

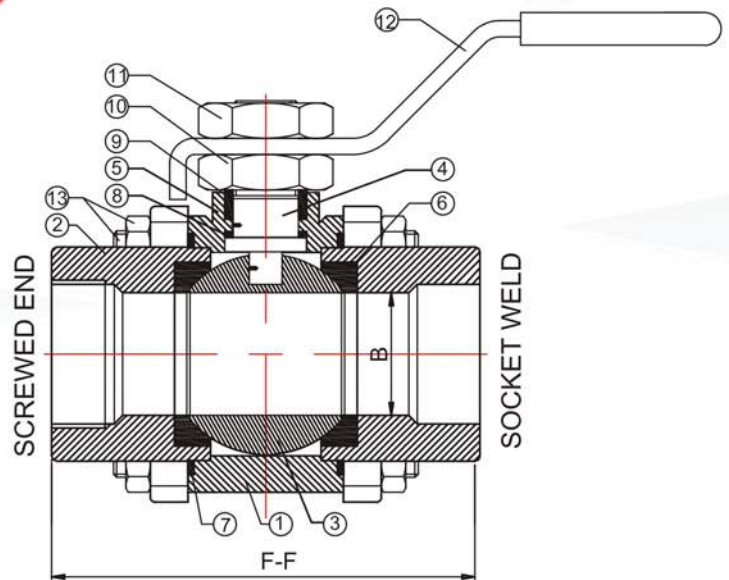
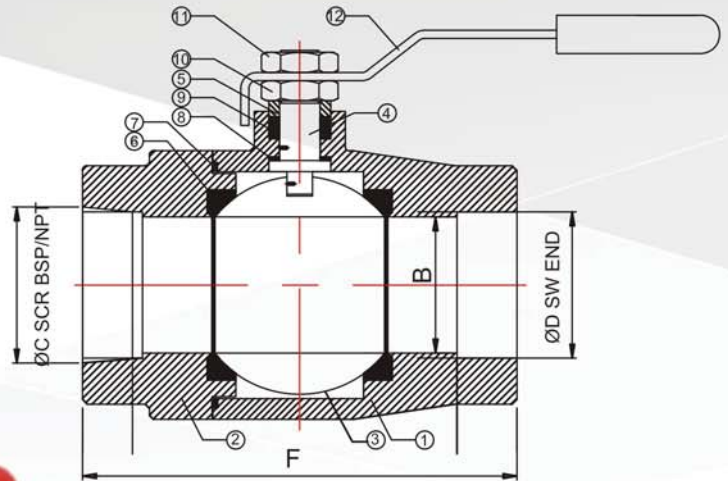
# 1 / 3 PC SCREWED END BALL VALVE



1 PC Design



3 PC Design



## PRODUCT RANGE

<b>Size</b>	15 mm - 50 mm
<b>Material</b>	Cast Steel - ASTM A216 Gr. WCB SS304 - ASTM A351 Gr. CF8 SS316 - ASTM A351 Gr. CF8M
<b>End Connection</b>	Screwed BSP/NPT/Socket Weld

## APPLICABLE STANDARDS

<b>Design Standard</b>	BS EN ISO 17292 (BS 5351)
<b>Pressure Temp Rating</b>	ASME B16.34
<b>Face to Face</b>	Mfg Std.
<b>Butt Weld Ends</b>	ASME B16.25
<b>Screwed End</b>	ANSI B2.1 / ASME B 16.11
<b>Socket Weld</b>	ASME B 16.11
<b>Testing Standard</b>	API 598 / EN 12266-1(BS 6755 -I)

## DESIGN FEATURES

- 1 Pc / 3 Pc Design
- Full Bore / Reduce Bore Design
- Blow-out Proof Stem
- Anti Static Device
- Cast / Forged Body
- Locking Arrangement
- ISO 5211 Mounting Pad
- Low Operating Torque
- Extended Stem (on request)

## AVAILABLE MODIFICATION

- Forged Steel Body (A105)
- Pressure Rating - 800#

TEST PRESSURE			
Rating	Body	Seat	Pneumatic
150#	32 kg./cm <sup>2</sup>	23 kg./cm <sup>2</sup>	7 kg./cm <sup>2</sup>
800#	211 kg./cm <sup>2</sup>	153 kg./cm <sup>2</sup>	7 kg./cm <sup>2</sup>

P. NO.	PART NAME	MATERIAL		
		CAST STEEL	SS304	SS316
1	Body	A216 Gr. WCB	A351 Gr. CF8	A351 Gr. CF8M
2	Side Piece	A216 Gr. WCB	A351 Gr. CF8	A351 Gr. CF8M
3	Ball	SS304 / CF8	SS304 / CF8	SS316 / CF8M
4	Stem	AISI 304	AISI 304	AISI 316
5	Gland	AISI 304	AISI 304	AISI 316
6	Seat	PTFE / GFT		
7	Body Gasket	PTFE		
8	Stem Packing	PTFE		
9	Gland Packing	PTFE		
10	Gland Nut	CS	SS	SS
11	Stem Nut	CS	SS	SS
12	Handle	CS	SS	SS
13	Studs & Nuts	A193 Gr. B7-2H	SS 304	A193 Gr. B8M-8M

1 Pc / 3 Pc BALL VALVE SCREWED END			
SIZE	F-F Dist	BORE (FB)	BORE (RB)
15 mm	65	13	11
20 mm	75	19	13
25 mm	85	25	19
40 mm	110	38	32
50 mm	124	50	38