



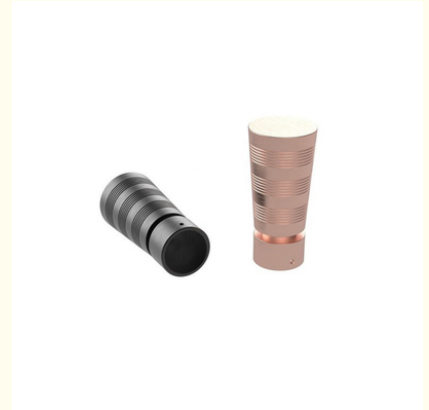
Precision CNC Turning Parts with Advanced Surface Finishes for Industrial Machinery Fabrication and Durability

Our Product Introduction

for more products please visit us on cnc-metalmachining.com

Basic Information

- Place of Origin: Shenzhen China
- Brand Name: Xianheng
- Certification: ISO9001:2015
- Model Number: TN-CNC-88
- 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



More Images



Product Description

What We Can Provide

Precision CNC Turning Parts with Advanced Surface Finishes for Industrial Machinery Fabrication and Durability

Description of Precision CNC Turning Parts with Advanced Surface Finishes for Industrial Machinery Fabrication and Durability

Precision CNC turning parts with advanced surface finishes are engineered to meet the stringent demands of industrial machinery fabrication, where durability, reliability, and performance are paramount. These components are manufactured using CNC (Computer Numerical Control) lathes, which enable the creation of cylindrical parts with exceptional accuracy and consistency. Advanced surface finishes enhance the functionality, aesthetics, and longevity of these parts, making them ideal for applications in aerospace, automotive, medical devices, and hydraulic systems.

Specification of Precision CNC Turning Parts with Advanced Surface Finishes for Industrial Machinery Fabrication and Durability

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 Precision CNC Turning Parts with Advanced Surface Finishes for Industrial Machinery Fabrication and Durability

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

Enhanced Durability and Longevity:

Advanced surface finishes protect parts from environmental factors such as corrosion, abrasion, and chemical exposure, significantly extending their service life. For instance, a stainless steel part with a polished finish will resist rust and wear better than an untreated part, making it ideal for harsh industrial environments.

Improved Performance and Efficiency:

Smooth surface finishes reduce friction and wear, leading to quieter operation, lower energy consumption, and improved overall efficiency. This is particularly critical in applications like hydraulic valves, where precise movement and minimal leakage are essential for optimal performance.

Cost-Effectiveness in Mass Production:

CNC turning is a highly automated process that reduces labor costs and production time. The ability to produce large quantities of identical parts with minimal setup changes makes it a cost-effective solution for high-volume manufacturing. Additionally, the elimination of secondary finishing operations (e.g., grinding or polishing) further reduces production costs.

Design Flexibility and Complexity:

CNC turning machines can create intricate geometries and features that would be difficult or impossible to achieve with manual methods. This allows for the production of customized parts tailored to specific applications, such as components with internal threads, grooves, or complex profiles. The integration with CAD/CAM software enables rapid prototyping and seamless transitions from design to production.

Factory Show

Factory Equipment



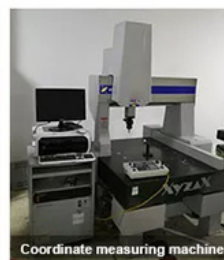
WEDM



Milling Machine



CNC Wire Cut



Coordinate measuring machine



CNC Bending Machine



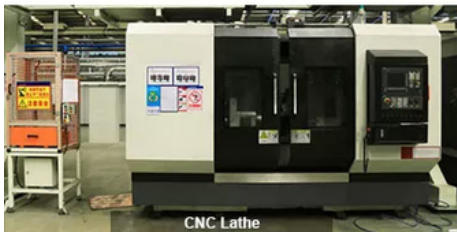
Hydraulic Press Machine



SLS/SLA Machine



5-Axis CNC



CNC Lathe



Laser cutting Machine



CNC Punching Machine



Injection Molding machine



FAQ

Q1: Where can I get product & price information?

A1: Send us inquiry e-mail, we will contact you as we receive your mail.

Q2: How long can I get the sample?

A2: Depends on your specific items, within 3-7 days is required generally.

Q3: What kinds of information you need for quote?

A3: Kindly please provide the product drawing in PDF, and will be better you can provide in STEP or IGS.

Q4: What are the payment terms?

A4: We accept 50% as payment deposit, when the goods is done, we take photos for your check and you then pay the balance.

Q5: Are you a trading company or factory?

A5: We are direct factory with 10 experienced engineers and more than 650 employees as well approximate 2,000 square ft. workshop area.

Q6: What shall we do if we do not have drawings?

A6: 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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