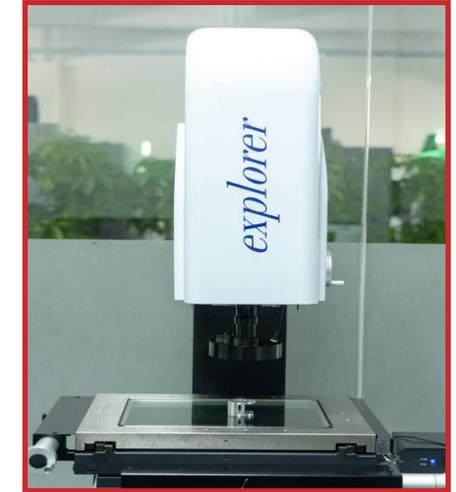
Output

↓
“50 000+ /
month”



Precision

↓
“±0.01 mm”



Lead Time

↓
“3–5 days”

Our factory is equipped with 20+ advanced CNC machines and operated by 10+ senior engineers. With a monthly output of 50,000+ parts and precision tolerance of ± 0.01 mm, we deliver fast lead times of 3–5 days and reliable quality for global customers.

CNC MILLING MACHINES



Features: Works on X, Y, and Z axes simultaneously, ideal for prismatic parts and standard geometries.

Advantages: Cost-effective, stable, and highly efficient for medium-to-large volume production.

Applications: Widely used for plates, housings, brackets, and other parts with simple to moderate designs.

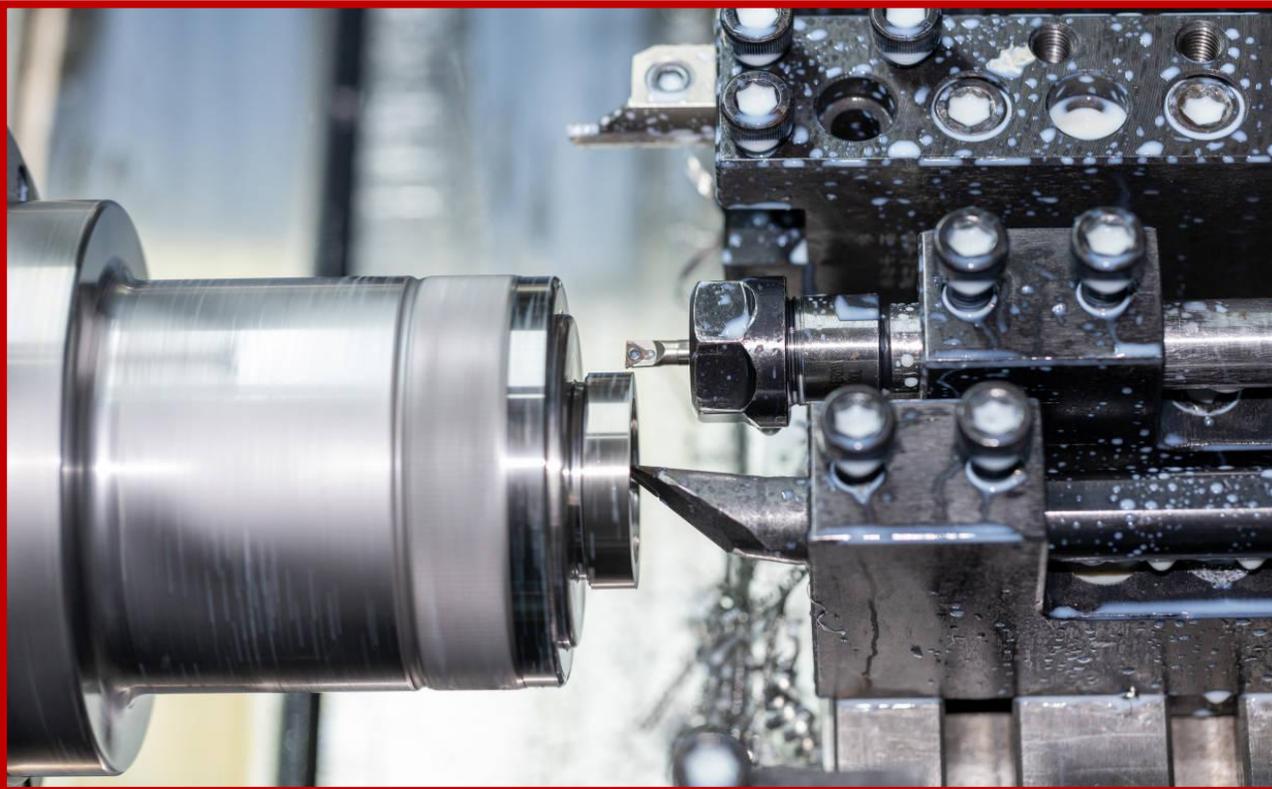


Features: Operates on X, Y, Z plus two rotary axes, enabling machining from multiple angles in a single setup.

Advantages: High flexibility, fewer setups required, capable of machining complex curves and intricate details.

