



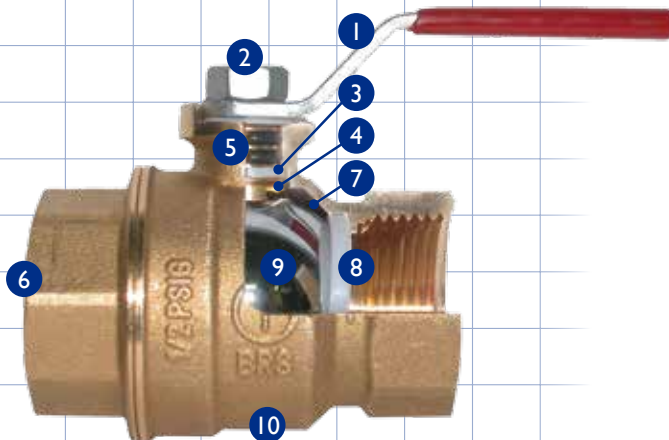
# MAINTENANCE-FREE BALL VALVES

## T/S-1001 Ball Valve

The 1001 Series Full Port Ball Valves are Maintenance-Free because the stem seals with two Viton® O-rings instead of the traditional gland follower or packing gland design. No call backs are necessary to tighten a packing nut. The bottom loaded stem is blowout proof and includes a PTFE thrust washer that reduces friction and makes for easier actuation. The valve body, end adaptor and cavity ball are forged brass for lighter weight and greater durability, resulting in less torque necessary to actuate the valve and longer life for the seats. The steel handle is Dacromet® coated and will not corrode in aggressive environments. Every valve is manufactured to precise tolerances in a completely automated ISO certified factory and 100% pressure tested. The 1001 Series of ball valves are offered in a variety of configurations for residential, commercial and industrial applications. The T/S-1001 is constructed of UNS C37700 forged brass. The T/S-1001NL is constructed of no lead binary brass alloy.



- Saturated Steam (WSP): 150 PSI
- Cold Working Pressure (CWP): 600 PSI (1/8" - 2"); 400 PSI (2-1/2" to 4").
- Conforms to MSS Standard Practice 110.
- Threaded end connections comply with ANSI/ASME B1.20.1
- Solder end connections comply with ANSI/ASME B16.18



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. One Piece Chrome Plated Forged Brass Cavity Ball
10. Forged Brass Body

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## T/S-100I Maintenance-Free Forged Brass Full Port Ball Valve



Maintenance-free design with Dacromet® coated steel handle and nut for greater corrosion resistance. Fully rated ball valve. Available in sizes and configurations 1/8" - 4", FNPT x FNPT and 1/2" - 4", Sweat x Sweat.

- T-100I CSA Certified for use with natural, manufactured, mixed, liquid petroleum, and LP gas air mixtures: 1/2 lb (1/4" - 3"); 2 lb and 5 lb (1/4", 1/2" - 2").
- T-100I ANSI/ASME B16.33 for use in gas piping systems up to 125 psig (1/2" - 1").
- T-100I UL Listed 44R8 for LP, natural and manufactured gases; flammable liquids, #6 oil at 250 deg. F (1/4" - 2").
- T-100I UL Listed 757X for fire protection service (1/2" - 2").
- T-100I Factory Mutual approved for fire protection service (1/2" - 2").

## T/S-100INL Maintenance-Free No Lead Forged Brass Full Port Ball Valve



Maintenance-free, dual Viton® O-ring stem design, lighter weight and durable forged no lead brass body, blow-out proof stem, PTFE seats for improved wear. Does not require any additional steps to solder, as compared to traditional brass valves. Suitable for potable water applications. 1/8" - 4", FNPT x FNPT and 1/2" - 4", Sweat x Sweat.

- Third party certified no lead, ANSI/NSF 61-G, NSF.
- T-100INL CSA Certified for use with natural, manufactured, mixed, liquid petroleum, and LP gas/air mixtures: 1/2 lb (1/2" - 3"); 2 lb and 5 lb (1/4", 1/2" - 2").
- T-100INL ANSI/ASME B16.33 for use in gas piping systems up to 125 psig (1/2" - 1").
- T-100INL UL Listed 44R8 for LP, natural and manufactured gases; flammable liquids, #6 oil at 250 deg. F (1/4" - 2").
- T-100INL Factory Mutual approved for fire protection service (1/2" - 2").
- T-100INL UL listed 757X for fire protection service (1/2" - 2").

## T/S-100IT Maintenance-Free Forged Brass Full Port Ball Valve with T-Handle



Maintenance-free, dual Viton® O-ring stem design, lighter weight and durable forged traditional brass body, blow-out proof stem, PTFE seats for improved wear. Coated cast aluminum tee handle that is light weight and compact in size. Available in sizes and configurations 1/2" x 1", FNPT x FNPT and 1/2" - 1", Sweat x Sweat.

- T-100IT CSA Certified for use with natural, manufactured, mixed, liquid petroleum, and LP gas/air mixtures: 1/2 lb (1/2" - 3"); 2 lb and 5 lb (1/4", 1/2" - 2").
- T-100IT ANSI/ASME B16.33 for use in gas piping systems up to 125 psig (1/2" - 1").
- T-100IT UL Listed 44R8 for LP, natural and manufactured gases; flammable liquids, #6 oil at 250 deg. F (1/4" - 2").
- T-100IT UL Listed 757X for fire protection service (1/2" - 2").
- T-100IT Factory Mutual approved for fire protection service (1/2" - 2").

## T/S-100ITNL Maintenance-Free No Lead Forged Brass Full Port Ball Valve with T-Handle



Maintenance-free, dual Viton® O-ring stem design, lighter weight and durable forged no lead brass body, blow-out proof stem, PTFE seats for improved wear. Coated cast aluminum tee handle that is light weight and compact in size. Available in sizes and configurations 1/2" x 1", FNPT x FNPT and 1/2" - 1", Sweat x Sweat.

- Third party certified no lead, ANSI/NSF 61-G, NSF.
- T-100ITNL CSA Certified for use with natural, manufactured, mixed, liquid petroleum, and LP gas/air mixtures: 1/2 lb (1/2" - 3"); 2 lb and 5 lb (1/4", 1/2" - 2").
- T-100ITNL ANSI/ASME B16.33 for use in gas piping systems up to 125 psig (1/2" - 1").
- T-100ITNL UL Listed 44R8 for LP, natural and manufactured gases; flammable liquids, #6 oil at 250 deg. F (1/4" - 2").
- T-100ITNL Factory Mutual approved for fire protection service (1/2" - 2").

## T/S-1002 Forged Brass Full Port Ball Valve



Forged traditional brass full port ball valve, bottom load blow-out proof stem with PTFE packing gland and nut. Available in sizes and configurations 1/4" - 3", FNPT x FNPT and 3/8" - 3", Sweat x Sweat.

- T-1002 CSA Certified for use with natural, manufactured, mixed, liquid petroleum, and LP gas/air mixtures: 1/2 lb (1/2" - 2"); 2 lb and 5 lb (1/2" - 2").
- T-1002 ANSI/ASME B16.33 for use in gas piping systems up to 125 psig (1/2" - 2").
- T-1002 UL Listed 44R8 for LP, natural and manufactured gases; flammable liquids, #6 oil at 250 deg. F (1/2" - 2").
- T-1002 Factory Mutual approved for fire protection service (1/2" - 2").

## T/S-1002NL No Lead Forged Brass Full Port Ball Valve



Forged no lead brass full port ball valve, bottom load blow-out proof stem with PTFE packing gland and nut. Constructed of no lead binary brass alloy. Suitable for potable water applications. Does not require any additional steps to solder, as compared to traditional brass valves. Available in sizes and configurations 1/4" - 3", FNPT x FNPT and 3/8" - 3", Sweat x Sweat.

- Third party certified no lead ANSI/NSF 61-G, Truesdail.
- T-1002NL CSA Certified for use with natural, manufactured, mixed, liquid petroleum, and LP gas/air mixtures: 1/2 lb (1/2" - 2"); 2 lb and 5 lb (1/2" - 2").
- T-1002NL ANSI/ASME B16.33 for use in gas piping systems up to 125 psig (1/2" - 2").
- T-1002NL UL Listed 44R8 for LP, natural and manufactured gases; flammable liquids, #6 oil at 250 deg. F (1/2" - 2").
- T-1002NL Factory Mutual approved for fire protection service (1/2" - 2").

