

# BALL VALVES

**DIRECT MOUNTING PAD**



## 1-PC REDUCED PORT BALL VALVE



- INVESTMENT CASTING
- 800/1000/2000 PSI
- MATERIAL: ASTM-A351-CF8M (S.S. 316),(1.4408)  
ASTM-A351-CF8 (S.S. 304),(1.4301)  
ASTM-A216-WCB (CARBON STEEL),(1.1191)
- PIPE THREAD IN ACCORDANCE WITH ANSI B2.1, BS21, DIN259/2999, ISO228
- LOCKING DEVICE, DIRECT MOUNTING PAD FOR ISO5211
- SIZE: 1/4"-2"

## 2-PC FULL/REDUCED PORT BALL VALVE

- INVESTMENT CASTING
- 800/1000/2000PSI
- MATERIAL: ASTM-A351-CF8M (S.S. 316),(1.4408)  
ASTM-A351-CF8 (S.S. 304),(1.4301)  
ASTM-A216-WCB (CARBON STEEL),(1.1191)
- PIPE THREAD IN ACCORDANCE WITH ANSI B2.1, BS21, DIN259/2999, ISO228
- LOCKING DEVICE, MOUNTING PAD FOR ISO5211
- SIZE: 1/4"-4"

**DIRECT MOUNTING PAD**



BT-V2MH

BT-V22



**DIRECT MOUNTING PAD**

BT-V3MH

BT-V31

BT-V33



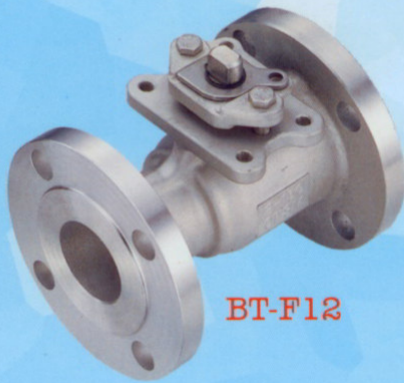
## 3-PC FULL/REDUCED PORT BALL VALVE

- INVESTMENT CASTING
- 800/1000/2000PSI
- MATERIAL: ASTM-A351-CF8M (S.S. 316),(1.4408)  
ASTM-A351-CF8 (S.S. 304),(1.4301)  
ASTM-A216-WCB (CARBON STEEL),(1.1191)
- PIPE THREAD IN ACCORDANCE WITH ANSI B2.1, BS21, DIN259/2999, ISO228
- BUTT WELD END CAP FOR ANSI B16.25 DIN3239/PT1  
SOCKET WELD END CAP FOR ANSI B16.11, DIN 3239/PT2
- LOCKING DEVICE, MOUNTING PAD FOR ISO5211
- SIZE: 1/4"-4"

BT-V3WH



**BT-F11**



**BT-F12**

### 1-PC REDUCED PORT / FULL BORE BALL VALVE, FLANGED END

- 150LBS/PN16
- MATERIAL: ASTM-A351-CF8M (S.S. 316),(1.4408)  
ASTM-A351-CF8 (S.S. 304),(1.4301)  
ASTM-A216-WCB (CARBON STEEL),(1.1191)
- FLANGE: ANSI B16.5. CLASS 150/DIN2633 PN16
- FACE TO FACE: ANSI B16.10
- ANTI-STATIC DEVICE, FIRE SAFE DESIGN
- MOUNTING PAD FOR ISO5211
- SIZE: 1/2"-6"

### 2-PC FULL BORE BALL VALVE, FLANGED END

- 150LBS/300LBS/PN16/PN40
- MATERIAL: ASTM-A351-CF8M (S.S. 316),(1.4408)  
ASTM-A351-CF8 (S.S. 304),(1.4301)  
ASTM-A216-WCB (CARBON STEEL),(1.1191)
- FLANGE ANSI B16.5 CLASS 150/300, DIN2633 PN16, DIN2635 PN40
- FACE TO FACE: ANSI B16.10, DIN 3202 F1/F4/F5
- ANTI-STATIC DEVICE, FIRE SAFE DESIGN
- SIZE: 1/2"-12"



**BT-V2FMH**



**BT-F211**

### 3-PC FULL PORT BALL VALVE, FLANGED END

- PN16 / PN40
- MATERIAL: ASTM-A351-CF8M (S.S. 316),(1.4408)  
ASTM-A351-CF8 (S.S. 304),(1.4301)  
ASTM-A216-WCB (CARBON STEEL),(1.1191)
- FLANGE IN ACCORDANCE WITH DIN2635 PN40/16
- FACE TO FACE: DIN3202 F1
- LOCKING DEVICE, MOUNTING PAD FOR ISO5211
- SIZE: 1/2"-4"

