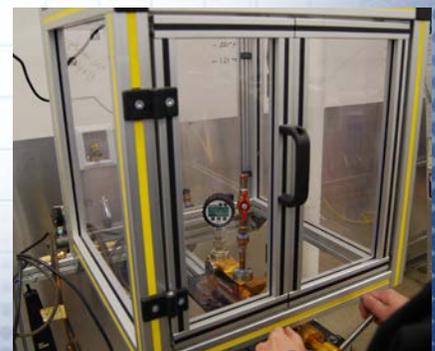






It takes more than just hard work to become a part of a legend.

Legend is committed to technical excellence in all aspects of our business. We maintain a technical laboratory where we conduct live product testing, metallurgical and material element analysis, new product development and failure analysis. Our technical staff of mechanical engineers, master plumbers and support technicians are here to ensure that you have the best possible product quality and support. The Legend Technical team is here to help you succeed.



Industrial Catalog



CONTENTS

Maintenance Free Ball Valve (T-1001).....	4
Ball Valves.....	5-7
Mini Ball Valves.....	8
Ball Valve Accessories.....	9
Stainless & Carbon Steel Ball Valves.....	10-11
Gate & Globe Valves.....	12
Bronze & Stainless Steel Check Valves.....	13
Y-strainers.....	14
Thermoplastic Valves.....	14
Cast Iron Gate Valves.....	15
Butterfly Valves.....	15
Malleable Fittings.....	16
Bronze & Stainless Steel Fittings & Nipples.....	16-17
Fire Hose Fittings.....	18
Wrot Copper, Cast Pressure and Dielectric Fittings.....	19
Push Fit Fittings.....	20
Cross Reference Chart.....	21



Signature Series private label ball valve allows you to customize the handle, including using your logo. This program is available for select ball valves. For more information, call Legend Customer Service at 1-800-752-2082.



Legend Performance Guarantees:

- 100% 24 hour order processing *or 5% off the order.*
- 100% line item fill rate *or 5% off the backorder.*
- 100% line item accuracy *or 5% off the error.*
- All sales are guaranteed.
- No minimum order.
- No case requirements.



A Legendary Guarantee: 5 year / \$25 warranty. For complete details of this legendary warranty please see page 23 or call Legend Customer Service.

The valves featured within this Industrial Catalog are intended for **non-potable** water systems. Please visit www.legendvalve.com to see the assortment of No Lead valves for potable water applications.

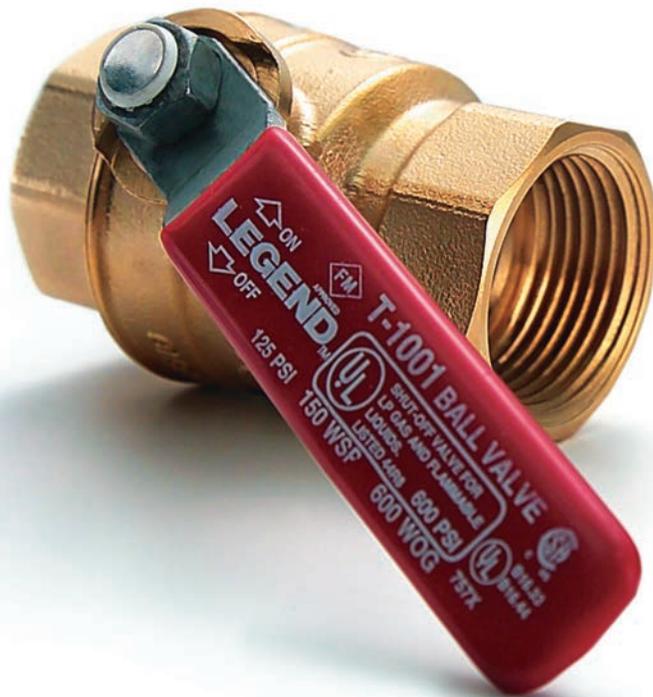


Oxygen cleaning for most valves and fittings is available. Material is cleaned, tagged and bagged. Lead time is five business days. For more information, call Legend Customer Service 1-800-752-2082.

MAINTENANCE FREE BALL VALVE

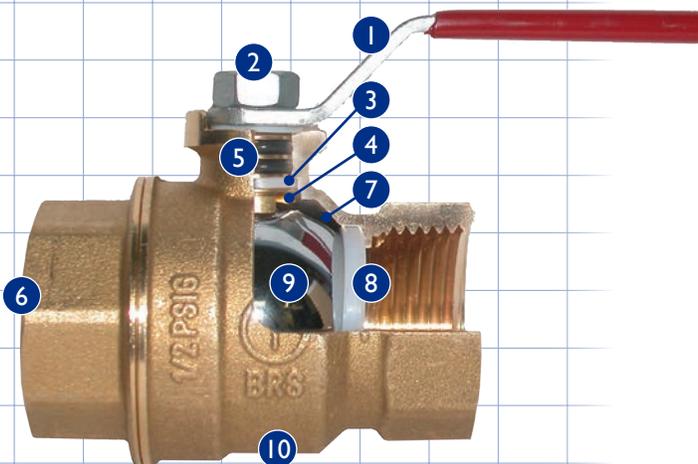
T-1001 BALL VALVE

The 1001 Series Full Port Ball Valve uses dual Viton® o-rings, not packing nuts. Unlike the typical gland follower (stem steal) design in most ball valves, the 1001 Series uses o-rings to create a seal, eliminating leaks. The forged brass components result in greater durability, easier actuation and a longer life ball valve. Each valve is 100% pressure tested.



