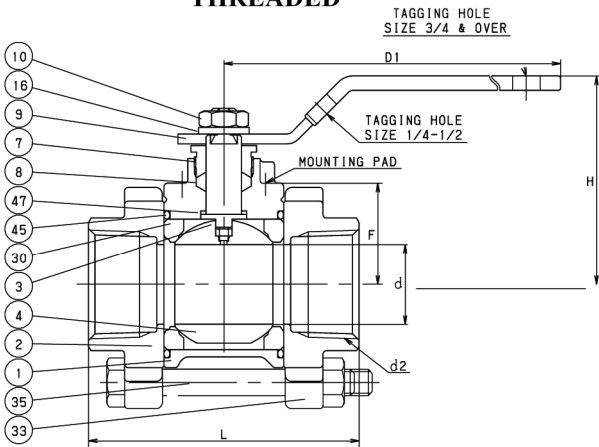


FORGED BRASS/CAST BRONZE BALL VALVE

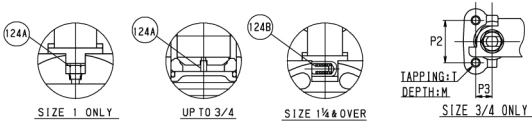
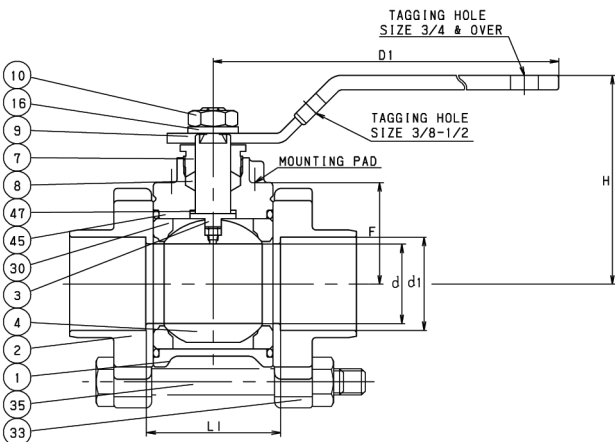
THREE PIECE BODY WITH MOUNTING PAD

Full Port • Blowout Proof Stem
 Chrome Plated Ball • PTFE Seats and Seals

CODE # 62 THREADED



CODE # 63 SOLDER*



*REFERENCE VALVE INSTALLATION TIPS FOR SOUND SOLDER JOINTS (PAGE BV-66) OR SEE INSTALLATION SHEET PACKAGED WITH VALVE.

SPECIFICATION

Approved valve shall have three piece forged brass body, blowout proof stem, PTFE seats/seals, chrome plated ball, and full port design. Valves shall be pressure rated to 150 WSP/600 WOG and conform to MSS-SP 110.

KITZ Code No. 62 Threaded Ends
 63 Soldered Ends

STANDARDS

| | |
|------------------------|--------------|
| END TO END | KITZ |
| THREADED ENDS | ANSI B1.20.1 |
| SOLDER JOINT ENDS | ANSI B16.18 |
| WALL THICKNESS | KITZ |
| CONFORMS TO MSS-SP 110 | |

PRESSURE/TEMPERATURE

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

NOTE: PRESSURE/TEMPERATURE CHART - PAGE BV-29

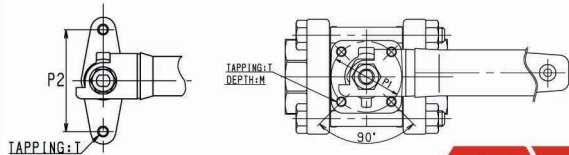
MATERIAL LIST

| NO. | NAME OF PART | SPECIFICATION |
|------|------------------------------|---|
| 1 | BODY (2 1/2") | FORGED BRASS (B283, C37700) |
| 2 | CAP | CAST BRONZE (B584, C84400) |
| 3 | STEM | FORGED BRASS (B283, C37700) |
| 4 | BALL | (1) SPECIAL BRASS (KITZ "K-METAL") (2) FORGED BRASS (B283, C37700) |
| 7 | GLAND | BRASS ROD (B16) |
| 8 | GLAND PACKING | PTFE |
| 9 | HANDLE | (3) CARBON STEEL |
| 10 | HANDLE NUT | CARBON STEEL |
| 16 | SPRING WASHER | CARBON STEEL |
| 30 | BALL SEAT | PTFE |
| 33 | CAP NUT | CARBON STEEL (A307 Gr. B) |
| 35 | CAP BOLT | CARBON STEEL (A307 Gr. B) |
| 45 | O-RING | FPM |
| 47 | THRUST WASHER | REINFORCED PTFE |
| 124A | SPRING (1/4"-1") | STAINLESS STEEL (A313, TYPE 316) |
| 124B | SPRING & PIN (1 1/4"-2 1/2") | STAINLESS STEEL (A313 & A276, TYPE 316) |

NOTES: (1) PROPRIETARY DEZINCIFICATION RESISTANT MATERIAL.
 (2) CR. PLATING
 (3) ELECTROPLATED ZINC WITH PLASTIC COVERING

DIMENSIONS - WEIGHTS - QUANTITIES

| d2 SIZE | d | H | D1 | L | L1 | L2 | P1/P | P2 | P3 | F | d1 | APPROX. CTN | NET WT. | QTY. |
|---------|------|------|------|------|------|------|------|------|-----|------|-------------|-------------|---------|------|
| | | | | | | | | | | | Max. Min. | | | |
| 1/4 | .39 | 1.54 | 3.23 | 1.93 | .96 | 1.10 | - | 1.77 | - | .75 | - - | 42 | 60 | |
| 3/8 | .39 | 1.54 | 3.23 | 1.93 | .96 | 1.10 | - | 1.77 | - | .75 | .506 .502 | 42 | 60 | |
| 1/2 | .59 | 1.89 | 3.23 | 2.40 | 1.20 | - | - | 1.77 | - | .98 | .631 .627 | 36 | 36 | |
| 3/4 | .79 | 2.17 | 3.94 | 2.76 | 1.38 | 1.39 | - | .87 | .33 | 1.02 | .881 .877 | 24 | 24 | |
| 1 | .98 | 2.48 | 5.12 | 3.27 | 1.63 | - | 1.42 | - | - | 1.22 | 1.132 1.128 | 32 | 16 | |
| 1 1/4 | 1.26 | 2.72 | 5.12 | 3.90 | 1.95 | - | 1.42 | - | - | 1.46 | 1.382 1.378 | 32 | 8 | |
| 1 1/2 | 1.57 | 3.07 | 5.91 | 4.61 | 2.30 | 2.30 | 1.42 | - | - | 1.77 | 1.633 1.628 | 42 | 6 | |
| 2 | 1.97 | 3.35 | 5.91 | 5.47 | 2.74 | - | 1.42 | - | - | 2.05 | 2.133 2.128 | 44 | 4 | |
| 2 1/2 | 2.56 | 4.25 | 7.87 | 6.57 | 3.29 | 3.32 | 1.97 | - | - | 3.01 | 2.633 2.628 | 52 | 4 | |



| | |
|---------------|--------------|
| T - 10-24 UNC | (1/4"-3/4") |
| M5 | (1"-2") |
| M6 | (2 1/2") |
| M - .21 | (1/4", 3/8") |
| .22 | (1/2") |
| .39 | (3/4"-2") |
| .35 | (2 1/2") |