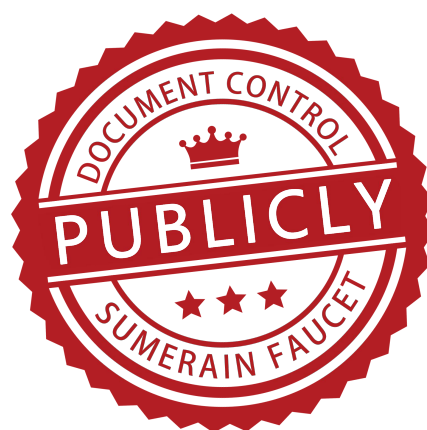
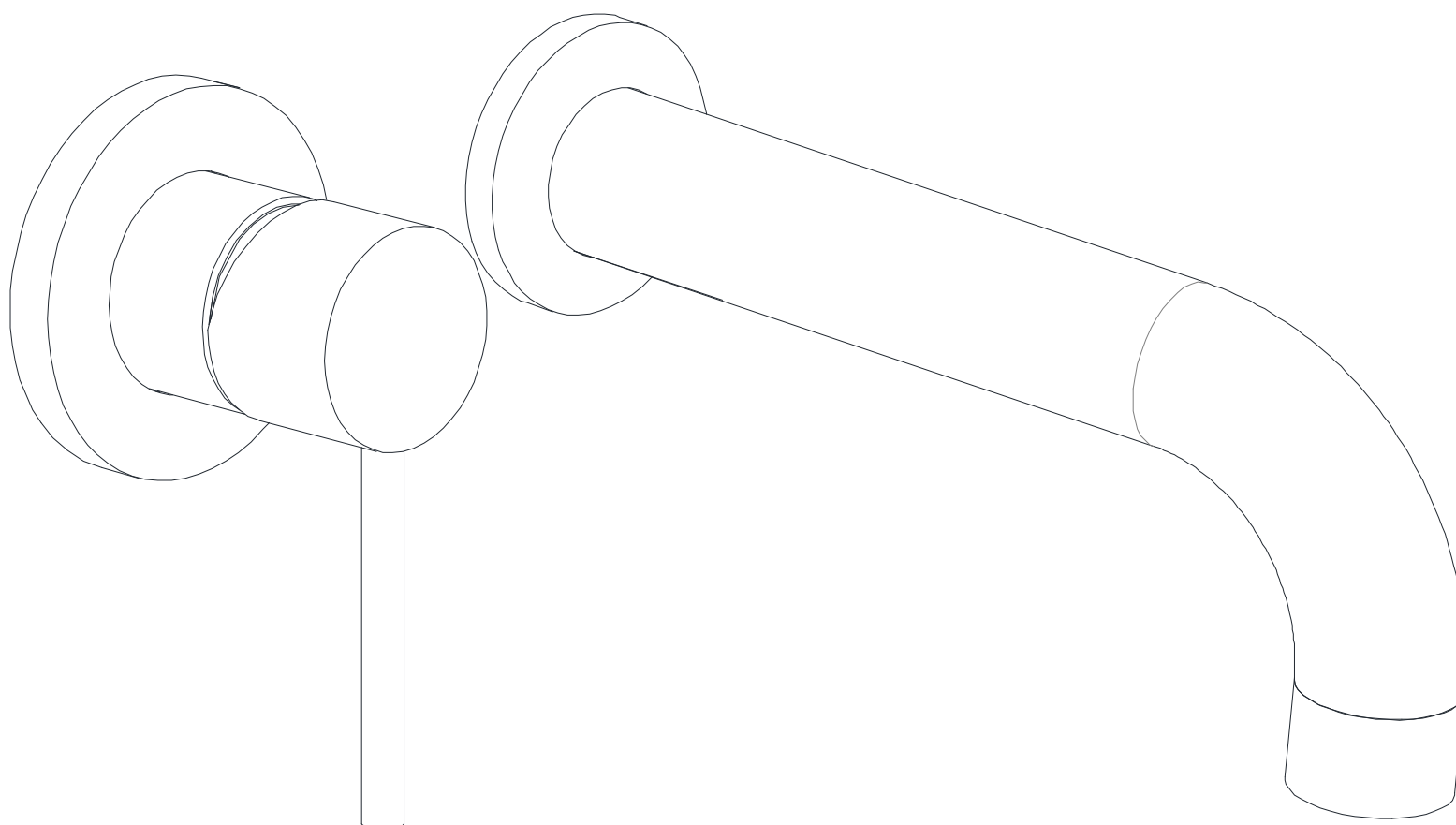


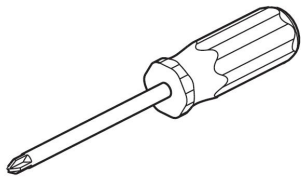
INSTALLATION GUIDE



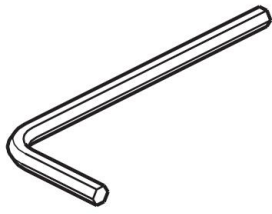
LEFTHAND WALL MOUNTED BATHTUB FAUCET

CUSTOMER CARE LINE: +1-866-203-0866

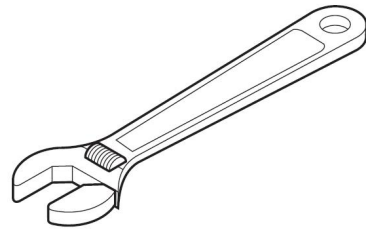
TOOLS RECOMMENDED



Philips Screwdriver



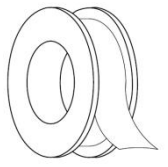
Allen Wrench



Adjustable Wrench



Channel Locks



Teflon Tape

INSTALLATION STEPS

1. BEFORE PROCEEDING



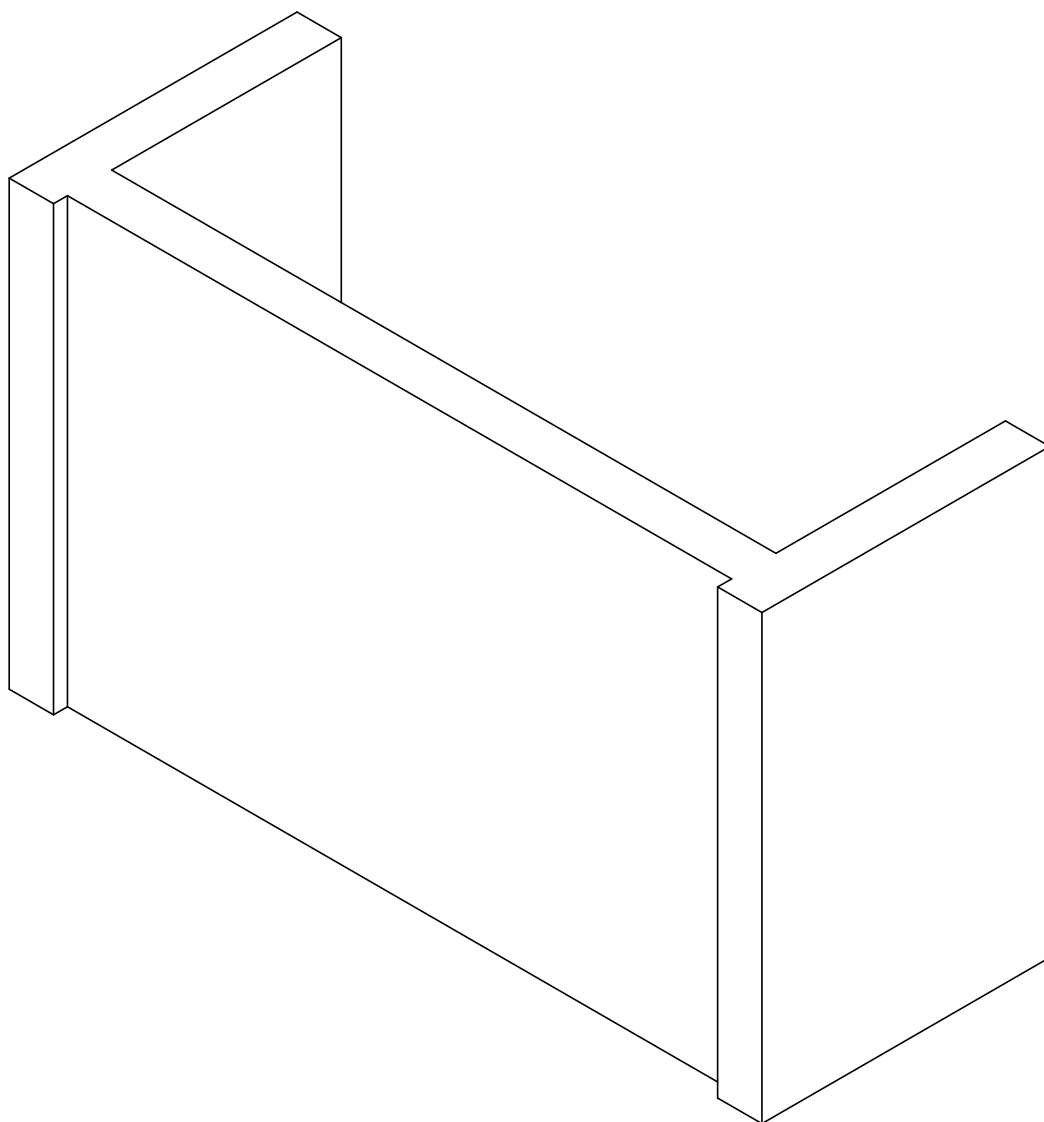
WARNING: Before beginning any installation or operation, read all instructions carefully. If you are unsure about installing this product, consult a licensed professional. This product must be installed in compliance with all applicable local and state plumbing and building codes. Professional assistance is strongly recommended.