## T/S-1102 Forged Brass Full Port Valve with Drain



Forged traditional brass full port ball valve, bottom load blow-out proof stem with PTFE packing gland and nut. Drain for maintenance and freeze protection. Available in sizes and configurations 1/2" - 1", FNPT x FNPT and 1/2" - 1", Sweat x Sweat.

- Saturated Steam (WSP): not suitable for steam applications.
- Cold Working Pressure (CWP): 600 PSI.

## T/S-1102NL No Lead Forged Brass Full Port Valve with Drain



Forged no lead brass full port ball valve, bottom load blow-out proof stem with PTFE packing gland and nut. Drain for maintenance and freeze protection. Constructed of no lead binary brass alloy. Does not require any additional steps to solder, as compared to traditional brass valves. Suitable for potable water applications. Available in sizes and configurations 1/2" - 1", FNPT x FNPT and 1/2" - 1", Sweat x Sweat.

- Third party certified no lead ANSI/NSF 61-G, Truesdail.
- Saturated Steam (WSP): not suitable for steam applications.
- Cold Working Pressure (CWP): 600 PSI.

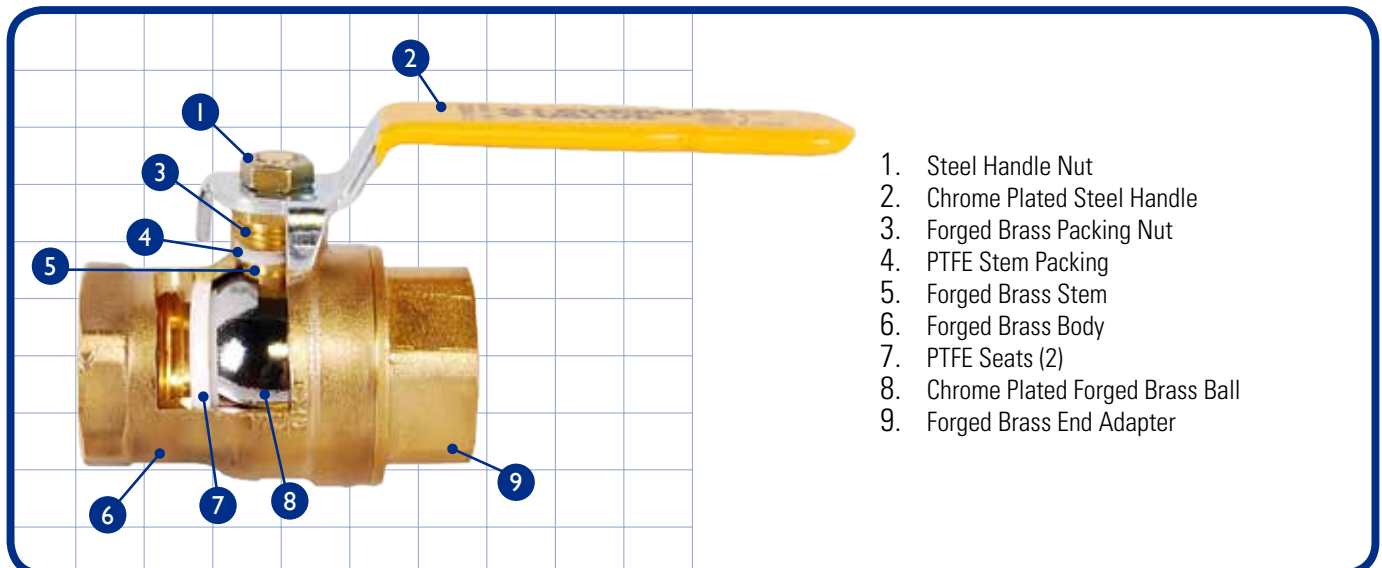


# FULL PORT BALL VALVES

## T/S-1002 Ball Valve

The 1002 Series Full Port Ball Valves are made of durable forged brass for lighter weight and greater strength. The stem is bottom loaded, thus blow-out proof. The gland follower design has a PTFE stem packing. The valve body, end adaptor and ball are forged brass. PTFE seats reduce friction, makes a positive seal and improve seat wear. The chrome plated steel handle has a vinyl covered sleeve. Every valve undergoes pressure testing. The 1002 Series is offered in a variety of configurations. The Legend 1002 ball valve series has been manufactured for more than twenty years in the same ISO certified manufacturing facility using best-in-class TQM processes. The T/S-1002 is constructed of UNS 37700 brass alloy. The T/S-1002NL is made using no lead binary brass alloy.

- Saturated Steam (WSP): 150 PSI
- Cold Working Pressure (CWP): 600 PSI (1/4" - 3")
- Conforms to MSS SP-110.
- Threaded end connections comply with ANSI/ASME B1.20.1
- Solder end connections comply with ANSI/ASME B16.18



### T-1002ST Forged Brass Full Port Ball Valve with Stainless Steel Ball & Stem



Traditional brass full port ball valve, bottom-loaded blow-out proof stem with PTFE packing gland and nut. 304 stainless steel ball and stem which are stronger and ideal for more heavy use, more frequent operation. Available in sizes and configurations 1/2" - 2", FNPT x FNPT.

- T-1002ST CSA Certified for use with natural, manufactured, mixed, liquid petroleum, and LP gas/air mixtures: 1/2 lb (1/2" - 2"); 2 lb and 5 lb (1/2" - 2").
- T-1002ST ANSI/ASME B16.33 for use in gas piping systems up to 125 psig (1/2" - 2").
- T-1002ST UL Listed 44R8 for LP, natural and manufactured gases; flammable liquids, #6 oil at 250 deg. F (1/2" - 2").
- T-1002ST Factory Mutual approved for fire protection service (1/2" - 2").

### T-1002STLD Forged Brass Full Port Ball Valve with Stainless Steel Ball & Stem with Locking Device



Traditional brass full port ball valve, bottom-loaded blow-out proof stem with PTFE packing gland and nut, 304 stainless steel ball and stem which are stronger and ideal for more heavy use, more frequent operation. Chrome plated steel handle with locking mechanism, eyelet for padlock. Available in sizes and configurations 1/2" - 2", FNPT x FNPT.

- T-1002STLD CSA Certified for use with natural, manufactured, mixed, liquid petroleum, and LP gas/air mixtures: 1/2 lb (1/2" - 2"); 2 lb and 5 lb (1/2" - 2").
- T-1002STLD ANSI/ASME B16.33 for use in gas piping systems up to 125 psig (1/2" - 2").
- T-1002STLD UL Listed 44R8 for LP, natural and manufactured gases; flammable liquids, #6 oil at 250 deg. F (1/2" - 2").
- T-1002STLD Factory Mutual approved for fire protection service (1/2" - 2").

### T-1002LD Forged Brass Full Port Ball Valve with Locking Device



Traditional brass full port ball valve, bottom-loaded blow-out proof stem with PTFE packing gland and nut. Chrome plated steel handle with locking mechanism, eyelet for padlock. Available in sizes and configurations 1/4" - 2", FNPT x FNPT.

- T-1002LD CSA Certified for use with natural, manufactured, mixed, liquid petroleum, and LP gas/air mixtures: 1/2 lb (1/2" - 2"); 2 lb and 5 lb (1/2" - 2").
- T-1002LD ANSI/ASME B16.33 for use in gas piping systems up to 125 psig (1/2" - 2").
- T-1002LD UL Listed 44R8 for LP, natural and manufactured gases; flammable liquids, #6 oil at 250 deg. F (1/2" - 2").
- T-1002LD Factory Mutual approved for fire protection service (1/2" - 2").

