

Shenzhen China

ISO9001:2015

USD \$0.1-\$1.99

10000 pcs per week

requirements

Carton, As Customers'packaging

T/T, Western Union, MoneyGram

TN-CNC-77

1 pcs

days

Xianheng



Customized CNC Turning Parts for High-Performance Industrial Machinery Metal Parts Applications

Basic Information

- Place of Origin:
- Brand Name:
- Certification:
- Model Number:
- Minimum Order Quantity:
- Price:
- Packaging Details:
- Delivery Time: Samples 7-10 days, Mass production 20-25
- Payment Terms:
- Supply Ability:

Product Specification

- Cnc Machining Or Not: **CNC** Machining **CNC** Milling • Type: Copper, Aluminum, Bronze, Stainless Steel, • Material Capabilities: Brass Surface Treatment: Anodized, Anodizing, Anodize/natural, Sandblast, Silk Screen OEM/ODM, OEM ODM Metal Stamping, Service: 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
 - As Per Customers' Requirement



More Images

Color:



What We Can Provide

Customized CNC Turning Parts for High-Performance Industrial Machinery Metal Parts Applications

Description of Customized CNC Turning Parts for High-Performance Industrial Machinery Metal Parts Applications

Customized CNC turning parts for high - performance industrial machinery metal parts are precision - engineered components crafted through Computer Numerical Control (CNC) turning technology. This subtractive manufacturing process involves a rotating workpiece and a cutting tool that removes material to shape the part according to specific design requirements. Specification of Customized CNC Turning Parts for High-Performance Industrial Machinery Metal Parts Applications

CNC Capacity				
CNC Machining Center	3 / 4 / 5 axis CNC Centers	Machining	40+ CNC Ma	chines
CNC Turning	φ0.5 - φ300 * 750	p0.5 - φ300 * 750 mm DIN-2768-Fine +/-0.005 mm		
CNC Machining	1270×508×635 mr	1270×508×635 mm(max) DIN-2768-Fine +/-0.005 mm		
CNC Stamping	1000 * 1000 mm(n	nax)	DIN-2768-Fir	ne +/-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, SS	303, SS304, S	S316, SS416	, 17-4PH, etc.
Steel	Mild steel, Carbon etc.	Steel, 4140, 43	340, Q235, Q	345B, 20#, 45#
Brass	HPb63, HPb62, HP	Pb61, HPb59, I	H59, H68, H8	0, H90 etc.
Copper	C11000,C12000,C	12000 C36000) etc.	
Aluminum	AL6061, Al6063, A	L6082, AL707	5, AL5052, A3	380 etc.
Iron	A36, 45#, 1213, 12	2L14, 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 CNC Turning Parts for High-Performance Industrial Machinery Metal Parts Applications

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
- . weenanical Equipment

Why Choose Us

Our Advantages

1. Enhanced Performance and Efficiency

Customized CNC turning parts are designed to meet the exact specifications of high - performance industrial machinery. This precision ensures that the parts fit together perfectly, reducing friction, wear, and energy consumption. For instance, in a high -

speed spindle used in a CNC milling machine, a customized shaft with a precisely machined surface finish and tight dimensional tolerances can minimize vibration and improve the overall cutting accuracy and efficiency of the machine. **2. Increased Durability and Longevity**

The use of high - quality metals and advanced manufacturing techniques in CNC turning results in parts that are highly durable. These parts can withstand extreme temperatures, high pressures, and heavy loads, which are common in industrial machinery applications. For example, in a power generation turbine, customized CNC turning parts such as blades and shafts are exposed to high temperatures and rotational forces. The precise manufacturing process ensures that these parts have the necessary strength and resistance to fatigue, extending their service life and reducing maintenance costs.

3. Cost - Effectiveness in the Long Run

Although the initial cost of customized CNC turning parts may be higher compared to standard off - the - shelf components, they offer significant cost savings in the long run. The high precision and durability of these parts reduce the frequency of breakdowns and the need for frequent replacements. Additionally, the improved performance and efficiency of the industrial machinery can lead to increased productivity and lower operating costs. For example, in a manufacturing plant, the use of customized CNC turning parts in production machinery can reduce downtime and increase output, resulting in higher profits. **4. Quick Adaptation to Design Changes**

In the fast - paced world of industrial machinery, design changes are often necessary to improve performance, comply with new regulations, or meet customer demands. CNC turning technology allows for quick and easy adaptation to these design changes. Once the new design specifications are input into the CAM software, the CNC machine can be reprogrammed to produce the updated parts. This flexibility enables manufacturers to respond rapidly to market changes and stay competitive in the industry. For example, if a new environmental regulation requires a change in the design of a component in a waste - treatment machine, the manufacturer can quickly modify the CNC program and produce the new parts without significant delays or costs.

Factory Show





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, Hight, Width), CAD or 3D file will be made for you if placed order.

	EXH-TECH	Shenzhen Xianheng Technology Co.,Ltd	
C	0086-13682614486	Shawn@xianheng-tech.com	ining.com
Room 8-	1409, Xingji jiayuan buik	ling 8-9#, HongXing community, Songgang street, Bao'an Dis City China	strict, Shenzher