



## 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-064
- 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



for more products please visit us on [cnc-metalmachining.com](http://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 integrated with laser-cut components are engineered to deliver exceptional corrosion resistance and ultra-smooth surface finishes, making them ideal for demanding applications in automotive, aerospace, medical, and industrial sectors. By combining precision stamping with laser cutting technology, these parts achieve tight tolerances, intricate geometries, and flawless surface quality while maintaining the inherent durability of stainless steel.

#### 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

##### 1. Superior Corrosion Resistance

Stainless steel grades (e.g., 304, 316) used in these parts contain chromium, which forms a passive oxide layer that protects against rust, oxidation, and chemical degradation. Laser cutting minimizes heat-affected zones (HAZ), preserving the material's corrosion-resistant properties, while precision stamping ensures uniform thickness and structural integrity.

##### 2. Ultra-Smooth Surface Finishes

Laser cutting produces clean, burr-free edges with minimal post-processing, eliminating the need for secondary grinding or polishing. When combined with precision stamping, parts achieve a mirror-like finish ( $Ra \leq 0.8 \mu m$ ), reducing friction, enhancing aesthetics, and facilitating easy cleaning in sanitary applications.

##### 3. High Precision and Complex Geometries

Laser cutting enables the fabrication of intricate features, such as micro-holes, sharp corners, and fine contours, with tolerances as tight as  $\pm 0.005$  mm. Precision stamping complements this by maintaining dimensional accuracy across large production runs, ensuring consistent part-to-part quality.

#### 4. Enhanced Durability and Longevity

The non-contact nature of laser cutting prevents mechanical stress or deformation, while precision stamping ensures uniform material distribution for optimal strength-to-weight ratios. These parts withstand harsh environments, including extreme temperatures, pressure, and abrasive conditions, without compromising performance.



### Multiple Machines

5-Axis CNC & Imp Professional machines, skillful workers, machines, skillful with accuracy of guarantee the quality and lead time. Free fast 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.



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