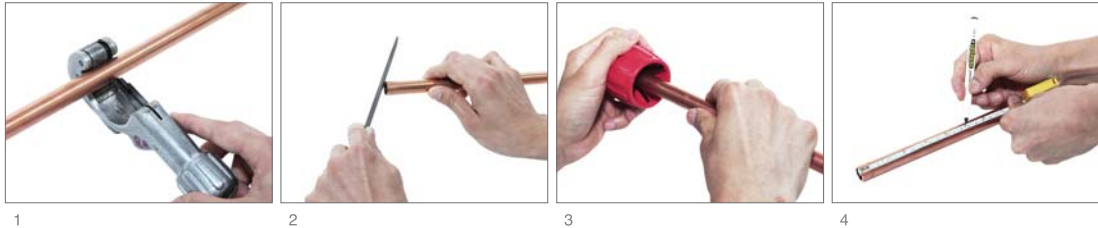


PREPARATION

Source Quality Control

1. Use a rotary tube cutter to cut the copper tube and achieve a squared end.
2. Remove burrs from the end of the tube with a file. Make sure that the tube end is smooth and clean to avoid damaging the o-ring component of the press copper fitting.
3. Alternately, an off the shelf commercial tube end deburring tool may be available. Regardless of the method by which tube end is deburred, the smooth clean tube end is critical to the proper use of copper press fittings.
4. Identify the depth, using the size chart included, of the press fitting cup. Measure the tube from the end, marking it clearly at the desired insertion depth. When inserting the tube into the press fitting cup, clearly seat the tube until you have reached the mark on the exterior of the tube. This ensures a proper seal of fitting and tube.



Nominal Pipe Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Insertion Depth(in)	3/4"(0.75")	14/16"(0.9")	14/16"(0.9")	1"(1.02")	1-7/16"(1.41")	1-9/16"(1.56")	1-6/8"(1.7")	1-7/8"(1.85")	2-1/8"(2.15")

INSTALLATION INSTRUCTIONS

Small Size : 1/2" ~ 2"

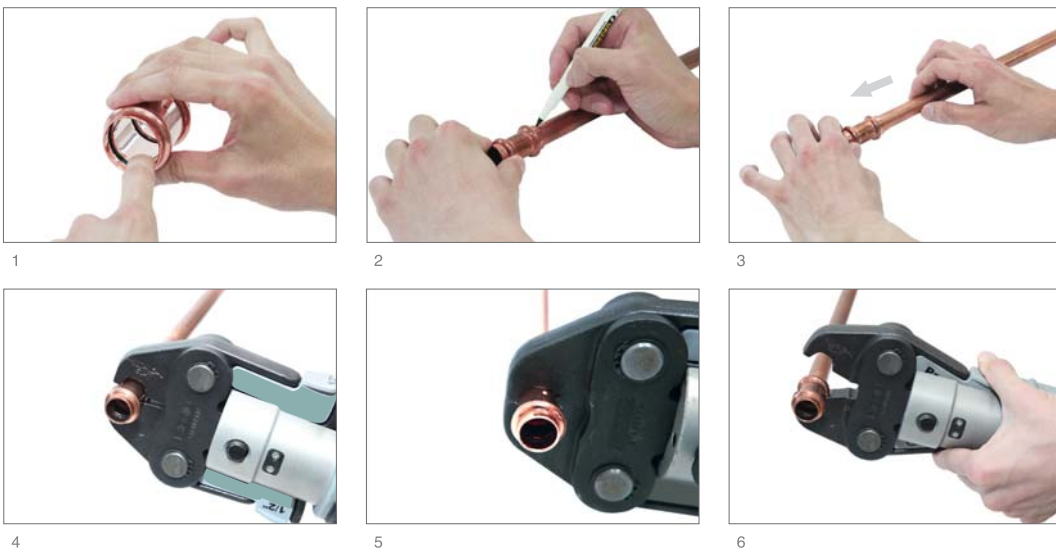
For Types K, L and M Hard Copper Tubing in 1/2" to 2" and Soft Copper Tubing in 1/2" to 1-1/4".

This product contains zero lead.

1. Check seal for correct fit. Do not use oils or lubricants.
2. Mark proper insertion depth as indicated by the JWpress Insertion Depth Chart. Improper insertion depth may result in improper seal.
3. While turning slightly, slide press fitting onto tubing to the marked depth. Noth: End of tubing must contact stop.
4. Open the jaw and place at right angles on the fitting. Visually check insertion depth using mark on tubing
5. Start pressing process and hold the trigger until the jaw has engaged the fitting.
6. After pressing, the jaw can be opened again.

⚠ WARNING

Read and understand all instructions for installing JWpress fittings. Failure to follow all instructions may result in extensive property damage and serious injury.



Large Size : 2-1/2" ~ 4"

For Types K, L and M Hard Copper Tubing in 2 1/2" to 4"

1. Check seal and grip ring for correct fit. Do not use oils or lubricants
2. Mark proper insertion depth as indicated by JWPress Insertion Depth Chart. Improper insertion depth may result in improper seal. While turning slightly, slide press fitting onto tubing to the marked depth. Note: End of tubing must contact stop.
3. Open ring and place at right angles on the fitting. Ring must be engaged on the fitting bead. Check insertion depth.
4. With actuator inserted into the tool, open the actuator as shown and connect ring
5. Place actuator onto ring and start pressing process. Hold the trigger until the actuator has engaged the ring. Keep extremities and foreign objects away from ring and actuator during pressing operation to prevent injury or incomplete press



Leak Testing:
 Unpressed connections are located by pressurizing the system with air or water. When testing with water the proper pressure range is 15 psi to 85 psi maximum. Leak testing with air can be dangerous at high pressures. When testing with compressed air the proper pressure range is 1/2 psi to 45 psi maximum. Following a successful leak test, the system may be pressure tested up to 200psi if required by local code requirements or project specifications.