

VESTECH Stainless Steel Industrial Ball Valve

High-performance stainless steel ball valve engineered for reliable shut-off, long service life, and efficient flow control in demanding industrial environments.

The VESTECH Stainless Steel Industrial Ball Valve is a premium quarter-turn isolation valve designed for safe and efficient operation across a wide range of industrial applications. Manufactured from high-grade stainless steel, the valve delivers exceptional corrosion resistance, mechanical strength, and long-term reliability even in aggressive operating conditions.

Its full-port design minimizes pressure loss and ensures optimal flow efficiency, while the precision-machined ball and seats provide tight shut-off performance with low operating torque. The rugged construction makes it suitable for continuous operation in high-pressure and high-temperature systems.

Key Features

- Full-port flow design
- Quarter-turn fast operation
- High corrosion resistance
- Reliable bubble-tight sealing
- Industrial-grade durability
- Suitable for automation systems

Industries

- Oil & Gas
- Chemical Processing
- Power Generation
- Steam Systems
- Water Treatment
- Food & Beverage
- Petrochemical Plants

Connection Types

- Flanged
- Threaded BSP/NPT
- Socket Weld
- Butt Weld
- Tri-Clamp (optional)

Certifications & Standards

- API 6D
- API 608
- ASME B16.34
- EN 12516
- ISO 17292
- PED 2014/68/EU

Technical Specifications

Parameter	Specification
Body Material	ASTM A351 CF8M (316 Stainless Steel)
Ball Material	Stainless Steel 316
Stem Material	Stainless Steel 316
Seat Material	PTFE / Reinforced PTFE
Pressure Rating	PN16 / PN25 / PN40 / ANSI 150-300
Maximum Pressure	Up to 40 bar
Temperature Range	-20°C to +180°C
Optional Temperature Range	Up to +220°C
Valve Sizes	DN15 – DN300 (1/2" – 12")

Applications

- Isolation of industrial pipelines
- Steam distribution systems
- Process flow control
- Chemical transfer lines
- Compressed air systems
- Cooling and heating circuits
- Industrial utility networks
- Automated process installations