- Forged brass body, end adapter and stem for lighter weight and greater strength.
- Bottom loaded blowout proof stem design, dual o-ring for stem seal with TFM-PTFE® thrust washer to reduce stem friction.
- One piece forged brass cavity ball with slot, lighter weight improves seat wear and reduces torque for actuation.
- TFM-PTFE® seats for improved wear, less friction and improved actuation.
- Dacromet® coated steel handle and nut for corrosion resistance.
- WW-V-35C
- MSS SP-110
- 600 CWP
- 400 CWP (2-1/2" to 4")
- 150 WSP

Maintenance Free "O" Ring Design



1. Anti-corrosive Dacromet Coated Handle
2. Tamper Evident Dacromet Coated Nut
3. TFM® Anti-Friction Washer
4. Forged Brass Stem
5. Dual Viton® O-rings
6. Forged Brass End Adapter
7. Expansion Slot
8. TFM® Seat
9. Once Piece Chrome Plated Forged Brass Cavity Ball
10. Forged Brass Body

Viton and Teflon are registered trademark of Dupont. Dacromet is a registered trademark of Dacral. Dyneon TFM is a trademark of 3M.

BALL VALVES

T-1001 Forged Brass Full Port Ball Valve



Maintenance free, dual Viton® O-ring stem design, lighter weight and durable forged body, blow out proof stem, TFM-PTFE® seats for improved wear. Dacromet® coated steel handle and nut for greater corrosion resistance. Each valve is 100% factory pressure tested.

- WW-V-35C (2-1/2" to 4")
- MSS SP-110 • 150 WSP
- 600 CWP • ISO 9002
- 400 CWP

1/8" to 4" FNPT x FNPT

1/2" to 4" Solder x Solder (S-1001)

T-1001 Forged Brass, Chrome Plated Full Port Ball Valve



Maintenance free, dual Viton® O-ring stem design, lighter weight and durable forged body chrome plated, blow out proof stem, TFM-PTFE® seats for improved wear. Dacromet® coated steel handle and nut for greater corrosion resistance. Each valve is 100% factory pressure tested.

- WW-V-35C • 150 WSP
- MSS SP-110 • ISO 9002
- 600 CWP

1/2" to 1" FNPT x FNPT

T-1001LD Forged Brass Full Port Ball Valve w/ Lock Shield



Maintenance free, dual Viton® O-ring stem design, lighter weight and durable forged body, blow out proof stem, TFM-PTFE® seats for improved wear. Dacromet® coated steel handle and nut; and lock shield. Lockable full open or full closed. Each valve is 100% factory pressure tested.

- WW-V-35C • 150 WSP
- MSS SP-110 • ISO 9002
- 600 CWP

1/2" to 2" FNPT x FNPT

T-1001T Forged Brass Full Port w/ T-handle



Maintenance free, dual Viton® O-ring stem design, lighter weight and durable forged body, blow out proof stem, TFM-PTFE® seats for improved wear. Each valve is 100% factory pressure tested.

- WW-V-35C
- MSS SP-110
- 600 CWP
- 150 WSP
- ISO 9002

1/2" to 1" FNPT x FNPT

1/2" to 1" Solder x Solder (S-1001T)

T-1004 Cubic Ball Forged Brass Full Port



The cubic ball is designed to eliminate 90% of the surface area in contact with the seats to improve wear. This results in 20% reduction in torque and increases the life of the valve by 50%. Larger full body, six sided wrench flat, dual Viton® O-ring stem design, forged body, blow out proof stem, TFM-PTFE® seats for improved wear. Dacromet® coated steel handle and nut for greater corrosion resistance. Each valve is 100% factory pressure tested.

- WW-V-35C
- MSS SP-110
- 600 CWP
- 400 CWP (2-1/2" to 4")
- 150 WSP
- ISO 9002

1/2" to 4" FNPT x FNPT

1/2" to 3" Solder x Solder (S-1001)

BALL VALVES

T-2000 Forged Brass Full Port Ball Valve

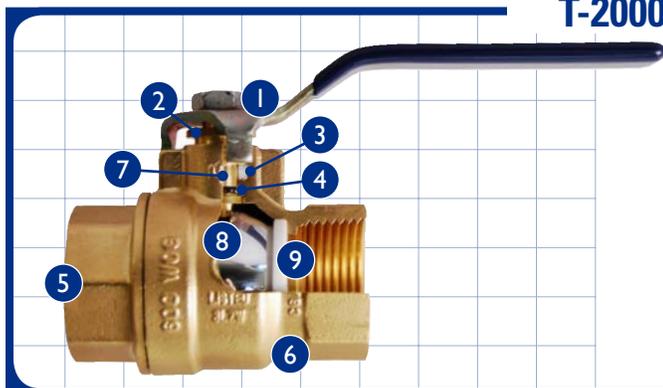


1/4" to 4" FNPT x FNPT
1/2" to 4" Solder x Solder (S-2000)

The T-2000 Series ball valve has a dual seal: PTFE packing and an EPDM O-ring stem seal. Full Port, forged brass body, end adapter, and ball. The T-2000 is a larger body ball valve, meeting MSS SP-110. It is manufactured in an ISO Certified facility utilizing automation and comprehensive TQM programs. Each valve is 100% factory pressure tested. Zinc plated handle and nut for greater corrosion resistance.

- WW-V-35C
- MSS SP-110
- 600 CWP
- 400 CWP (2-1/2" to 4")
- 150 WSP
- ISO 9002

T-2000 Ball Valve



- | | |
|---|------------------------------------|
| 1. Zinc Plated Corrosion Resistant Handle & Nut | 6. Forged Brass Body |
| 2. Forged Brass Packing Nut | 7. Forged Brass Stem |
| 3. PTFE Stem Packing | 8. Forged Brass Chrome Plated Ball |
| 4. EPDM O-ring | 9. PTFE Seats |
| 5. Forged Brass End Adapter | |

T-1002 Full Port Ball Valve



3/8" to 3" FNPT x FNPT
1/2" to 3" Solder x Solder (S-1002)

Forged brass full port ball valve with chrome plated handle.

- 100% Pressure Tested
- WW-V-35C
- MSS SP-110
- 600 CWP
- 400 CWP (2-1/2" to 4")
- 150 WSP
- PTFE Seats
- ISO 9002

T-1002LD Full Port Ball Valve w/ Lock



1/2" to 2" FNPT x FNPT

Full port ball valve with latch lock steel handle and trim. Lockable in the full open and fully closed positions.

