



# C19 Large Diameter Coupling Inserter Operating Instructions

- 1.** Mark hose to show where the end of the stem will be when the stem is fully inserted.



- 2.** Wrap chains around hose so that each chain tail is 180° from the other, and so that the chains are behind the line drawn in step 1. Be sure that the chains are wrapped as tight as possible.



- 3.** Lubricate the stem and ID of the hose with Dixon lube. Start the stem into the hose by hand so that the stem won't grab the end of the hose.



- 4.** Place the correct pusher plate on the end of the stem so that the stem is seated tight to the plate.



- 5.** Place the cylinder end of the coupling inserter on the stud of the pusher plate as shown. Pull the chains through the holes in the coupling inserter as shown below. Be sure that the chains are pulled as tight as possible, and are locked into the narrow sides of the coupling inserter beam.



- 6.** Extend the cylinder to insert the fitting. If the coupling inserter begins to rock to one side, STOP extending the cylinder and reposition the chains as described in step 2.



- 7.** If the cylinder runs out of stroke before the coupling is fully inserted, grasp the cylinder and push it towards the fitting while releasing the pressure. Unlock and pull the chains tight and relock the chains.



- 8.** Continue inserting the fitting as described in step 6. Repeat steps 6 and 7 until the fitting is fully inserted.



- 9.** Unlock the chains and remove the coupling inserter beam from the pusher plate.



- 10.** Remove the pusher plate from the fitting.



- 11.** Remove the chains from the hose. Inspect the hose body.



### Required Pusher Plates (must be purchased separately)

**45CIPUSH** - 4" and 5" hose ID (threaded, weld end, grooved end)

**68CIPUSH** - 6" and 8" hose ID (threaded, weld end, grooved end)

**1012CIPUSH** - 10" and 12" hose ID (threaded, weld end, grooved end)

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