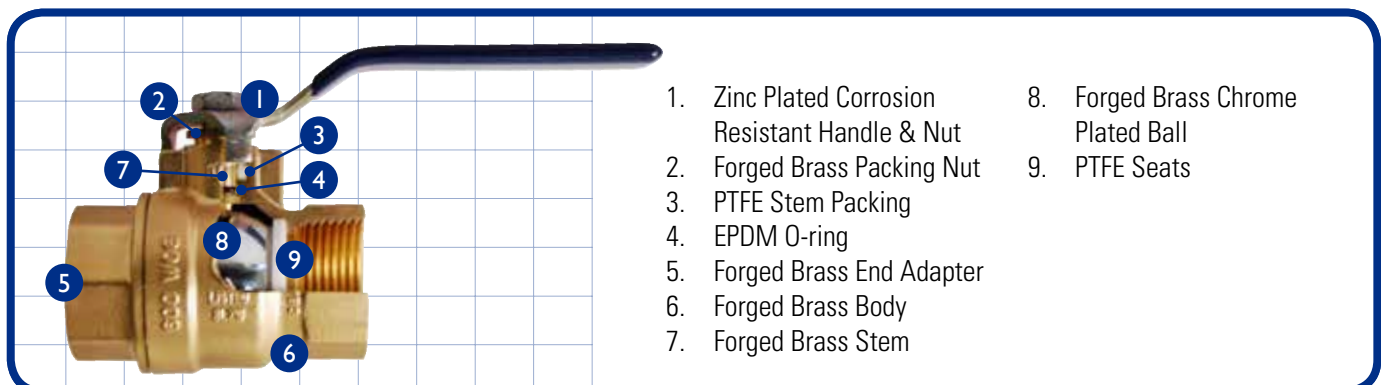
## FULL PORT BALL VALVES

### T/S-2000 Ball Valve

The 2000 series ball valve have both a PTFE packing gland with nut and an EPDM O-ring seal stem design. The full port ball valve body, end adaptor and chrome plated ball are constructed of forged brass. The stem is bottom loaded, thus blow-out proof. The EPDM O-ring stem and PTFE seats reduce friction when actuating the valve making it easier to turn. The vinyl covered, zinc plated steel handle and nut resists corrosion. The 2000 series ball valves have a large pattern body for tremendous durability in various residential, commercial and industrial applications. The 2000 Series valve design is offered in a several configurations and brass alloys for a wide range of uses in potable water and gas systems. Every valve is pressure tested at the ISO certified manufacturing facility. The T/S-2000NL valve in sizes 1/4" - 1" have a no lead forged brass ball; whereas, valve sizes 1-1/4" - 4" have a 304 stainless steel ball.



- Saturated Steam (WSP): 150 PSI
- Cold Working Pressure (CWP): 600 PSI (1/4" - 2"); 400 PSI (2-1/2" - 4").
- Conforms to MSS Standard Practice 110.
- Threaded end connections comply with ANSI/ASME B1.20.1
- Solder end connections comply with ANSI/ASME B16.18



## T/S-2000 Forged Brass Full Port Ball Valve



The T/S-2000 full port ball valve has a larger pattern body suitable for most any application. The EPDM O-ring and PTFE packing gland stem assures reliable and smoother operation requiring less torque to operate. The PTFE seats reduce friction thus improving the long life of the valve. The ball is chrome plated brass. The nickel plated handle is corrosion resistant. Available in sizes and configurations 1/4" - 4", FNPT x FNPT and 1/2" - 4", Sweat x Sweat.

- T-2000 CSA Certified for use with natural, manufactured, mixed, liquid petroleum, and LP gas/air mixtures: 1/2 lb (1/2" - 2"); 2 lb and 5 lb (1/4", 1/2" - 4").
- T-2000 UL Listed 3LZW for LP, natural and manufactured gases; to 250 PSI maximum.
- Factory Mutual approved for fire protection service (1/4" - 2" FNPT x FNPT & 1/2" - 2" Sweat x Sweat).

## T/S-2000NL No Lead Forged Brass Full Port Ball Valve



The T/S-2000NL no lead brass full port ball valve has a larger pattern body suitable for most any application. Constructed of no lead & DZR binary brass alloy. Available in sizes and configurations 1/4" - 4", FNPT x FNPT and 1/2" - 4", Sweat x Sweat.

- Third party certified no lead ANSI/ NSF 61-G, UPC/IAPMO
- T-2000NL CSA Certified for use with natural, manufactured, mixed, liquid petroleum, and LP gas/air mixtures: 1/2 lb (1/2" - 3"); 2 lb and 5 lb (1/4", 1/2" - 2").
- T-2000NL ANSI/ASME B16.33 for use in gas piping systems up to 125 psig (1/2" - 2").
- T-2000NL UL Listed 3LZW for LP, natural and manufactured gases; to 250 PSI maximum.
- Factory Mutual approved for fire protection service (1/4" - 2" FNPT x FNPT & 1/2" - 2" Sweat x Sweat).

## T/S-2102NL No Lead Forged Brass Full Port Ball Valve with Drain



T/S-2102NL no lead brass full port ball valve with drain is ideal for maintenance and freeze protection. The EPDM O-ring and PTFE packing gland stem assures reliable and smoother operation requiring less torque. Constructed of no lead & DZR binary brass alloy. 1/2" - 1", FNPT x FNPT and 1/2" - 1", Sweat x Sweat.

- Third party certified no lead ANSI/NSF 61-G, UPC/IAPMO.
- Saturated Steam (WSP): not suitable for steam applications.
- Cold Working Pressure (CWP): 600 PSI.

## T/S-2001NL No Lead Forged Brass Waterball™ Full Port Ball Valve



The T/S-2001NL is a smaller pattern full port ball valve designed exclusively for potable water applications in compliance with the no lead law. Constructed of no lead & DZR binary brass alloy that requires no additional steps to solder as compared to traditional brass. Available in sizes and configurations 1/2" - 2", FNPT x FNPT and 1/2" - 2", Sweat x Sweat.

- Third party certified no lead ANSI/NSF 61-G, UPC/IAPMO.
- Saturated Steam (WSP): not suitable for steam applications.
- Cold Working Pressure (CWP): 600 PSI.

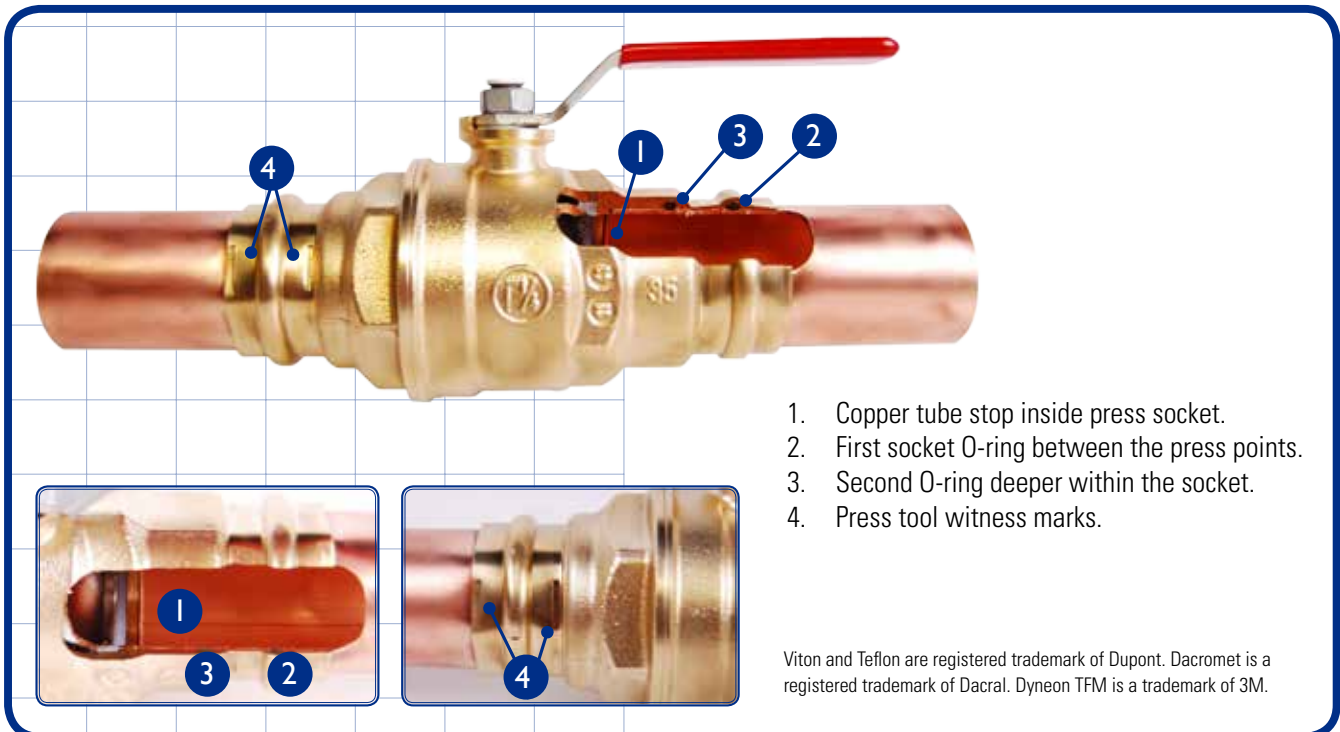


## PRESS FITTING BALL VALVES

### P-200 LegendPress™ MAINTENANCE-FREE Ball Valve

The Legend P-200 series of press ball valves features the same reliability you've come to expect from the T/S-1001, the preferred ball valve for thousands of plumbing and heating contractors. The P-200NL No Lead LegendPress™ Ball Valve has the same proven Viton® O-ring stem design that eliminates the need for a packing gland and nut. LegendPress™ reduces labor and call backs. Compatible with VUS/XL-C profile jaws. The P-200NL press sockets have greater depth for stabilizing the copper when pressing which assures a solid connection. The press sockets have two EPDM O-rings for added assurance that a seal is made when pressed. Corrosion resistant Dacromet® coated steel handle, with vinyl cover. LegendPress™ is available in several configurations: Press x Press, MNPT x Press, FNPT x Press and Union x Press. The P-200 is constructed of UNS C37700 forged brass. The P-200NL is constructed of no lead binary brass. P-200 is compatible with copper ring adapters, has a single EPDM O-ring and beveled brass socket edge instead of a steel grip ring that could move and interfere with a proper press. (\*1/2" - 2" VUS & 2 1/2" - 4" XLC).