2. SHUT OFF WATER SUPPLY

Locate the water supply inlets and turn off the corresponding water supply valves, typically located under the sink or near the water meter. If replacing an existing unit, remove the old unit and thoroughly clean the mounting surface to ensure proper installation.

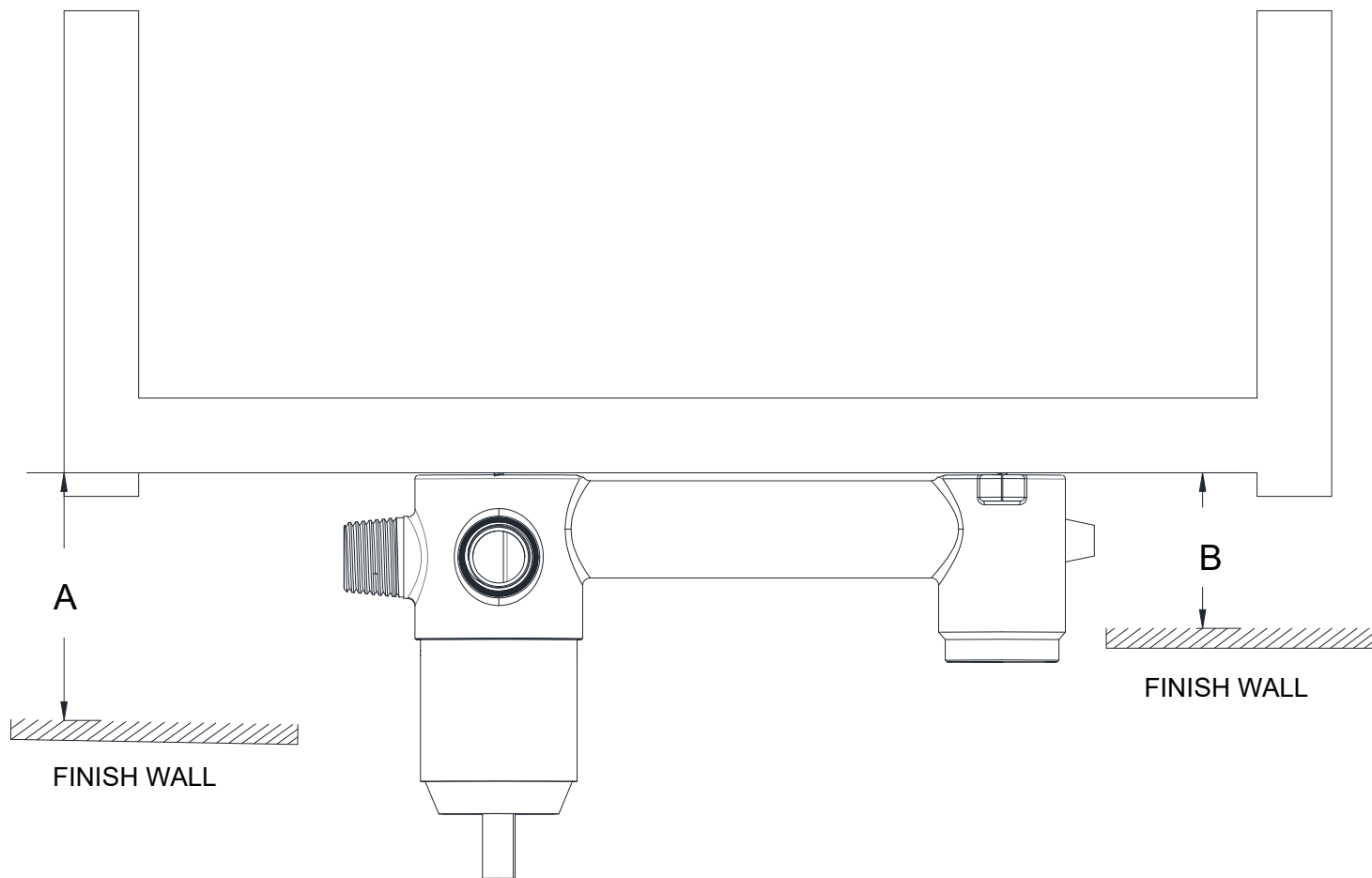
3. VALVE TRIM SET INSTALLATION

3.1 Construct a wooden mounting rack to securely hold the rough-in valve assembly. The face of the mounting board must be positioned between 'A' and 'B' behind the finished wall surface.

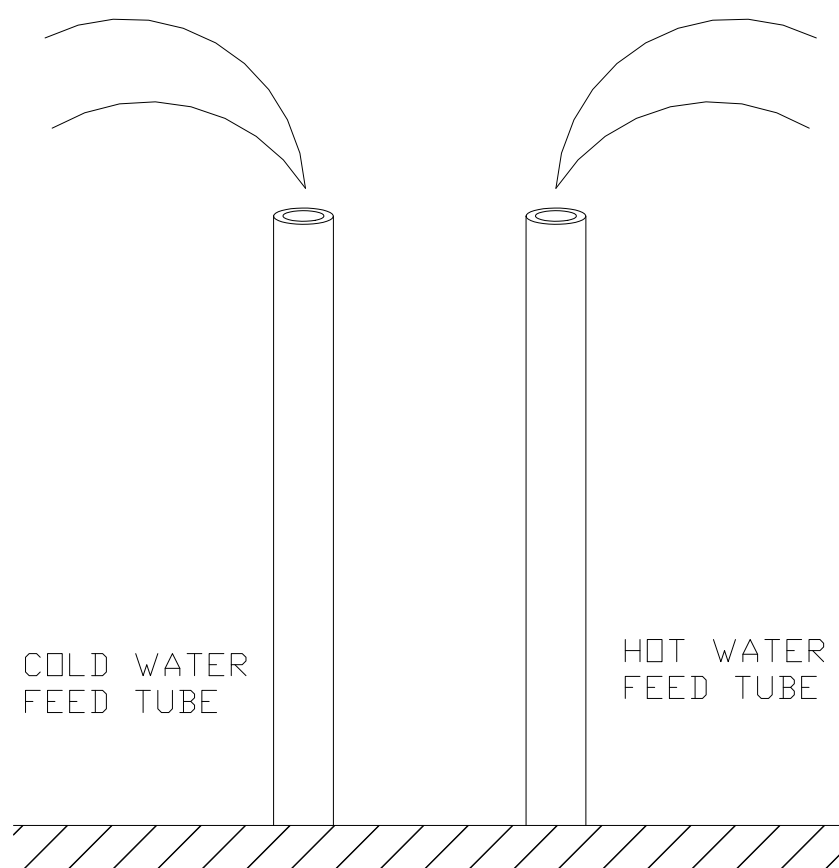




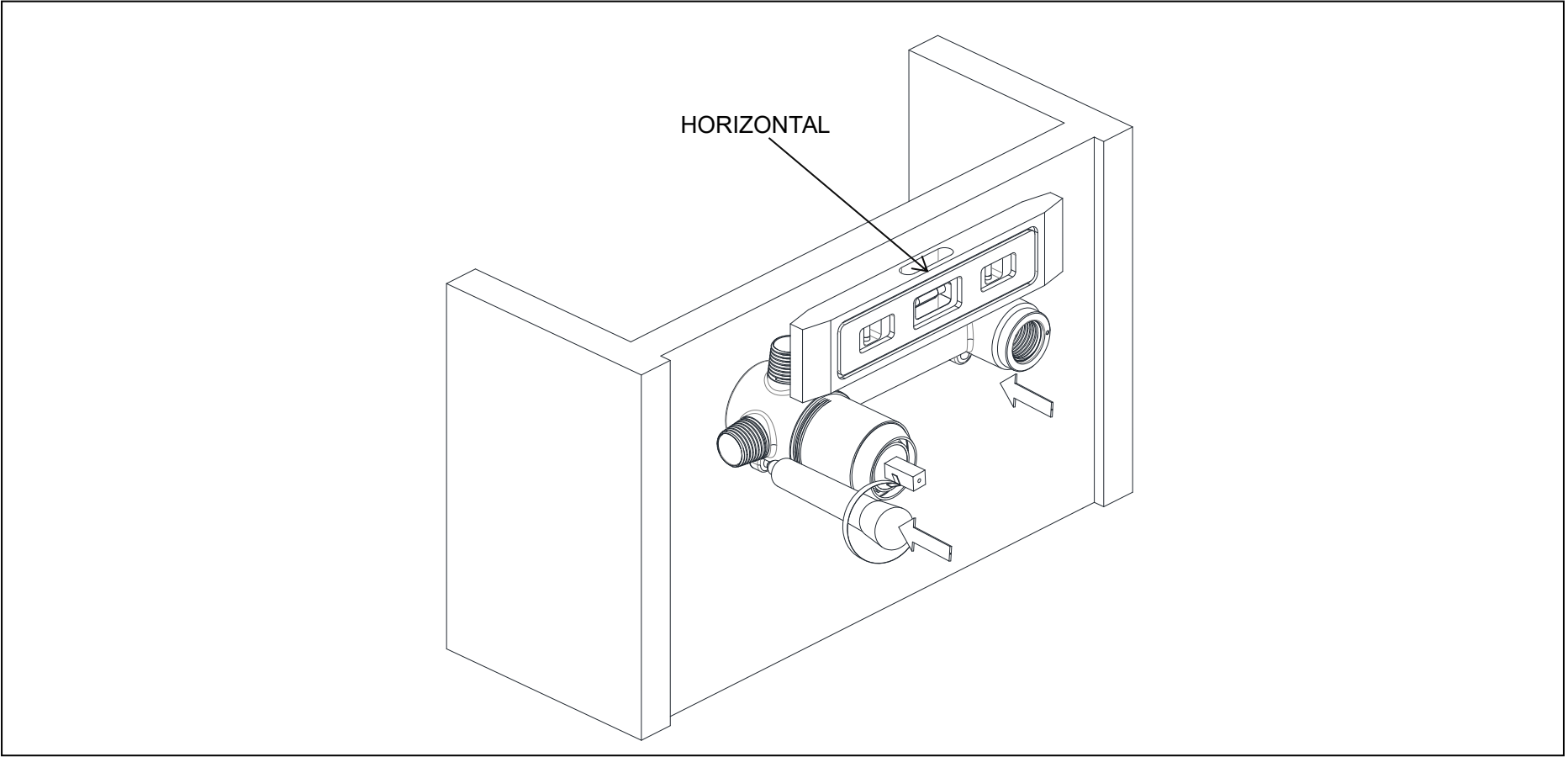
Code	Dimensions - Inch	Dimensions - mm
A	Max: 2-1/2"	63.5
B	Min: 2"	50.8



4.2 Turn on the shut-off valve to flush the hot and cold water supply lines before connecting them to the valve trim. Let the water run for 3 to 5 minutes to remove any dirt or debris. After flushing, turn off the water supply.