- 100% Pressure Tested
- WW-V-35C
- MSS SP-110
- 600 CWP
- 150 WSP
- PTFE Seats
- ISO 9002

BALL VALVES

T-1002STLD Full Port Ball Valve w/ SS Ball & Lock



Full port ball valve with stainless steel ball and stem for greater strength, intended for frequent actuation. Includes latch lock steel handle and trim. Lockable in the full open and fully close positions.

- 100% Pressure Tested
- WW-V-35C
- MSS SP-110
- 600 CWP
- 150 WSP
- PTFE Seats
- ISO 9002

1/2" to 2" FNPT x FNPT

T-1002ST Full Port Ball Valve w/ SS Ball



Full port ball valve with stainless steel ball and stem for greater strength, intended for frequent actuation.

- 100% Pressure Tested
- WW-V-35C
- MSS SP-110
- 600 CWP
- 150 WSP
- PTFE Seats
- ISO 9002

1/2" to 2" FNPT x FNPT

T-2100 3-Way Ball Valve



Full port forged brass ball valve with L-port ball design diverts media to the side from either run connection.

- 100% Pressure Tested
- 600 CWP
- 150 WSP
- ISO 9002

1/4" to 2" FNPT x FNPT

T-1500 3-Piece, Bronze Ball Valve



Heavy duty three-piece cast bronze body. The body center section lifts or swings out to permit servicing without end adapter removal.

- 100% Pressure Tested
- WW-V-35C
- MSS SP-110
- 600 CWP
- 150 WSP
- ISO 9002

1/2" to 2" FNPT x FNPT

T-901 Full Port, Bronze Ball Valve



Large pattern, dezincification resistant, cast bronze body is ideal for underground water supply installations. Gland follower stem design with PTFE stem packing. Handle is chrome plated steel.

- 100% Pressure Tested
- WW-V-35C
- MSS SP-110
- 600 CWP
- 150 WSP
- ISO 9002

1/4" to 3" FNPT x FNPT
 1/2" to 2" Solder x Solder (S-901)

MINI BALL VALVES

T-810T Micro-Ball™



Maintenance Free O-Ring stem design, forged brass, with coated zinc cast tee handle. Smaller pattern for tight enclosures.

- 400 CWP
- 150 WSP
- ISO 9002

1/8" to 1/4" FNPT x FNPT

T-810 Micro-Ball™



Maintenance Free O-Ring stem design, forged brass, with Dacromet® coated lever handle. Smaller pattern for tight enclosures.

- 400 CWP
- 150 WSP
- ISO 9002

1/8" to 1/4" FNPT x FNPT

T-900 M x F Large Port Ball Valve



Maintenance Free O-Ring stem design, forged brass, with Dacromet® coated lever handle.

- 600 CWP (1/8" to 3/4")
- 500 CWP (1")
- WSP 150
- ISO 9002

1/8" to 1" MNPT x FNPT



Maintenance Free O-Ring stem design, forged brass, with coated zinc cast tee handle.

- 600 CWP (1/8 to 3/4")
- 500 CWP (1")
- WSP 150
- ISO 9002

1/8" to 1" MNPT x FNPT

T-801 Ball Valve Test Cock



Cast brass ball valve with screwdriver slot, female x male thread.

- 600 CWP
- 150 WSP
- ISO 9002

1/4" FNPT x 1/8" MNPT
1/4" FNPT x 1/4" MNPT

T-710T One-Piece, 316 Stainless Steel Ball Valve



One-piece cast 316 stainless steel body and end adapter, 304 stainless steel tee handle.

- 800 CWP
- 150 WSP
- ISO 9002

1/4" MNPT x 1/4" FNPT
1/4" FNPT x 1/4" FNPT

BALL VALVE ACCESSORIES & HOSE BIBBS

(*FITS ALL 1001 SERIES BALL VALVES, 1001, 1004, P-200, I 100, 805, 806, 1009, 900, 537 & 540)

Locking Device*



Dacromet® coated steel for corrosion resistance locking device. Fits 1/4" to 2".

Memory Stop*



Fits 1/4" to 2", for integral flow control settings.

Tee Handle*



Coated zinc cast handle, available for ball valves sizes 1/8" to 1-1/4".

T/S-1002 & 2000 Stainless Handle and Nut



T/S-1002
 For models 1002 & 901; fits 1/4" – 3"; 304 stainless steel handle and nut.



T/S-2000
 For 2000 Series ball valves; fits 1/4" – 2"; 304 stainless steel handle and nut.

Oval Handles for Carbon & Stainless Steel Ball Valves

304 Stainless Steel Oval Handles



- T-712 Oval 1/4" to 2"
- T-715 Oval 1/4" to 2"
- T-717 Oval 1/4" to 2"
- T-725 Oval 1/4" to 2"
- T-730 Oval 1/4" to 2"

Tee Handles for Carbon & Stainless Steel Ball Valves

316 Stainless Steel Tee Handles



- T-710 Tee 1/4" to 2"
- T-720 Tee 1/4" to 2"
- T-715 Tee 1/4" to 1-1/4"
- T-717 Tee 1/4" to 1-1/4"
- T-725 Tee 1/4" to 1-1/4"
- T-730 Tee 1/4" to 1-1/4"

T-537 Ball Valve Hose Bibb



Forged brass ball valve, full port, hose bibb with coated cast zinc handle

- CWP 200
- ISO 9002

1/2" MNPT x 3/4" GHT
 3/4" MNPT x 3/4" GHT

T-540 Ball Valve Hose Bibb



Forged brass ball valve, full port, hose bibb with Dacromet® coated handle.

