

# 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)