

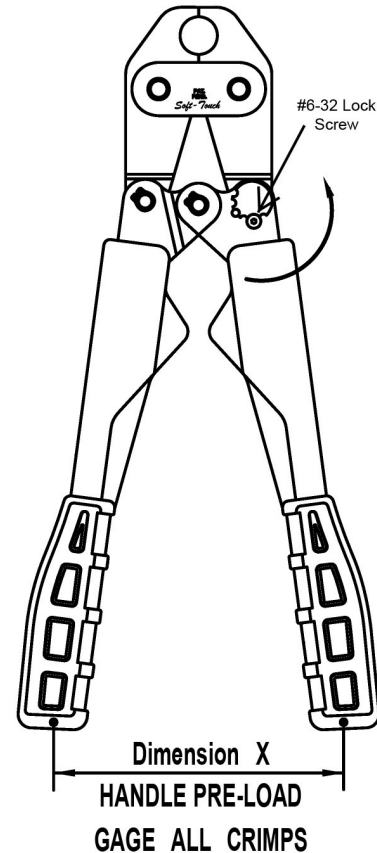
# ADJUSTMENT PROCEDURE FOR: SARGENT 9300 STC MOLDED COMPOSITE HANDLE TOOLS



This tool is adjusted at the factory and no further adjustment should be required before first use.

Should the tools, through extended use, require adjustment, follow these instructions:

1. Close tool handles until pre-load is reached (this is the point at which jaws meet).
2. Measure the distance between dots on the handle ends as shown. Dimension X is the correct distance.
3. To increase the pre-load setting, remove the #6-32 eccentric lock screw and push up eccentric from back to disengage. Rotate counter-clockwise to increase the handle pre-load and clockwise to decrease handle pre-load. Push down eccentric and re-install the #6-32 lock screw in the appropriate hole which most closely yields the desired handle dimension.
4. Recheck the set distance after making three crimps.
5. Check the crimps with the Go/No-Go gauge provided. If crimps do not pass testing, the tool is likely worn and should be replaced.



Rotate counter clockwise to increase pre-load

### Tool Maintenance

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

### LIMITED WARRANTY

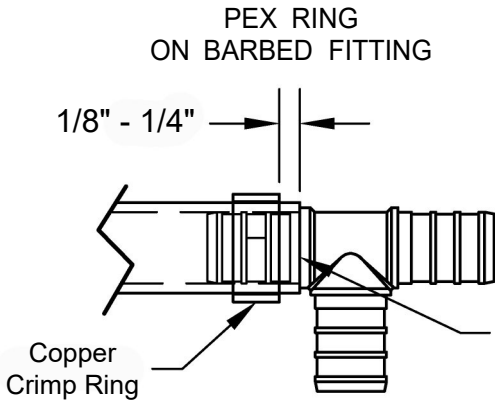
Oetiker Tool Corp. warrants that its product sold are free from defects in workmanship and materials under normal use and service. This warranty does not cover defects or damage arising from improper installation, lack of or improper maintenance, improper storage, shipping and handling, or ordinary wear and tear, misuse, abuse, accident, unauthorized service, or use with unauthorized non-standard products or parts. The only liability of the company in tort or contract whether under this warranty or otherwise shall be limited to the repair or replacement of any product or component part which shall prove defective as covered by this warranty within one year after delivery to the original purchaser from the company. The manufacturer will not pay for the cost or repair performed other than in accordance with this warranty. The product or component part believed to be defective as covered by this warranty should be sent to the point of purchase for return to the manufacturer, and should include your name and address, an identification of the product or component part and a brief description of the defect. Shipping charges must be prepaid, for examination and, in the event such examination reveals a defect covered by this warranty, the product will be repaired or replaced. This warranty is in lieu of all other express warranties. To the extent permitted by law, all implied warranties are limited to the duration of this warranty. The manufacturer shall not be liable for the incidental or consequential damages. Some states do not allow limitation on how long an implied warranty lasts of the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you the specific legal rights, and you may also have other rights which vary state to state.

