# Stainless Steel Precision Metal Stamping Parts with Laser Cutting Components for Corrosion Resistance and Smooth Finishes

Our Product Introduction

## Basic Information

- Place of Origin: Shenzhen China
- Brand Name: Xianheng
- Certification: ISO9001:2015
- Model Number: PMS-XG-066
- 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

Our Product Introduction

for more products please visit us on cnc-metalmachining.com

## Product Description

## What We Can Provide

Stainless Steel Precision Metal Stamping Parts with Laser Cutting Components for Corrosion Resistance and Smooth Finishes

**Description of Stainless Steel Precision Metal Stamping Parts with Laser Cutting Components for Corrosion Resistance and Smooth Finishes**

Stainless steel precision metal stamping parts enhanced with laser-cut components are engineered to meet stringent requirements for durability, dimensional accuracy, and surface quality. These parts leverage the corrosion-resistant properties of stainless steel (e.g., 304, 316 grades) while incorporating laser cutting technology to achieve intricate designs, sharp edges, and minimal material distortion. The combination of precision stamping and laser processing ensures high-performance components ideal for industries such as automotive, aerospace, medical devices, and electronics, where reliability and aesthetic appeal are critical.

**Specification of Stainless Steel Precision Metal Stamping Parts with Laser Cutting Components for Corrosion Resistance and Smooth Finishes**

| | |
|---|---|
| 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 | ±0.01-0.05mm |
| 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 Stainless Steel Precision Metal Stamping Parts with Laser Cutting Components for Corrosion Resistance and Smooth Finishes**

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**

**Exceptional Corrosion Resistance**
Stainless steel's chromium content forms a passive oxide layer that shields the surface from rust, chemicals, and environmental degradation. Laser cutting minimizes heat input, reducing the risk of altering the material's microstructure and preserving its anti-corrosive properties. This makes the parts suitable for harsh environments, including marine, chemical, and high-humidity applications.

**Superior Surface Finish and Edge Quality**
Laser cutting produces clean, burr-free edges without mechanical force, eliminating the need for extensive post-processing. When paired with precision stamping, the parts achieve a smooth, uniform finish (Ra ≤ 0.4 μm), reducing friction, enhancing

cleanability, and improving visual appeal—critical for medical instruments, food equipment, and architectural components.

**High Precision and Design Flexibility**
Laser cutting enables the fabrication of complex geometries, such as micro-perforations, tight radii, and intricate patterns, with tolerances as tight as ±0.01 mm. Precision stamping ensures consistent replication of these features across mass production, allowing for customization without compromising structural integrity or performance.

**Cost-Effective Manufacturing with Reduced Waste**
The non-contact nature of laser cutting minimizes material waste and tool wear, lowering production costs. Precision stamping further optimizes material usage by nesting parts efficiently on metal sheets. Additionally, the elimination of secondary finishing operations (e.g., deburring, grinding) reduces lead times and labor expenses, making these parts both economical and eco-friendly.

## Multipe 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**


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

**Shenzhen Xianheng Technology Co.,Ltd**

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