

# Forged Stainless Steel Solid Shaft Axle

These stainless steel axles are manufactured using a precision forging process. The forging process ensures high strength, durability, and corrosion resistance, making them suitable for heavy machinery, automotive, and industrial equipment.



## Product Overview

### High-Performance Forged Shaft Solutions

These customized stainless steel solid shaft axles are engineered for demanding industrial applications requiring exceptional strength and corrosion resistance. Utilizing a precision forging process, these components benefit from optimized grain flow and superior material integrity compared to standard machined parts. Designed for use in heavy machinery, automotive, and industrial equipment, they provide a durable and reliable solution for high-stress environments.

### Related Forged Components

- Forged Gears & Wheels
- Turbines & Cylinders
- Piston Rods
- Flanges & Couplings
- Sleeves & Sprockets
- Vessel Components

## Technical Capabilities

### Machining Dimensions

Dimension Type	Minimum Size	Maximum Size
Diameter x Length	‡ 100mm x 20mm	‡ 1200mm x 6000mm

### Forging Advantage

Ensures optimal grain flow and superior mechanical properties over traditional machining.

## Manufacturing Details

### Production Capacity

**7000 tons**

Annual Capacity

**10 M USD**

Annual Output

### Workshop Equipment

- 5 & 3 Ton Hydraulic Hammers
- 750 & 400 Air Hammers
- CNC Machining Centers
- CNC Lathes
- Sawing and Milling Machines
- Planer and Drilling Machines

## Materials & Processing

### Available Materials

Stainless Steel, Carbon Steel, High-Speed Steel, Die Steel, High-Temperature Alloy Steel, Copper, Aluminum, Low-Carbon Alloy

## Quality & Standards

### Quality Certifications

GB16949 • CAQ Certified