



High-Precision Stamped Components Supplier Achieving Tight Tolerances for Critical Applications

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: PMS-XG-080
- 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: 50000 pcs per week



Product Specification

- Material: Copper, Stainless Steel, Aluminum, Brass, Etc.
- Surface Treatment: Hot Galvanized, Zinc Plating, Nickel Plating, Powder Plating, Anodize
- Process: Stamping, Punching, Bending, Punching Of Stamping Blanks, Stamping + CNC
- Application: Construction, Industrial, Used Widely Industry Auto, Mechanical Equipment, Auto Parts
- 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
- Oem: Available
- Quality: ISO9001
- Keywords: Custom Stamping Metal
- Packing: As Customers' Requirement



More Images



Product Description

What We Can Provide

High-Precision Stamped Components Supplier Achieving Tight Tolerances for Critical Applications

Description of High-Precision Stamped Components Supplier Achieving Tight Tolerances for Critical Applications

We specialize in manufacturing high-precision stamped components designed for critical applications in industries such as aerospace, automotive, medical devices, and industrial automation. By leveraging advanced stamping technologies, precision tooling, and rigorous quality control, the supplier ensures that each component meets ultra-tight tolerances (often ± 0.001 mm or better) to guarantee optimal performance in demanding environments.

Specification of High-Precision Stamped Components Supplier Achieving Tight Tolerances for Critical Applications

| | |
|-------------------|--|
| Name | Custom OEM Laser Cutting Sheet Metal Fabrication Services Copper Stainless Steel Anodised Aluminum Metal Stamping bending Parts |
| Material | Zn-plating, Ni-plating, Cr-plating, Tin-plating, copper-plating, the wreath oxygen resin spraying, the heat disposing, hot-dip galvanizing, black oxide coating, painting, powdering, color zinc-plated, blue black zinc-plated, rust preventive oil, titanium alloy galvanized, silver plating, plastic, electroplating, anodizing etc. |
| Applications | Automotive, instrument, electrical equipment, household appliances, furniture, mechanical equipment, daily living equipment, electronic sports equipment, light industry products, sanitation machinery, market/ hotel equipment supplies, artware etc. |
| Packaging | Regular: Paper, Foam, OPP bag, Carton; Other: According to customers' requirements |
| Testing Equipment | Projecting apparatus, Salt Spray Test, Durometer, and Coating thickness tester |
| Tolerance | ± 0.01 - 0.05 mm |
| Drawing | JPG, PDF, CAD, DWG, STP, STEP |

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 High-Precision Stamped Components Supplier Achieving Tight Tolerances for Critical 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

Why Choose Us

Advantages

Ultra-Tight Tolerances for Critical Performance

Achieves precision levels as fine as ± 0.0005 inches (± 0.0127 mm) using advanced stamping presses and laser-guided tooling. Ensures components fit seamlessly in assemblies, reducing friction, wear, and failure risks in high-stress applications.

Material Versatility & Performance Optimization

Works with a wide range of materials, including high-strength alloys, stainless steel, titanium, and specialized composites. Selects materials based on application requirements (e.g., corrosion resistance, thermal stability, weight reduction) to enhance durability.

Reduced Lead Times & Cost Efficiency

Streamlines production through automated stamping lines and in-house tooling fabrication, cutting lead times by up to 30%. Minimizes waste and rework, lowering overall costs while maintaining superior quality.

Comprehensive Quality Assurance & Traceability

Implements real-time SPC (Statistical Process Control) and CMM (Coordinate Measuring Machine) inspections to ensure

Provides full material traceability and certification (e.g., MIL-STD, NADCAP) for compliance in regulated industries.



Multiplex Machines

**Professional machines, skillful workers,
guarantee the quality and lead time.**



Strictly Confidential

**We will protect the customers' design
and the customer can request a
confidentiality agreement**

Quality Inspection

We have a strict quality inspection process to ensure the quality of our products

Stainless Steel Material

Material:

Stainless Steel 201
Stainless Steel 430
Stainless Steel 304
Stainless Steel 316

Finish:

Mirror Polishing
Brush Polishing
Electro Polishing
Vibration Polishing



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.



Shenzhen Xianheng Technology Co.,Ltd

0086-13682614486

shawn@xianheng-tech.com

cnc-metalmachining.com

Room 8-1409, Xingji jiaoyuan building 8-9#, HongXing community, Songgang street, Bao'an District, Shenzhen City China

