

Rev. 5-16 Shaded area indicates change

### MUELLER Drilling and Tapping Machine equipment required to install corporation valves having MUELLER Grip Compression Connection outlet

Valve size (nominal) (If two numbers: Inlet x Outlet)	3/4"	3/4" x 1"	1"	1-1/2"	2"	3/4"	3/4"x1"	1"	
	CTS	CTS	CTS	CTS	CTS	IPS PE	IPS PE	IPS PE	
Combined drill and tap size - see section 1 for part numbers	3/4"	3/4"	1"	1-1/2"	2"	3/4"		1"	
B-101/B-100 inserting tool	680600	680601	680601	-	-	680688	680602	680602	
A-3 inserting tool	-	-	680601	680421	680422	-	-	680602	
Maximum allowable size drill or shell cutter - see section 2 for part numbers	AWWA I.P.	11/16"	11/16"	7/8"	1-7/16"	1-3/4"	11/16"	11/16"	7/8"
	CC (AWWA taper)	11/16"	11/16"	15/16"	1-7/16"	1-15/16"	11/16"	11/16"	15/16"
Mega-Cut™/E-5 machine adapter nipple	52019	36750	36750	501949	508199	508919	682256	682256	
D-5 machine adapter nipple	37902	37903	37903	507644	507645	508917	682259	682259	
Tru-Cut/PL-2 machine adapter nipple for use on 1.125" max. wall PVC	507632	507633	507633	-	-	509050	682290	682290	

\*Ball and ORI-CORP® Corporation valves IP and CC inlet: 1-7/8" maximum.

### Tubeing, pipe and liners used with MUELLER Grip Compression Connection

Nominal size of connection	Material*	Tubeing or pipe O.D. range - inches	Tubeing or pipe wall thickness range - inches	Tubeing or pipe I.D. range - inches	Liner part number
3/4" CTS	Type "K" copper	0.872 - 0.878	0.061 - 0.069	-	-
	Polyethylene	0.871 - 0.879	0.097 - 0.107	0.657 - 0.685	528704
1" CTS	Type "K" copper	1.121 - 1.129	0.061 - 0.069	-	-
	Polyethylene	1.120 - 1.130	0.125 - 0.137	0.846 - 0.880	528705
1-1/2" CTS	Type "K" copper	1.621 - 1.630	0.067 - 0.077	-	-
	Polyethylene	1.619 - 1.631	0.181 - 0.199	1.221 - 1.269	528706
2" CTS	Type "K" copper	2.120 - 2.130	0.076 - 0.090	-	-
	Polyethylene	2.119 - 2.131	0.236 - 0.260	1.599 - 1.659	528707
3/4" IPS	Polyethylene	1.045 - 1.110	0.118 - 0.138	0.809 - 0.834	505141
1" IPS	Polyethylene	1.329 - 1.399	0.150 - 0.170	1.029 - 1.059	505142

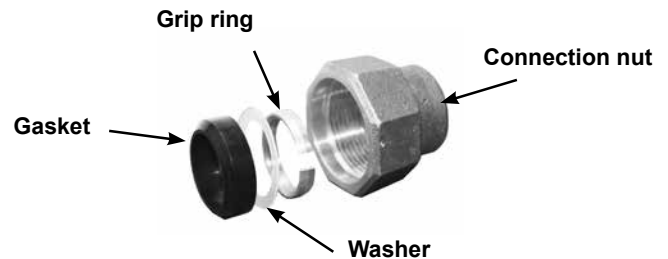
\*Type "K" soft copper tubeing per ASTM B88; CTS polyethylene (PE) per ASTM D-2737 - SDR-9  
IPS polyethylene (PE) per ASTM D-2239 - PE SIDR-7



Liner

### Grip Joint kits

Size	Kit	Grip ring	Washer	Gasket	Connection nut
3/4" CTS	682861	312919	311692	537881	537838
1" CTS	682862	312920	311695	537882	537839
1-1/2" CTS	682863	312921	538107	537883	537840
2" CTS	682864	312922	538108	538109	537841
3/4" IPS	683023	313094	313695	311869	538320
1" IPS	683024	313095	312122	313098	538321



### Corporation Valve Wrench

For operating up to and including 1" corporation valves.



H-10048