

## ISO/API/ASME MANUFACTURING STANDARDS

ISO 15761 has been recently published as part of an international effort to standardize the products for petroleum and natural gas industries. The following table shows API and ASME equivalents which ISO has so far mirrored. Global Supply Line supplies and stocks valves to the following standards:

### DESIGN AND MANUFACTURING STANDARDS

ISO	API / ASME	Description
ISO 5208:1993		Pressure testing of valves - Industrial
ISO 5209:1977		Marking - General purpose industrial valves
ISO 5752:1982		Metal valves for use in flanged pipe systems - Face-to-face and centre-to-face dimensions
ISO 5996:1984		Cast iron gate valves
ISO 6002:1992		Bolted bonnet steel gate valves
ISO 7121:1986		Flanged steel ball valves
ISO 7259:1988		Key operated cast iron gate valves for underground use
ISO 10423:2003	API 6A	Wellhead and christmas tree equipment specification
ISO 10434:2004	API 600	Bolted bonnet steel gate valves for the petroleum, petrochemical and allied industries
ISO 10497:2004	API 607	Testing of valves - Fire type-test requirements (Fire Test for Soft-Seated Quarter-Turn Valves)
ISO 10631:1994		Metallic butterfly valves for general purposes
ISO 12149:1999		Bolted bonnet steel globe valves for general-purpose applications
ISO 14313	API 6D	Specification for Pipeline Valves
ISO 15156	NACE MR0175	NACE MR0175, Petroleum and natural gas industries - Materials for use in H <sub>2</sub> S-containing environments in oil and gas production
ISO 15761:2002	API 602 (Incorporates BS 5352)	Steel gate, globe and check valves for sizes DN100 and smaller, for the petroleum and natural gas industries
ISO 15848-1:2006		Industrial valves - Measurement, test and qualification procedures for fugitive emission Part 1: Classification system and qualification procedures for type testing of valves
ISO 17292:2004		Metal ball valves for petroleum, petrochemical and allied industries
	API 591	User Acceptance of Refinery Valves
	API 594	Check valves design standard (wafer type and cast BB swing check)
	API 598	Valve Inspection and Testing
	API 600	Steel Gate Valves
	API 602	Compact Carbon Steel Gate Valves
	API 603	Cast, Corrosion Resistant Gate Valves
	API 608	Metal Ball Valves - Flanged, Threaded and Buttwelding Ends (150 & 300)
	API 17D	Specification for Subsea Wellhead and Christmas Tree Equipment
	API 6FA	Specification for Fire Test for Valves
	API 622	Type Testing of Process Valve Packing for Fugitive Emissions
	ASME B16.34	Valves Flanged, Threaded, and Buttwelding End
	ASME B16.10	Face-to-Face and End-to-End Dimensions of Valves
	ASME B16.5	Pipe Flanges and Flanged Fittings
	ASME B16.25	Buttwelded Ends
	ASME B16.11	Forged Fittings, Socket Welding and Threaded