

## FT1282 Hand Swage Machine

The FT1282 hand swage machine provides convenient field assembly of Aeroquip Polyon™ thermoplastic hose and fittings. Light in weight, the FT1282 swage machine is designed for portable use in the field and will accommodate Polyon hose and fittings in  $\frac{3}{16}$ " through 1" sizes. Featuring aluminum and steel construction, the FT1282 machine employs a threaded mechanical advantage to easily swage end fittings on the hose.

Order by part number FT1282. Dies and pushers must be ordered separately. Refer to Bulletin 2068.



Aeroquip FT1282 hand swage machines may be bench mounted as shown in the following assembly instructions. In addition, the FT1282 machine may be used in a vise or with the support arm on any flat surface at the jobsite.

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### Specifications

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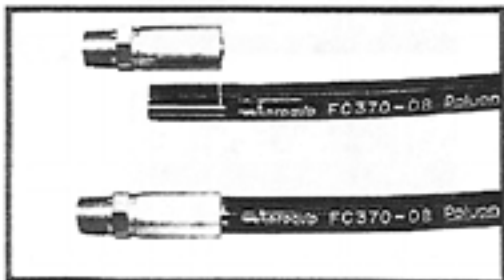
**Material:** aluminum and steel.

**Weight:** 12 lbs.

**Dimensions:** 5" x 6 $\frac{3}{8}$ " x 17 $\frac{3}{8}$ " tall

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# FT1282 Hand Swage Machine Instructions

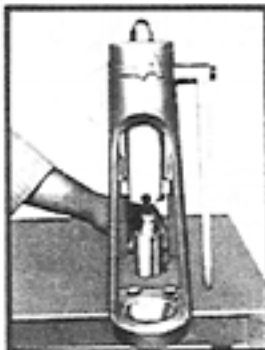


## Step 1.

Select the hose and fittings to be used. Using the bottom edge of the fitting part number as a reference for the length of hose to be inserted into the socket, mark the hose for insertion length with a grease pencil. Push the fitting onto the hose leaving the socket edge flush with the mark on the hose. Lightly lubricating the fitting nipple will ease fitting insertion.

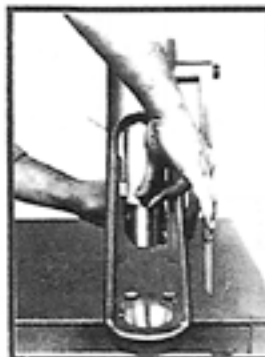
## Step 2.

Turn drive nut counterclockwise to raise the pusher holder to maximum upward position. Align pusher as shown.



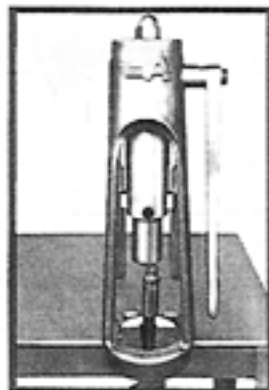
## Step 3.

Insert pusher completely into holder and secure with thumb screw. Tighten thumb screw to hold the pusher firmly in place.



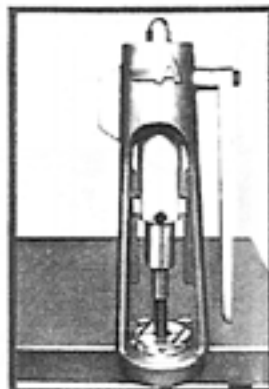
## Step 4.

Oil the inner surfaces of both die halves. Insert one half of the die into the tapered base cup. Insert preassembled hose and fitting upward through the opening in the tapered base cup.



## Step 5.

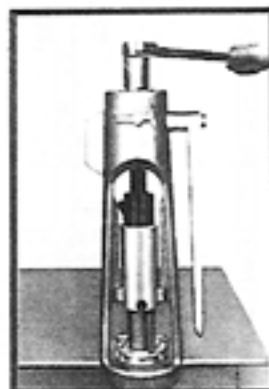
Insert the preassembled hose and fitting securely into the pusher and place other half of die into the tapered base cup. Secure dies with the retaining springs if desired.



## Step 6.

With an appropriate wrench, turn the drive nut (at the top of the swager) clockwise continuously until the pusher bottoms against the dies. Swaging operation is complete.

Turn drive nut counterclockwise to retract pusher and remove dies from swaged fitting. The dies may require a light tap to free the swaged fitting.



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