Applications: Perfect for aerospace, automotive, and precision electronics parts with complex geometries.

Precision Turning for Reliable Results



- ✓ Perfect for shaft, bushing, and cylindrical parts
- ✓ Smooth surface finish & high repeatability (± 0.01 mm)
- ✓ Fast production for both prototypes and mass orders
- ✓ Cost-effective solution for complex geometries

From Prototype to Mass Production

No matter the scale of your project, we deliver fast, precise, and dependable CNC turning solutions tailored to your needs.

Quality You Can Rely On



- ✓ Advanced measuring equipment (CMM, calipers, gauges)
- ✓ 100% inspection for critical dimensions
- ✓ Clear quality standards, strict control process
- ✓ Ensures every part meets drawings and functions flawlessly

Ensuring Precision, Every Step

Advanced inspection tools guarantee consistent quality and accuracy for every part we deliver.



PART 03

OUR SERVICE

- ✓ CUSTOMIZED PROCESS
- ✓ MATERIAL
- ✓ APPLICATIONS

CUSTOMIZED PROCESS



Request

Provide your 2D/3D drawings or samples with material and quantity requirements.

01



Quotation

Our engineers evaluate feasibility, optimize the design if needed, and provide a quote within 24 hours.

02



Order

Confirm the price and lead time, then place the order.

03



Production

High-precision CNC machines produce parts exactly according to your specifications.

04



QC

Each batch undergoes strict inspection to ensure dimensions and quality meet standards.

05



Delivery

Parts are carefully packaged and shipped, with ongoing support available.

06

CUSTOMIZED PROCESS

✔ Nonconforming product control procedure

✔ Corrective and preventive action process



METAL



Aluminum
Alloys



Stainless
Steel



Carbon &
Alloy Steel



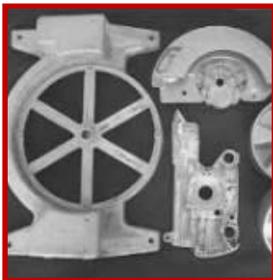
Copper



Brass



Titanium
Alloys



Magnesium
Alloys



Zinc Alloys

NON-METAL

Plastics

- ABS
- PC (Polycarbonate)
- POM/Delrin
- Nylon (PA)
- PEEK
- PTFE (Teflon)
- PVC



Composites

- FR4 / G10
- Carbon Fiber Composites



Metals



NON-Metals



PRODUCTION MATERIALS

NO.	Material name	Advantages	Limitations	Cost
01	Aluminum Alloys	Excellent machinability, good thermal conductivity, high strength-to-weight ratio.	Softer than steels, lower wear resistance.	Low to medium
02	Stainless Steel	High strength, temperature resistance, hygienic surface	Heavier and harder to machine, higher machining costs.	Medium to high
03	Carbon Steel	High strength, easy heat treatment, affordable.	Poor corrosion resistance, requires surface finishing.	Low
04	Brass	Easy to cut, corrosion-resistant, attractive appearance, conductive.	Lower strength than steel, not suitable for heavy loads.	Medium
05	Copper	Excellent conductivity, good corrosion resistance.	High cost, surface oxidation, more difficult to machine.	High

PRODUCTION MATERIALS

NO.	Material name	Advantages	Limitations	Cost
06	Titanium Alloys	Strong yet lightweight, biocompatible, outstanding corrosion resistance.	Difficult to machine, tool-wear intensive, expensive.	High
07	Magnesium Alloys	Very light, high specific strength, excellent machinability.	Lower corrosion resistance, flammability concerns, relatively costly.	Medium to high
08	Tool Steel	Very hard, heat-treatable, wear resistant.	Expensive, more challenging to machine.	Medium to high
09	Zinc Alloys	Low cost, good machinability, smooth surface finish.	Lower strength, moderate corrosion resistance.	Low
10	Engineering Plastics (ABS, Nylon, PEEK, etc.)	Easy to machine, corrosion-resistant, insulating, flexible in design.	Lower strength and heat resistance compared to metals.	Low to medium

APPLICATIONS



Consumer Electronics



**Automotive &
New Energy Vehicles**



Telecommunications&5G



Medical Devices



Industrial Equipment



Aerospace & Robotics



Consumer Electronic

“Precision housings, heat sinks, and connectors for compact devices.”