- Saturated Steam (WSP): Not suitable for steam applications.
- Cold Working Pressure (CWP): 600 PSI (1/2" & 3/4"); 500 PSI (1" - 1-1/4"); 400 PSI (1-1/2" - 3"); 300 PSI (4").
- Maximum Service Temperature: 230° F
- Threaded end connections comply with ANSI/ASME B1.20.1



### P-200 LegendPress™ Press x Press

Forged Brass Full Port Ball Valve



Available in sizes and configurations: 1/2" - 2", Press x Press.

### P-200 LegendPress™ Large Diameter, Press x Press

Forged Brass Large Diameter Full Port Ball Valve



Large diameter and deep sockets for stability. Available in sizes and configurations: 2-1/2", 3" & 4", Press x Press.

### P-200NL LegendPress™ No Lead Press x Press



No Lead Forged Brass Full Port Ball Valve



Third-party certified ANSI/NSF 61-G, NSF. Available in sizes and configurations: 1/2" - 2", Press x Press.

### P-200NL LegendPress™ No Lead Large Diam. Press



No Lead Forged Brass Large Diameter Full Port Ball Valve



Large diameter and deep sockets for stability. Third-party certified ANSI/NSF 61-G, NSF. Available in sizes and configurations: 2-1/2", 3" & 4", Press x Press.

### P-200 LegendPress™ with T-handle Press x Press

Forged Brass Full Port Ball Valve



Available in sizes and configurations: 1/2" - 1-1/4", Press x Press. Pre-assembled extended plastic T-Handle, with discs: Red (hot), Blue (cold), and Purple (reclaimed).

### P-200 LegendPress™ MNPT x Press

Forged Brass Full Port Ball Valve



Available in sizes and configurations: 1/2" - 2", MNPT x Press.

### P-200 LegendPress™ FNPT x Press

Forged Brass Full Port Ball Valve



Available in sizes and configurations: 1/2" - 2", FNPT x Press.

### P-200 LegendPress™ Union x Press

Forged Brass Full Port Ball Valve



Available in sizes and configurations: 1/2" - 1-1/4", MNPT x Press.

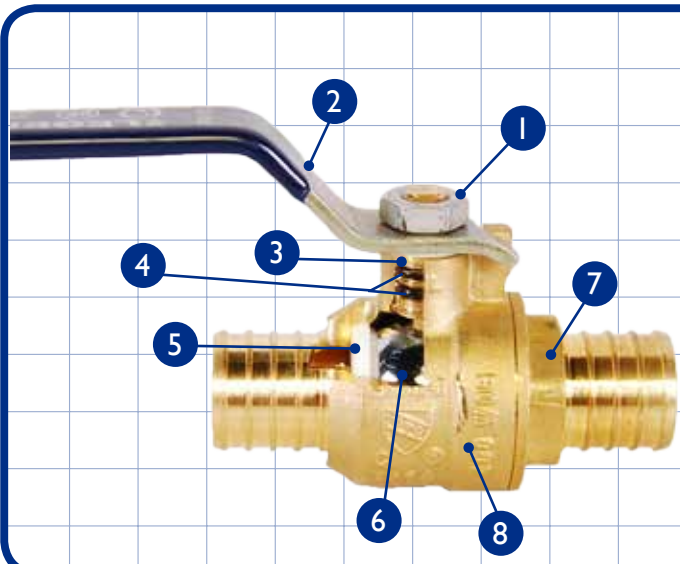
## PEX BALL VALVES

### Legend PEX MAINTENANCE-FREE Full Port Ball Valve

Legend has the most expansive offering of compact, durable and labor saving full port PEX ball valves. All Legend PEX ball valves feature the dual O-ring stem design that requires no packing nut removing the potential for call backs. The valves are constructed of binary brass to meet all no lead requirements. Three models are configurations based on the T-1001 model which feature dual Viton® O-rings, a corrosion resistant Dacromet® coated steel handle, and are constructed of no lead binary brass. These include the T-806NL and T-805NL. The T-2005NL, T-2006NL, T-2007NL, T-2008NL, & T-1960NL are based on the T-2000NL Full Port Ball Valve. These PEX models feature dual EPDM O-rings, zinc plated steel handle and are constructed of binary brass which are also dezincification resistant. All valves are third party certified no lead ANSI/NSF 61-G, NSF or IAPMO.



- Cold Working Pressure (CWP): 400 PSI
- PEX barb ends comply with ASTM F1807
- (Model T-1960) PEX barb ends comply with ASTM F-1960
- ANSI/ASTM B1.20.1 Male iron pipe threads
- ANSI/ASTM B16.18 Sweat



1. Zinc Plated Steel Nut
2. Zinc Plated Steel Handle with Vinyl Sleeve
3. No Lead Forged Brass Stem
4. Dual EPDM O-rings On Stem
5. PTFE Seats (2)
6. No Lead Chrome Plated Forged Brass Ball
7. No Lead Forged Brass End Adapter
8. No Lead Forged Brass Body

### T-806NL No Lead Forged Brass PEX x PEX Maintenance-Free Full Port PEX Ball Valve



Maintenance-free dual Viton® O-ring stem seal, Dacromet® coated steel handle, CWP 400 PSI, ASTM F1806 PEX Ends. Third party certified no lead ANSI/NSF 61-G, NSF. Configuration and Sizes: PEX x PEX, 3/8" - 1".

### T-805NL No Lead Forged Brass Sweat x PEX Maintenance-Free Full Port Ball Valve with Tee Handle



Maintenance-free dual Viton® O-ring stem seal, coated cast aluminum handle, CWP 400 PSI, ASTM F1806 PEX Ends. With coated cast aluminum tee handle. Third party certified no lead ANSI/NSF 61-G, NSF. Configuration and Sizes: Sweat x PEX, 1/2" & 3/4".

### T-805NL No Lead Forged Brass MNPT x PEX Maintenance-Free Ball Valve with Tee Handle



Maintenance-free dual Viton® O-ring stem seal, coated cast aluminum handle, CWP 400 PSI, ASTM F1806. With coated cast aluminum tee handle. Third party certified no lead ANSI/NSF 61-G, NSF. Configuration and Sizes: MNPT x PEX, 1/2" & 3/4".

### T-2006NL No Lead & DZR Forged Brass PEX x PEX Full Port Ball Valve



Maintenance-free dual EPDM® O-ring stem seal, zinc plated steel handle with vinyl cover CWP 400 PSI, ASTM F1806. Third party certified no lead ANSI/NSF 61-G & ANSI/NSF 14, IAPMO. Configuration and Sizes: PEX x DZR PEX, 1/2" - 1-1/4".

### T-1960NL No Lead & DZR Forged Brass PEX x PEX Cold Expansion Full Port Ball Valve



Maintenance-free dual EPDM® O-ring stem seal, zinc plated steel handle with vinyl sleeve CWP 400 PSI, cold expansion PEX ends, ASTM F 1960. Third Party certified no lead ANSI/NSF 61-G & ANSI/NSF 14, IAPMO. Configuration and Sizes: PEX x DZR PEX, 1/2" - 1".



### T-2006NL No Lead & DZR Forged Brass PEX x PEX Full Port Ball Valve with Tee Handle



Maintenance-free dual EPDM® O-ring stem seal, zinc plated steel tee handle, CWP 400 PSI, Third Party certified no lead ANSI/NSF 61-G & DZR ANSI/NSF 14, IAPMO. ASTM F1806. Configuration and Sizes: PEX x PEX, 1/2" - 3/4".