**This warranty is null and void if the date coded adjustment sticker (shown below) is removed**

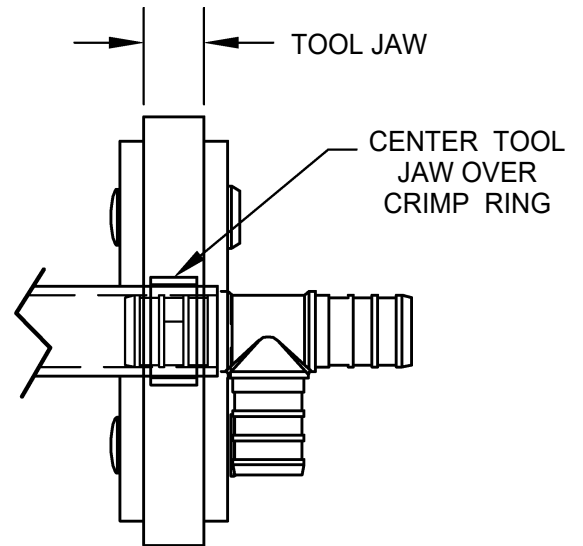
- GAGE ALL CRIMPS. CORRECT HANDLE SETTING AS MEASURED BETWEEN DOTS ON HANDLE ENDS WITH JAWS BUTTING IS 7 1/2"-8".
- TO INCREASE HANDLE PRE-LOAD REMOVE SCREW AND ROTATE CAM COUNTER-CLOCKWISE TO NEXT AVAILABLE HOLE. REPLACE SCREW.

XXXX

# COPPER PEX RING CRIMPING/GAGING INSTRUCTIONS

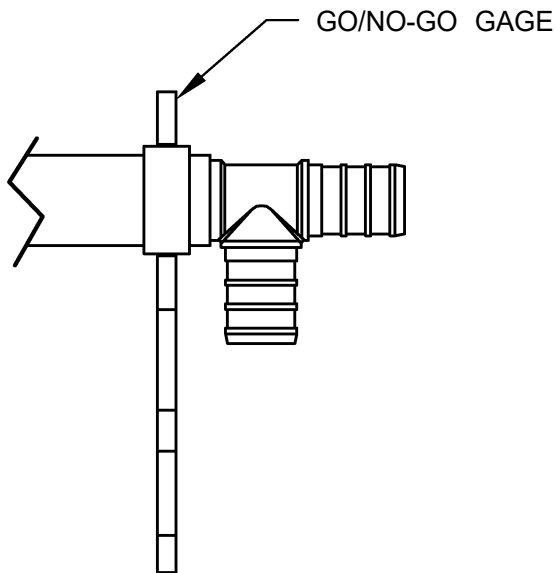


END OF PEX  
TUBING MUST BUTT  
UP TO SHOULDER  
ON FITTING



## CRIMPING/GAGING PROCEDURE

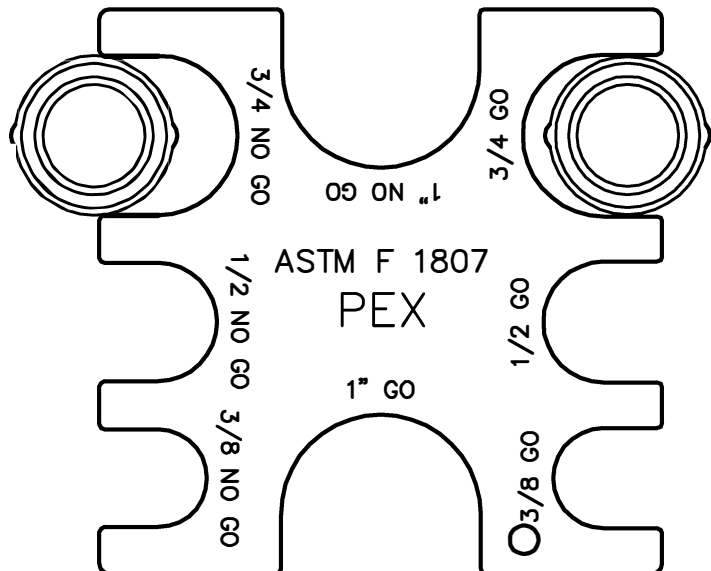
- 1) Place copper ring over end of tubing.
- 2) Push pipe onto barbed fitting all the way to shoulder stop.
- 3) Open the jaws and position the copper crimp ring so it is centered within the tool jaws.
- 4) Before squeezing the handles make sure the copper crimp ring is approx. 1/8" to 1/4" from end of tubing and stop shoulder on barbed fitting.
- 5) Squeeze the handles closed until the handle stops butt. **CRIMP EACH COPPER CRIMP RING ONCE ONLY!**
- 6) Check the crimp with the gage provided. Measure the crimped ring perpendicular to the seams of the crimp as shown in Figure 1. A properly crimped ring should pass the GO side of the gage and not pass the NO-GO gage. If the ring does not pass the GO gage the tool is probably worn and needs to be adjusted as instructed in the Handle Pre-Load Adjustment Procedure.



GOOD CRIMP  
"NO-GO" GAGE  
DOES NOT PASS

FIGURE 1  
CRIMP GAGE

GOOD CRIMP  
"GO" GAGE  
PASSES



**SARGENT  
QUALITY  
TOOLS**

A Member of the **Oetiker Group**

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Designed & Assembled in USA of  
US and imported parts