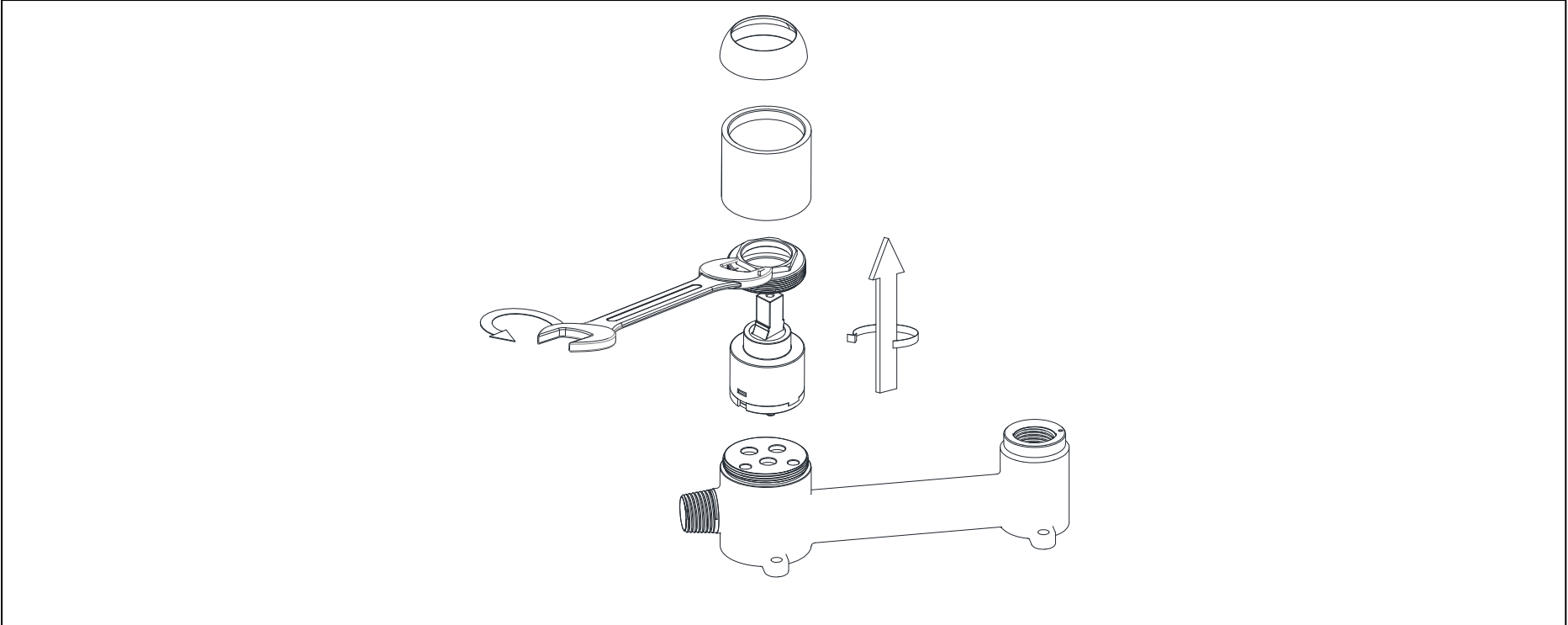
4.3 Use a spirit level to position and level the valve assembly. Mark the rough-in valve's mounting holes on the mounting rack.



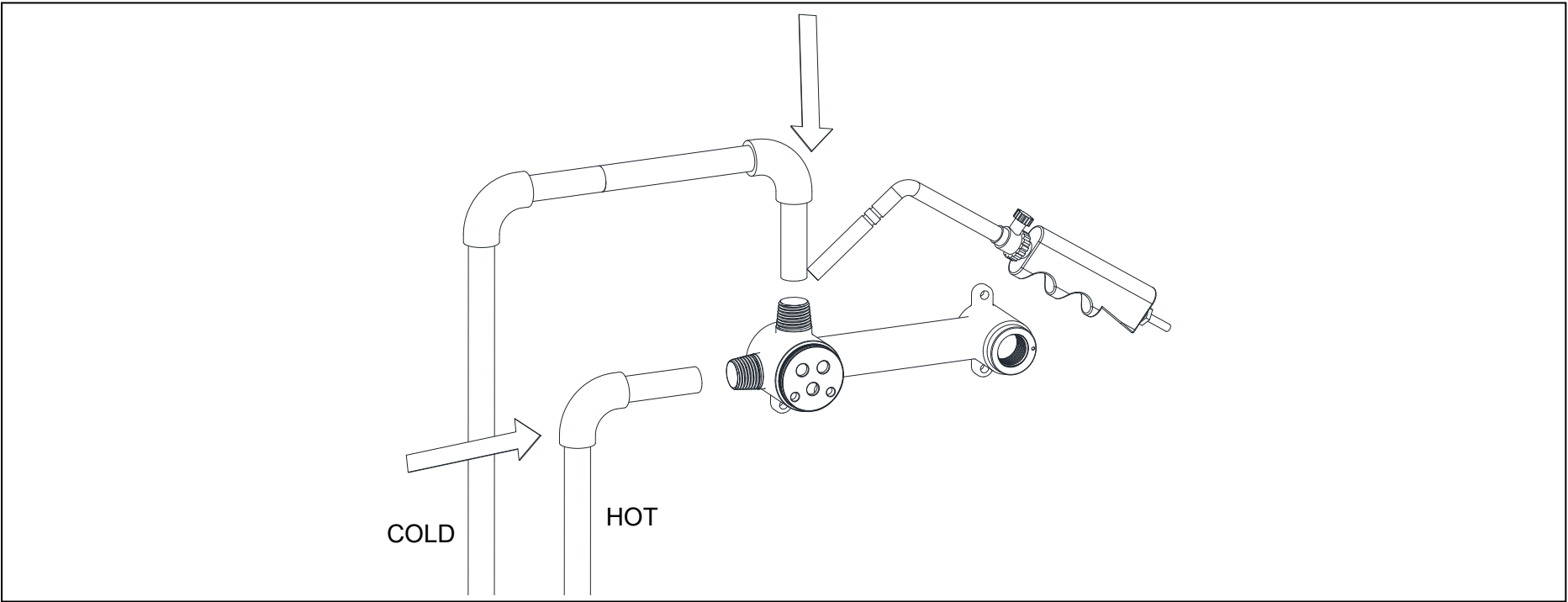
4.4 Connect the valve body to the water supply system using the appropriate fittings for your valve type (copper tubing, iron pipe, or PEX).

Note: For PEX installations, ensure the use of proper crimp fittings and a compatible cold expansion tool for secure connections.
For copper tubing:

