



Precision-Engineered Stainless Steel CNC Components for Automotive Transmission Systems Requiring 1000+ Hour Salt Spray Corrosion Resistance

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-090
- 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 Before Shipment, 100% Full Inspection



More Images



Product Description

What We Can Provide

Precision-Engineered Stainless Steel CNC Components for Automotive Transmission Systems Requiring 1000+ Hour Salt Spray Corrosion Resistance

Description of Precision-Engineered Stainless Steel CNC Components for Automotive Transmission Systems Requiring 1000+ Hour Salt Spray Corrosion Resistance

Precision-Engineered Stainless Steel CNC Components for Automotive Transmission Systems Requiring 1000+ Hour Salt Spray Corrosion Resistance are high-precision parts fabricated via advanced CNC machining from corrosion-resistant stainless steel alloys (e.g., 316L or 17-4 PH). Designed specifically for automotive transmission systems, these components undergo rigorous salt spray testing to ensure they withstand over 1,000 hours of exposure to corrosive environments like road salt, moisture, and chemical contaminants. The precision engineering guarantees tight tolerances ($\pm 0.005\text{mm}$ or finer), optimal fit, and smooth operation within transmission assemblies, while the stainless steel material provides inherent strength, wear resistance, and thermal stability. This combination ensures reliability under extreme mechanical stress, temperature fluctuations, and vibrational loads typical in automotive applications.

Specification of Precision-Engineered Stainless Steel CNC Components for Automotive Transmission Systems Requiring 1000+ Hour Salt Spray Corrosion Resistance

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/Stands	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 Precision-Engineered Stainless Steel CNC Components for Automotive Transmission Systems Requiring 1000+ Hour Salt Spray Corrosion Resistance

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

Exceptional Corrosion Resistance: The 1,000+ hour salt spray rating ensures long-term protection against rust, degradation, and failure in corrosive environments (e.g., winter road salt, humid climates), extending component lifespan and reducing maintenance costs.

High Precision & Performance: CNC machining enables micro-level accuracy, ensuring seamless integration within transmission systems, minimizing friction/wear, and optimizing power transfer efficiency for smoother gear shifts and improved fuel economy.

Enhanced Durability & Strength: Stainless steel's high tensile strength and fatigue resistance allow the components to endure high torque, shock loads, and repetitive stress without deformation or cracking, critical for transmission reliability.

Thermal & Environmental Stability: The material and machining process ensure stability across a wide temperature range (-

40°C to 300°C) and resistance to thermal expansion/contraction, preventing warping or dimensional changes that could compromise performance in extreme driving conditions.

Factory Show

Factory Equipment



WEDM



Milling Machine



CNC Wire Cut



Coordinate measuring machine



CNC Bending Machine



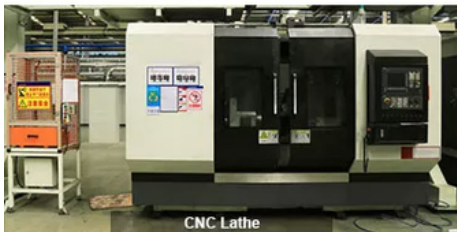
Hydraulic Press Machine



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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