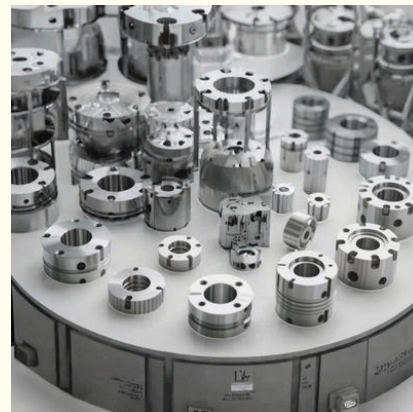


Customized Precision CNC Machining Parts with 100% Inspection and Broaching for Stainless Steel and Aluminum

Our Product Introduction

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: YWY
- Model Number: YWY3845, OEM
- Minimum Order Quantity: 1



Product Specification

- Material Capabilities: Aluminum, Brass, Bronze, Copper, Hardened Metals, Precious Metals, Stainless Steel, Steel Alloys
- Surface Treatment: Sandblasting, Anodizing, Powder Coating
- Drawing Format: DXF / DWG / STEP / IGS / PDF
- Micro Machining: Micro Machining
- CNC Machining: CNC Machining
- Stainless Steel Grades: SS201, SS301, SS303, SS304, SS316, SS416
- Aluminum Grades: AL6061, AL6063, AL6082, AL7075, AL5052, A380
- Brass Grades: HPb63, HPb62, HPb61, HPb59, H59, H68, H80, H90
- Copper Grades: C11000, C12000, C36000
- Steel Grades: Mild Steel, Carbon Steel, 4140, 4340, Q235, Q345B, 20#, 45#
- Iron Grades: A36, 45#, 1213, 12L14, 1215



More Images



Product Description

Customized Precision Aluminum Stainless Steel CNC Milling Broaching Wire EDM Machining Parts

The products shown here represent the scope of our business activities. We specialize in custom precision machining services for various industries.

[Feel free to send us your drawings for a free quote!](#)

We offer comprehensive in-house machining services including **CNC Milling, turning, lathe work, wire cutting, and EDM** at our factory in Huizhou, Guangdong, China.

[No minimum order quantity required - small orders welcome.](#) We can also add your logo or design using our laser marking machine.

CNC Machining Service

CNC precision hardware is used across industries including aerospace, automotive, medical, and defense. We collaborate closely with clients to develop customized solutions that meet exact requirements, whether for prototypes or high-volume production.

3D Printing Service

Our 3D printing services serve industries from aerospace to medical devices, offering materials including plastics, metals, and carbon fiber for parts with exceptional strength, durability, and precision.

Main Materials

Material Type	Available Grades
Stainless Steel	SS201, SS301, SS303, SS304, SS316, SS416 etc.
Steel	Mild steel, Carbon steel, 4140, 4340, Q235, Q345B, 20#, 45# etc.
Brass	HPb63, HPb62, HPb61, HPb59, H59, H68, H80, H90 etc.
Copper	C11000, C12000, C12000, C36000 etc.
Aluminum	AL6061, AL6063, AL6082, AL7075, AL5052, A380 etc.
Iron	A36, 45#, 1213, 12L14, 1215 etc.
Plastic	ABS, PC, PE, POM, Nylon, PP, Peek etc.

Surface Treatment Options

Material	Available Treatments
Stainless Steel	Polishing, Passivating, Sandblasting, Laser engraving
Steel	Zinc plating, Oxide black, Nickel plating, Chrome plating, Carburized, Powder Coated
Aluminum parts	Clear Anodized, Color Anodized, Sandblast Anodized, Chemical Film, Brushing, Polishing
Plastic	Plating gold (ABS), Painting, Brushing (Acrylic), Laser engraving

Technical Support

Our engineers are proficient in **AUTO CAD, PRO ENGINEER, SOLID WORKS** and other 2D & 3D software. We can design, develop, produce and deliver according to your drawings, samples, or concepts, with strict quality control for both standard and OEM products.

Quality Control Process

Incoming quality control (IQC) - Raw material inspection

Pre-production verification

In-process quality control (IPQC) - Full inspection during production

Final quality control (FQC) - Post-production inspection

Outgoing quality control (OQC) - Pre-shipment verification

Company Profile

WELCOME TO VISIT OUR FACTORY!

Huizhou Yuanwenyu Precision Parts Co., Ltd. has 16 years of manufacturing experience, specializing in **CNC processing, CNC lathe processing, sheet metal fabrication, and 3D printing services.**

We support customization of various precision parts including metal (aluminum, copper, titanium alloy) and plastic (ABS, PP, Teflon, carbon fiber) components for medical equipment, laser cutting, and stamping applications. Post-processing options include galvanizing, plating, anodizing, and polishing.

Our facility features **25 CNC machining centers, 12 CNC turning/milling centers, 20 CNC lathes, 10 3D printers**, plus wire cutting, grinding, stamping equipment, and dimensional testing capabilities.

Our Clients

Certifications

Why Choose Us

Design assistance and full engineering support

OEM CNC parts specialization

Complete production capabilities including turning, milling, sheet metal fabrication, and surface treatment

Advanced machine tools and CAD/CAM programming

Prototype machining capabilities

Strict quality control standards

Continuous equipment upgrades

Small quantity orders accepted

Frequently Asked Questions

Are you a manufacturer or trading company?

We operate a 1500-square-meter factory in Huizhou, China.

Can I get a quote without drawings?

Yes, we can quote based on samples, pictures, or drafts with dimensions.

Will my drawings remain confidential?

We strictly protect customer designs and can sign NDAs if required.

Do you provide samples before production?

Yes, sample fees apply but may be credited against production orders.

What are your lead times?

Typically 1-2 weeks for samples, 3-4 weeks for production runs.

How do you ensure quality?

Our 4-stage process includes material inspection, production checks, sampling verification, and 100% pre-shipment inspection.

What if we receive defective parts?

We will promptly analyze issues and remake affected components at no additional cost.



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