- CWP 200
- ISO 9002

3/4" MNPT x 3/4" GHT

STAINLESS / CARBON STEEL BALL VALVES

Legend stainless steel and carbon steel ball valves are made using investment casting, which results in less porous and smoother finished castings with greater integrity. Moreover, the manufacturing facility is ISO Certified, using automation and comprehensive TQM processes. Applications for the valves include process piping, pneumatics and hydraulics.

All ball valves conform to Federal Specification WW-V-35C, Type II, and Composition: CS, Style: 3 and SS, Style: 3. All ball valve seats, end adapter seal and packing are PTFE, with exception of T-730, T-725, and T-715 which have graphite impregnated seats. Pressure ratings vary from model to model. All ball valves except model T-720 have 304 stainless steel latch lock handles.



- ANSI / ASME B1.20.1: Threaded end connections.
- MSS-SP110: All models comply.
- ASTM A351 CF-8M: Investment cast stainless steel, body, end adapters, and ball for sizes 1/2" through 4".
- ASTM A276: 316 stainless steel ball for 1/4" and 3/8".
- AISI 304: Stainless steel handle, locking mechanisms, packing nut, bolts and nuts.

T-720 One-Piece, Carbon Steel Ball Valve



1/4" to 2" FNPT x FNPT

One-piece, carbon steel bar stock body; bottom-load blow-out proof stem; and ideal for commercial or industrial applications.

- 2000 CWP (1/4" – 1")
- 1500 CWP (1-1/4" – 2")
- 150 WSP
- ISO 9002

T-725 Large Port, Carbon Steel Ball Valve



1/4" to 2" FNPT x FNPT

Full port ball valve with stainless steel ball and stem for greater strength, intended for frequent actuation.

- 600 CWP
- 150 WSP
- PTFE Seats
- ISO 9002

STAINLESS / CARBON STEEL BALL VALVES

T-730 Full Port, Carbon Steel Ball Valve



Two-piece, carbon steel investment casting; bottom-load blow-out proof stem; latch-lock handle; reinforced graphite impregnated seats; integral, tapped mounting pad for actuation or panel attachment.

- 2000 CWP (1/4" – 1")
- 1500 CWP (1-1/4" – 2")
- 150 WSP
- ISO 9002

1/4" to 2" FNPT x FNPT

T-710 One-Piece, 316 Stainless Steel Ball Valve



Reduced port ball valve; one-piece, 316 stainless steel investment casting; bottom-load blow-out proof stem; latch-lock handle; and ideal for commercial or industrial applications.

- 800 CWP
- 150 WSP
- ISO 9002

1/8" to 2" FNPT x FNPT

T-715 Large Port, 316 Stainless Steel Ball Valve



Large port ball valve; two-piece, 316 stainless steel investment casting; bottom-load blow-out proof stem; latch-lock handle; reinforced graphite impregnated seats; integral, tapped mounting pad for actuation or panel attachment.

- 2000 CWP (1/4" – 1")
- 1500 CWP (1-1/4" – 2")
- 150 WSP
- ISO 9002

1/4" to 2" FNPT x FNPT

T-712 Full Port, 316 Stainless Steel Ball Valve



Full port ball valve; two-piece, 316 stainless steel investment casting; bottom-load blow-out proof stem; latch-lock handle; integral, tapped mounting pad for actuation or panel attachment.

- 1000 CWP
- 150 WSP
- ISO 9002

1/4" to 4" FNPT x FNPT

T-717 Full Port, 3-Piece, 316 Stainless Steel Ball Valve



Full port ball valve; heavy-duty, three-piece 316 stainless steel investment casting; bottom-load blow-out proof stem; latch-lock handle; four 304 stainless steel nuts and bolts; body center lifts or swings out to permit servicing without end adapter removal.

- 1000 CWP
- 150 WSP
- ISO 9002

1/4" to 2" FNPT x FNPT

T-710T One-Piece, 316 Stainless Steel Ball Valve



One-piece cast 316 stainless steel body and end adapter, 304 stainless steel tee handle.

- 800 CWP
- 150 WSP
- ISO 9002

1/4" MNPT x 1/4" FNPT
 1/4" FNPT x 1/4" FNPT

BRASS / BRONZE GATE & GLOBE VALVES

T-400 Compact Brass Gate Valve



Conventional port and compact pattern cast brass gate valve with cast iron handle for greater durability. Ideally suited for confined areas.

- 200 CWP
- ISO 9002

1/2" – 4" FNPT x FNPT
 1/2" – 2" Solder x Solder (S-400)

T-401 Brass Gate Valve



Full port cast brass gate valve with cast iron handle for greater durability. Fully open position for greater flow.

- 200 CWP
- ISO 9002

1/4" – 4" FNPT x FNPT
 1/2" – 3" Solder x Solder (S-401)

T-414 Bronze Gate Valve



Cast bronze gate valve, screw over bonnet design, cast iron handle, full port, non-rising stem, integral seat and solid wedge.

- Class 125
- 200 CWP
- 125 WSP
- ISO 9002

1/2" – 2" FNPT x FNPT
 1/2" – 2" Solder x Solder (S-414)

T-416 / T-417 Bronze Gate Valves



Rising stem, cast bronze, cast iron handle, full port, integral seat and solid wedge. T-416 is Class 150 and T-417 is Class 125.

- 200 CWP (T-417)
- 300 CWP (T-416)
- 125 WSP (T-417)
- 150 WSP (T-416)
- MSS SP-80

1/2" – 2" FNPT x FNPT (T-416)
 1/2" – 3" FNPT x FNPT (T-417)
 1/2" – 3" Solder x Solder (S-417)

T-421 Bronze Globe Valve



Rising stem, cast bronze body, screw-in-bonnet; integral seat and bronze disc.

- Class 125
- 200 CWP
- 125 WSP
- ISO 9002

1/2" – 2" FNPT x FNPT
 1/2" – 2" Solder x Solder (S-414)

T-422 Bronze Globe Valve



Rising stem, cast bronze, union bonnet, integral seat and PTFE disc.