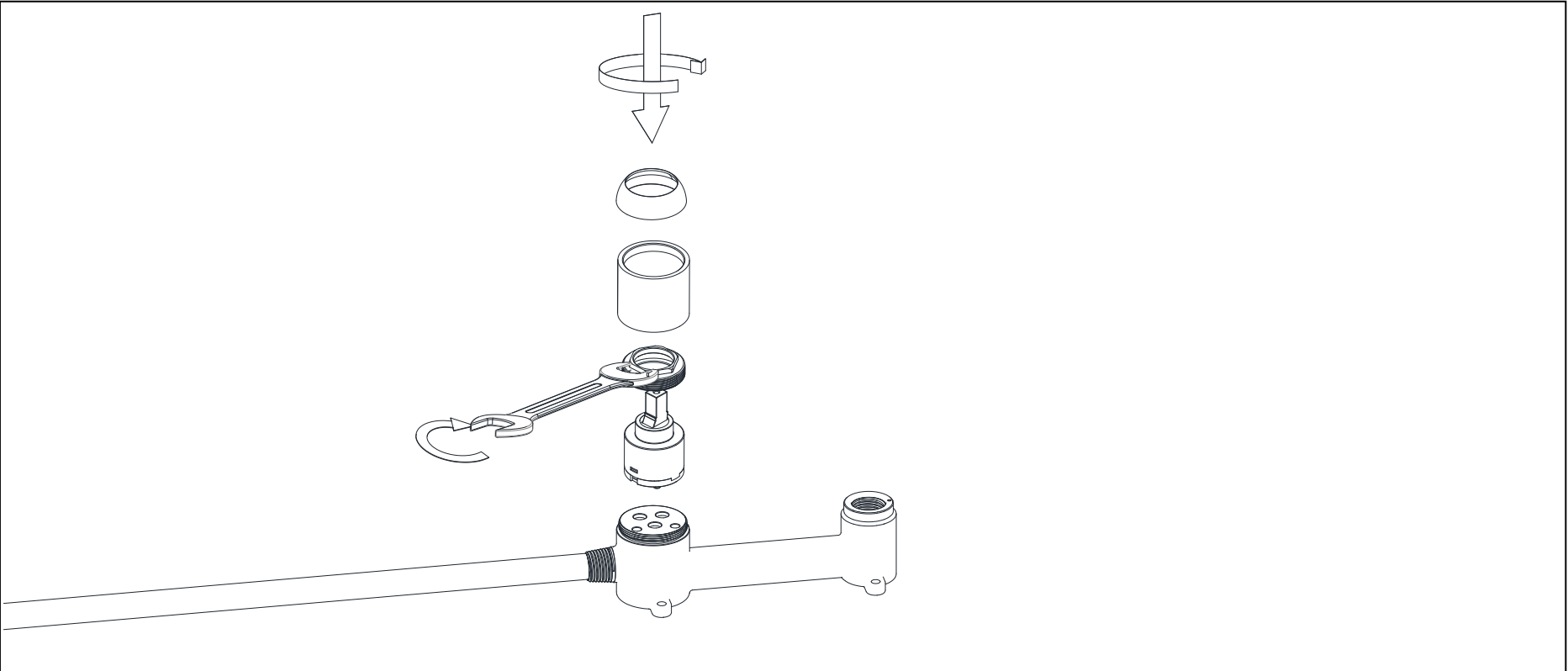
4.4.1(a) Remove the cartridge from the valve body before soldering to prevent damage.



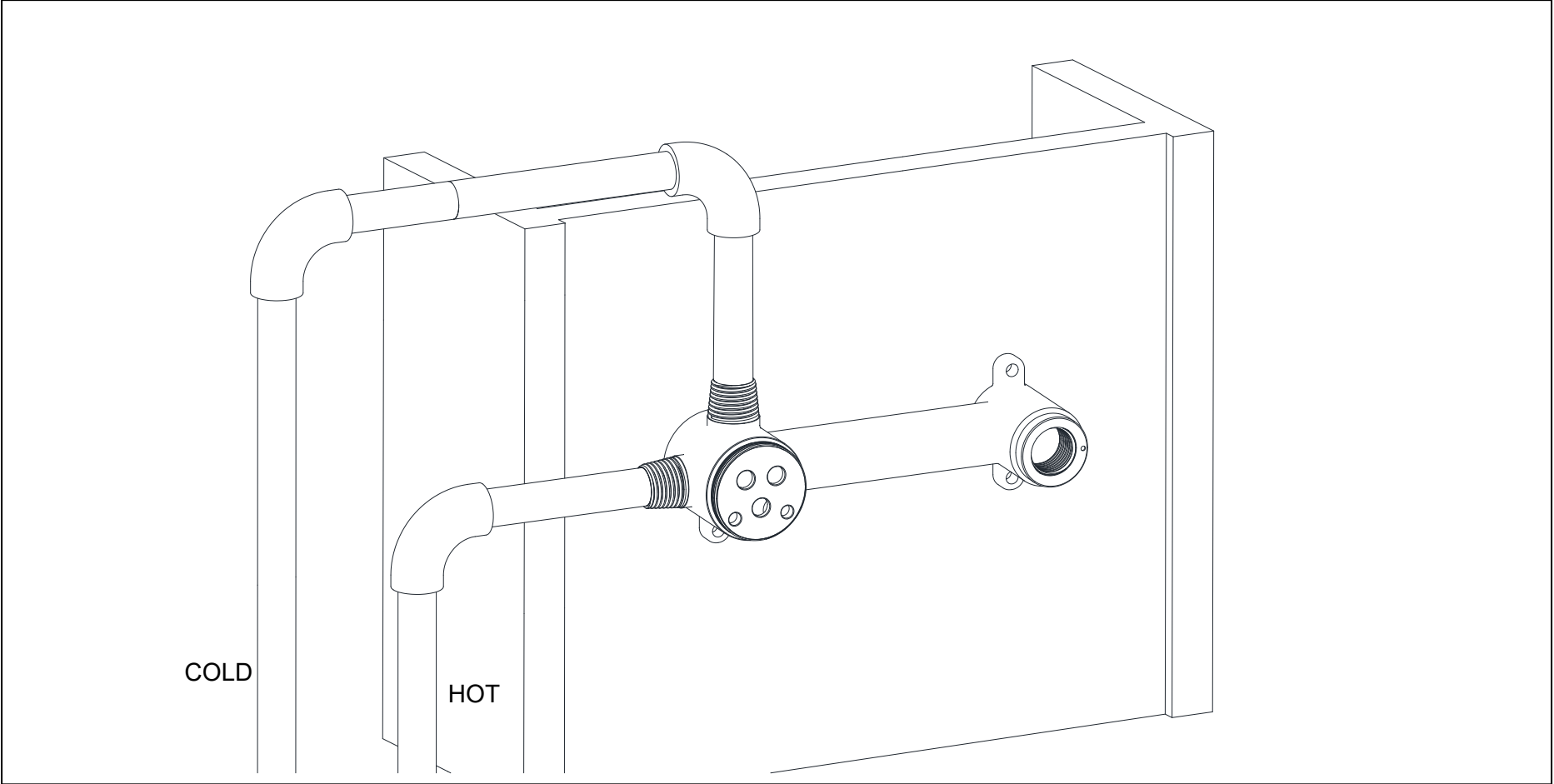
4.4.2(a) Solder copper pipes to the valve body's hot and cold water inlets.



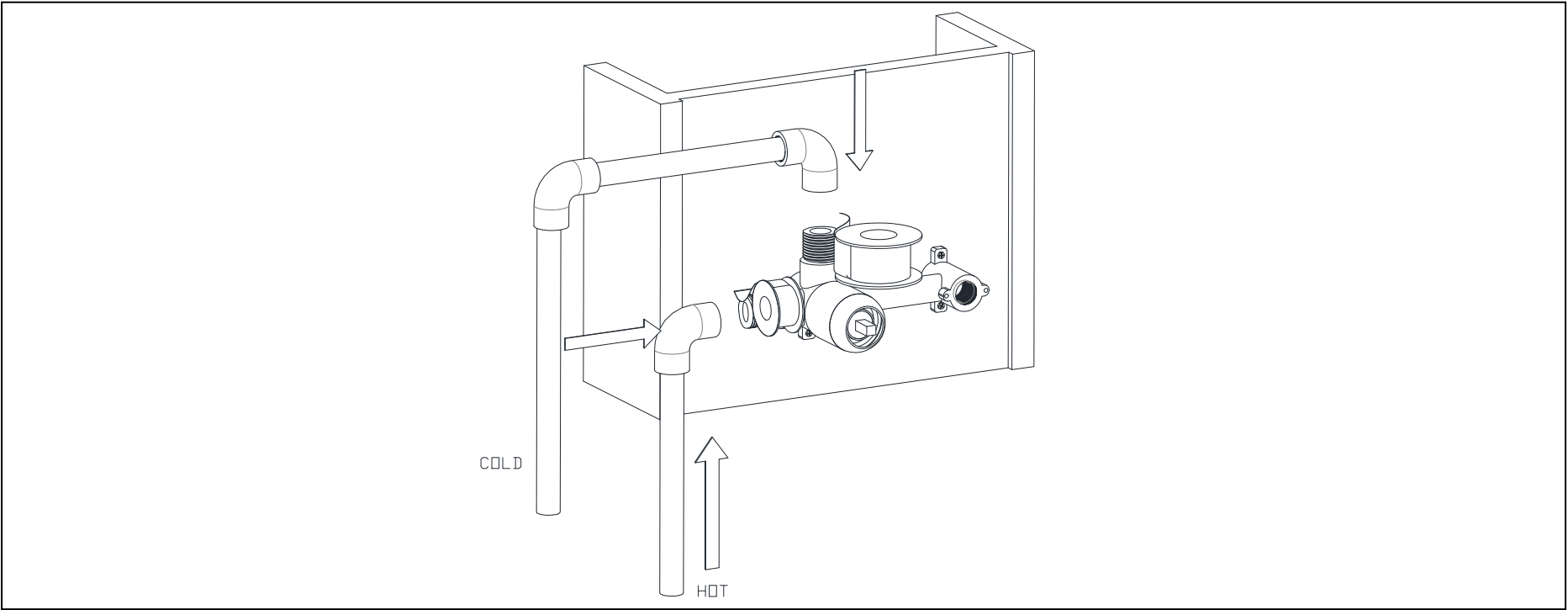
4.4.3(a) Reinstall the rough-in valve components.



4.4.4 Align and level the valve assembly, then secure it to the mounting bracket using screws and anchors.



4.4.5 Skip steps 4.4.1(a) to 4.4.3(a) when using PEX or PVC fittings; disassembly is not required. Apply Teflon tape to the valve body threads and connect the supply pipes using PEX fittings.



4.5 Plumbing Pressure Testing and Leak Testing.

(a.) Water Pressure Testing Standards

Test Pressure:

- The test pressure shall be 1.5 times the working pressure of the piping system, but not less than 60 PSI (pounds per square inch).
- If the design working pressure of the piping system is less than 60 PSI, the test pressure shall be 60 PSI.
- Recommended test pressure: 100 PSI to 120 PSI (approximately 6.9 to 8.2 bar).

