

Vehicle Front Axle Beam

Front axle beams are designed for medium, heavy, and light trucks, buses, and Hino/Fuso/Nissan UD series trucks. These essential components of the steering system provide reliable support and control for various vehicle applications.



ADDITIONAL IMAGES



Product Overview

Precision Engineered Axle Components

These heavy-duty front axle beams are engineered to provide exceptional load-bearing support and reliable steering control for medium to heavy commercial vehicles. Manufactured using advanced forging and heat treatment processes, each unit is designed for maximum structural integrity under demanding operating conditions. The product range covers various vehicle types, including trucks and buses, ensuring compatibility with diverse performance requirements.

Manufacturing Specifications

Key Manufacturing Equipment

- 8000 ton double disk friction presses
- 1600 ton high power screw presses
- Roll-forging machines
- KUKA robotic integration
- Medium frequency induction heating units

Production Flow

Forging, Heat Treatment, Induction Heating, Magnetic Powder Inspection, Machining, Painting

Quality and Standards

Testing & Inspection

- Fluorescent magnetic particle flaw detection
- Quenching and tempering heat treatment
- Precision machining finish

Application Compatibility

Supported Vehicles

Medium Trucks • Heavy Trucks • Light Trucks • Buses

Available Components

- Front Axle Beam
- Balance Shaft (Trunnion)