



XPRESS™
THE FASTER FIT

**Leak Free Connections
In Seconds**



THE PRESS-FIT JOINING SYSTEM FOR 1/2" - 4" LINES

Elkhart Products Corporation
For the perfect fit





The Principle of the XPress Joint.

XPress fittings achieve a sound joint through the exertion of pressure from a press-fit tool; a purpose designed O-ring provides the mechanism by which a perfect seal is created. Ensuring that the tube is fully inserted into the fitting, the jaws of the press-fit tool are placed around the collar of the fitting, which contains an EPDM O-ring. With the jaws at a 90° angle to the fitting, the press-fit tool is activated and the jaws compress the O-ring tightly onto the tube creating a strong and reliable joint.

Compatible with Most Commercially-available Press-Fit Tools

 <p>320-E Pressing Tool</p>	 <p>CT-400 Pressing Tool</p>	 <p>100-B Pressing Tool</p>
<p>Check our website or our factory for latest approved tool listing.</p>		 <p>Standard Series Tools</p>

The XPress™ System Advantage

The heat-free principle of the joining process is one of the major benefits of the XPress System. Removing the need to obtain "Hot Work" permits, which can have costly insurance implications, and eliminating the potential of flame damage is another benefit of the XPress system.

BENEFITS TO THE PRESS FIT SYSTEM



HEAT FREE
Reduces fire hazard
Utilizes press fit technology



XPress combines all the known advantages of copper with clean, rapid, heat-free joining technology. XPress avoids complicated clamping techniques, long preparation procedures and adhesive curing times which, all lead to increased installation times.

The cost benefits of the system do not end with time and insurance. The creation of a sound joint requires only the use of a press-fit tool. The need to purchase and store gases, adhesives, fluxes, solders, threading machines or any other equipment is avoided.



Material Compatibility

XPress fittings are designed to operate at temperatures from 0° to 250°F and a maximum working pressure of 200 psi. XPress fittings are designed for use with ASTM B88 hard drawn and annealed Copper tube, type K, L, or M, in the 1/2" to 4" size range. XPress is approved for underground installations. All XPress fittings carry a 50-year warranty ensuring your push connection will stay perfect.



FAST & SIMPLE

Easy installation. Reduce installation time by 1/3. Connect in under 8 seconds.



CLEAN

No glues, fluxes or solder needed.



NO CONSUMABLE MATERIALS

Reduces material cost and storage

Leak-Free Joints Utilizing Press-Fit Technology.

Typical Fluid Applications

- Potable water
- Potable water system flushing chemicals
- Chilled water with corrosion inhibitors
- Hydronic heating
- Rainwater/greywater



Fitting Socket Depths

Tube Size	Socket Depth
1/2"	13/16"
3/4"	17/32"
1"	15/16"
1 1/4"	1 1/32"
1 1/2"	1 3/16"
2"	1 3/8"
2 1/2"	2"
3"	2"
4"	2 3/8"

1/2" thru 2"

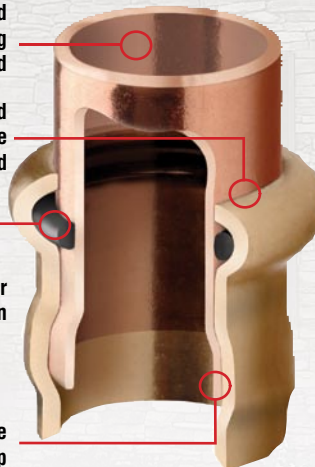
2-1/2" thru 4"

Tubing is inserted to depth of fitting and is secured

Specially designed forward seal to leak at low pressure if joint not pressed

Visible EPDM O-ring for visual seal confirmation

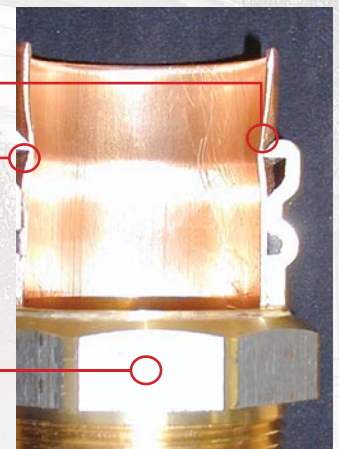
Rear crimp causes tube flair for mechanical grip



Specially designed grip edge

Deep press for added pressure resistance

Continuous cast GM bar construction



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