Test Duration:

- The test duration is typically 15 minutes.
- During the test, the pressure should remain stable with no significant drop.

Testing Method:

1. Seal the piping system, ensuring all openings (e.g., faucets, valves) are closed.
2. Use a manual pump or pressure testing equipment to pressurize the system to the specified test pressure.
3. Observe the pressure gauge to ensure the pressure remains stable during the test.
4. Inspect all connections, joints, and faucets for any signs of leakage.

Pass Criteria:

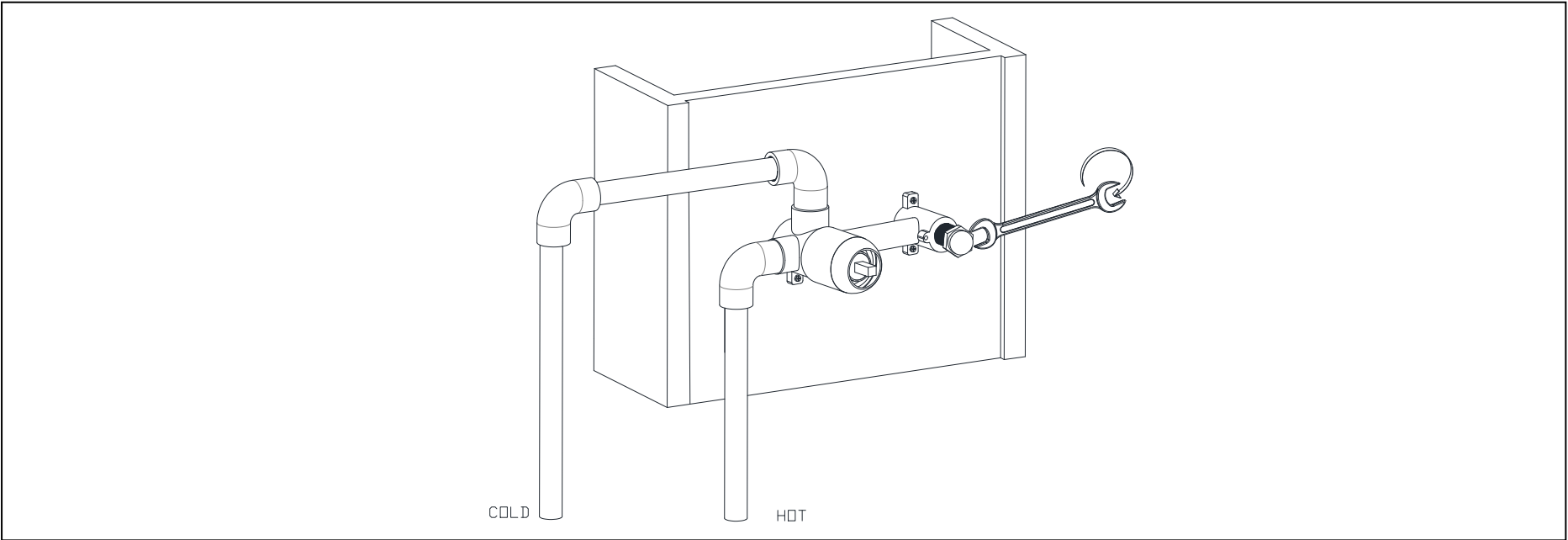
- If the pressure remains stable with no significant drop and no leakage is observed during the test, the piping system passes the test.
- If the pressure drops or leakage is detected, repair the issue and retest.



Precautions:

- Safety: The test pressure should not exceed the rated pressure of the pipes and fittings to avoid damage.
- Record: Record the test pressure, duration, and results for future inspection or maintenance purposes.

(b.) Leak Testing: After completing the plumbing pressure test, turn on the hot and cold water supply again and check all connections for leaks. If no leaks are detected, shut off the hot and cold water supply and reinstall the plaster guard covers.



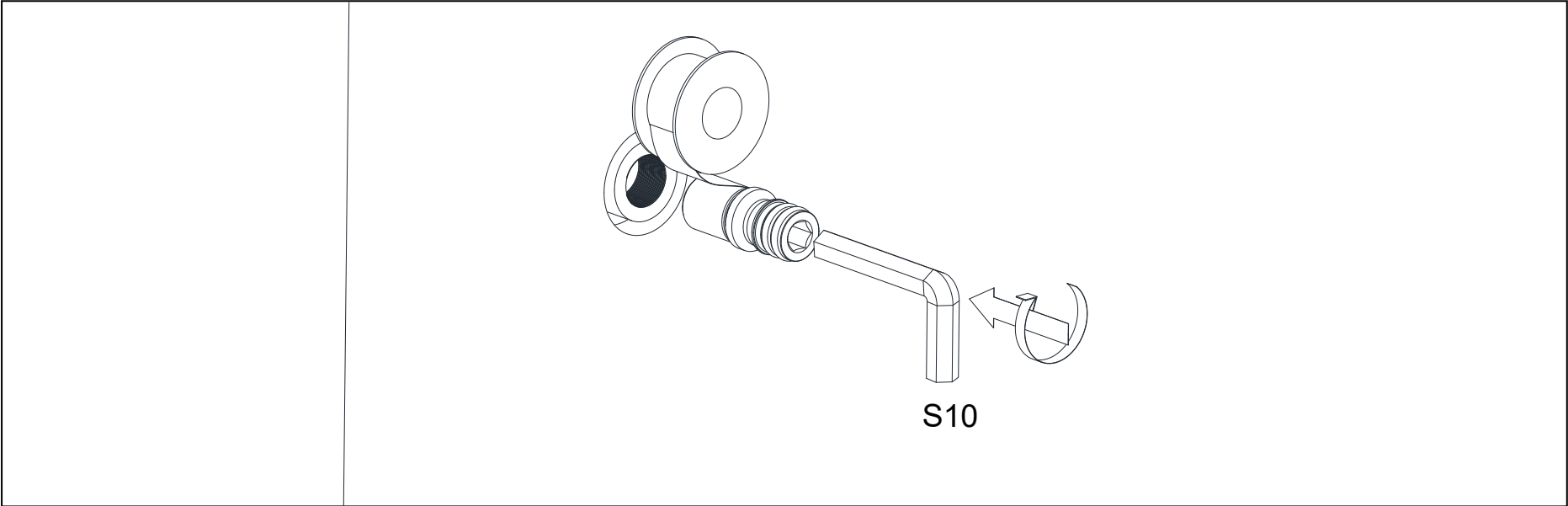
Precautions:

- Record: Record the test pressure, duration, and results for future inspection or maintenance purposes.

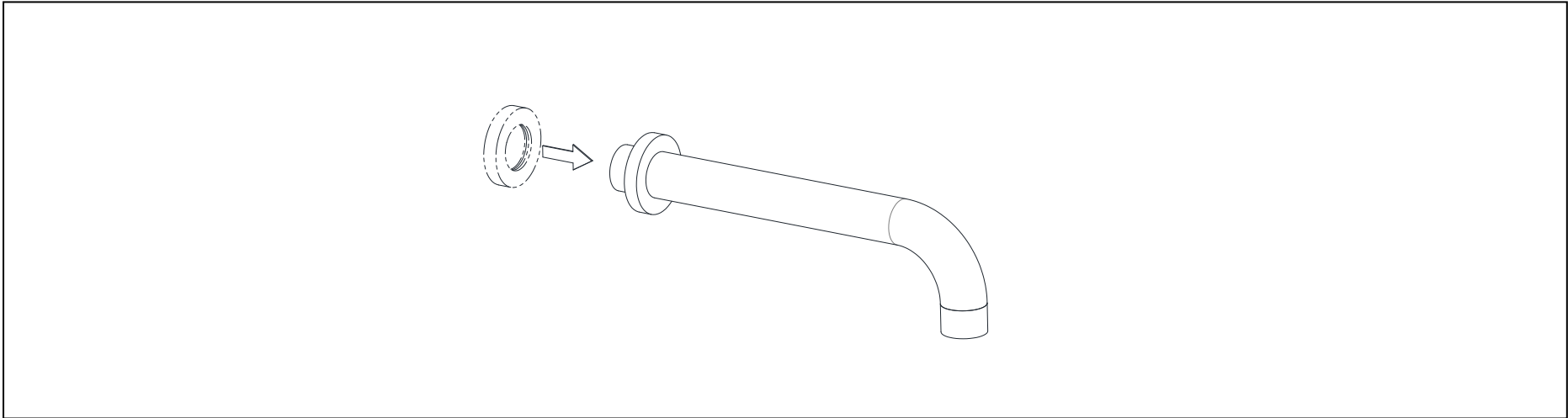
4.6 Install the finished wall.

