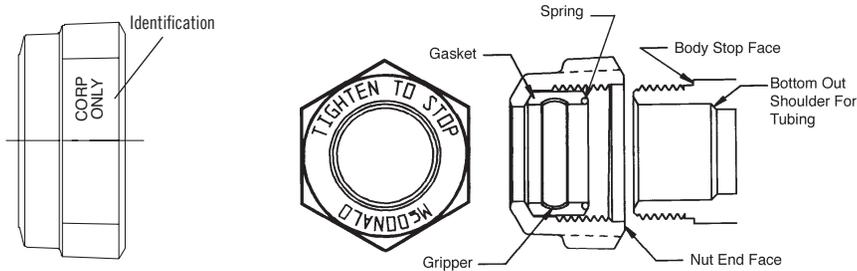




Replacing 1 1/2" & 2" McQuik Cork "Q-16" Series Compression Nut & Gasket Assembly



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

- 1 1/2" and 2" McQuik Corp Nut and Gasket Assemblies may only be used on A.Y. McDonald Mfg. Corp bodies designed for McQuik Nuts. Using McQuik Corp Nuts on Corporation Stops not designed for McQuik Nuts or other A.Y. McDonald McQuik fittings **WILL** cause failure. If you have any questions as to whether the mating part is designed for the McQuik Corp Nut, contact A.Y. McDonald MFG.
- The McQuik Corp Nut will be marked "CORP ONLY" as shown in figure above.
- Service tubing should always be **snaked** in the ditch.
- Use a tube cutter to assure a square end. Surface should be clean.
- Insert stiffeners **must** be used with plastic tubing.
- Prior to assembly, make certain the gasket assembly is positioned with the spring facing the body, as shown in the diagram.
- Stab tube through the nut and into the socket of the valve or fitting until it bottoms out.
- Tighten the McQuik "Q-16" Series Nut to the stop. The end face of the nut is to contact the stop face of the body. **Note:** If using **HARD TEMPER** copper tube and 2" fitting, tighten nut to 125 ft-lbs torque. End face of nut may not contact the stop face of the body.
- PRESSURE TEST FOR LEAKS BEFORE BACKFILLING.**
- USE ONLY ON COLD WATER SERVICES.**
- A.Y. McDonald is not responsible for damage resulting from use of the McQuik Corp Nut and Gasket Assembly with an improper body.

Types of Pipe/Tubing for use with A.Y. McDonald Fittings
(Outside Diameters listed)

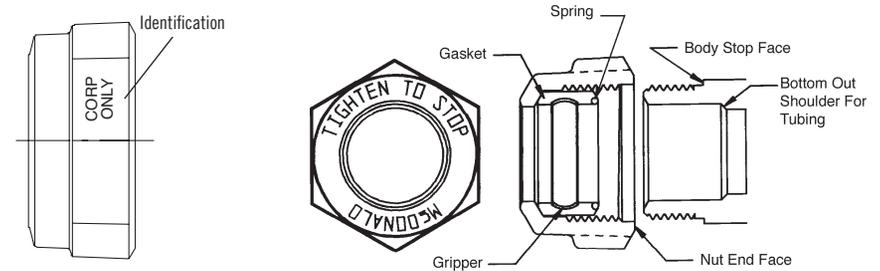
| NOMINAL SIZE | TYPE K or L COPPER TUBE | POLYETHYLENE ASTM D2737 SDR 9 TUBE SIZE * | POLYBUTYLENE ASTM D2666 SDR 9 TUBE SIZE CLASS 250 * |
|--------------|-------------------------|---|---|
| 1 1/2" | 1.621 | 1.619 | 1.625 |
| | 1.630 | 1.631 | 1.637 |
| 2" | 2.120 | 2.119 | 2.125 |
| | 2.130 | 2.131 | 2.137 |

The A.Y. McDonald McQuik "Q" Series compression system is a simple convenient method of connection for tube size service materials (See table provided for approved tubing specs.)

(OVER)



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**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) and pipe or tubing over 1". 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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