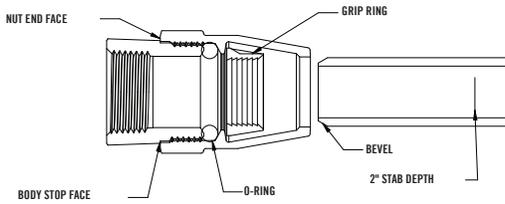




PEP Handy-Loc (1/2"-3H")



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

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

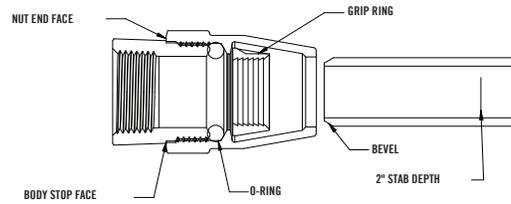
1. Service tubing should always be **snaked** in the ditch.
2. Use a tube cutter to assure a square end. Make sure that pipe is round. Surface should be clean and free of nicks.
3. Use chamfer tool to bevel lead edge of tubing, **do NOT use insert stiffener** (chamfer tool available through A.Y. McDonald Mfg).
4. Verify grip ring orientation as shown in diagram to ensure proper tube installation, DO NOT disassemble nut from body it inspect.
5. Mark tubing 2" from lead edge, (**Do not lubricate tubing**) stab tube through nut and into the socket of the valve or fitting until end of nut is even with mark. (Some fittings may or may not have a stop).Pull on tube to lock in place.

Types of tubing for use with 1/2"-3H" A.Y. McDonald Fittings (Outside Diameters listed)	
NOMINAL SIZE	POLYETHYLENE ASTM D2239 SDR 7 TUBE SIZE
3/4"	1.045/1.110
1"	1.329/1.399

6. **PRESSURE TEST FOR LEAKS BEFORE BACKFILLING.**
7. **USE ONLY ON COLD WATER SERVICES.**



PEP Handy-Loc (1/2"-3H")



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

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

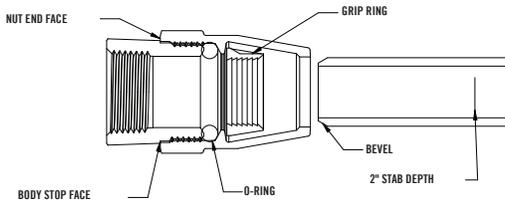
1. Service tubing should always be **snaked** in the ditch.
2. Use a tube cutter to assure a square end. Make sure that pipe is round. Surface should be clean and free of nicks.
3. Use chamfer tool to bevel lead edge of tubing, **do NOT use insert stiffener** (chamfer tool available through A.Y. McDonald Mfg).
4. Verify grip ring orientation as shown in diagram to ensure proper tube installation, DO NOT disassemble nut from body it inspect.
5. Mark tubing 2" from lead edge, (**Do not lubricate tubing**) stab tube through nut and into the socket of the valve or fitting until end of nut is even with mark. (Some fittings may or may not have a stop).Pull on tube to lock in place.

Types of tubing for use with 1/2"-3H" A.Y. McDonald Fittings (Outside Diameters listed)	
NOMINAL SIZE	POLYETHYLENE ASTM D2239 SDR 7 TUBE SIZE
3/4"	1.045/1.110
1"	1.329/1.399

6. **PRESSURE TEST FOR LEAKS BEFORE BACKFILLING.**
7. **USE ONLY ON COLD WATER SERVICES.**



PEP Handy-Loc (1/2"-3H")



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

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

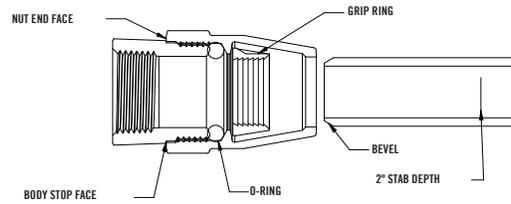
1. Service tubing should always be **snaked** in the ditch.
2. Use a tube cutter to assure a square end. Make sure that pipe is round. Surface should be clean and free of nicks.
3. Use chamfer tool to bevel lead edge of tubing, **do NOT use insert stiffener** (chamfer tool available through A.Y. McDonald Mfg).
4. Verify grip ring orientation as shown in diagram to ensure proper tube installation, DO NOT disassemble nut from body it inspect.
5. Mark tubing 2" from lead edge, (**Do not lubricate tubing**) stab tube through nut and into the socket of the valve or fitting until end of nut is even with mark. (Some fittings may or may not have a stop).Pull on tube to lock in place.

Types of tubing for use with 1/2"-3H" A.Y. McDonald Fittings (Outside Diameters listed)	
NOMINAL SIZE	POLYETHYLENE ASTM D2239 SDR 7 TUBE SIZE
3/4"	1.045/1.110
1"	1.329/1.399

6. **PRESSURE TEST FOR LEAKS BEFORE BACKFILLING.**
7. **USE ONLY ON COLD WATER SERVICES.**



PEP Handy-Loc (1/2"-3H")



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

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

1. Service tubing should always be **snaked** in the ditch.
2. Use a tube cutter to assure a square end. Make sure that pipe is round. Surface should be clean and free of nicks.
3. Use chamfer tool to bevel lead edge of tubing, **do NOT use insert stiffener** (chamfer tool available through A.Y. McDonald Mfg).
4. Verify grip ring orientation as shown in diagram to ensure proper tube installation, DO NOT disassemble nut from body it inspect.
5. Mark tubing 2" from lead edge, (**Do not lubricate tubing**) stab tube through nut and into the socket of the valve or fitting until end of nut is even with mark. (Some fittings may or may not have a stop).Pull on tube to lock in place.

Types of tubing for use with 1/2"-3H" A.Y. McDonald Fittings (Outside Diameters listed)	
NOMINAL SIZE	POLYETHYLENE ASTM D2239 SDR 7 TUBE SIZE
3/4"	1.045/1.110
1"	1.329/1.399

6. **PRESSURE TEST FOR LEAKS BEFORE BACKFILLING.**
7. **USE ONLY ON COLD WATER SERVICES.**



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.



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.



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.



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.