Code	Dimensions - Inch	Dimensions - mm
C	5-5/16"	135
D	Min: 2-5/32" Max: 2-9/16"	Min: φ55 Max: φ65
E	Min: 1-3/8" Max: 2"	Min: φ35 Max: φ50.8

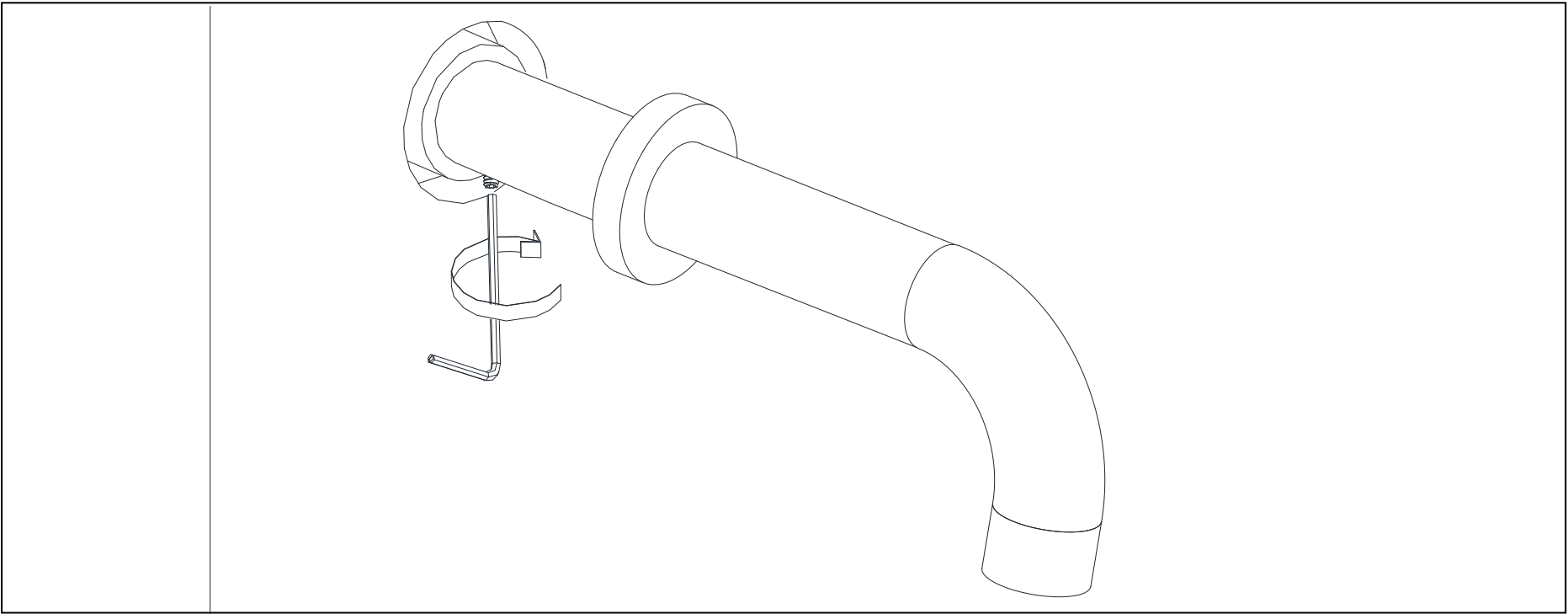
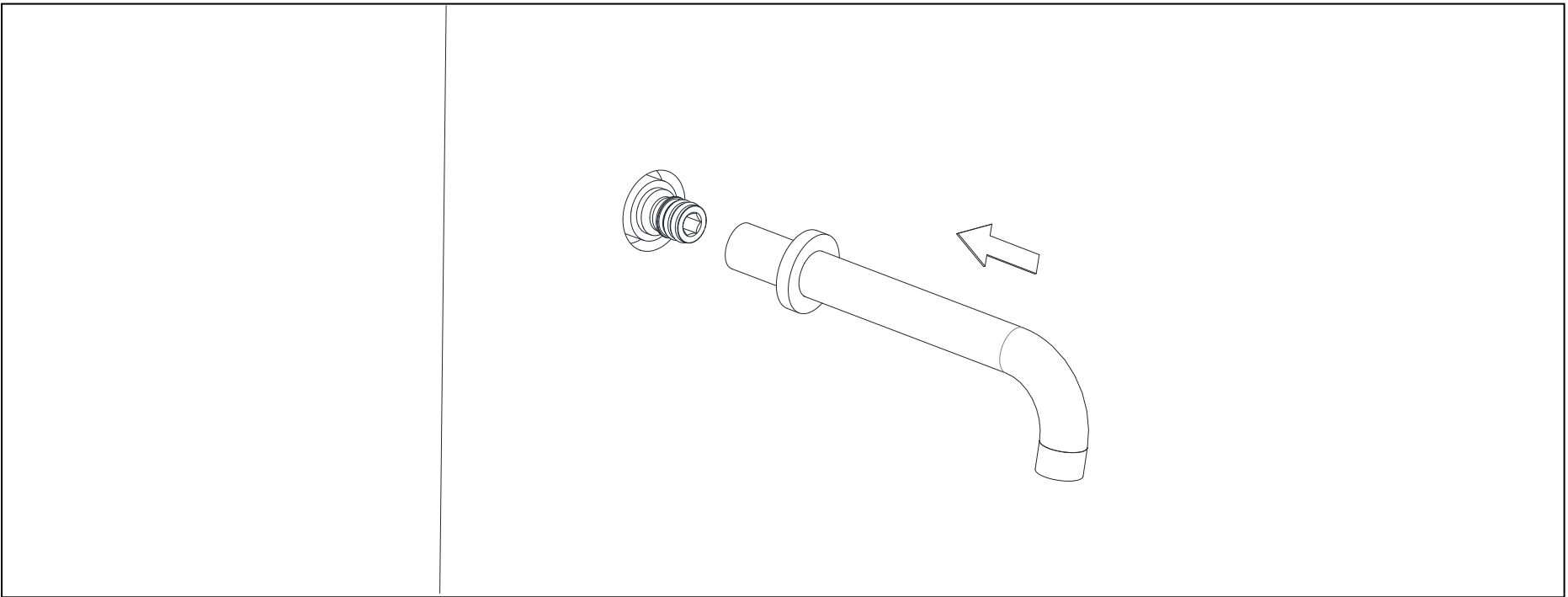
4.7 Apply Teflon tape on the thread of spout supply nipple.



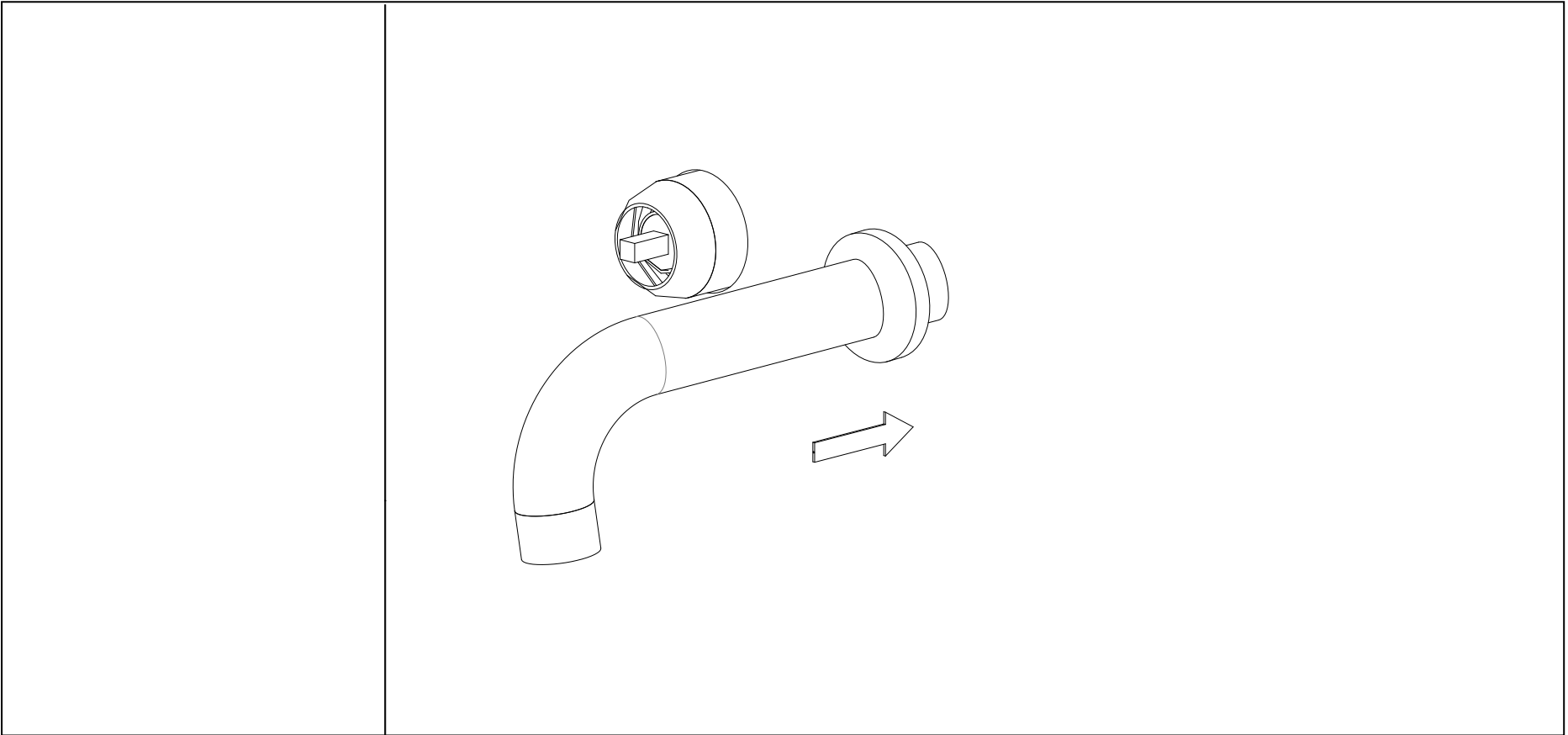
4.8 Connect the flange to the spout.



