

Weldless Kettle Bulkhead Installation

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Included in this kit, is one stainless coupler, one stainless washer, one stainless nipple, two hi-temp o-rings, and one stainless locknut.

The locknut option provides an exterior anchor point to compress the hi-temp o-rings in order to properly seal the hole made in your kettle.



1. Drill a 7/8" hole in your kettle at the desired location for the weldless fitting. If using a hole saw, the hole will be almost exactly 7/8". A step bit can allow you make a slightly smaller hole, and file it so that the nipple threads in, providing a slightly better seal.
2. Wrap the supplied nipple with several wraps of thread tape. Be sure to note the direction the nipple threads into the nut and coupler, so that your tape runs in this same direction. This prevents tearing of the tape, which can lead to leaks.
3. Place a hi-temp o-ring on one side, working it about the middle of the fitting. Tighten the locknut over it.
4. At this time, screw your ball valve or other fitting on the same side as the locknut. This allows your valve to be positioned properly when the entire fitting is installed and tightened.
5. Insert the nipple into the hole, locknut on the outside, then work on the other hi-temp o-ring, followed the washer, then finally the coupling. The coupling will have to be pushed on, compressing the o-rings. Hand tightening the entire fitting is usually adequate, however a wrench can be used to hold the locknut while the coupling is tightened, just until any leaks stop.
6. Fill kettle with water, past fitting, check for leaks. If leaks are present, tighten fitting until leaks stop.

