



## Customized Solutions for Precision Metal Turned Parts CNC Turning Parts in Industrial Equipment from Expert

### 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: Xianheng
- Certification: ISO9001:2015
- Model Number: TN-CNC-075
- 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

- Cnc Machining Or Not: CNC Machining
- Type: CNC Milling
- Material Capabilities: Copper, Aluminum, Bronze, Stainless Steel, Brass
- Surface Treatment: Anodized, Anodizing, Anodize/natural, Sandblast, Silk Screen
- Service: OEM/ODM, OEM ODM Metal Stamping, Customized OEM OEM ODM, OEM Service
- Tolerance: 0.01mm, 0.05 Mm, +/-0.005, 0.003-0.05mm
- Application: Machinery, Automotive, Laptop, Industrial Equipment, Engineering
- Color: As Per Customers' Requirement
- Highlight: **Customized Solutions CNC Turning Parts, Precision Metal Turned Parts**



#### More Images



## Product Description

### What We Can Provide

Customized Solutions for Precision Metal Turned Parts CNC Turning Parts in Industrial Equipment from Expert

#### Description of Customized Solutions for Precision Metal Turned Parts CNC Turning Parts in Industrial Equipment from Expert

Customized solutions for precision metal turned parts, particularly those produced through Computer Numerical Control (CNC) turning, are essential in the manufacturing of industrial equipment. These solutions are designed to meet the exacting standards and performance requirements of diverse industries, such as aerospace, automotive, medical, and machinery manufacturing.

##### 1. Precision Engineering:

High Accuracy: CNC turning machines offer exceptional precision, capable of producing parts with tolerances as tight as  $\pm 0.001$  mm. This level of accuracy ensures that the parts fit perfectly within the assembly and function as intended.

Repeatability: The automated nature of CNC turning allows for consistent results, ensuring that each part produced is an exact replica of the previous one.

##### 2. Material Versatility:

Wide Range of Materials: Customized solutions can accommodate a variety of metals, including stainless steel, aluminum, titanium, brass, and copper. The choice of material depends on the specific application requirements, such as strength, corrosion resistance, and weight.

Material Optimization: Expertise in material science helps in selecting the most suitable metal for the job, optimizing both performance and cost.

##### 3. Complex Geometries:

Advanced Machining Capabilities: CNC turning machines can produce intricate shapes and features, such as threads, grooves, and undercuts, with high precision.

Multi-Axis Machining: With multi-axis capabilities, a single setup can complete complex parts, reducing handling and setup time, and enhancing accuracy.

#### Specification of Customized Solutions for Precision Metal Turned Parts CNC Turning Parts in Industrial Equipment from Expert

CNC Capacity				
CNC Machining Center	3 / 4 / 5 axis CNC Machining Centers	40+ CNC Machines		
CNC Turning	φ0.5 - φ300 * 750 mm	DIN-2768-Fine +/-0.005 mm		
CNC Machining	1270×508×635 mm(max)	DIN-2768-Fine +/-0.005 mm		
CNC Stamping	1000 * 1000 mm(max)	DIN-2768-Fine +/-0.005 mm		
Drawing Format	IGS,STP,X_T ,DXF,DWG , Pro/E, PDF			
Inspection Equipments	Measurement Instrument, Projector, CMM, Altimeter, Micrometer, Thread Gages, Calipers, Pin Gauge etc.			
Material Available				
Stainless Steel	SS201,SS301, SS303, SS304, SS316, SS416, 17-4PH, 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, Delrin, Nylon, Teflon, PP,PEI, Peek etc.			
Surface Finishing				
Aluminum Parts	Stainless Steel Parts	Steel Parts	Copper /Brass	Plastic Parts
Clear Anodized	Polishing	Zinc plating	Polishing	Painting
Color Anodized	Passivating	Oxide black	Passivation	Chrome plating
Sandblast Anodized	Sandblasting	Nickel plating	Galvanized	polishing
Chemical Film	Laser engraving	Chrome plating	Nickel Plating	Sandblast
Brushing		Carburized	Chrome plating	Laser engraving
Polishing		Heat treatment		
Chroming		Powder Coated		

#### Quality Control

1. Checking the raw material after they reach our factory----- Incoming quality control ( IQC)
2. Checking the details before the production line operated

3. Have full inspection and routing inspection during mass production---In process quality control(IPQC)
4. Checking the goods after they are finished---- Final quality control(FQC)
5. Checking the goods after they are finished-----Outgoing quality control(OQC)

#### Application Of Customized Solutions for Precision Metal Turned Parts CNC Turning Parts in Industrial Equipment from Expert

1. Auto Components Hardware Parts Auto Parts
2. Communication Equipment
3. Industrial Equipment
4. Medical EquipmentsMechanical Parts
5. Ship Accessories
6. Electrical Equipment
7. Mechanical Equipment

## Why Choose Us

### Our advantages

#### 1. High Precision and Accuracy:

Customized CNC turning solutions offer exceptional precision and accuracy, with tolerances as tight as  $\pm 0.001\text{mm}$ . This ensures that the parts produced fit perfectly within the assembly and function as intended, reducing the risk of failures or malfunctions in critical industrial applications.

#### 2. Material Versatility and Optimization:

These solutions accommodate a wide range of metals, allowing for the selection of the most suitable material based on specific application requirements such as strength, corrosion resistance, and weight. Expertise in material science helps in optimizing both performance and cost, ensuring that the parts meet the desired standards while remaining cost-effective.

#### 3. Scalability and Efficiency:

Customized solutions can be scaled to meet varying production volumes, from small batches for prototyping to large-scale production for mass manufacturing. Advanced manufacturing processes and efficient workflows enable quick turnarounds and minimize waste, reducing setup times and improving overall efficiency. This results in cost savings and faster delivery of high-quality parts to meet tight deadlines.

## Factory Show

### Factory Equipment



WEDM



Milling Machine



CNC Wire Cut



Coordinate measuring machine



CNC Bending Machine



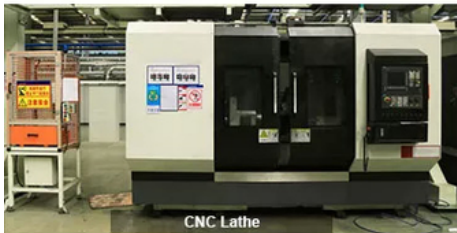
Hydraulic Press Machine



SLS/SLA Machine



5-Axis CNC



CNC Lathe



Laser cutting Machine



CNC Punching Machine



Injection Molding machine



## FAQ

Q: How can I customize my products ?

A: Please describe your project. Include the following information so that we can provide an accurate quote: Part Name, 3D CAD Drawing, Quantity, Material, Color, Finishing.

Q: How can I know my products going on ?

A: We will offer a detailed production schedule and send weekly reports with digital pictures and videos which show the production process.

Q: Can You sign a confidentiality greement ?

A: We can sign a confidentiality agreement according to your needs.

Q: What is your terms of payment ?

A: 30% in advance ,70% balance before shipment. Other terms negotiable.

Q: Are you a trading company or factory?

A: We are direct factory with 20 experienced engineers and more than 80 employees as well approximate 3,000 square meters workshop area.

Q: What shall we do if we do not have drawings?

A: 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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