

# Forged Steel Trunnion Mounted Ball Valve

This ball valve conforms to BS 5351 standards. It is constructed from forged steel and alloy steel, and the trunnion mounting provides stability and reduces torque.



## Product Overview

### High-Performance Forged Steel Trunnion Ball Valve

This trunnion mounted ball valve is engineered for high-pressure and high-temperature applications across the oil, gas, and chemical processing industries. Featuring a robust forged steel body and a trunnion-mounted design, it ensures increased stability, reduced operating torque, and an extended service life. The valve is designed for easy maintenance and provides a reliable, durable shut-off solution for critical industrial processes.

## Key Performance Metrics

### Core Specifications

**2 inch**

Minimum Size

**42 inch**

Maximum Size

**2500 LB**

Max Pressure Class

## Design Features

### Construction Design

Side Entry, Top Entry, Two-Piece Design, Three-Piece Design, Full Bore, Reduced Bore

## Safety & Reliability

### Safety Features

- Anti-static Device
- Blow-out Proof Stem
- Fire Safe Design
- Trunnion Mounting for Smooth Operation

## Technical Standards

### Compliance & Standards

Category	Standard
Design	ASME B16.34 / BS 5351 / API 6D
Face to Face	ASME B16.10
End Flange	ASME B16.5
Butt Weld (BW) End	ASME B16.25
Testing	API 598
Special Requirement	NACE MR-01-75

## Material Specifications

### Available Materials

A105 • LF2 • F9 • F11 • F22 • F304 • F304L • F316 • F316L • F321 • F51 • Alloy Steel

## Operating Range

### Pressure Rating

Class 150LB - 2500LB