

# Product Announcement

Subject: HYSON Hose Crimping Instructions When Utilizing EZ-Crimp or Crimping Press	Date: 10/29/2019	Issue: 19-06 Crimping Instructions
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When utilizing HYSON’s EZ CRIMP or the Crimping Press to create hose assemblies, the below information will assist in achieving the proper crimp on your hosing.

When assembling a hose there are two important features:

1. Ensure the hose is properly and fully seated within the ferrule of the fitting
2. Ensure the machine used to crimp the ferrule around the hose is set to and achieves the proper crimping diameter.

Through testing, HYSON has developed the following list of crimping diameter values that will provide a properly assembled hose and fitting combination.

Hose Family	Crimp Diameter*	Tolerance
O-Ring Face	14.5 mm (.571 in.)	+/- 0.3 mm (0.012 in.)
Dual Seal 24	12.4 mm (.488 in.)	+/- 0.1 mm (0.004 in.)
Micro24	7.2 mm (.283 in.)	+/- 0.1 mm (0.004 in.)
EZ Hose (CNOMO)	7.2 mm (.283 in.)	+/- 0.1 mm (0.004 in.)

\***Crimp Diameter** is the diameter at which the crimping die will close. This is typically adjusted by fine-tuning the device with a thimble or by changing out the dies. A pair of calipers to take a diametrical measurement between the ribs that the dies produce is utilized to check the diameter.