### T-2007NL No Lead & DZR Forged Brass PEX x PEX Drain Full Port Ball Valve with Tee Handle



Maintenance-free dual EPDM® O-ring stem seal, zinc plated steel tee handle, CWP 400 PSI, with drain. Third Party certified no lead ANSI/NSF 61-G & DZR ANSI/NSF 14, IAPMO. ASTM F1806. Configuration and Sizes: PEX x PEX, 1/2" - 1".

### T-2007NL No Lead & DZR Forged Brass Sweat x PEX Full Port Ball Valve with Drain



Maintenance-free dual EPDM® O-ring stem seal, zinc plated steel handle with vinyl sleeve CWP 400 PSI, with drain. Third Party certified no lead ANSI/NSF 61-G & DZR ANSI/NSF 14, IAPMO. ASTM F1806. Configuration and Sizes: Sweat x PEX, 1/2" - 1".

### T-2005NL No Lead & DZR Forged Brass MNPT x PEX Full Port Ball Valve



Maintenance-free dual EPDM® O-ring stem seal, zinc plated steel handle with vinyl sleeve. Third Party certified no lead ANSI/NSF 61-G & DZR ANSI/NSF 14, IAPMO. CWP 400 PSI. ASTM F1806. Configuration and Sizes: MNPT x PEX, 1/2" - 1".

### T-2008NL No Lead & DZR Forged Brass PEX x PEX Drop Ear Full Port Ball Valve



Maintenance-free dual EPDM® O-ring stem seal, zinc plated steel handle with vinyl sleeve and drop ears. CWP 400 PSI. Third Party certified no lead ANSI/NSF 61-G & DZR ANSI/NSF 14, IAPMO. ASTM F1806. Configuration and Sizes: PEX x PEX, 1/2" - 1".

## PUSH FIT AND COMPRESSION BALL VALVES

Push fit and compression ball valves are labor saving and ideal for repair and maintenance plumbing. Legend Insta-loc II™ push fit ball valves fit onto copper, PEX and CPVC tubing. The Insta-loc II™ can be removed using the disconnect tool by pushing down on the collar at the fitting end which releases the stainless steel grip ring. The compression ball valves fit onto copper tubing. These valves are manufactured in ISO certified facilities, 100% pressure tested. Each model is third party certified no lead ANSI/NSF 61-G, IAPMO or NSF.

### P-2200NL Insta-Loc II™ No Lead Forged Brass Push-To-Connect Full Port Ball Valve



Push fit connect ends can be installed onto copper, PEX or CPVC. Insert stiffeners are included for use with PEX tubing. Configuration and Sizes: PTC x PTC 1/2", 3/4", & 1". CWP 200 PSI. Third party certified no lead ANSI/NSF 61-G & DZR ANSI/NSF 14, IAPMO. ASSE 1061.

### P-2200NL Insta-Loc II™ No Lead Forged Brass Drop Ear Ball Valve



The P-2200NL Insta-Loc II™ drop ear ball valve stabilizes onto a frame or structure. Push fit connect ends can be installed onto copper, PEX or CPVC. Insert stiffeners are included for use with PEX tubing. Configuration and Sizes: PTC x PTC 1/2", 3/4", & 1". CWP 200 PSI. Third party certified no lead ANSI/NSF 61-G & DZR ANSI/NSF 14, IAPMO. ASSE 1061.

### P-2200NL Insta-Loc II™ No Lead Forged Brass FNPT x PTC Full Port Ball Valve



Push fit connect ends can be installed onto copper, PEX or CPVC. Insert stiffeners are included for use with PEX tubing. Configuration and Sizes: FNPT x PTC 1/2", 3/4", & 1". CWP 200 PSI. Third party certified no lead ANSI/NSF 61-G & DZR ANSI/NSF 14, IAPMO. ASSE 1061.

### T-1009NL No Lead Forged Brass Compression x Compression Maintenance-Free Full Port Ball Valve



Maintenance-free dual o-ring full port ball valve with compression ends for convenient installation onto copper tubing. Constructed of no lead binary brass. Configuration and Sizes: Compression x Compression, 1/2", 3/4", & 1". Third party certified no lead ANSI/NSF 61-G, NSF.

### T-2009NL No Lead Forged Brass Compression x Compression Full Port Ball Valve



Full port ball valve with compression ends for convenient installation onto copper tubing. Constructed of no lead binary brass. Configuration and Sizes: Compression x Compression, 1/2", 3/4", & 1". Third party certified no lead ANSI/NSF 61-G, IAPMO.

### T-2002NL No Lead Forged Brass Compression x Compression Full Port Ball Valve with Drain



Full port ball valve with drain and compression ends for convenient installation onto copper tubing. Constructed of no lead binary brass. Configuration and Sizes: Compression x Compression 1/2", 3/4", & 1". Third party certified no lead ANSI/NSF 61-G, IAPMO.

## SPECIALTY BALL VALVES

The following Legend ball valves models are designed for special applications; such as, the simpler and labor saving connecting of piping systems to boilers and tankless water heaters. Select models are constructed of no lead brass alloy for applications within a potable water system. These valves are manufactured in ISO certified facilities, 100% pressure tested. The no lead ball valves are third party certified.

### T-1002CC Forged Brass Full Port Ball Valve with Cap & Chain



Traditional forged brass full port ball valve, 3/4" FNPT x 3/4" GHT. Garden hose includes GHT cap with gasket and tethered to valve end. \*Capped GHT connection is rated 125 PSI.

- Saturated Steam (WSP): not recommended for steam applications.
- Cold Working Pressure (CWP): 600 PSI\*
- Threaded end connections comply with ANSI/ASME B1.20.1
- Garden hose end connections comply with ANSI/ASME B1.20.7

### T-2100 Forged Brass Full Port Three-Way Ball Valve



Traditional forged brass full port ball valve diverts media to the side-leg connection from either run connection. Directional arrow on handle indicates flowpath. Configurations and Sizes: FNPT x FNPT x FNPT, 1/4" - 2".

- Cold Working Pressure (CWP): 600 PSI
- Threaded end connections comply with ANSI/ASME B1.20.1

### T-2000MxSNL No Lead Forged Brass Full Port Ball Valve, MNPT x Sweat



No lead forged brass full port ball valve for transitioning from a tank or boiler directly to copper tube. Configuration and Size: MNPT x Sweat, 3/4" x 3/4".

- Saturated Steam (WSP): 150 PSI
- Cold Working Pressure (CWP): 600 PSI
- Threaded end connections comply with ANSI/ASME B1.20.1
- Sweat end connections comply with ANSI/ASME B16.18
- Third party certified no lead ANSI/NSF 61-G, IAPMO.



## T-I007 Forged Brass Full Port Ball Valve FNPT x Sweat - Connection to Boilers



Traditional forged brass full port ball valve for connecting boilers to copper tube. Configurations and Sizes: FNPT x Sweat, 1/2" - 1".

- Saturated Steam (WSP): 150 PSI
- Cold Working Pressure (CWP): 600 PSI
- Threaded end connections comply with ANSI/ASME B1.20.1
- Sweat end connections comply with ANSI/ASME B16.18

## No Lead Forged Brass Tankless Water Heater Valve Kits



Hot and cold water heater isolation valves and pressure relief valve. No lead brass full port ball valves, include 150 PSI pressure relief valve. Tethered cap on tool activated drain valves integral in body of each valve, hot and cold. Configuration and Size: FNPT (Captive Union) X FNPT, Sweat (Captive Union) X Sweat, 3/4" x 3/4", & 1" x 1".

- Saturated Steam (WSP): not recommended for steam applications.
- Cold Working Pressure (CWP): 600 PSI
- Threaded end connections comply with ANSI/ASME B1.20.1
- Sweat end connections comply with ANSI/ASME B16.18
- Garden hose end connections comply with ANSI/ASME B1.20.7
- PRV ASME listed, ANSI Z21.22 / CSA 4.4: CSA rated to 200,000 BTU/HR.
- ASME rated 150 PSI and 500,000 BTU/HR.
- Select models include 150 PSI, 2.7 million BTU/hr PRV
- Third party certified, IAPMO, ANSI/NSF 61-G.

# ISOLATION FLANGED BALL VALVES

Legend isolation ball valves permit circulation pump removal without draining the complete system. The standard diamond-shaped flange connects to the circulation pump with two bolts and nuts, which are included with each valve. These valves are manufactured in ISO certified facilities, 100% pressure tested. Each isolation ball valve is individually boxed.

