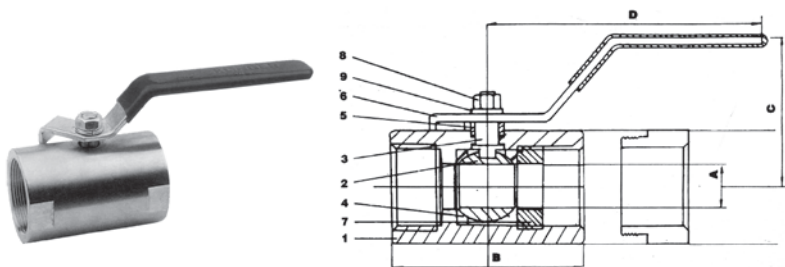




## BALL VALVES

### Type 101A/101C

#### Compact Barstock Reduced Bore Ball Valve



#### Features

- Pressure rating 1000 psi non-shock for water, oil and gas
- Temperature range -29°C to 232°C
- Glass reinforced P.T.F.E. seals and seats
- Stainless steel handle, plastic insulated
- 100% factory tested air underwater in open and closed position
- Hydrostatic test pressure 1500 psi
- Female/female thread - BSP.T, BSP.P, NPT
- Figure 101A : AISI 316 Stainless steel
- Figure 101C : S45C Carbon steel

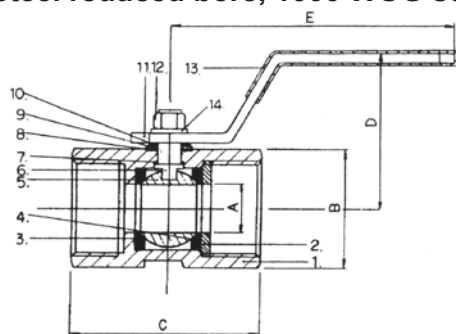
| Size | A  | B   | C  | D   |
|------|----|-----|----|-----|
| 8    | 10 | 60  | 51 | 108 |
| 10   | 10 | 60  | 51 | 108 |
| 15   | 10 | 60  | 52 | 108 |
| 20   | 13 | 67  | 55 | 118 |
| 25   | 17 | 76  | 59 | 118 |
| 32   | 22 | 90  | 66 | 134 |
| 40   | 25 | 98  | 73 | 150 |
| 50   | 32 | 112 | 78 | 175 |

| No | Part Name  | Material     |              |
|----|------------|--------------|--------------|
|    |            | Fig. 101A    | Fig. 101C    |
| 1  | Body       | AISI 316     | S45C         |
| 2  | Ball       | AISI 316     | AISI 304     |
| 3  | Stem       | AISI 316     | AISI 304     |
| 4  | Seal/Seat  | P.T.F.E      | P.T.F.E      |
| 5  | Gland ring | AISI 316     | AISI 304     |
| 6  | Handle     | SS41/304/316 | SS41/304/316 |
| 7  | Retainer   | AISI 316     | S45C         |
| 8  | Nut        | SS41/304     | SS41/304     |
| 9  | Ring       | AISI 316     | S45C         |
| 10 | Washer     | SS41/304     | SS41/304     |

## 1 PC BALL VALVE

### Type 111A

#### Stainless Steel reduced bore, 1000 WOG screwed ends



#### Features

- Pressure rating 1000 psi non-shock for water, oil and gas
- Temperature range 0°C to 204.4°C (0°F - 400°F)
- Glass reinforced P.T.F.E. seals and seats
- Stainless steel handle, plastic insulated
- 100% factory tested air underwater in open and closed position
- Female/female thread - BSP.T, BSP.P, NPT
- Can be applied in Chemical and Petrochemical Industries, Food Industries, Pharmaceutical Industries, Steam Power Plant.

| Size |       | A    | B    | C     | D    | E     |
|------|-------|------|------|-------|------|-------|
| mm   | inch  | mm   | mm   | mm    | mm   | mm    |
| 8    | 1/4   | 4.6  | 17.1 | 38.7  | 27.2 | 58.0  |
| 10   | 3/8   | 7.0  | 20.7 | 44.2  | 29.0 | 78.0  |
| 15   | 1/2   | 9.0  | 24.8 | 55.6  | 36.5 | 85.0  |
| 20   | 3/4   | 12.5 | 31.4 | 62.1  | 39.8 | 85.0  |
| 25   | 1     | 16.0 | 38.2 | 68.9  | 49.1 | 100.0 |
| 32   | 1.1/4 | 20.0 | 47.0 | 78.2  | 53.5 | 100.0 |
| 40   | 1.1/2 | 24.5 | 53.0 | 86.0  | 61.5 | 125.0 |
| 50   | 2     | 32.0 | 65.2 | 102.7 | 67.6 | 125.0 |

| No | Part Name                | Material       |
|----|--------------------------|----------------|
| 1  | Body                     | S/S316         |
| 2  | Seat Retainer            | S/S316         |
| 3  | Seat                     | PTFE + 15% G.F |
| 4  | Special Seat             | PTFE + 15% G.F |
| 5  | Ball                     | S/S316         |
| 6  | Stem                     | S/S316         |
| 7  | Gasket                   | PTFE + 15% G.F |
| 8  | Thin Gasket              | PTFE + 15% G.F |
| 9  | Flat Washer              | 420J1          |
| 10 | Belleville Spring Washer | 420J1          |
| 11 | Handle                   | S/S304         |
| 12 | Locking Nut              | S/S304         |
| 13 | Plastic Coating          | PVC            |
| 14 | Level Spring Washer      | S/S304         |

