



LOCKING PLIER STYLE INLINE PIPE CLAMP OPERATIONS

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1 SCOPE

This manual defines the procedures for proper use and care for inline pipe clamps. These clamps are used in the process of installing electrofusion couplings on pipes in pressure gas environments. The clamps are used to hold the pipes and coupling inline and stable throughout the heating and cooling cycles.

2 PRODUCT DESCRIPTION AND FEATURES

The clamps are like regular locking pliers, with the addition of clamp ears sized for specific OD controlled plastic pipe. The table below lists the part numbers for all the available sizes. Operation of these clamps is the same for all sizes. The clamps should be kept clean and in good working order. It is recommended to carefully store them between uses to minimize the risk of damage.

Table 1: Available sizes

NPS Size	Part Number
1/2 CTS	88364732
1 CTS	88364740
1 CTS x 1/2 CTS	88412044
1-1/4 CTS	88364757
1/2 IPS	88364682
3/4 IPS	88364690
1 IPS	88364708
1 IPS x 1 CTS	88280049
1-1/4 IPS	88364716
2 IPS	88364724
2 IPS x 1-1/4 IPS	88365945



3 OPERATION

1. The clamps have an adjustment bolt on the end of one of the handles.
2. Grasp the clamp in your hands and open them by pressing the tab on the inside of one handle.
3. Clamp onto the PE Pipe by closing the two handles together, the over-center action of the clamp locks the ears onto the pipe and centered over the prepared coupling (scraped and cleaned).
4. Turn the adjustment bolt until the jaws grasp the PE pipe you want to be gripped, but at the same time keep the two handles slightly apart.
5. Squeeze the handles together slightly around the PE pipe. Do not apply excessive force or damage to the pipe may occur.
6. When the adjustment bolt is turned clockwise, the jaws will close/tighten. If turned counterclockwise, the jaws will open/loosen.
7. The clamp will now stay locked on the pipe until released.
8. When the required time for clamp removal has passed in the fusion cycle, the clamp can be released. To do this, pull the release handle toward the adjuster handle and the clamp will release.

Document History:

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