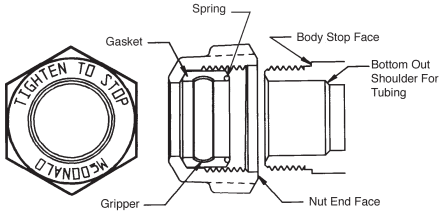
Installation Instructions - Read Carefully

Replacement McQuik ("Q") Series Compression Nut and Gasket Assembly



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

1. McQuick Nut and Gasket Assemblies may only be used on bodies designed for McQuick nuts. Using McQuick nuts on bodies not designed for McQuick nuts **will** cause failure. If you have any questions as to whether the mating part is designed for the McQuick nut, contact A.Y. McDonald Mfg. Co.
2. The A.Y. McDonald McQuick Nut and Gasket Assembly works only with A.Y. McDonald parts.
3. Service tubing should always be **snaked** in the ditch.
4. Use a tube or pipe cutter to assure a square end. Make sure pipe is round. On copper tubing, use a rounding tool, if necessary. Surface should be clean and free of nicks.

*5. Insert stiffeners **must** be used with plastic tubing.

6. Prior to assembly, make certain the gasket assembly is positioned with the spring facing the body, as shown in the diagram.
7. Stab tube through the nut and into the socket of the valve or fitting until it bottoms out (some fittings may or may not have a stop).
8. Tighten the McQuick "Q" Series nut to the stop. The end face of the nut is to contact the stop face of the body.
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 McQuick 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 *
3/4"	.872 / .878	.871 / .879	.875 / .883
1"	1.121 / 1.129	1.120 / 1.130	1.125 / 1.135
1 1/4"	1.371 / 1.379	1.370 / 1.380	1.375 / 1.385
1 1/2"	1.621 / 1.630	1.619 / 1.631	1.625 / 1.637
2"	2.120 / 2.130	2.119 / 2.131	2.125 / 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.)

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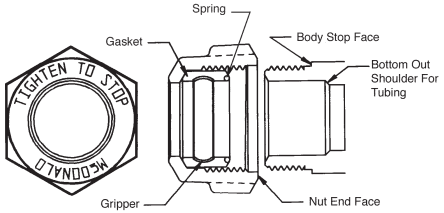

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A.Y. McDonald waterworks products are designed for reliable service. Like all brass products, however, they can be damaged by improper handling and use.

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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