

EPS Motor Steel Housing for Automotive Steering

High-precision steel housing designed for EPS motors. It provides robust protection and precise alignment for internal motor components, ensuring optimal performance and durability in automotive steering systems.



Product Overview

Precision EPS Motor Housing

This high-precision steel housing is specifically engineered for Electric Power Steering (EPS) motor assemblies. It provides robust protection and ensures precise alignment for internal motor components, which is critical for the reliable performance of automotive steering systems. Manufactured using advanced stamping and deep drawing techniques, this housing offers superior strength and durability to withstand the rigorous demands of automotive applications.

Technical Capabilities

Stamping & Forming Processes

Deep Drawing, Extruding, Piercing, Coining, Reverse Burring, Blanking, Forming, Embossing

Manufacturing Equipment

Equipment Inventory

| Equipment Type | Quantity |
|-------------------------------|----------|
| 16T-60T Punching Press | 16 |
| 45T Multi-station Punch Press | 16 |
| 160T Precision Press | 3 |
| 15T-80T High-speed Press | 8 |
| 5T-200T Punching Press | 24 |

Application

Compatible Applications

- Automobile Sensor Signal Wheels
- Shock Absorber Signal Wheels
- Automobile Engine Signal Wheels
- Lithium-ion Battery Housing
- Electron Gun Metal Stamping
- Printer & Copier Components

Primary Use Case

Electric Power Steering (EPS) Motor Assembly