



Stainless Steel CNC Parts Manufacturer for the Automotive Industry Lightweight and Strong

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: ST-CNC-085
- 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: Milling, Turning, Machining
- Material Capabilities: Copper, Aluminum, Bronze, Stainless Steel, Brass
- Surface Treatment: Anodized, Anodizing, Anodize/natural, Sandblast, Silk-screen
- Application: Machinery, Automotive, Laptop, Industrial Equipment, Engineering
- Tolerance: 0.01mm, 0.05 Mm, +/-0.005, 0.003-0.05mm
- Service: Customized OEM
- Keyword: Stainless Steel Milling Parts
- Quality Control: 100% Inspection Berore Shipment, 100% Full Inspection



More Images



Product Description

What We Can Provide

Stainless Steel CNC Parts Manufacturer for the Automotive Industry Lightweight and Strong

Description of Stainless Steel CNC Parts Manufacturer for the Automotive Industry Lightweight and Strong

Stainless steel CNC parts manufacturers specializing in the automotive sector leverage advanced Computer Numerical Control (CNC) machining to produce components that are both lightweight and exceptionally strong. These parts are engineered to meet the rigorous demands of modern vehicles, where reducing weight improves fuel efficiency, handling, and performance, while maintaining structural integrity ensures safety and durability.

Specification of Stainless Steel CNC Parts Manufacturer for the Automotive Industry Lightweight and Strong

Custom Metal Solutions

Candle Holders/Cups	Medical Containers	Metal End Covers	Mobile Phone Shells
Crafts Stamping Parts	Tablewares	Aluminum Lids	Cabinet Enclosures
Lighting Stamping Parts	Filters/Strainers	Cosmetic Caps	Furniture Accessories
Metal Brackets/Stand	Protective Shields	Essential Oil Caps	Door&Window Fittings
Electronic Components	Sheet Metal Panels	Perfume Caps	Shafts/Sleeves/Gears
Electrical Connections	Cooling Fins	Wine Bottle Caps	Fasteners
Metal Structures	Metal Contact Clips	Jar Caps	Machinery Parts
Car Spare Parts	Motor Spare Parts	Glass Bottle Caps	Pipe Fittings/Elbows

Application Of Stainless Steel CNC Parts Manufacturer for the Automotive Industry Lightweight and Strong

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

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)

Why Choose Us

Advantages

High Strength-to-Weight Ratio

Stainless steel grades like 304, 316, and 17-4PH offer superior strength without excessive weight. CNC machining allows for precise fabrication of lightweight yet robust components such as engine brackets, suspension parts, and transmission components, reducing overall vehicle mass while maintaining critical load-bearing capacity.

Corrosion Resistance for Longevity

Automotive parts exposed to harsh environments (e.g., salt, moisture, chemicals) benefit from stainless steel's inherent corrosion resistance. CNC-machined stainless steel components, such as exhaust systems, fuel injectors, and brake components, resist rust and degradation, extending service life and reducing maintenance costs.

Precision Engineering for Optimal Performance

CNC machining ensures tight tolerances and exact geometries, critical for automotive applications like gearboxes, crankshafts, and valve components. This precision enhances efficiency, reduces wear, and ensures seamless integration with other vehicle systems, improving overall performance.

Thermal Stability Under Extreme Conditions

Stainless steel retains its mechanical properties at high temperatures, making it ideal for engine components, turbochargers, and exhaust manifolds. CNC-machined stainless steel parts withstand thermal stress without warping or failing, ensuring reliability in demanding operating conditions.

Factory Show

Factory Equipment



WEDM



Milling Machine



CNC Wire Cut



Coordinate measuring machine



CNC Bending Machine



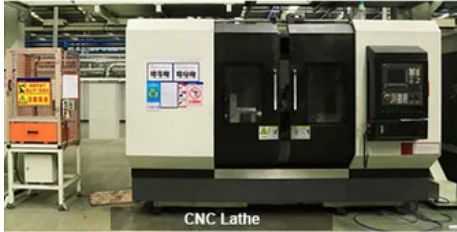
Hydraulic Press Machine



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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