

Installation Instructions

1287000B

CK Compression Fitting Kits

1-1/4", 1-1/2", 2" IPS Male Adapter w/Grip Ring

1-1/2" IPS X 1-1/4" Male Adapter w/Grip Ring

1-1/2" CTS X 1-1/4" Male Adapter

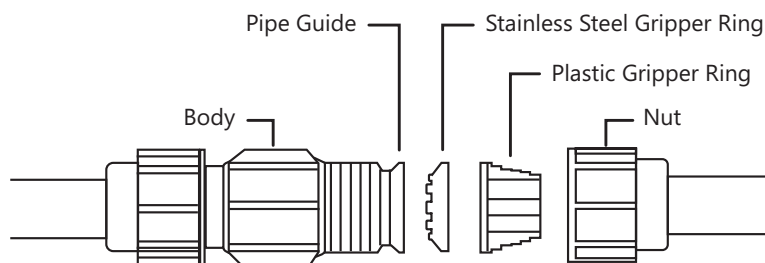
⚠ WARNING ⚠ **INSTALLATION SHALL BE PERFORMED BY QUALIFIED PERSONNEL ONLY**

For Compression Ends

1. Cut the pipe square with tubing cutters.
2. Chamfer the outer edge of the pipe with a chamfer tool.
- 3a. **For polyethylene tubing (HDPE):** loosen the nut down to one or two threads. Proceed to Step 4 for installation. **Do not use the stainless steel gripper ring for installation on HDPE.**
- 3b. **For PVC:** detach the nut and plastic gripper ring on the compression end of the fitting or valve. Place the stainless steel gripper ring in the pipe guide with teeth pointing downwards into the body of the fitting (refer to image below). Reinstall the plastic gripper ring and nut back onto the compression end of the fitting or valve. Tighten the nut down one or two threads (*the nut should be loosely attached for installation*).
4. Insert pipe to first stop, which will be the O-ring (*O-ring has been lubricated to make insertion easier but additional pipe lube can be added*).
5. Push pipe past the O-ring to next stop.
6. Tighten the nut using a pipe wrench or a strap wrench, but do not overtighten (*risk of cracking if overtightened*).

For Male Threaded Ends

1. Double wrap threads with PTFE thread seal tape and/or use PTFE paste (*do not use petroleum based paste*).
2. Thread male end into female end using a strap wrench or a wrench, but do not overtighten (*risk of cracking if overtightened*).



Pressure Sewer Applications

A redundant check valve assembly consisting of a curb stop and check valve must be installed between the pump discharge and the street main, as close to the public right-of-way as possible, on all pressure (force main) sewer installations to protect from system pressures. The curb stop valve is necessary to isolate the site from the pressure sewer while the check valve provides redundant protection against potentially detrimental backflow. All valves and fittings should be rated for at least 200 PSI service.