- Class 150
- MSS SP-80
- 300 CWP
- 150 WSP
- ISO 9002

1/2" – 2" FNPT x FNPT

T-751 316 Stainless Steel Gate Valve



316 stainless steel, investment casting, non-rising stem, screw-in-bonnet, and cast iron handle.

- 600 CWP
- 125 WSP
- ISO 9002

1/2" – 2" FNPT x FNPT

T-752 316 Stainless Steel Globe Valve



316 stainless steel, investment casting, rising stem, screw-in-bonnet, metal to metal seat and cast iron handle. Ideal for throttling.

- 600 CWP
- 125 WSP
- ISO 9002

1/2" – 2" FNPT x FNPT

BRONZE CHECK VALVES

Legend Bronze Check Valves are designed to perform in multiple applications for plumbing, industrial processing and heating systems. Each Legend check valve is suited for non-potable water, hydronic or steam applications. Sizes vary by model (1/4" to 4" FNPT). See Legend specification and submittals for more about selecting the proper valve. Most models conform to *MSS SP 80.

- ANSI / ASTM B 1.20.1: Pipe threads, general purpose (inch).
- ANSI / ASTM B16.18: Solder joint specifications.



T-448 Bronze Foot Valve FxM
[200 CWP]



T-448 Bronze Foot Valve
[200 CWP]



T-455 Bronze In-line*
[250 CWP]



T-456 Bronze PTFE Ball In-line*
[200 CWP]
[125 WSP]



T-450 FxM Bronze In-line
[200 CWP]



T-450 Bronze In-line
[200 CWP]



T-451 Brass Swing Check
[200 CWP]



T-453 Bronze Y-pattern*
[300 CWP]

STAINLESS STEEL CHECK VALVES

Legend Stainless Steel Check Valves are investment cast 316 stainless steel. The available sizes are: T-750 1/2" through 2" FNPT; T-755 1", 1-1/4"; and T-756 1", 1-1/4".

- ANSI / ASTM B 1.20.1: Pipe threads, general purpose (inch).
- ANSI / ASTM A351 CF-8: Standard for 304 stainless steel.
- ANSI / ASTM A351 CF-8M: Standard for 316 stainless steel.



T-456 SS Foot Valve
[200 CWP]



T-755 304 SS In-Line Check
[200 CWP]



T-750 316 SS Swing Check
[200 CWP]

Y-STRAINERS

Legend Y-Strainers include bronze, 316 stainless steel and cast iron. Each model has replaceable 304 stainless steel screens. The T-16 is compact bronze; T-15 is full body bronze, with cleanout plug and closure plug. Sizes vary by model ranging from 1/4" to 3". T-19 is flanged in sizes 2" to 8".



T-16
[300 CWP]
[150 WSP]



T-15
[300 CWP]
[150 WSP]



T-758
[600 CWP]
[150 WSP]



T-17
[500 CWP]
[250 WSP]



T-19
[200 CWP]
[125 WSP]

BRONZE FLOAT VALVES

Legend Bronze Float Valves are constructed of bronze alloy. The mechanical float valves are for controlling water flow to cooling towers, waterworks, commercial, and agriculture applications. They can be tank wall mounted. Copper floats, plastic floats and float rods are also available.



Copper Float



Plastic Float



T-31 Bronze Float Valve
[125 CWP]



T-30 Bronze Float Valve
[125 CWP]



T-32 Bronze Float Valve
[125 CWP]

THERMOPLASTIC VALVES

Legend Thermoplastic Valves provide a dependable and economical way to service a variety of fluid handling applications. The many applications for these valves include chemical processing, chilled water lines, corrosive liquid handling, deionized water lines, fertilization, food processing, industrial plating, sewage and waste water treatment systems, swimming pools, and vacuum services. The valves (ball valves, check valves, & butterfly valves) are molded using virgin resins: ABS, CPVC, and PVC. They are available in both schedule 40 and 80; sizes from 1/2" to 4"; and threaded, solvent, and flanged.



T/S-600 / 601
[150 CWP]



S-605
[150 CWP]



S-607
[150 CWP]



T/S-603
[150 CWP]



S-643
[150 CWP]



S-650
[150 CWP]

BUTTERFLY VALVES

All Legend Butterfly Valves are ductile iron, epoxy coated and 100% factory tested. Each Legend butterfly valve uses our enhanced lever handle assembly which features a push-down latch; an improvement over the more common pull-up latch design with exposed spring. The handle assembly fits atop the valve hub onto the square stem. Two-piece, 410 stainless steel stem sealed top and bottom by PTFE bushings for complete isolation from media. This design improves the disk integrity and ease of actuation. Options include EPDM and Buna gasket material; lever or gear operation; bronze aluminum or stainless steel disk; wafer or lug type butterfly valves and sizes 2" to 12".



T-335AB
[200 CWP]
[125 WSP]

T-337AB-G
[200 CWP]
[125 WSP]



T-365AB
[200 CWP]
[125 WSP]

T-367AB-G
[200 CWP]
[125 WSP]

CAST IRON VALVES

Legend offers two cast iron gate valve models. T-301 is a non-rising stem IBBM and T-303 is outside screw and yoke IBBM. Both conform to MSS SP-70; CWP rated 200 psi; WSP is 125 psi; class 125 flange ends; bronze trim; solid wedge; replaceable seat rings and in sizes 2" to 12". Legend model T-311 horizontal swing check valve conforms to MSS SP-70; CWP rated 200 psi; WSP is 125 psi; class 125 flange ends; bronze trim; bolted cover; replaceable seat rings and in sizes 2" to 8". The T-312 class 125 twin disk, wafer style, silent check has a bronze disc and EPDM seat. It is spring actuated. CWP rated 200 psi and maximum temperature is 200°F/93°C. Sizes are 2" to 12".



