

JONES[®]

BALL VALVES

*Industry-leading 300psi
low lead ball valves*



Mueller Co.

Reliable Connections[™]

Designed for 300 psig working pressure

Before designing this comprehensive line of ball valves, we looked at the needs of the marketplace. We studied existing designs to see how well those needs were being met. And, most importantly, we asked valve users across the country what they wanted in a ball valve.

The result is the Jones Ball Valve, a comprehensive line of valves with distinct features, which set them apart from the competition.

Jones Ball Valves are available in corporation, curb, service, in-line meter and angle meter styles, with a full selection of connection options, including Jones Compression Connections.

Special advantages :

- 300 psig working pressure—the highest in the industry, exceeding AWWA standards; 300 psig working pressure allows your system to grow and handle increased pressures.
- Longevity—designed for strength and durability, especially at the critical ball-to-stem connection.
- Blow-out-proof stem—prevents stem ejection and assures reliability.
- True bi-directional flow capability in all styles.
- Quarter-turn check is located under the valve cap. Location and strength of material around the check help prevent breakage or leaks should over-torquing occur.
- The enlarged cap on curb valves is easy to locate and turn in the curb or meter box. The cap's sloping shoulders shed dirt to aid operating wrench engagement.



All service brass will comply with AWWA C-800. Components in contact with potable water will also comply with latest requirements of the Federal Safe Drinking Water Act.

Your assurance of quality, dependable ball valves

Corporation Ball Valves

Jones® Corporation Ball Valves offer reliable service, and are available with either CC or iron pipe thread inlets specially matched to Mueller® tapping machines and tools to assure leak-tight installation. Corporation Ball Valves are easy to install and require no adjustment for easy turning.

Sizes

- Sizes: 3/4", 1", 1-1/2", 2".

Connection combinations:

- Inlets: CC, IP.
- Outlets: Jones 110 Compression Connections (Super Grip) for CTS tubing, copper flare, pack joint (CTS, PEP, PVC), Jones Grip, and male and female iron pipe thread.



Curb Ball Valves

You can specify a Jones Ball Curb Valve with the confidence it will provide years of trouble-free service without replacement or special attention, helping to control rising maintenance costs. Jones Curb Valves offer premium quality, long-term durability, dependability and performance. Valves are available with or without a lockwing. Stop and drain option available.

Sizes and Connections

- Sizes: 3/4", 1", 1-1/2", 2".
- Inlet/outlet connection combinations: Jones 110 Compression Connections (Super Grip) for either CTS tubing or PEP, copper flare, pack joint (CTS, PEP, PVC), Jones Grip, and male and female iron pipe thread.



In-line Meter and Service Ball Valves

Jones In-line Meter Ball Valves may be specified for all types of commercial and residential meter installations. They are easy to operate and offer reliable performance over many years.

Sizes and Connections

- Meter sizes (outlets): 5/8", 5/8" x 3/4" or 3/4", 1", 1-1/2", 2". Up to 1" are meter swivel nut; 1-1/2" and 2" are two-bolt meter flange.
- Inlet sizes: 3/4", 1", 1-1/2", 2".
- Inlet/outlet connection combinations: Jones 110 Compression Connections (Super Grip) for CTS tubing or PEP, copper flare, pack joint (CTS, PEP, PVC), Jones Grip, male and female iron pipe thread, meter swivel nut, and two-bolt meter flange.
- Many different lengths of FIP x flare and FIP x FIP styles especially suited for retro-fit applications are available. Contact customer service for more information.



Angle Meter and Service Valves

Jones® Angle Meter Ball Valves utilize a unique design that provides effective sealing, with flow from either direction. A second valve may be installed downstream from the meter, allowing meter changeouts without pit flooding.

These valves are also available on Jones Copper Meter Yokes. Critical centerline-to-end dimensions of the Angle Meter Ball Valve are the same as the Jones Ground Key Angle Meter Stops, assuring interchangeability of existing meter installations.

