



Product Specification for Compression End (Instrument) Ball Valves

This specification covers the design of stainless steel, three-piece ball valves with compression ends.

- Valve shall be a three-piece, standard port design with a stainless steel body and a selection of seats to meet a broad range of fluid types, pressures and temperatures.
- Ends shall be “Compression Type” with Dual Ferrule.
- Valve ends shall be interchangeable with all of the common compression/tubing connectors.
- Stem seal shall be live-loaded using high-performance stainless steel disc springs. The design shall meet the testing criteria according to ISA-SP-93.
- Actuator attachment shall be by integral mounting surface as part of the valve center section to eliminate the use of pressure-containing body bolts for actuator mounting. Dimension and design as per ISO-5211.
- Manual lever-handle shall be stainless steel with vinyl grip.
- Product tagging shall be permanently affixed using spot welding or riveting.
- Ball and stem shall be stainless steel.
- Process-quality Instrument/Compression end ball valves shall be SVF Series “L8”

