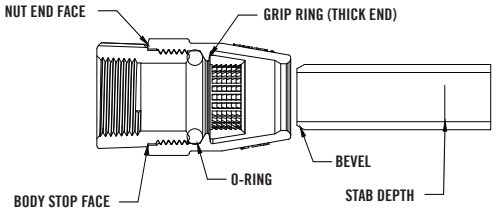
Replacement Instructions for Handy-Loc ("H" & "-3H") Series Compression Nut Assembly Installation



For use on PE tube only.
Do **Not** use on copper tube.

The A.Y. McDonald Series compression system is a simple convenient method of

The simple steps listed below will make your job easier and assure fast, safe, and watertight connections:

1. Handy-Loc Nut Assemblies may only be used on bodies designed for the Handy-Loc nuts. Using Handy-Loc nuts on bodies not designed for Handy-Loc nuts **will** cause failure. If you have any question as to whether the mating part is designed for the Handy-Loc nut, contact A.Y. McDonald Mfg.
2. The A.Y. McDonald Handy-Loc Nut Assembly works only with A.Y. McDonald parts.
3. Prior to assembly verify that the grip ring and o-ring are oriented as shown in the diagram. The thick end of the grip ring should be facing the o-ring.
4. Install Handy-Loc Nut Assembly onto body and tighten with smooth jaw wrench to the stop prior to installing PE pipe.
5. Service tubing should always be **snaked** in the ditch.
6. Use a tube cutter to assure a square end. Make sure pipe is round. Surface should be clean and free of nicks.
7. Use chamfer tool to bevel lead edge of tubing, **do NOT lubricate tubing or use an insert stiffener** (chamfer tool available through A.Y. McDonald Mfg).
8. Mark tube from lead edge to ensure proper insertion depth. (See chart below for required depth), stab tube through nut, grip ring, and o-ring until end of nut is even with mark. (Some fittings may or may not have a stop). Pull on tube to lock in place.
9. **PRESSURE TEST FOR LEAKS BEFORE BACKFILLING.**
10. **USE ONLY ON COLD WATER SERVICES.**
11. A.Y. McDonald is not responsible for damage resulting from use of the Handy-Loc Nut Assembly with an improper body or improper installation.

Types of tubing for use with A.Y. McDonald Fittings

NOMINAL SIZE	POLYETHYLENE ASTM D2737 SDR 9 TUBE SIZE O.D.	POLYETHYLENE ASTM D2239 SIDR 7 TUBE SIZE O.D.	A.Y. McDonald Chamfer Tools	Tubing Stab Depth
3/4" (H)	.871/.879	NA	4772 3/4"	2 1/8"
1" (H)	1.120/1.130	NA	4772 1"	2 3/16"
3/4" (-3H)	NA	1.045/1.110 (1.089)	4773 3/4"	2 3/16"
1" (-3H)	NA	1.329/1.399 (1.384)	4773 1"	2 7/8"

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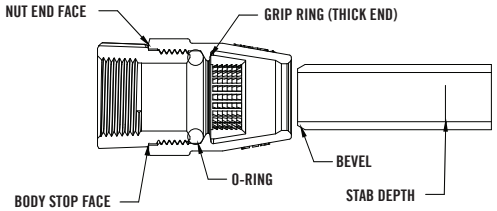

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Replacement Instructions for Handy-Loc ("H" & "-3H") Series Compression Nut Assembly Installation

A.Y. McDonald waterworks products are designed for reliable service.
Like all brass products, however, they can be damaged by improper handling and use.

CAUTIONS

1. Protect threads. Avoid loose fitting wrenches. Do not drop or impact.
2. Use extra care with high water pressures (over 100 PSIG). Consult factory if desired.
3. Inspect and test all joints, valves and fittings before backfilling.
4. Backfill carefully so as to avoid damage to the service line and connections. Looping of the service lines is recommended to minimize strain.
5. DO NOT use Vaseline®, plumber's grease, or any other petroleum based product on seals or o-rings.

DAMAGE CAUSED BY IMPROPER USE AND/OR HANDLING WILL VOID OUR WARRANTY.

WARNING: It is unlawful in **CALIFORNIA & VERMONT (effective 1/1/2010); MARYLAND (effective 1/1/2012); LOUISIANA (effective 1/1/2013) and the UNITED STATES OF AMERICA (effective 1/4/2014)** to use any product in the installation or repair of any public water system or any plumbing in a facility or system that provides water for human consumption if the wetted surface area of the product has a weighted average lead content greater than 0.25%. This prohibition does not extend to service saddles used in California, Louisiana or under USA Public Law 111-380.

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