

# Global Forged High-Pressure Trunnion Ball Valve Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G9274E4CF885EN.html>

Date: January 2026

Pages: 150

Price: US\$ 4,480.00 (Single User License)

ID: G9274E4CF885EN

## Abstracts

The global Forged High-Pressure Trunnion Ball Valve market size is expected to reach \$ 2501 million by 2032, rising at a market growth of 5.5% CAGR during the forecast period (2026-2032).

In 2025, global sales of forged high-pressure trunnion ball valves across various applications reached approximately 478,000 units, with an average price of approximately USD 3,500 per unit and a gross profit margin of approximately 25%–31%. Forged high-pressure trunnion ball valves are heavy-duty ball valves used for shut-off and switching in medium and high-pressure pipelines. Their core structure consists of a forged steel valve body, a trunnion-supported ball, and a spring-loaded seat. Typical components include a forged steel valve body and cover (A105, LF2, F51/F53, etc.), upper/lower trunnions and ball assemblies (usually stainless steel or nickel-based alloy spray-welded/plated), a spring-loaded soft/metal seat, valve stem and stuffing box, fireproof and anti-static construction, a valve body drain/grease inlet, and a manual or matching gearbox/actuator connecting flange. Common parameters include: diameter range (NPS 2'–48'), pressure rating (Class 150–2500; API 3000/5000/10000; special applications are covered by dedicated structures), and operating temperature (?46~+200 ?, cryogenic LNG). (And high-temperature operating conditions are extended through material and sealing design), full-bore/reduced-bore structures are available, and the typical leakage level meets the API 598/ISO 5208 zero-leakage requirements. In terms of typical usage: a 1 million ton/year oil refinery or integrated refining and chemical unit typically has 50-200 forged steel trunnion ball valves (distributed in high-pressure shut-off, key valve positions at the top/bottom of the tower, and flare/venting systems); a 300-600 km long-distance natural gas pipeline project often uses 30-80 medium and large diameter trunnion ball valves arranged in stations, valve chambers, and distribution points; a key process area of ??an LNG

receiving terminal/liquefaction plant is usually equipped with 40-120 trunnion ball valves of different specifications. The upstream mainly relies on high-quality alloy steel and stainless steel billets for medium and heavy plates and forgings, forging and heat treatment capabilities, hardfacing/plating processes for spheres and valve seats, springs and sealing materials, and valve-specific testing and experimental equipment; the downstream focuses on long-distance oil and gas pipeline and station projects, EPC general contracting for oil refining and chemical plants, LNG liquefaction and receiving terminals, underground gas storage and salt cavern gas storage projects, as well as power plant and high-pressure process pipeline system integrators.

This report studies the global Forged High-Pressure Trunnion Ball Valve production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Forged High-Pressure Trunnion Ball Valve and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Forged High-Pressure Trunnion Ball Valve that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global Forged High-Pressure Trunnion Ball Valve total production and demand, 2021-2032, (K Units)

Global Forged High-Pressure Trunnion Ball Valve total production value, 2021-2032, (USD Million)

Global Forged High-Pressure Trunnion Ball Valve production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Forged High-Pressure Trunnion Ball Valve consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Forged High-Pressure Trunnion Ball Valve domestic production, consumption, key domestic manufacturers and share

Global Forged High-Pressure Trunnion Ball Valve production by manufacturer,

production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Forged High-Pressure Trunnion Ball Valve production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Forged High-Pressure Trunnion Ball Valve production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Forged High-Pressure Trunnion Ball Valve market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Warren Valve, Bonney Forge, Hartmann Valves, Flowserve, IMI PBM, Tiger Valve, CNC Flow Contro, JAG Valve, Bray, Camtech Manufacturing, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Forged High-Pressure Trunnion Ball Valve market

### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Forged High-Pressure Trunnion Ball Valve Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Forged High-Pressure Trunnion Ball Valve Market, Segmentation by Type:

2 Piece

3 Piece

Global Forged High-Pressure Trunnion Ball Valve Market, Segmentation by Port Size:

Full Bore

Reduced Bore

Global Forged High-Pressure Trunnion Ball Valve Market, Segmentation by Material Grade:

A105N

A182-F316 SS

A350-LF2

Others

Global Forged High-Pressure Trunnion Ball Valve Market, Segmentation by Application:

Chemical Industry

Water Treatment Industry

Others

Companies Profiled:

Warren Valve

Bonney Forge

Hartmann Valves

Flowserve

IMI PBM

Tiger Valve

CNC Flow Contro

JAG Valve

Bray

Camtech Manufacturing

GWC USA

Neway

BROEN

Convalve

SCV Valve

DHV Industries

LETE VALVE

New Dipper Valve

DBV VALVE

**Key Questions Answered:**

1. How big is the global Forged High-Pressure Trunnion Ball Valve market?
2. What is the demand of the global Forged High-Pressure Trunnion Ball Valve market?
3. What is the year over year growth of the global Forged High-Pressure Trunnion Ball Valve market?
4. What is the production and production value of the global Forged High-Pressure Trunnion Ball Valve market?
5. Who are the key producers in the global Forged High-Pressure Trunnion Ball Valve market?
6. What are the growth factors driving the market demand?

## I would like to order

Product name: Global Forged High-Pressure Trunnion Ball Valve Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G9274E4CF885EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G9274E4CF885EN.html>