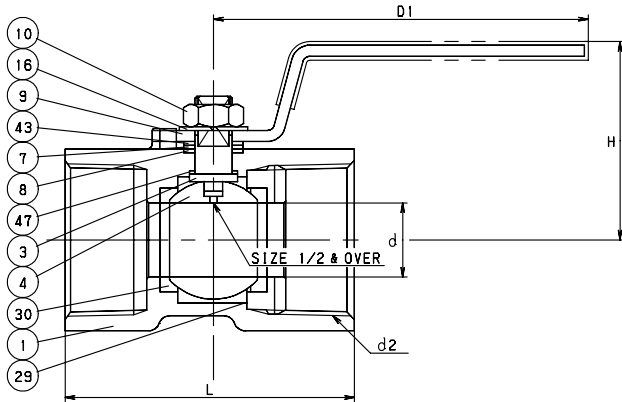


# CARBON STEEL BALL VALVE

One Piece Body • Reduced Port  
 G/F + PTFE Seats/Seals • Blowout Proof Stem  
 316 Stainless Steel Trim • Stainless Steel Lever Handle

## CODE # 50 (AKSCTK) THREADED



| STANDARDS      |              |
|----------------|--------------|
| END TO END     | KITZ         |
| THREADED ENDS  | ASME B1.20.1 |
| WALL THICKNESS | KITZ         |

| PRESSURE/TEMPERATURE                       |  |
|--|--|
| 150 PSI - SATURATED STEAM TO 366°F         |  |
| 600 PSI - NON-SHOCK COLD WATER, OIL OR GAS |  |

NOTE: PRESSURE/TEMPERATURE CHART - PAGE BV-38

| MATERIAL LIST |                  |  |
|---------------|------------------|--|
| NO.           | NAME OF PART     | SPECIFICATION                                    |
| 1             | BODY             | (1) CAST STEEL (A216 Gr. WCB)                    |
| 3             | STEM             | STAINLESS STEEL (A276 TYPE 316)                  |
| 4             | BALL             | STAINLESS STEEL (A276 TYPE 316)                  |
| 7             | GLAND            | STAINLESS STEEL (A276 TYPE 316)                  |
| 8             | GLAND PACKING    | G/F PTFE   |
| 9             | HANDLE           | (2) STAINLESS STEEL (A276 TYPE 430)              |
| 10            | SELF LOCKING NUT | CARBON STEEL                                     |
| 16            | SPRING WASHER    | CARBON STEEL                                     |
| 29            | INSERT           | STAINLESS STEEL (A276 TYPE 316 or A351 Gr. CF8M) |
| 30            | BALL SEATS       | G/F PTFE   |
| 43            | SPRING           | STAINLESS STEEL (A167 TYPE 304)                  |
| 47            | THRUST WASHER    | REINFORCED PTFE                                  |

NOTES: (1) PHOSPHATING  
 (2) WITH PLASTIC COVERING

| DIMENSIONS - WEIGHTS - QUANTITIES |      |      |      |      |                    |               |
|-----------------------------------|------|------|------|------|--------------------|---------------|
| d2<br>SIZE                        | d    | H    | D1   | L    | APPROX.<br>NET WT. | CARTON<br>QTY |
| 1/4                               | .18  | 1.22 | 2.36 | 1.54 | 22                 | 120           |
| 3/8                               | .28  | 1.42 | 2.76 | 1.73 | 26                 | 120           |
| 1/2                               | .36  | 1.61 | 3.35 | 2.22 | 51                 | 120           |
| 3/4                               | .49  | 1.73 | 3.35 | 2.32 | 61                 | 96            |
| 1                                 | .63  | 1.89 | 3.94 | 2.80 | 54                 | 54            |
| 1 1/4                             | .79  | 2.13 | 2.94 | 3.07 | 52                 | 32            |
| 1 1/2                             | .96  | 2.56 | 4.92 | 3.27 | 47                 | 24            |
| 2                                 | 1.26 | 4.92 | 3.94 | 3.94 | 52                 | 16            |

### SPECIFICATION

Approved valve shall have one piece carbon steel body, blowout proof stem, R-PTFE seats/seals, stainless steel trim, stainless steel lever handle and reduced port design. Valves shall be pressure rated to 150 WSP/600 WOG.

KITZ Code No. 50 (AKSCTK) Threaded Ends