



## Precision CNC Turning Parts with EDM Wire Cutting for Rapid Prototyping in Stainless Steel & Aluminum

Our Product Introduction

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

### Basic Information

- Brand Name: Industrial Man
- Model Number: OEM
- Minimum Order Quantity: 1PC
- Price: Negotiable
- Payment Terms: L/C,D/A,D/P,T/T,Western Union,MoneyGram



### Product Specification

- Manufacturing Type: CNC Turning + EDM Wire Cutting
- Application: Rapid Prototyping / Engineering Samples / Custom Metal Parts
- Material Options: Stainless Steel, Aluminum, Brass, Copper, Alloy Steel
- Surface Finish: Anodizing, Polishing, Sandblasting, Plating, Custom
- Tolerance:  $\pm 0.02$ - $\pm 0.05$ mm
- Drawing Format: STEP, STP, IGES, DWG, PDF
- Volume: Prototype / Small Batch
- EDM Capability: Sharp Corners, Deep Grooves, Micro-Features
- Inspection Tools: CMM, Height Gauge, Calipers
- Lead Time: 3-7 Working Days



### More Images



### Product Description

#### Precision CNC Turning Parts with EDM Wire Cutting

Our CNC Turning Machining Parts are custom-manufactured using premium stainless steel, aluminum alloys, and other machinable metals to support rapid prototyping and functional testing. By integrating precision CNC turning with advanced EDM wire cutting, we deliver components

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with tight tolerances, smooth surfaces, and exceptional dimensional accuracy—ideal for complex geometries, fine details, and small internal features that conventional machining cannot achieve.

Customers provide 3D CAD models, and our engineering team performs technical evaluation, confirms feasibility, selects optimal machining strategies, and plans efficient production schedules. Whether you need single prototypes, multiple engineering samples, or small-batch custom parts, we ensure high consistency, stable quality, and fast lead times.

## Key Features

- **High Precision for Complex Parts:** Achieve  $\pm 0.02\text{--}\pm 0.05\text{mm}$  accuracy for tight-tolerance components, micro-details, and functional prototypes.
- **CNC Turning + EDM Wire Cutting Integration:** Ensures sharp corners, deep slots, narrow features, and shapes impossible to mill with traditional tools.
- **Fast Response for Rapid Prototyping:** Optimized workflows allow prototype production in 3-7 working days while maintaining high consistency.
- **Multiple Material Options:** Stainless steel, aluminum, brass, copper, alloy steel—flexible for strength, weight, and performance needs.
- **Stable Quality Control:** Every part undergoes dimensional inspection using CMM and precision gauges to ensure consistent accuracy.
- **Prototype-to-Production Transition:** Supports single prototype builds, engineering sample runs, and small-batch custom manufacturing.
- **Comprehensive Engineering Support:** From drawing analysis to machining strategy and quality review, we ensure your part meets all technical expectations.

## Technical Specifications

Manufacturing Type	CNC Turning + EDM Wire Cutting
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Tolerance	$\pm 0.02\text{--}\pm 0.05\text{mm}$
Drawing Format	STEP, STP, IGES, DWG, PDF
Volume	Prototype / Small Batch
EDM Capability	Sharp Corners, Deep Grooves, Micro-Features
Inspection Tools	CMM, Height Gauge, Calipers
Lead Time	3-7 Working Days
Customization	Yes, Made Per Drawing

## Frequently Asked Questions

### Do you offer other manufacturing processes besides turning?

Yes. We also provide CNC milling, EDM wire cutting, grinding, sheet metal fabrication, and complete machining services.

### What materials can you process?

We support stainless steel, aluminum, brass, copper, alloy steel, and other machinable metals.

### How do I get a quotation?

Send your CAD files and requirements—we reply within 12 hours.

### Can you handle fine details or complex geometries?

Yes. EDM allows micro-features, sharp corners, and deep cuts that traditional machining cannot achieve.

### What is your usual delivery time?

Most prototypes are completed within 3-7 working days.



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