

Codes & Standards

CODES & STANDARDS

	ALC®	Basic-Check®	DLC®	DSV®	Excalibur®	FBC®	GLC® & GLC-Cast Iron	PDC®	Restrictor Check	SCV®	SCV-R®	Vacuum Breaker	WLC® & WLC-Cast Iron	Y-Calibur®
ANSI														
B1.1	X									X	X		X	
B1.20.1		X							X	X	X	X		
B16.5	X		X		X		X	X					X	X
B16.10			X		X			X						X
B16.20					X		X	X					X	
B16.25					X					X	X			X
B16.34	X		X		X	X	X	X		X	X		X	X
MSS														
SP-6	X		X		X	X	X	X					X	
SP-25	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SP-61	X		X	X	X	X	X (1)	X		X	X		X (1)	X
SP-125							X (2)						X (2)	
SP-126			X		X		X (3)	X		X	X		X (3)	X
SP-144														X
ASTM														
A126 CLASS B							X						X	
A216GR WCB	X				X		X	X					X	X
A351GR CF8M	X		X		X		X	X		X	X		X	X
API 6D*														
6FD							X (4)							
594	X													X (5)
PED	X				X		X (3)	X		X			X (3)	
3A				X										
CRN	X	X (6)	X		X	X	X	X	X (6)	X		X (6)	X	X
NACE	X (7)		X (7)		X (7)		X (7)	X (7)		X (7)	X (7)		X (7)	X (7)

ANSI B1.1	Unified Inch Screw Threads	ASTM A126	CLASS B Grey Iron Castings
ANSI B1.20.1	Pipe Threads, General Purpose	ASTM A216 GR WCB	Carbon Steel Castings
ANSI 16.5	Pipe Flanges & Flanged Fittings.	ASTM A351 GR CF8M	Austenitic Steel Castings
ANSI 16.10	Face-to-Face & End-to-End Dimensions of Valves	API 6D	Pipeline Valves; Gate Valves; Plug Valves; Ball Valves; Check Valves
ANSI 16.20	Ring-Joint Gaskets & Grooves for Steel Pipe Flanges	API 6FD	Fire Test for Check Valves
ANSI 16.25	Buttwelding Ends	API 594	Wafer & Wafer-Lug Check Valves
ANSI 16.34	Valves - Flanged, Threaded & Welding Ends	PED	Pressure Equipment Directive #97/23/EC
MSS SP-6	Standard finishes for contact faces of pipe flanges and connecting end flanges of valves & fittings	3A	Standard 58-01: Vacuum Breakers and Check Valves
MSS SP-25	Standard marking system for valves, fittings, flanges and unions	CRN	Canadian Registration Number
MSS SP-61	Pressure testing of steel valves		
MSS SP-125	Grey Iron & Ductile Iron In-Line Check Valves	NACE MR 0175/ISO 15156	Petroleum and Natural Gas Industries-Materials for use in H2S Containing Environments in Oil and Gas Production
MSS SP-126	Steel In-Line Spring-Assisted Center Guided Check Valves	NACE MR 0103-2003	Material resistant to sulfide stress cracking in corrosive petroleum refining environments
MSS SP-144	Pressure Seal Bonnet Valves		

Notes: 1. Class 125 and 250 Cast Iron valves are leak tested in accordance with AWWA.
2. Cast Iron Valves only.

3. Except Cast Iron Valves.
4. ASME Class 150 & 300, 2" to 24" only
5. ANSI Class 600 RF and 900/1500 RF valves meet face-to-face dimensions.

6. Contact DFT for acceptable materials.
7. Contact DFT for NACE.
* Contact DFT for current codes and standards.