T-301
[200 CWP]
[125 WSP]



T-303
[200 CWP]
[125 WSP]



T-311
[200 CWP]
[125 WSP]



T-312
[200 CWP]

FITTINGS

Bronze

Legend Class 125 threaded bronze fittings are cast using electric induction furnaces for greater casting integrity and are individually pressure tested to assure quality. Fittings are available in sizes 1/8" through 4"; configurations include elbows, tees, crosses, plugs, unions, caps, couplings, hex bushings, face bushings, locknuts, companions flanges, and floor flanges. Legend also has No Lead cast bronze fittings.



- ASTM B62: UNS C83600 traditional brass alloy.
- ASTM B584 UNS C89836 no lead bronze alloy (3rd party certified).
- ANSI / ASME B16.15: Cast bronze threaded fittings, Classes 125 & 250.
- ANSI / ASME B1.20.1: Pipe threads, general purpose (inch).

Stainless Steel

Legend Class 150, 304 / 316 stainless steel fittings are cast using an electric induction furnace assuring greater casting integrity, smoother finish, and greater strength. Legend stainless steel fittings are heavier castings with reinforcement webbing. The 304 stainless steel is a good option for food processing and general wet areas; whereas, the 316 stainless steel has more nickel; therefore, possesses greater corrosion resistance. Available in sizes 1/8" to 4" and configurations including elbows, tees, crosses, plugs, unions, caps, couplings and hex bushings.



- ASTM A351 CF-8: Standard for 304 stainless steel.
- ASTM A351 CF-8M: Standard for 316 stainless steel.
- ASTM A351: Standard specification for castings, for austenitic pressure containing parts.
- ANSI / ASME B16.3: Dimensional standard.
- ANSI / ASME B.1.20.1: Pipe threads, general purpose, inch.
- Naturally lead free alloy.

Malleable

Legend malleable fittings are certified as Class 150. Sizes range from 1/8" to 6" in most configurations of elbows, tees, crosses, plugs, unions, caps, couplings, hex bushings, and floor flanges. Select configurations are pressure rated 300 and 500 psi by UL and Factory Mutual.



- ASTM A197: Standard specification for cupola malleable iron.
- ASTM A153: Standard specification for zinc coated (hot-dip) on iron and steel hardware.
- ASTM A47: Standard specification for ferritic malleable iron castings.
- ANSI B16.3: Malleable iron threaded fittings.
- ANSI B16.14: Ferrous pipe plugs, bushings, and locknuts with pipe threads.
- ANSI B16.39: Malleable iron threaded pipe unions.
- ANSI B1.20.1: Threads, pipe – general purpose (inch).
- UPC / IAPMO: 3rd party certified ANSI / NSF61 (including No Lead).
- UL Listed and FM Approved: HHXX. EX6624 Fire Main Equipment – Pipe fittings. VIZQ.EX9172 Sprinkler System and Water Spray System Devices.

NIPPLES & CUT PIPE

Red Brass

Legend red brass nipples are manufactured from schedule 40 seamless red brass pipe, UNS C23000. They are available in 1/8" to 4" diameter and in lengths from close to 12". The nipples are available in diameters 1/8" to 4"; lengths from close to 12"

- ANSI / ASME B43-09: Standard specification for seamless red brass pipe, standard sizes.
- ASTM B687-99: Standard specification for brass, copper and chromium-plated pipe nipples.
- ASTM B456: Applicable for chrome-plated nipples.
- ANSI / ASTM B1.20.1: Threads, pipe – general purpose (inch).
- Naturally lead free alloy.



Stainless Steel

Legend stainless steel nipples are made from schedule 40 stainless steel pipe, 304 and 316. The nipples are available in diameters from 1/8" to 4" and lengths from close to 12".

- ASTM A312: Specification for 304 stainless steel material.
- ASTM A312: Specification for 316 stainless steel material.
- ASTM A733: Standard specification for welded and seamless austenitic stainless steel pipe.
- ANSI / ASTM B.1.20.1: Threads, pipe – general purpose (inch).
- Naturally lead free alloy.



Black & Galvanized Steel

Legend Schedule 40 black and galvanized nipples include nipples, nipple assortment packs, nipple runs, cut-length pipe and oil tank legs. Nipples are offered in diameters 1/8" to 4" and lengths from close to 12". Cut pipe is available in diameters from 1/2" to 2" and lengths from 18" to 72". 2-1/2" black cut pipe is available in 15", 18" and 24" lengths.

- ASTM A53: Standard specification for pipe, steel, black and hot-dipped zinc coated, welded and seamless.
- ASTM A733: Standard specification for welded and seamless carbon steel.
- ASTM A123: Standard specification for zinc coating galvanization, hot-dip application.
- ANSI B36.1: Welded and seamless wrought steel pipe.
- ANSI / ASME B1.20.1: Threads, pipe – general purpose (inch).
- UPC / IAPMO: Galvanized nipples (only) are ANSI/NSF 61 for potable water applications.
- 3rd party certified ANSI / NSF61 (including No Lead).



FIRE HOSE FITTINGS

A-75 F x M Forged Brass Hydrant Adapters



Forged brass, full-pattern body with double pin-lugs. Available in several sizes including NYFD x GHT. Includes washer.

A-92 Double Male Hex Nipples



Forged brass, full-pattern body with double pin-lugs. Available in several sizes including NYFD x GHT. Includes washer.

A-93 F x M Hex Nipples



Forged brass, full-pattern body with double pin-lugs. Assorted sizes in Female NST or NH x Male NPT threads. Commonly used for adapting the fire hose connection to a control valve or other plumbing fitting. Includes washer.

A-91 Male Swivel Adapters



Forged brass, full-pattern body with double pin-lugs. Assorted sizes in Female NST thread pattern x Male NPT. Ball bearing swivel and includes washer.

A-80 Caps & A81 Plugs



Forged brass caps with pins and chain. Forged brass plug with pins and chain.

