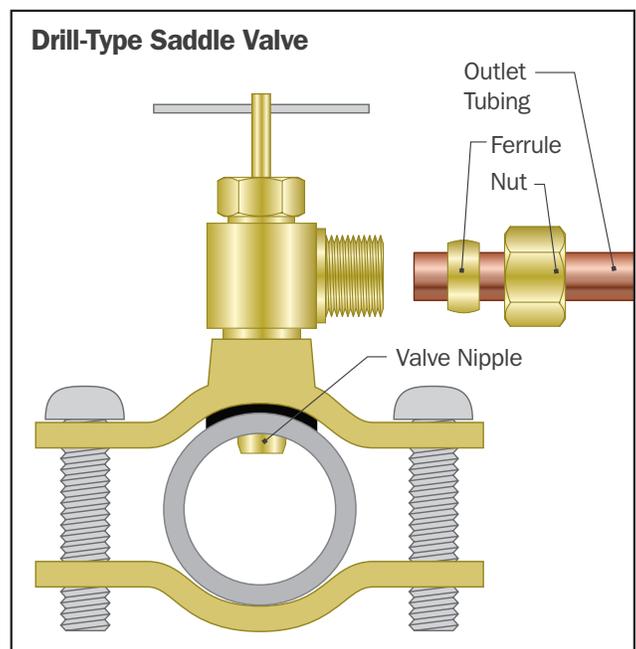
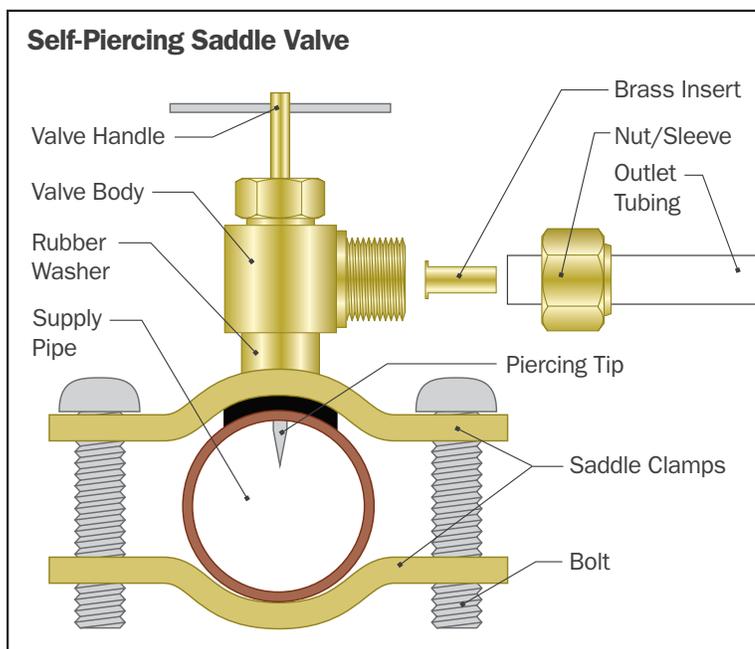


Installation Instructions

➤ Saddle Valves - Self-Piercing & Drill-Type

Before installation, consult local and jurisdictional plumbing codes.
Always install per local codes, using proper plumbing methods. Test all connections before use.
Failure to follow these instructions could result in personal injury or property damage

- 1: Shut off the water supply to the supply line where the valve will be installed. Use a cold-water supply pipe near the fixture to be supplied by the valve. NOTE: Max pressure for the valve is 125 PSI
 - 2: **For Self-Piercing Valve:** Rotate valve handle fully counter-clockwise.
For Drill-type Valve: Rotate valve handle fully clockwise.
Insert rubber washer on underside of top clamp in center.
- NOTE:** If using a Drill-Type valve, OR if the supply line is steel, brass, PVC or CPVC, the supply line must be pre-drilled with a 1/4" hole where the valve is to be located. Always wear gloves and safety glasses. To reduce risk of electrical shock, use a cordless drill, or plug into a GFCI outlet.
- 3: Place one bolt through top saddle clamp and thread into bottom clamp a few turns.
 - 4: **For Self-Piercing Valve on Copper Supply Lines:** Place the top clamp on the supply tube, then rotate the bottom clamp under the pipe and evenly tighten both bolts on the saddle clamps.
For Self-Piercing Valve on Steel/Brass/PVC/CPVC Supply Lines: Rotate valve handle fully clockwise to expose the piercing tip
NOTE: the piercing tip is sharp, use caution when rotating the valve handle. Place the valve on the supply line so that the piercing tip is centered in the pre-drilled hole. Evenly tighten both bolts on the saddle clamps.
For Drill-Type Valve: Place the valve on the supply line so that the valve nipple is centered in the pre-drilled hole. Evenly tighten both bolts on the saddle clamps.
 - 5: **For Self-Piercing Valve:** Load the nut/sleeve over the outlet tubing. When using poly outlet tubing, push the brass insert into the end of the poly tubing to reinforce the tube wall.
For Drill-Type Valve: Load the nut and ferrule over the outlet tubing. NOTE: Ferrule is brass and can be used for flexible copper outlet tubing. If poly outlet tubing will be used, a plastic ferrule must be used in place of brass ferrule. In addition, a brass insert must be installed into the end of the poly tubing to reinforce the tube wall.
 - 6: Make sure the tubing is inserted completely into the valve outlet and hand-tighten the nut. Using a wrench, tighten the nut an additional 1 to 2 turns. Do Not Overtighten.
 - 7: **For Self-Piercing Valve on Copper Supply Lines:** Slowly turn the valve handle clockwise as far as possible. This will drive the piercing tip into the copper supply line.
 - 8: Turn on water supply to supply line and check for leaks.
 - 9: To start the flow of water from the saddle valve, turn valve handle fully counter-clockwise.
Check for water flow at the fixture being supplied and confirm there are no leaks at the valve.



⚠ **WARNING:** Cancer and Reproductive Harm. www.P65Warnings.ca.gov