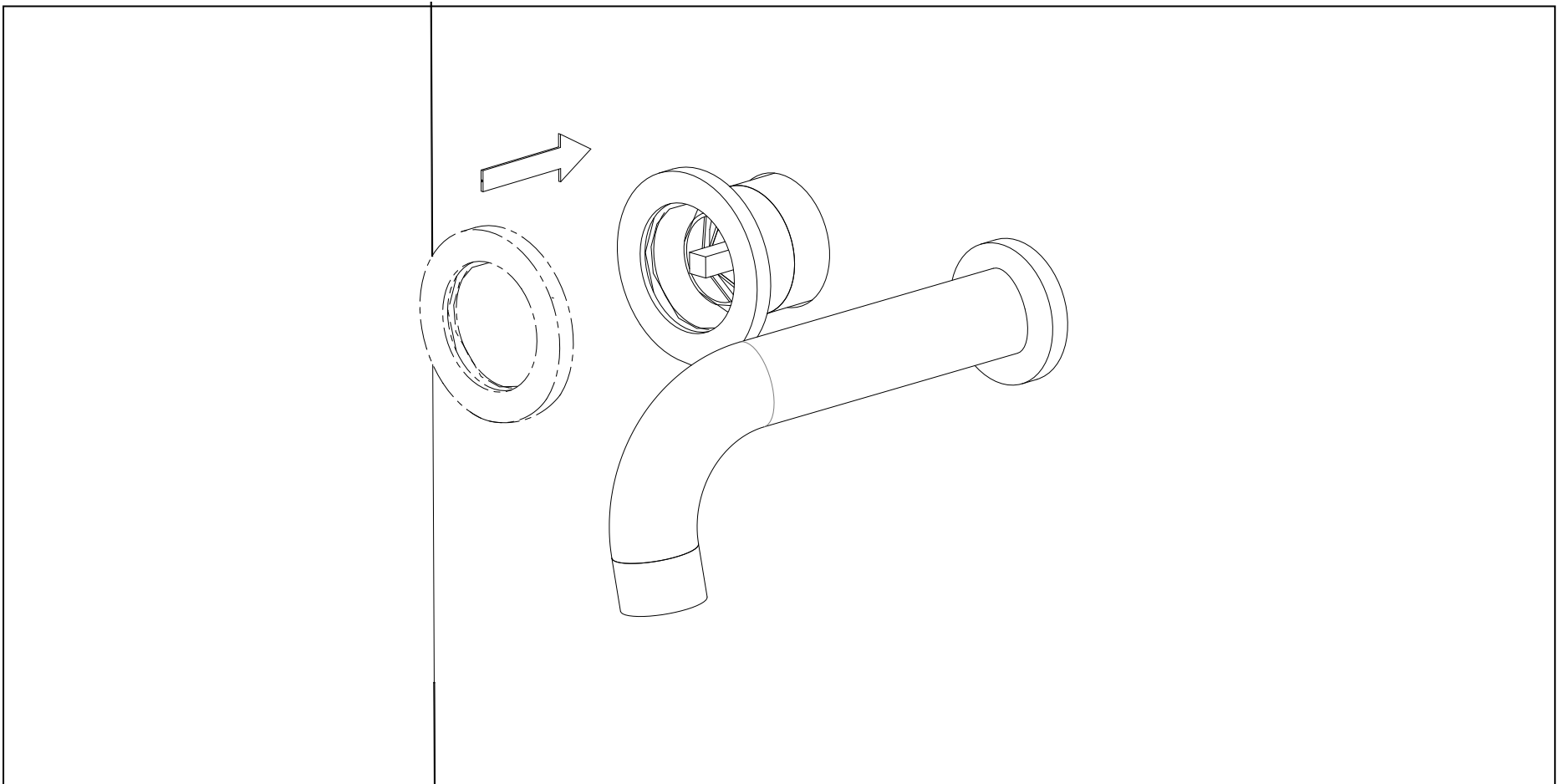
4.9 Install spout to rough-in valve and fasten with set screws.



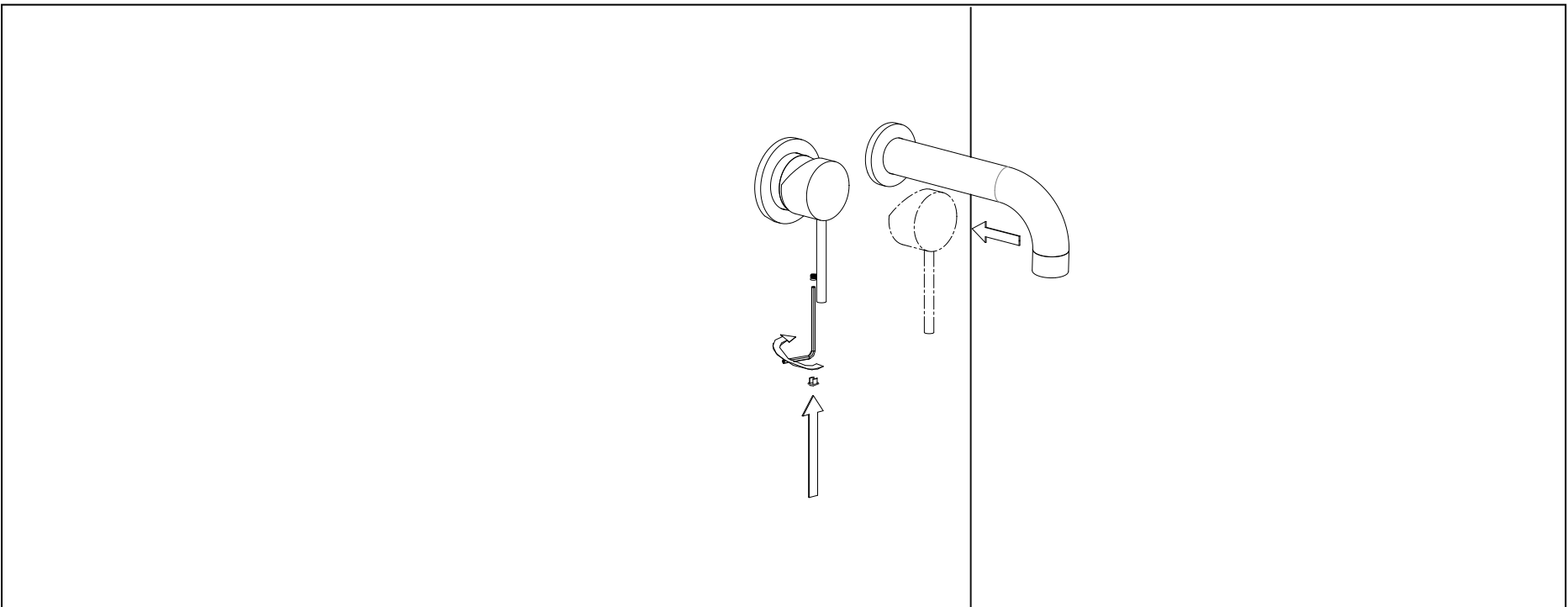
4.10 Secure the spout flange firmly against the finished wall to ensure a proper seal.



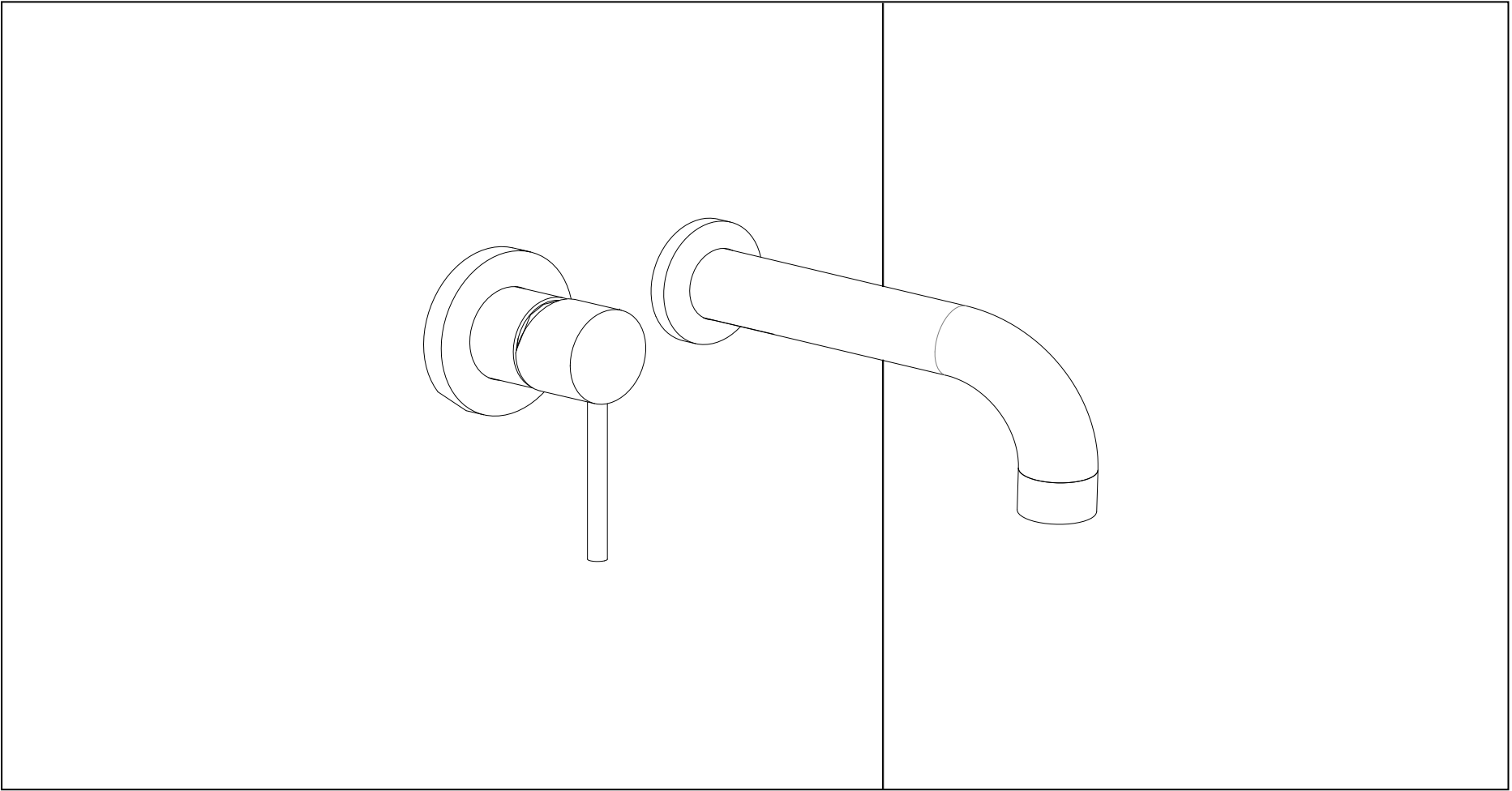
4.11 Slide the sleeve flange onto the sleeve and secure it against the finished wall.