**BT-F311**

### 3-WAY / 4-WAY FULL PORT BALL VALVE

- INVESTMENT CASTING
- 1000PSI
- MATERIAL: ASTM-A351-CF8M(S.S. 316),(1.4408)  
ASTM-A351-CF8(S.S.304),(1.4301)  
ASTM-A216-WCB(CARBON STEEL),(1.1191)
- PIPE THREAD IN ACCORDANCE WITH ANSI B2.1, BS21, DIN259/2999, ISO228
- LOCKING DEVICE, MOUNTING PAD FOR ISO5211
- SIZE: 1/4"-2"



**BT-V21**

**BT-V4W**

# INDUSTRIAL VALVES

**GATE, GLOBE, SWING CHECK, PISTON CHECK, WAFER CHECK, NEEDLE AND Y-STRAINER**

- INVESTMENT CASTING
- MATERIAL: ASTM-A351-CF8M(S.S. 316),(1.4408)
- PIPE THREAD IN ACCORDANCE WITH ANSI B2.1, BS21, DIN259/2999, ISO228
- SIZE: 1/4"-4"



BT-ND



BT-PC



BT-WC



BT-GA



BT-GL



BT-CK



BT-YS



BT-FGA

BT-FGL



BT-FCK



BT-FYS

**GATE, GLOBE, SWING CHECK, AND Y-STRAINER FLANGED END**

- MATERIAL: ASTM-A351-CF8M(S.S.316),(1.4408)  
ASTM-A351-CF8(S.S.304),(1.4301)  
ASTM-A216-WCB(CARBON STEEL),(1.1191)
- FLANGE: ANSI B16.5 CLASS 150/300, PN16, PN40, JIS B2212, JIS B2214
- FACE TO FACE: ANSI B16.10, JIS B2202
- SIZE: 1/2"-12"

**SANITARY BUTTERFLY AND BALL VALVE**

- HYGIENIC BUTTERFLY VALVE, FULLY MACHINED WITH STAINLESS STEEL HANDLE, 180 DEG, 5 POSITION.
- 3-PC SANITARY VALVE, CAVITY FILLED.
- END CAP: WELD, CLAMP, THREAD END
- MATERIAL: S.S. 304, S.S.316, S.S. 316L
- SIZE: 1/2"-4"



**BUTTERFLY VALVE**

- MATERIAL: BODY—CAST IRON; DISC—FCD45 / S.S. 304 / S.S.316  
SEAT—NBR / EPDM; STEM—S.S.410 / S.S.304 / S.S.316
- LEVER HANDLE OPERATING / WORM GEAR OPERATING
- FLANGE: ANSI B16.5 125/150PSI, DIN2501 PN10/PN16, JIS B2210 5K/10K/16K
- SIZE: 2"-26"

# FITTINGS



## SCREWED FITTINGS

- INVESTMENT CASTING
- 150PSI
- MATERIAL: S.S. 316, S.S. 304
- PIPE THREAD: ANSI B2.1, BS21, DIN259/2999
- SIZE: 1/4"-4"

## HIGH PRESSURE FITTINGS

- FORGED CASTING
- 3000/6000PSI
- DIMENSIONS ARE MADE CORRESPONDING TO B16.11-1996
- MATERIAL: ASTM A105, A350 LF2  
ASTM A182(F304, F304L, F316, F316L, F304H, F316H, F317L, F11, F22)
- THREAD AND SOCKET WELD
- SIZE: 1/8"-4"



## BUTT WELDING PIPE FITTINGS

- STAINLESS STEEL/CARBON STEEL
- ELBOW, TEE, REDUCER, CAPS AND STUD END
- DIMENSIONS ARE IN ACCORDANCE WITH ANSI B16.9, B16.28, MSS SP-43
- MATERIAL: ASTM A403/WP304L-W/WP316L-W
- WALL THICKNESS: ANSI B36.10, B36.19
- SIZE: 1/2"-24"

## SANITARY PIPE FITTINGS

- CLAMP FITTINGS, BUTT WELDING FITTINGS, UNION, ELBOW 90, ELBOW 45, CROSS, REDUCER.
- DIMENSION CONFORM TO BS, 3A, IDF, RJT, DIN, SMS STANDARD.
- MATERIAL: AISI 304/316/316L
- SIZE: 1"-4"



## FLANGES

- BLIND, WELDING NECK, SLIP-ON, SOCKET WELDING, LAP-JOINT THREAD
- 150LBS/300LBS/10K/20K
- DIMENSIONS ARE IN ACCORDANCE WITH MSS/JIS /ANSI STANDARD
- MATERIAL: S.S. 304, 316, 304L, 316L, WCB
- SIZE: 1/2"-14"