## T/S -I002FLG Forged Brass Isolation Full Port Ball Valve - Flanged



Traditional forged brass full port ball valve with flanged end for isolating circulator pumps. Configuration and Size: FNPT x Flange, Sweat x Flange, and 3/4", 1" and 1-1/4".

- Saturated Steam (WSP): 150 PSI
- Cold Working Pressure (CWP): 600 PSI
- Threaded end connections comply with ANSI ASME B1.20.1
- Sweat end connections comply with ANSI/ASME B16.18

### T/S-2011RFLG Forged Brass Isolation Full Port Ball Valve - Rotating Flange



Traditional forged brass full port ball valve with flanged end for isolating circulator pumps. Standard flange connection rotates for positioning valve. Mounting holes are elongated to fit high velocity pumps. Configuration and Size: FNPT x Flange, Sweat x Flange, and 3/4", 1" and 1-1/4".

- Saturated Steam (WSP): Not recommended for steam service.
- Cold Working Pressure (CWP): 600 PSI
- Threaded end connections comply with ANSI/ASME B1.20.1
- Sweat end connections comply with ANSI/ASME B16.18

### T/S-2012RFLG Forged Brass Isolation Full Port Ball Valve - Rotating Flange & Purge



Traditional forged brass full port ball valve with flanged end and integrated drain valve for isolating circulator pumps. Standard flange connection rotates for positioning valve. Mounting holes are elongated to fit high velocity pumps. 1/4- turn tool activated drain valve with 3/4" GHT end and tethered brass cap. Configuration and Size: FNPT x Flange, Sweat x Flange, and 3/4", 1" and 1-1/4".

- Saturated Steam (WSP): Not recommended for steam service.
- Cold Working Pressure (CWP): 600 PSI
- Threaded end connections comply with ANSI/ASME B1.20.1
- Sweat end connections comply with ANSI/ASME B16.18
- Garden hose end connections comply with ANSI/ASME B1.20.7

### P-2011 LegendPress™ Forged Brass Isolation Full Port Ball Valve



LegendPress™ press fitting end traditional forged brass full port ball valve with flanged end connection for isolating circulator pumps. Mounting holes are elongated to fit high velocity pumps. Standard flange connection rotates for positioning valve. Configuration and Size: Press Fitting x Flange, 3/4", 1" and 1-1/4".

- Saturated Steam (WSP): Not recommended for steam service.
- Cold Working Pressure (CWP): 600 PSI

## INDUSTRIAL FULL PORT BALL VALVES

Legend offers industrial ball valves for potable and non-potable water systems, process piping and pneumatics, including the T/S-1004 Cubic Ball Valve. The T/S-1004 features a chrome plated forged brass cubic ball that has less surface area in contact with the seats. This minimizes the friction between the ball and seats, reducing the operational torque to actuate by 20% and increases the seat life by 50%. The select Legend industrial ball valves suitable for potable water systems are constructed of either no lead forging or casting brass. These valves are manufactured in ISO certified facilities, 100% pressure tested. Each no lead model is third party certified.

### T/S-1004 Forged Brass Full Port Cubic Ball Valve



Forged body and end adapters are oversized. Large body with large wrench flats. Available in sizes and configurations 1/2" - 4", FNPT x FNPT and 1/2" - 3" Sweat x Sweat.

- Saturated Steam (WSP): 150 PSI
- Cold Working Pressure (CWP): 600 PSI
- T-1004 CSA Certified for use with natural, manufactured, mixed, liquid petroleum, and LP gas/air mixtures: 1/2 lb (1/2" - 2"); 2 lb and 5 lb (1/4", 1/2" - 2").
- T-1004 ANSI/ASME B16.33 for use in gas piping systems up to 125 psig (1/2" - 1").
- T-1004 UL Listed 44R8 for LP, natural and manufactured gases; flammable liquids, #6 oil at 250° F (1/2" - 2").
- T-1004 UL Listed 757X for fire protection service (1/2" - 2").
- T-1004 Factory Mutual approved for fire protection service (1/2" - 2").

### T/S-1004NL No Lead Forged Brass Full Port Cubic Ball Valve



Constructed of no lead binary brass. Available in sizes and configurations 1/2" - 2", FNPT x FNPT and 1/2" - 2" Sweat x Sweat.

- Third party certified no lead, ANSI/NSF 61-G, NSF
- Saturated Steam (WSP): 150 PSI
- Cold Working Pressure (CWP): 600 PSI
- T-1004NL CSA Certified for use with natural, manufactured, mixed, liquid petroleum, and LP gas/air mixtures: 1/2 lb (1/2" - 2"); 2 lb and 5 lb (1/4", 1/2" - 2").
- T-1004NL ANSI/ASME B16.33 for use in gas piping systems up to 125 psig (1/2" - 1").

### T/S-901 Cast Bronze Full Port Ball Valve



Dezincification resistant bronze, heavy pattern body. Blow-out proof stem, PTFE seats and packing gland. Available in sizes and configurations 1/2" - 3", FNPT x FNPT and 1/2" - 2", Sweat x Sweat.

- Saturated Steam (WSP): 150 PSI
- Cold Working Pressure (CWP): 600 PSI
- Conforms to MSS Standard Practice 110
- Threaded end connections comply with ANSI/ASME B1.20.1
- Solder end connections comply with ANSI/ASME B16.18

## T/S-901NL No Lead Cast Bronze Full Port Ball Valve



No lead, dezincification resistant bronze, heavy pattern body. Blow-out proof stem, PTFE seats and packing gland. Available in sizes and configurations 1/2" - 3", FNPT x FNPT and 1/2" - 2", Sweat x Sweat.

- Third party certified no lead, ANSI/NSF 61-G, NSF
- Saturated Steam (WSP): 150 PSI
- Cold Working Pressure (CWP): 600 PSI
- Conforms to MSS Standard Practice 110
- Threaded end connections comply with ANSI/ASME B1.20.1
- Solder end connections comply with ANSI/ASME B16.18

## T-I500 Three Piece Cast Bronze Full Port Ball Valve



Large pattern three-piece cast bronze body and end adapters. Blow-out proof, forged brass stem. Chrome plated cast brass ball. PTFE seats (2), end adapter seals (2), stem seal, and stem packing. Packing nut is forged brass. Chrome plated steel handle with vinyl sleeve. AISI 304 stainless steel bolts, split washers and nuts (4 each).

- Saturated Steam (WSP): 150 PSI
- Cold Working Pressure (CWP): 600 PSI
- Conforms to MSS Standard Practice 110
- Threaded end connections comply with ANSI/ASME B1.20.1

# MINI-BALL VALVES

Mini-ball valves are commonly used to isolate gauges and as testing ports in a potable water piping system. They are also used in process piping systems for a variety of applications. Legend mini-ball valves are constructed of both traditional and no lead brass/bronze alloys to accommodate the many types of applications. Several models are also certified for use in gas piping systems. These valves are manufactured in ISO certified facilities, 100% pressure tested.

## T-900MxF Forged Brass Large Port Ball Valve



Traditional forged brass mini-ball valve, with Dacromet® coated steel handle has vinyl sleeve. Configurations and Sizes: MNPT x FNPT, 1/8" - 1".

- Saturated Steam (WSP): 150 PSI
- Cold Working Pressure (CWP): 600 PSI (1/8" - 3/4"); 500 PSI (1")
- Threaded end connections comply with ANSI/ASME B1.20.1
- CSA Certified for use with natural, manufactured, mixed, liquid petroleum, and LP gas/air mixtures: ASME B16.44 up to 5 PSI, (1/2" - 1").
- UL Listed 757X fire protection service, (1/2" - 1").



## T-900MxFNL No Lead Forged Brass Large Port Ball Valve



No lead forged brass mini-ball valve, with Dacromet® coated steel handle has vinyl cover. Configurations and Sizes: MNPT x FNPT, 1/8" - 1".

- Third party certified no lead, ANSI/NSF 61-G, NSF.
- Saturated Steam (WSP): 150 PSI
- Cold Working Pressure (CWP): 600 PSI (1/8" - 3/4"); 500 PSI (1").
- Threaded end connections comply with ANSI/ASME B1.20.1
- CSA Certified for use with natural, manufactured, mixed, liquid petroleum, and LP gas/air mixtures: ASME B16.44 up to 5 PSI, (1/2" - 1").