FIRE HOSE FITTINGS MODEL CONFIGURATION REFERENCE

Thread Type	Description	Legend Model
GHT - Garden Hose Thread	Male GHT with Female GHT Female GHT with Male GHT	A75, A93, A92
NH (NST) - National Hose Thread or National Standard Thread	Male NH(NST) with Female NH (NST) Female NH(NST) with Male NH (NST)	A75, A92, A93, A80, A81
NPT - National Pipe Tapered Thread	Male NPT with Female NPSH	A75, A91, A92, A93
NPSH - National Standard Straight Hose Thread	Male NPSH with Female NPSH Female NPSH with Male NPSH Female NPSH with Male NPT	A75, A92, A93

Gaskets pre-installed on the Female connections of models A75, A80, A91 and A93

WROT COPPER FITTINGS

Legend wrot copper fittings are manufactured in a ISO accredited facility in compliance to all applicable ASTM and ANSI Standards. The fittings are available in 1/8" through 4" and configurations included 90° elbows, 45° elbows, tees, MNPT adapters, FNPT adapters, tube caps, and couplings. The fittings are UPC / IAPMO Certified and NSF Listed (ANSI / NSF 61 G).

- ASTM B152, Alloy C11000: Standard specification for copper sheet, strip and plated rolled bar.
- ASTM B75, Alloy C12200: Standard specification for seamless round copper tube for general engineering applications.
- ANSI / ASME B16.22: Standard specifications for wrot copper and copper alloy solder joint pressure fittings.
- MSS SP-104: Wrot copper solder joint pressure fittings.
- Naturally lead free.



CAST PRESSURE FITTINGS

Legend cast pressure fittings meet and exceed all applicable standards. They are offered in various configurations, including: elbows, tees, couplings, adapters, and unions. Sizes range from 1/2" to 2", and vary by configuration. Applications include plumbing, hydronic and steam systems.

- ASTM B584: UNS CB5700 traditional casting brass.
- UNS C89540: No lead casting brass alloy (3rd party certified).
- ANSI / ASME B.1.20.1: Pipe threads, general purpose, inch.
- ANSI / ASME B16.18: Solder joint specifications.



DIELECTRIC UNIONS

Legend dielectric unions are constructed of forged steel and cast brass, with configurations that include galvanize FNPT x brass solder, galvanize MNPT x brass solder, galvanize FNPT by galvanize FNPT, galvanize FNPT x brass FNPT, and black gas service FNPT x FNPT. They sizes include are 1/2" through 4" for some configurations and with the 2-1/2", 3" and 4" flanged. Dielectric unions reduce stray current and galvanic corrosion where two dissimilar metals are joined. 200 CWP (psi) up to 180° F. No Lead brass versions of applicable fittings are third party certified.

- UNS C36000 Forged traditional brass.
- A151 Forged carbon steel galvanized.
- ANSI / ASME B16.39: Tensile strength, dimensional and galvanized coating specifications.
- ANSI / ASME B16.18: Solder connection specifications.
- ANSI / ASME B1.20.1: Threads, pipe – general purpose (inch).



PUSH FIT FITTINGS

Insta-Loc II™

Legend Insta-Loc II™ Push Fittings meet all standards for potable water systems. The fittings can be installed onto copper, CPVC or PEX and is removable. The forged brass fittings are made of no lead and DZR (dezincification resistant alloy) brass; configurations include elbows, caps, tees, couplings, and adapters; in sizes 1/2", 3/4" and 1". They are rated 200 CWP at 250° F, maximum temperature. Third-party certified by UPC / IAPMO, in compliance with all State and U.S. Federal Public Law 111-380 for all no lead potable water installations.

- ANSI / NSF 61: No lead for potable water systems.
- ANSI / NSF 14: Plastic pipe system components and related materials.
- ANSI / ASME B1.20.1: Pipe threads, general purpose (inch).
- ASSE 1061: Performance requirements for Push-Fit Fittings.



Turn-n-Loc™

Legend Turn-n-Loc™ Push Fittings are easy to install onto copper, CPVC or PEX in plumbing and hydronic heating systems. The patented locking feature is designed to secure the fitting yet allow it to be removed when loosened and then pushing down on the grip collar. They are constructed from polysulfone resin; configurations include elbows, FNPT and MPNT adapters, couplings and tees; and in sizes 1/2", 3/4" and 1". They are rated 250 CWP at 73° F, maximum temperature 180° F.

- ANSI / NSF 61: No lead for potable water systems.
- ANSI / NSF 14: Plastic pipe system components and related materials.
- UPC / IAPMO Certified
- ASSE 1061: Performance requirements for Push-Fit Fittings.
- Naturally lead free.



Mini-Loc™

Legend Mini-Loc™ Plastic Push Fittings are ideal for making permanent connections on plumbing distribution and commercial systems. The fittings are constructed from acetal copolymer resin and include a stainless steel grip ring. The fittings can be removed by pushing down on the grip collar. Configurations include elbows, FNPT and MPNT adapters, couplings and tees; and in sizes 1/4", 5/16" and 3/8". The maximum temperature rating is 150 CWP at 150° F for the 1/4" and 5/16" sizes, whereas the maximum temperature rating is 100 CWP at 150° F for the 3/8" sizes.

- ANSI / NSF 61: No lead for potable water systems.
- ANSI / NSF 14: Plastic pipe system components and related materials.
- UPC / IAPMO Certified.
- ASSE 1061: Performance requirements for Push-Fit Fittings.
- Naturally lead free.
- FDA Compliant.



