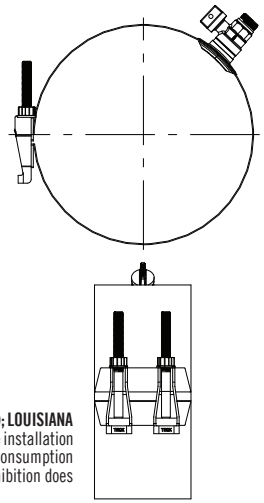
IMPORTANT NOTICE - READ CAREFULLY

Installation Instructions
Stainless Steel Saddles with Integral Valves

1. Check the outside diameter of the pipe to make certain the correct saddle is being installed.
2. Clean pipe surface so that the surface is smooth, free of dirt or other debris.
3. Apply a water based lubricant to the face of gasket. Do not use petroleum based lubricants.
4. Loosen nuts, disengage Teck™ fingers and mount saddle on the pipe in desired position. Reengage Teck™ fingers to side bar plate.
5. Torque all nuts to 60 ft. lb. evenly in an alternating sequence.
6. Check torque on all nuts and retighten to 60 ft. lb. if required.
7. Pressure test service line before backfilling.



WARNING: Not for use in applications with frequent cyclic loading such as air blow off valves on water and sewer force mains.

WARNING: It is unlawful in **CALIFORNIA & VERMONT (effective 1/1/2010); MARYLAND (effective 1/1/2012); LOUISIANA (effective 1/1/2013) and the UNITED STATES OF AMERICA (effective 1/4/2014)** to use any product in the installation or repair of any public water system or any plumbing in a facility or system that provides water for human consumption if the wetted surface area of the product has a weighted average lead content greater than 0.25%. This prohibition does not extend to service saddles used in California, Louisiana or under USA Public Law 111-380.

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Installation Instructions

Stainless Steel Saddles with Integral Valves

1. Keep valve clean and free from dirt and debris.
2. Protect valve from freezing, which may distort ball. In the event the valve does freeze, do not forcibly try to open or close the valve while the valve is frozen. This may destroy the valve.
3. Use a snug fitting smooth jaw wrench on the wrenching flat nearest the tightened end. Do not wrench the body/endpiece joint.
4. Always use an approved sealant or teflon tape on tapered pipe threads.
5. If valve has compression style connection, read connection instruction sheet prior to installation.
6. If the valve cap or stop box handle is perpendicular to the water line, the valve is closed. If the valve cap or stop box handle is inline with the water line, the valve is open. For standard valves with turning restraints (checks), turn the cap counter-clockwise to open and clockwise to close (unless ordered otherwise). Valves without turning restraints (checks) may be turned either direction to open or close.
7. Ball valves generally require low operating torques. If valve turns hard, check turning direction before applying excess force. Excess force can damage or destroy the turning restraints (checks) in the ball valve cap and body assembly.
8. All valves must be operated in the fully opened or fully closed position. Attempts to throttle flow by operating the valve in a partially open position may destroy the valve.
9. **PRESSURE TEST FOR LEAKS BEFORE BACKFILLING.**
10. **USE ONLY ON COLD WATER SERVICES.**

A.Y. McDonald waterworks products are designed for reliable service. Like all brass products, however, they can be damaged by improper handling and use.

CAUTIONS

1. Protect threads. Avoid loose fitting wrenches. Do not drop or impact.
2. Use extra care with high water pressures (over 100 PSIG) and pipe or tubing over 1". Consult factory if desired.
3. Inspect and test all joints, valves and fittings before backfilling.
4. Backfill carefully so as to avoid damage to the service line and connections. Looping of the service lines is recommended to minimize strain.
5. DO NOT use Vaseline®, plumber's grease, or any other petroleum based product on seals or o-rings.

Damage caused by improper use and/or handling will void our warranty

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9. PRESSURE TEST FOR LEAKS BEFORE BACKFILLING.
10. USE ONLY ON COLD WATER SERVICES.

A.Y. McDonald waterworks products are designed for reliable service. Like all brass products, however, they can be damaged by improper handling and use.

CAUTIONS

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2. Use extra care with high water pressures (over 100 PSIG) and pipe or tubing over 1". Consult factory if desired.
3. Inspect and test all joints, valves and fittings before backfilling.
4. Backfill carefully so as to avoid damage to the service line and connections. Looping of the service lines is recommended to minimize strain.
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9. PRESSURE TEST FOR LEAKS BEFORE BACKFILLING.
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3. Inspect and test all joints, valves and fittings before backfilling.
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