## T-900MxF-T Forged Brass Large Port Ball Valve with T-Handle



Traditional forged brass mini-ball valve, with cast aluminum tee handle. Configurations and Sizes: MNPT x FNPT, 1/8" - 1".

- Saturated Steam (WSP): 150 PSI
- Cold Working Pressure (CWP): 600 PSI (1/8" - 3/4"); 500 PSI (1").
- Threaded end connections comply with ANSI/ASME B1.20.1
- CSA Certified for use with natural, manufactured, mixed, liquid petroleum, and LP gas/air mixtures: ASME B16.44 up to 5 PSI, (1/2" - 1").
- UL Listed 757X fire protection service, (1/2" - 1").

## T-900MxF-TNL No Lead Forged Brass Large Port Ball Valve with T-Handle



No lead forged brass mini-ball valve, with cast aluminum tee handle. Configurations and Sizes: MNPT x FNPT, 1/8" - 1".

- Third party certified no lead, ANSI/NSF 61-G, NSF.
- Saturated Steam (WSP): 150 PSI
- Cold Working Pressure (CWP): 600 PSI (1/8" - 3/4"); 500 PSI (1").
- Threaded end connections comply with ANSI / ASME B1.20.1
- CSA Certified for use with natural, manufactured, mixed, liquid petroleum, and LP gas/air mixtures: ASME B16.44 up to 5 PSI.

## T-810 Forged Brass Micro Ball™ Valve



Traditional forged brass, compact body, mini-ball valve with Dacromet® coated steel handle, vinyl cover. Configurations and Sizes: FNPT x FNPT, 1/8" - 1/4".

- Saturated Steam (WSP): 125 PSI
- Cold Working Pressure (CWP): 400 PSI

## T-800T Forged Brass Micro Ball™ Valve with Tee Handle



Traditional forged brass, compact body, mini-ball valve with cast aluminum tee handle. Configurations and Sizes: FNPT x FNPT, 1/8" & 1/4".

- Saturated Steam (WSP): 125 PSI
- Cold Working Pressure (CWP): 400 PSI

## T-800TNL No Lead Forged Brass Micro Ball™ Valve with Tee Handle



No lead forged brass, compact body, mini-ball valve with cast aluminum tee handle. Configurations and Sizes: FNPT x FNPT, 1/8" & 1/4".

- Third party certified no lead, ANSI/NSF 61-G, NSF.
- Saturated Steam (WSP): 125 PSI
- Cold Working Pressure (CWP): 400 PSI

## T-801NL No Lead Cast Brass Ball Valve Test Cocks



No lead cast brass test cock ball valve, with screwdriver slot stem for actuation. Configurations and Sizes: FNPT x MNPT, (1/4" x 1/8") & (1/4" x 1/4").

- Third party certified no lead, ANSI/NSF 61-G, NSF.
- Saturated Steam (WSP): 150 PSI
- Cold Working Pressure (CWP): 600 PSI

## 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 MSS Standard Practice 110. All ball valve seats, end adapter seals 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 SP-110: All models comply.
- ASTM A351 CF8M: Investment cast stainless steel body, end adapters, and ball for sizes 1/2" - 2".
- ASTM A276: 316 stainless steel ball for 1/4" - 1/2".
- AISI 304: Stainless steel handle, locking mechanisms, packing nut, bolts and nuts.

### T-720 Carbon Steel One-Piece Ball Valve



Heavy-duty one-piece carbon steel barstock body. Bottom-loaded blowout-proof stem, 304 stainless steel handle & nut, stem and ball. Ideal for commercial or industrial applications where port size is not critical. Available in sizes and configurations 1/4" - 2", FNPT x FNPT.

- Saturated Steam (WSP): 150 PSI
- Cold Working Pressure (CWP): 2000 PSI (1/4" - 1"); 1500 PSI (1-1/4" - 2").
- Conforms to MSS Standard Practice 110.
- Threaded end connections comply with ANSI/ASME B1.20.1
- Naturally lead free.

## T-725 Carbon Steel Large Port Ball Valve



Heavy-duty two-piece carbon steel investment cast body and end adaptor. Bottom-loaded blowout-proof stem, 316 stainless steel ball and stem, 304 stainless steel latch-lock handle and trim. Fiber reinforced graphite impregnated seats maintain their shape in high pressure service. Integral, tapped mounting pad for actuation or panel attachment. Ideal for commercial or industrial applications. Available in sizes & configurations: 1/4" - 2", FNPT x FNPT.

- Saturated Steam (WSP): 150 PSI
- Cold Working Pressure (CWP): 2000 PSI (1/4" - 1"); 1500 PSI (1-1/4" - 2").
- Conforms to MSS Standard Practice 110
- Threaded end connections comply with ANSI/ASME B1.20.1
- Naturally lead free.

## T-730 Carbon Steel Full Port Ball Valve



Heavy-duty two-piece carbon steel investment cast body design. Bottom-loaded blowout-proof stem, 316 stainless steel ball and stem, 304 stainless steel latch-lock handle and trim. Fiber reinforced graphite impregnated seats maintain their shape in high pressure service. Integral, tapped mounting pad for actuation or panel attachment. Ideal for commercial or industrial applications. Available in sizes & configurations: 1/4" - 2", FNPT x FNPT.

- Saturated Steam (WSP): 150 PSI
- Cold Working Pressure (CWP): 2000 PSI (1/4" - 1"); 1500 PSI (1-1/4" - 2").
- Conforms to MSS Standard Practice 110.
- Threaded end connections comply with ANSI/ASME B1.20.1
- Naturally lead free.

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



Compact, one-piece investment cast body design, 316 stainless steel body & end adaptor. Bottom-loaded blowout-proof stem, 316 stainless steel stem and ball. Equipped with a latch-lock handle (except 1/8" size), 304 stainless steel trim. Ideal for commercial or industrial applications where port size is not critical. Available in sizes & configurations: 1/8" - 2", FNPT x FNPT.

- Saturated Steam (WSP): 150 PSI
- Cold Working Pressure (CWP): 800 PSI
- Conforms to MSS Standard Practice 110.
- Threaded end connections comply with ANSI/ASME B1.20.1
- Naturally lead free.



## T-715 316 Stainless Steel Large Port Ball Valve



Heavy-duty two-piece investment cast body design, 316 stainless steel body & end adaptor. Bottom-loaded blowout-proof stem. Equipped with a latch-lock handle, 304 stainless steel trim, 316 stainless steel stem and ball. Ideal for commercial and industrial applications. Fiber reinforced, graphite impregnated seats maintain their shape in high pressure service. Integral, tapped mounting pad for actuation or panel attachment. Available in sizes & configurations: 1/4" - 2", FNPT x FNPT.

- Saturated Steam (WSP): 150 PSI
- Cold Working Pressure (CWP): 2000 PSI (1/4" - 1"); 1500 PSI (1-1/4" - 2").
- Conforms to MSS Standard Practice 110.
- Threaded end connections comply with ANSI/ASME B1.20.1
- Naturally lead free.

## T-712 316 Stainless Steel Full Port Ball Valve



Heavy-duty two-piece investment cast body design, 316 stainless steel body & end adaptor. Bottom-loaded blowout-proof stem. Equipped with a latch-lock handle, 304 stainless steel trim, 316 stainless steel stem and ball. Ideal for commercial and industrial applications. Integral, tapped mounting pad for actuation or panel attachment. Sizes 2-1/2" - 4" are equipped with dual mounting pads. Available in sizes & configurations: 1/4" - 4", FNPT x FNPT.

- Saturated Steam (WSP): 150 PSI
- Cold working pressure (CWP): 1000 PSI
- Conforms to MSS Standard Practice 110.
- Threaded end connections comply with ANSI/ASME B1.20.1
- Naturally lead free.

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



Heavy-duty three-piece investment cast body design, 316 stainless steel body & adaptors. Bottom-loaded blowout-proof stem. Equipped with a latch-lock handle, 304 stainless steel trim, 316 stainless steel stem and ball. Ideal for commercial and industrial applications. The body center section lifts or swings out to permit servicing without end adapter removal. Available in sizes & configurations: 1/4" - 2", FNPT x FNPT.

- Saturated Steam (WSP): 150 PSI
- Cold working pressure (CWP): 1000 PSI
- Conforms to MSS Standard Practice 110.
- Threaded end connections comply with ANSI/ASME B1.20.1
- Naturally lead free.

### T-710T Stainless Steel Mini-Ball Valve



One-piece cast 316 stainless steel body, 304 stainless steel T-handle. 316 stainless steel stem and ball. Available in 1/4" FNPT x FNPT.