CROSS REFERENCE CHART

VALVE TYPE	LEGEND	APOLLO	KITZ	MILWAUKEE	NIBCO	PARKER	MIDLAND METALS MFG.	DIXON VALVE
BRONZE BALL-2PC./FULL PORT/GLAND FOLLOWER	T/S-901	77C		BA-400* / BA-450*	T/S-580-70*			
FORGED BRASS BALL-2PC./FULL PORT/O-RING	T/S-1001		58/59	BA-475B* / BA-485B*	T/S-FP-600*	V520P / V509P	943-20_ / 942-20_ SERIES	FBVI SERIES
FORGED BRASS-2PC./FULL PORT/GLAND FOLLOWER	T/S-1002	64-100 / 64-200	68/69	BA-475B* / BA-485B*	T/S-FP-600A	V520P / V509P	940-17_ / 940-18_ SERIES	FBV SERIES
FORGED BRASS-2PC./FULL PORT/GLAND FOLLOWER	T/S-2000	94A-100 / 94A-200		BA-475B / BA-485B	T/S-FP-600A	V520P / V509P	940-17_ / 940-18_ SERIES	
FORGED BRASS BALL-2PC./FULL PORT/CUBIC BALL	T/S-1004							
BRONZE BALL-3PC./FULL PORT/GLAND FOLLOWER	T-1500	82-100	62*	BA-300*	T-595-Y			
FORG. BRASS BALL-2PC./FULL PORT/SS TRIM	T-1002ST		68M	BA-400S*	T-585-70-66*	V500P-X-01*		
FORG. BRASS BALL-FULL PORT/HOSE CAP CHAIN	T-1002CC	70-100HC	68C	BA-100H*	T-585-70-HC*			
FORG. BRASS BALL-FULL PORT/PRESS-TO-CONNECT	P-200	77W & 64WC	101	BA-480*	PF-FP-600			
FORG. BRASS BALL-FULL PORT/PUSH-TO-CONNECT	T-1200				PPF-200A			
FORGED BRASS / FULL-PORT / 3-WAY	T-2100	70-600				VP533P	940-46_ SERIES	BBV--DTW SERIES
CARBON STEEL BALL-1PC./CONV. PORT/GLAND FOLLOWER	T-720	93-140	50*	10CS*	T-570-CS	V500CS	949-12_ SERIES	IBV SERIES
CARBON STEEL BALL-2PC./FULL PORT	T-730	89-140	49M*	20CSOR*	T-580-CS*	VP500CS		
STAINLESS STEEL BALL-1PC./CONV. PORT/GLAND FOLLOWER	T-710	96-100*	52*	10SS*	T-560-S6*		949-10_ SERIES*	SSLBV-SP SERIES
STAINLESS STEEL BALL-2PC./FULL PORT/GLAND FOLLOWER	T-712	76F-100	39*	20SS*	T-580-S6*	VP502SS*	949-16_ OR -18_ SERIES*	SSLBV SERIES
STAINLESS STEEL BALL-3PC./FULL PORT/GLAND FOLLOWER	T-717	86R-100*		30SS*	T-595-S6			
BRONZE GATE-NRS/CLASS 125	T/S-415	102T / 102S	40/41	105* / 115*	T/S-113		940-13_ / -14_ SERIES*	
BRONZE GATE-RS/CLASS 125	T/S-417	101T / 101S	24/44	1152*	T/S-111			
BRONZE GATE-RS/CLASS 150	T-416		25/45	1150*	T/S-131			
BRONZE GLOBE-CLASS 125	T-421	120T*	11	502	T-211-B			
BRONZE GLOBE-UNION BONNET/CLASS 150	T-422	122T	9/10	590T*	T/S-235			
BRONZE SWING CHECK-CLASS 150	T/S-453	164T / 163S*	29/30	515* / 1515*	T/S-433-B			
BRONZE IN-LINE CHECK-SPRING LOADED	T/S-455	61-500 / 61-600	36/26	548B* / 1548B*	T/S-480*		944-42_ / -43_ SERIES*	
BRONZE IN-LINE CONICAL-BALL CHECK-SPRING-LOADED	T/S-456	61-100 / 61-200*						
IRON GATE-NRS/IBBM/CLASS 125	T-301	610F	75	F-2882A	F-619			
IRON GATE-OS&Y/IBBM/CLASS 125	T-303	611F	72	F-2885A	F-617-0			
IRON SWING CHECK-IBBM/CLASS 125	T-311	910F	78	F2974M*	F-918-B			
CI TWIN DISC SILENT CHECK-CLASS 125	T-312	910WE	7022	8800*	W-920-W			
STAINLESS STEEL GATE-CLASS 125	T-751		31*					
STAINLESS STEEL GLOBE-CLASS 125	T-752		33					
STAINLESS STEEL SWING CHECK-CLASS 125	T-750		34*					
STAINLESS STEEL IN-LINE CHECK-CLASS 125	T-755	62-500*					949-43_ SERIES	
DUCTILE IRON BUTTERFLY-WAFER/LEVER OPERATED	T-335AB	WD145-1	5122E	CW-223-EC*	WC-20003			BBFVW (E) SERIES
DUCTILE IRON BUTTERFLY-WAFER/GEAR OPERATED	T-335AB-G	WD145-2	5122EG	CW-323-EC*	WC-20005			
DUCTILE IRON BUTTERFLY-LUG/LEVER OPERATED	T-365AB	LD145-1	6122E	CL-223-EC*	LC-20003			BFVL (E) SERIES
DUCTILE IRON BUTTERFLY-LUG/GEAR OPERATED	T-365AB-G	LD145-2	6122EG	CL-323-EC*	LC-20005			
DUCTILE IRON BUTTERFLY-WAFER/LEVER OP. BUNA-N (NBR) SEAT	T-337AB	WD145-1	5122B					BBFVW SERIES
DUCTILE IRON BUTTERFLY-WAFER/GEAR OP. BUNA-N (NBR) SEAT	T-337AB-G	WD145-2	5122BG					
DUCTILE IRON BUTTERFLY-LUG/LEVER OP. BUNA-N (NBR) SEAT	T-367AB	LD145-1	6122B					BFVL SERIES
DUCTILE IRON BUTTERFLY-LUG/GEAR OP. BUNA-N (NBR) SEAT	T-367AB-G	LD145-2	6122BG					

*Suggested alternate. Please contact Legend for specifications.



300 N. Opdyke Rd.
Auburn Hills, MI 48326

phone: (800) 752-2082 
fax: (800) 835-4457

web: www.legendvalve.com
email: service@legendvalve.com