4.12 Place the handle onto the valve stem and tighten the set screw using the provided Allen wrench. Avoid overtightening to prevent damage. Once secured, attach the handle button (hot/cold indicator) to the handle to conceal the set screw.



4.13 ASSEMBLY COMPLETE.

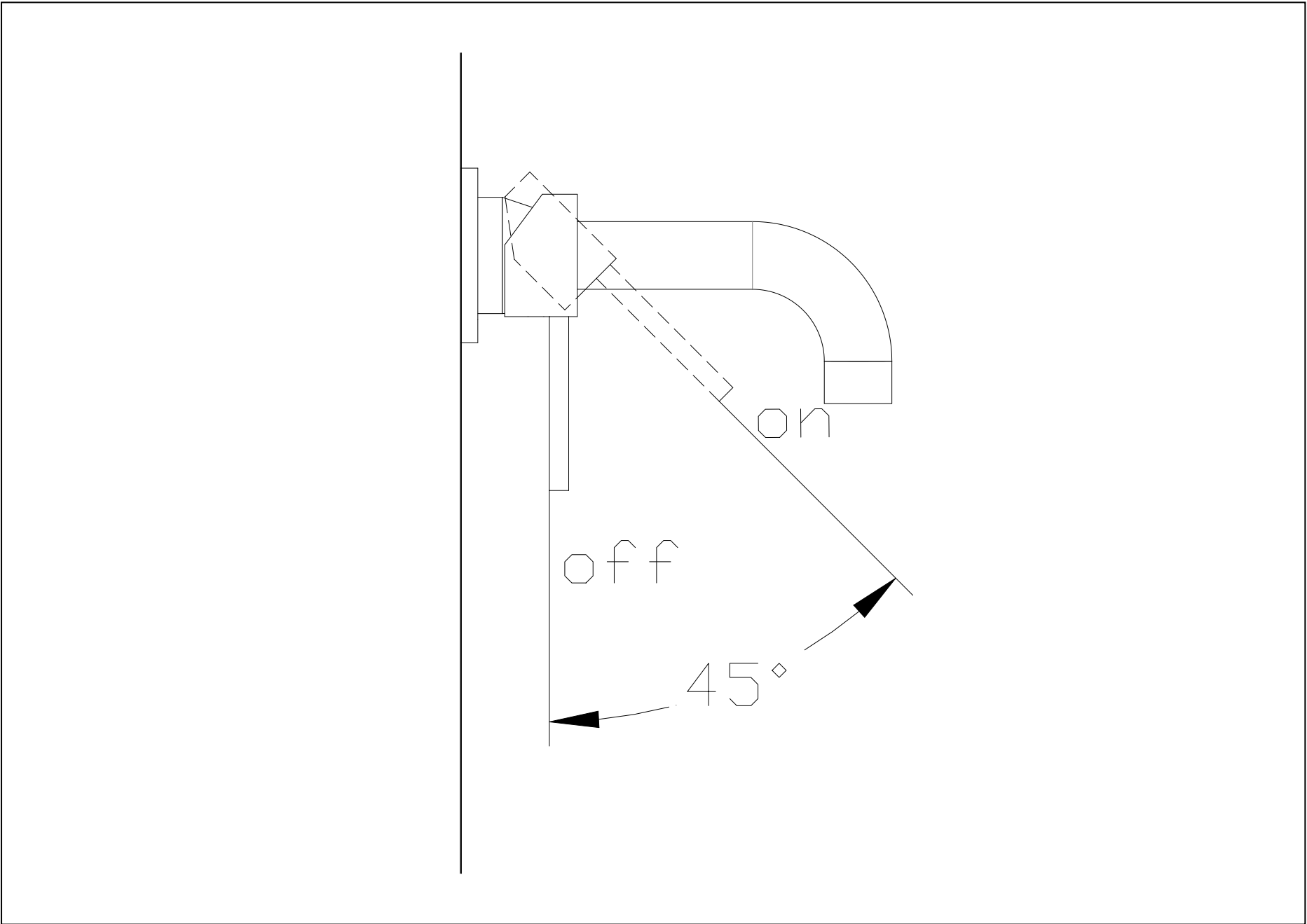


5. INSPECTION

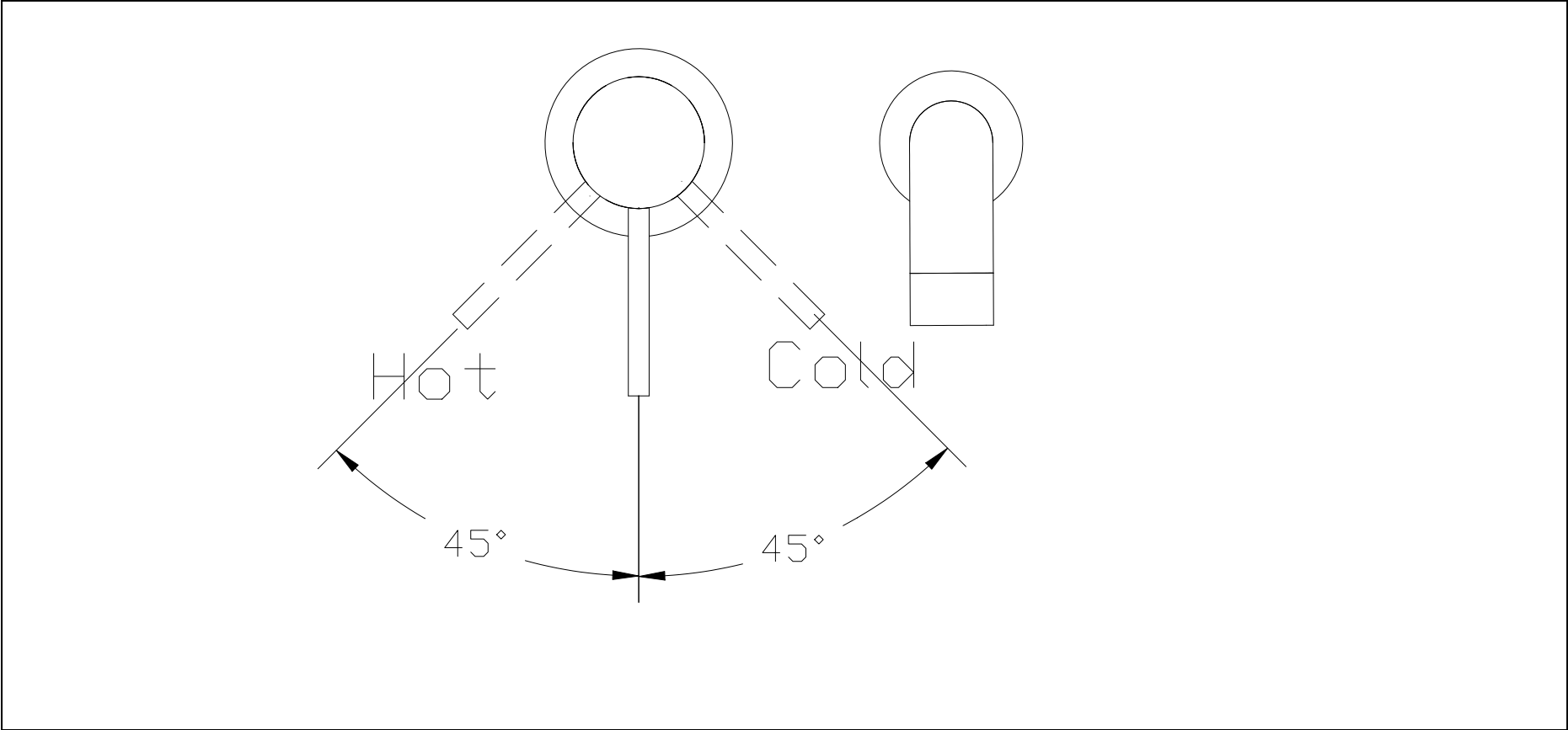
Turn on the hot and cold water supplies and check all connections for leaks to ensure proper installation.

6. FUNCTION INSPECTION

6.1 Turn the handle to start water flow from the spout, then turn it off to stop the flow.



6.2 Turn the handle counterclockwise to obtain cold water, and turn it clockwise to obtain hot water.



7. INSTALLATION COMPLETED



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Tel: +1-866-203-0866	Tel: +86-750-2731579	Tel: +49 (0)30/23975898
E-mail: support@sumerain.com	E-mail: support@sumerain.com	E-mail: support@sumerain.com