Sizes and Connections

- Meter sizes (outlets): 5/8", 5/8" x 3/4" or 3/4", 1", 1-1/2", 2". Up to 1" are meter swivel nut; 1-1/2" and 2" are two-bolt meter flange. Flanges are double-drilled to accept either 1-1/2" or 2" meters.
- Inlet sizes: 3/4", 1", 1-1/2", 2".
- Inlet/outlet connection combinations: Jones 110 Compression Connections (Super Grip) for either CTS tubing or PEP, copper flare, pack joint (CTS, PEP, PVC), and male and female iron pipe thread.



Handles

Angle and straight lever handles are available (straight in choice of two lengths) to fit both 3/4" and 1" meter valves. A handle coated with the industry standard color for reclaimed water and an integral handle set up for 3/4" and 1" ball valves are also available.



Options

Jones Curb, Meter and Service Valves are available with full port, or reduced port in selected sizes. They are regularly furnished with a quarter-turn check—contact Jones customer service to order optional 360° turn valves. Larger curb valves may be ordered with an integral 2" square wrench nut as an option (a 2" nut is also available as a separate piece that can be pinned to the existing valve cap).

Jones Ball Valves are available in both angle and in-line styles for use on Jones Cast Iron Meter Bars (with lock nut outlet), and on Jones Cast Iron Meter Yoke Boxes. Angle valves are also offered in an extensive selection of Jones Copper Meter Yokes and Resetters, and in Jones Meter Boxes. Refer to the Jones Water Distribution Products Catalog for full details, or contact a Jones representative.

- 1 **Lockwing**
Accepts bullet lock (when equipped on meter valve).
- 2 **Stainless steel reinforced seat gaskets**
Assures reliable seal under full flow and pressure.
- 3 **Stem/ball connection**
Optimized for strength to resist shearing or twisting.
- 4 **Straight-through design**
Allows maximum flow and minimum pressure loss with in-line valves.
- 5 **Full thread depth**
FIP ends (meets ANSI/AWWA C800 standard).
- 6 **Fluorocarbon coated ball**
Ensures smooth operation.
- 7 **Double-stem O-rings**
Supported in machined grooves for secure, leak-tight operation. Ensures a positive seal under full flow and pressure.



- 300 psig working pressure rating.
- Quarter-turn valves feature strong checks.
- Check-less 360 rotation option available.
- Bronze components are constructed of low lead brass for strength and durability (meets ASTM standard).
- Wetted components are constructed of low lead brass for strength and durability (meets ASTM and AWWA standards).

- Lever handles available.
- Blow-out-proof stem design prevents stem ejection and ensures dependability and safety.
- Jones® Ball Valves are suitable for use as test valves on backflow preventers (in compliance with Notice 89-001 of F.C.C.C. and H.R., which requires blow-out-proof stems).
- Swivel nut on 3/4" and 1" meter valves; flange on 1-1/2" and 2" meter valves.

Our priority is manufacturing quality, dependable, competitively priced products—products that install properly, perform as expected and are easy to maintain. Every ball valve we make is tested before shipment to verify performance. Our distributors have a thorough knowledge of the waterworks industry. And with our field sales and customer service representatives, you are assured that assistance is always available should you need it.

Other innovative products

Residential Fire Service Connections

Connecting a residential service that feeds independent domestic water and fire protection systems is quick and easy with the Jones® Residential Fire Service Connection. This compact uni-cast fitting has two outlets to allow the fire sprinkler system to function normally even when the residential side has been shut off.

Save the time and cost associated with assembling a collection of separate parts, and avoid the potential for leakage from the multiple connection points involved. Specify the Jones Residential Fire Service Connection.



Angle Ball Valve



"U" Branch

For more information about Jones or to view our full line of water products, please visit joneswaterproducts.com or call Jones customer service at 1.800.523.8618.

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