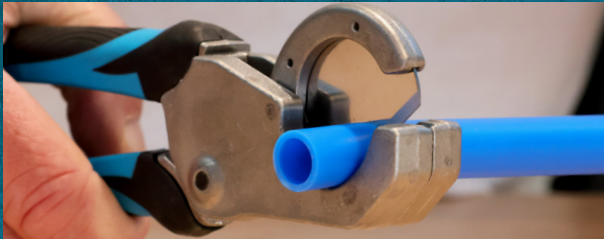
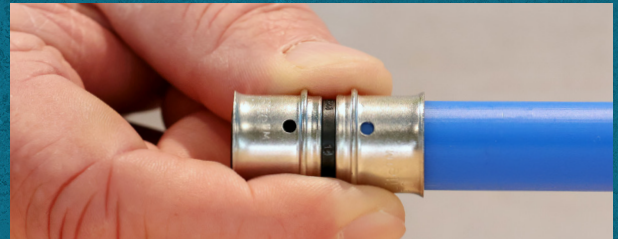


# Making a PEX Press Connection



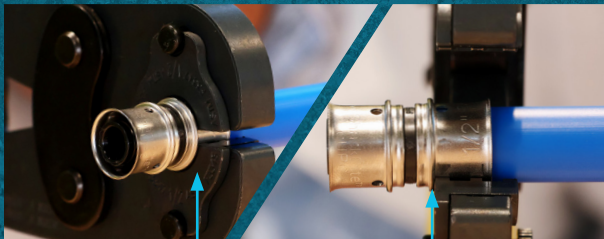
## Cut and check the pipe

Use a PEX cutter to make a square, clean cut on the pipe. Do not use a saw or damaged tool. Uneven or angled cuts may result in improper connection. Ensure the pipe is free of burrs, debris, or damage before pressing.



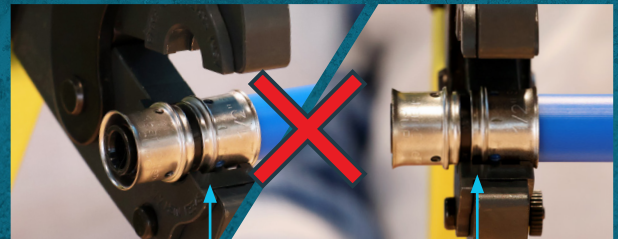
## Insert the Fitting

Slide the SharkBite PEX Press fitting onto the pipe until it reaches the fitting shoulder. Verify full insertion by confirming the pipe is visible through the viewing windows.



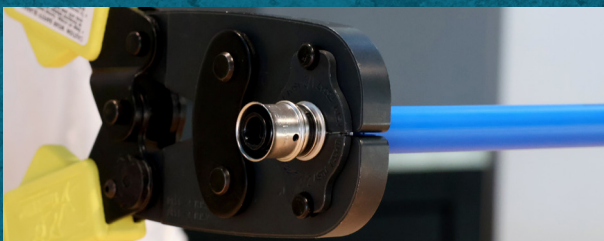
## Position the Press tool

Ensure the jaws are aligned squarely and fully engaged on the stainless-steel sleeve. Verify the tool's locator ridge is positioned on the outside of the tool, regardless of tool orientation.



## Incorrect Positioning of Tool

The press jaws must not cover the locator ridge. Incorrect positioning can make pressing difficult and may result in an improper connection.



## Press the connection

Activate the tool fully until it completes the cycle and jaws are completely closed. The jaws will press the sleeve uniformly around the pipe. Do not interrupt the press cycle and do not press the connection more than once.



## Inspect the joint

Verify the sleeve is evenly compressed with no gaps. Check the pressed connection using the go/no-go gauge.

# 1/2 in, 3/4 in. and 1 in. PEX Press Tool Kit

#33478



## Instruction Guide

Conforms to ASTM F3347 & ASTM F3348

### Gauging Procedure

1. Determine proper size of tubing: 1/2 in, 3/4 in. or 1 in.
2. If GO cavity fits over pressed sleeve and NO-GO does not, tool is pressing properly.
3. If GO cavity does not fit then handle distance must be increased.
4. If GO fits—check NO-GO. If NO-GO fits over pressed sleeve, the sleeve is over-pressed, decrease handle distance. Recheck.

NOTE: Over-pressed and under-pressed sleeves must be removed from tubing. Press with a new fitting.

### Adjustment Procedure

5. Close tool handles until pre-load is reached (this is the point at which jaws touch). Tool should not be completely closed.
6. Measure the distance between dots on the handle ends as shown. 8-1/2 in. – 9-1/4 in. is the correct distance. If the distance is not 8-1/2 in. – 9-1/4 in. the tool must be adjusted.
7. To change the handle ends distance, remove the #6-32 eccentric lock screw with an Allen wrench and push up eccentric from back. Rotate eccentric counter-clockwise to increase handle distance and clockwise to decrease handle distance. Push down eccentric and re-install the #6-32 lock screw in the appropriate hole which most closely yields the desired handle distance.
8. Recheck the set distance after making three presses. The distance should be 8-1/2 in. – 9-1/4 in. between the “dots” on the handles.
9. Check the presses with the go/no-go gauge provided. If satisfactory presses do not result, the tool is likely worn and should be replaced.

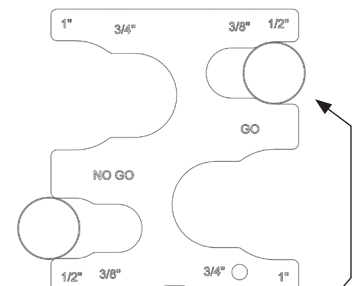
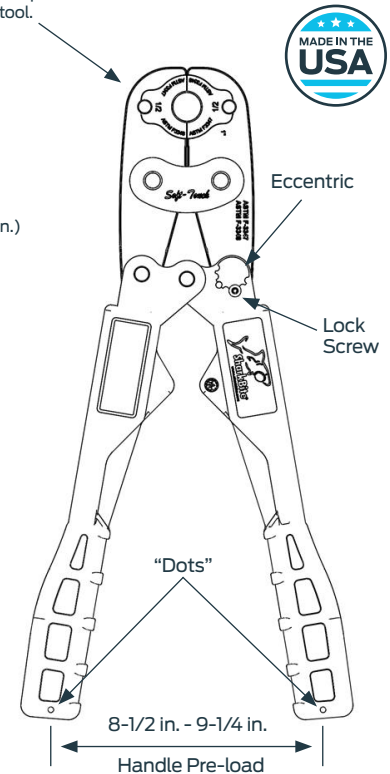
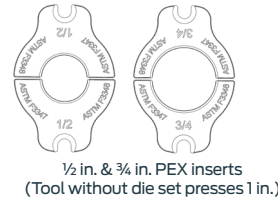
### Tool Maintenance

1. Check tool calibration daily. It is recommended that at least the first and last presses of the day are tested.
2. Never exceed the specified handle distance when adjusting your press tool. Premature wear will result.
3. Lubricate linkages on a regular basis to maximize tool life.

### Warranty

When properly maintained and used as intended, the PEX Press Hand Tool is warranted against materials and manufacturing defects for a period of 1 year from date of purchase. This warranty does not cover defects or damage arising from improper installation, lack of or improper maintenance, improper storage or handling, ordinary wear and tear, misuse, abuse or accident, or use with unauthorized tool or parts. Liability is limited to repair or replacement of tool or component parts which are determined defective as covered by this Warranty.

To insert/remove dies open tool fully and push up plunger pin from back side of tool.



Gauge all presses as shown.  
Do not measure across  
pinched edges.