- Saturated Steam (WSP): 150 PSI
- Cold working pressure (CWP): 800 PSI
- Naturally lead free.

### T-710MxF-T Stainless Steel Mini-Ball Valve



One-piece cast 316 stainless steel body, 304 stainless steel T-handle. Available in 1/4" MNPT x FNPT.

- Saturated Steam (WSP): 150 PSI
- Cold working pressure (CWP): 800 PSI
- Naturally lead free.

## GAS BALL VALVES

### T-3000 Series One-Piece Gas Ball Valve

Patented one-piece forged brass body eliminates the possibility of seam leaks that may occur to two-piece body designs. Top loaded chrome plated brass ball. Gas ball valves are ideal for all residential and commercial gas installations. The chrome plated ball and nitrile rubber seats resist contamination building up and offer a positive seal in low or moderate pressure gas applications. With a quarter-turn, ball-type, forged brass design, it is more compact and superior to traditional cast bronze or cast iron gas cocks. The 175 PSI pressure rating permits high-pressure air tests without the grease-seal, blowout common to plug-type gas cocks. Available in eight different configurations to meet most gas connection applications. All gas ball valves are manufactured in a ISO certified facility, 100% pressure tested.

CSA Certified for use with natural, manufactured or mixed liquefied petroleum and LP gas/air mixtures:

- ANSI standard Z21.15 for use as a gas appliance connector valve for 1/2 lb. systems.
- CSA Certified 3-88 for use in 2 or 5 lb. house piping systems.
- Threaded end connections conform to ANSI/ASME B1.20.1
- Not suitable for steam service.

Massachusetts Commonwealth approved (Model T-3001). UL Listed 757X for the sizes 1/2" and 3/4" within the following categories:

- YQNZ.MH19347 Compressed Gas Shutoff Valves.
- YRBX.MH19347 Flammable Liquid Shutoff Valves.
- YRPV.MH19347 Gas Shutoff Valves.
- MHKZ.MH19347 Manual Valves.
- VQGU.EX4196 Valves, Trim and Drain.



**T-3000 Blue Top One-Piece Gas Forged Brass Ball Valve**  
**FNPT x FNPT** (3/8", 1/2" & 3/4")



**T-3000 Blue Top One-Piece Forged Brass Gas Ball Valve**  
**Flare x FNPT** (3/8" x 1/2", 1/2", 1/2" x 3/4", 5/8" (15/16-16) x 1/2", 5/8" (7/8-14) x 3/4", 5/8" (15/16-16) x 3/4")



**T-3000 Blue Top One-Piece Forged Brass Gas Ball Valve**  
**Flare x Flare** (3/8", 1/2" & 5/8")



**T-3000 Blue Top One-Piece Forged Brass Gas Ball Valve**  
**Flare x MNPT** (3/8" x 1/2" & 1/2")



**T-3000 Blue Top One-Piece Forged Brass Gas Ball Valve FNPT x Texas Pattern (1/2" x 1/8" & 3/4" x 1/8")**



**T-3001 Blue Top One-Piece Forged Brass Gas Ball Valve with T-Handle FNPT x FNPT (3/8" - 2")**



**T-3002 Flat Head One-Piece Forged Brass Gas Valve Flathead FNPT x FNPT (1/2" & 3/4")**



**T-3100 Blue Top One-Piece Forged Brass Gas Valve with Sidetap For Testing FNPT x FNPT (1/2" - 1")**



**T-3100 Blue Top One-Piece Forged Brass Gas Valve with Sidetap Flare x Flare (3/8" & 1/2")**

## T-3005 Red Top™ Economy Gas Ball Valve

- Two-piece designed forged brass gas valve with coated zinc-aluminum cast handle. Manufactured in a ISO certified facility.
- CSA Certified for use with natural, manufactured or mixed liquified petroleum and LP gas/air mixtures:
  - ANSI standard Z21.15 for use as a gas appliance connector valve for 1/2 lb. systems.
  - CSA Certified 3-88 for use in 2 or 5 lb. house piping systems.
- UL Listed for the sizes 1/2" and 3/4":
  - YRPV.MH15973 gas shutoff valves
  - MHKZ.MH15973 manual valves
  - VQGU.MH15973 valves, trim and drain
  - Massachusetts Commonwealth approved
- Threaded end connections conform to ANSI/ASME B1.20.1
- Saturated Steam (WSP): not suitable for steam service.
- Cold working pressure (CWP): 400 PSI



FNPT x FNPT (1/2", 3/4" & 1")



## LOW PRESSURE BALL VALVES

Legend quarter-turn low pressure ball valves are configured to replace traditional globe style plumbing valves used in low pressure water systems. These hose end ball valves are available in both traditional and no lead brass alloys. Compared to multi-turn low pressure valves, ball valves have far greater flow characteristics, are more compact for tight spaces and have easy quarter turn actuation. All quarter turn low pressure are manufactured in a ISO certified facility, 100% pressure tested.

- Saturated Steam (WSP): not suitable for steam service.
- Cold working pressure (CWP): 200 PSI
- CSA certified for Canadian plumbing applications.
- Threaded end connections comply with ANSI/ASME B1.20.1
- Garden hose end connections comply with ANSI/ASME B1.20.7
- Sweat end connections comply with ANSI/ASME B16.18
- NL versions are third party certified, ANSI/NSF 61-G, NSF.



## Boiler Drain

Forged brass one-piece body, chrome plated forged brass ball with cast aluminum handle. Smaller pattern ball valve. The ball valve has greater flow than traditional low pressure valves. No lead boiler drain valves are forged using binary brass. Configurations and Sizes: MNPT (1/2" is also Sweat) and FNPT in 1/2" & 3/4".



**R-670 Boiler Drain Forged Brass Ball Valve**  
MNPT x MGHT



**R-670NL No Lead Boiler Drain Forged Brass Ball Valve**  
MNPT x MGHT



**R-672 Boiler Drain Forged Brass Ball Valve**  
FNPT x MGHT



**R-672NL No Lead Boiler Drain Forged Brass Ball Valve**  
FNPT x MGHT

## Hose Bibb

Forged brass two-piece body, chrome plated forged brass ball, and cast aluminum tee handle or Dacromet® coated steel handle. A ball valve has greater flow than traditional low pressure valves. No lead boiler hose bibbs are forged using binary brass. T-536 is one-piece forged brass body. Configurations and Sizes: MNPT (1/2" is also Sweat) and FNPT in 1/2", 3/4".



**T-537 Forged Brass Ball Valve Hose Bibb with T Handle**



**T-537NL No Lead Forged Brass Ball Valve Hose Bibb with T Handle**



**T-537L Forged Brass Ball Valve Hose Bibb with Lever Handle**



**T-537LNL No Lead Forged Brass Ball Valve Hose Bibb with Lever Handle**



**T-540 Water Heater Drain Valve Forged Brass Ball Valve with Lever Handle**



**T-540NL No Lead Water Heater Drain Valve Forged Brass Ball Valve with Lever Handle**



**T-536 Compact Forged Brass Ball Valve Hose Bibb with Lever Handle**

## No Kink Hose Bibb

Forged brass one-piece body, chrome plated forged brass ball with cast aluminum handle. Smaller pattern ball valve has greater flow than traditional low pressure valves. No lead boiler hose bibbs are forged using binary brass. Configurations and Sizes: MNPT (1/2" model is a combination of 1/2" MNPT and 1/2" Sweat), in 1/2" & 3/4".



**R-671 Hose Bibb Forged Brass No Kink Ball Valve**



**R-671NL No Lead Hose Bibb Forged Brass No Kink Ball Valve**



## Sillcock

Forged brass one-piece body, chrome plated forged brass ball with cast aluminum handle. Smaller pattern ball valve. Ball valve has greater flow than traditional low pressure valves. (T/S-541FLG is two-piece forged body with lever handle). No lead sillcocks are forged using binary brass. Configurations and Sizes: FNPT & Sweat in 1/2" & 3/4".



**R-673 Sillcock Forged Brass Ball Valve**  
FNPT x MGHT



**R-673NL No Lead Sillcock Forged Brass Ball Valve**  
FNPT x MGHT



**R-674 Sillcock Forged Brass Ball Valve**  
Sweat x MGHT



**R-674NL No Lead Sillcock Forged Brass Ball Valve**  
Sweat x MGHT



**T-541FLG Flanged Sillcock Forged Brass**  
Sweat x MGHT