



Surface Finish Mastery Polishing Plating and Bead Blasting for Stainless CNC Components

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-088
- 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

Surface Finish Mastery Polishing Plating and Bead Blasting for Stainless CNC Components

Description of Surface Finish Mastery Polishing Plating and Bead Blasting for Stainless CNC Components

This refers to the expertise in optimizing the surface quality of stainless steel CNC-machined components through advanced finishing techniques. Each method—polishing, plating, and bead blasting—serves distinct purposes, from enhancing aesthetics to improving corrosion resistance, wear durability, or biocompatibility. By mastering these processes, manufacturers ensure that stainless CNC parts meet the functional, regulatory, and visual demands of industries like aerospace, medical, automotive, and industrial machinery.

Specification of Surface Finish Mastery Polishing Plating and Bead Blasting for Stainless CNC Components

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 Surface Finish Mastery Polishing Plating and Bead Blasting for Stainless CNC Components

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

1. Enhanced Corrosion Resistance

Polishing and passivation remove contaminants and create a passive oxide layer, extending part lifespan in harsh environments (e.g., marine, chemical processing).

Plating (e.g., nickel) adds a sacrificial barrier against oxidation.

2. Improved Functional Performance

Bead blasting increases surface friction for better grip in tools or handles.

Electropolishing reduces microbial adhesion, critical for medical and food-grade parts.

3. Regulatory Compliance and Safety

Polished/passivated finishes meet FDA, USDA, or ASTM standards for hygiene in medical and food equipment.

Plating (e.g., RoHS-compliant coatings) ensures environmental and safety compliance.

4. Aesthetic Customization for Branding

High-gloss polishing or chrome plating elevates product appeal in consumer goods.

Matte bead-blasted finishes offer a modern, industrial look for electronics or machinery.

Factory Show

Factory Equipment



WEDM



Milling Machine



CNC Wire Cut



Coordinate measuring machine



CNC Bending Machine



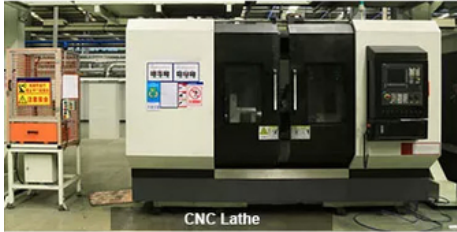
Hydraulic Press Machine



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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