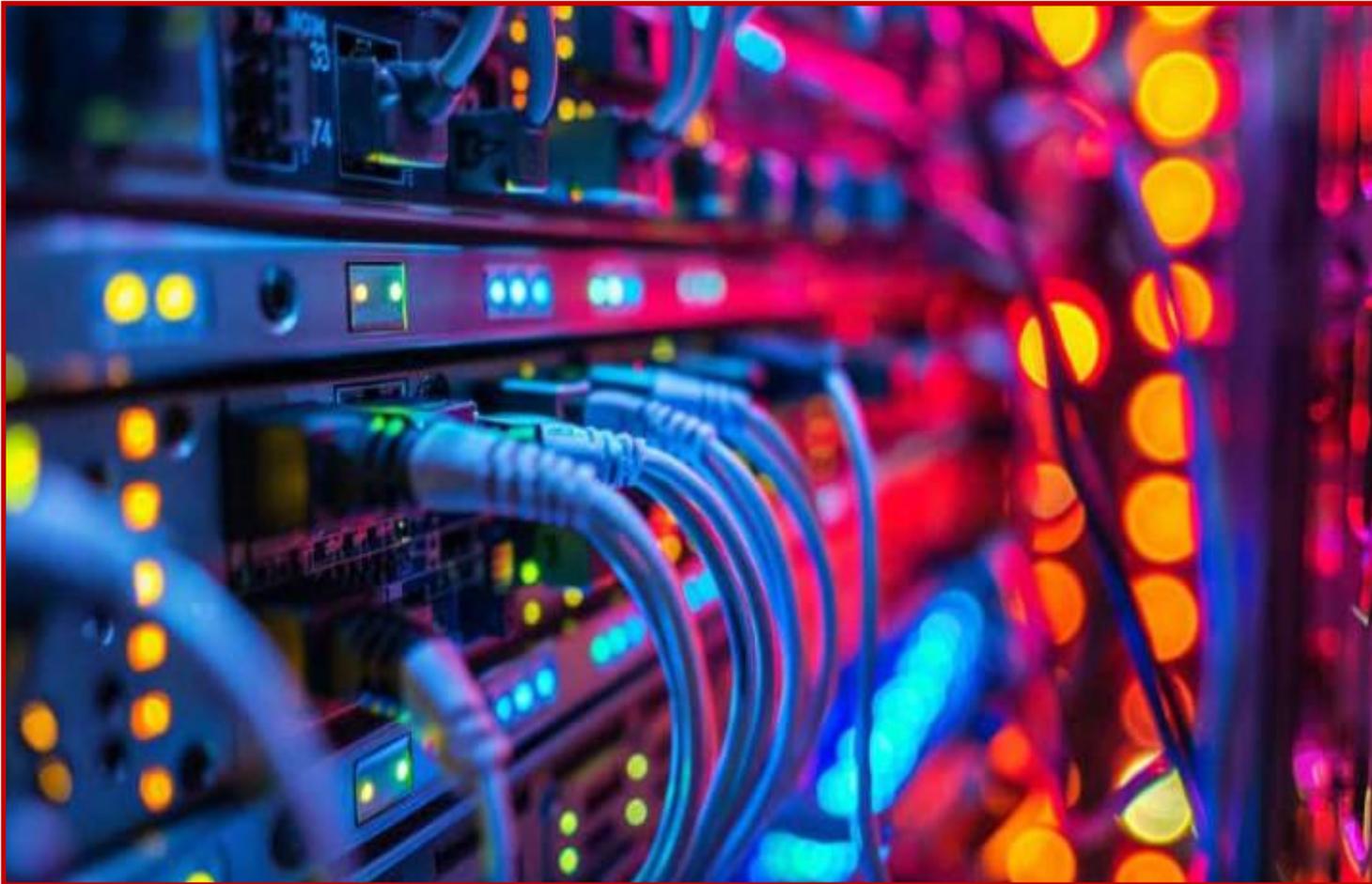
-
- ✓ **Key Requirements:** Compact, precise, durable components.
 - ✓ **What We Deliver:** Housings, heat sinks, connectors with tight tolerances.
 - ✓ **Common Materials:** Aluminum, copper, engineering plastics.

Automotive & New Energy Vehicles

“Reliable CNC parts for EV batteries, structures, and thermal systems.”

- ✓ **Key Requirements:** High volume, strength + lightweight, cost efficiency.
- ✓ **What We Deliver:** Battery housings, structural brackets, thermal parts.
- ✓ **Common Materials:** Aluminum, stainless steel, alloys.





Telecommunications&5G

“High-performance housings and heat sinks for telecom and 5G equipment”

- ✓ **Key Requirements:** Reliability, heat management, conductivity.
- ✓ **What We Deliver:** Housings, connectors, heat sinks for 5G/telecom.
- ✓ **Common Materials:** Aluminum, copper, brass.



Industrial Equipment

“Durable gears, shafts, and housings for industrial automation.”

- ✓ **Key Requirements:** Durability, scalability, smooth operation.
- ✓ **What We Deliver:** Gears, shafts, housings, machine parts.
- ✓ **Common Materials:** Steel, brass, aluminum.

Aerospace & Robotics

“Lightweight, high-strength components with tight aerospace tolerances.”

✓ **Key Requirements:**

Lightweight, high-strength, tight tolerances.

✓ **What We Deliver:** Brackets, engine parts, structural components.

✓ **Common Materials:** Aluminum, titanium, high-strength alloys.





PART 04

CONTACT INFO

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✓ For any inquiries regarding CNC machining, custom components, or precision solutions, don't hesitate to contact us. We guarantee a prompt response within 24 hours and a solution designed specifically for your business.



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