

**Mueller® Drilling and Tapping Machine equipment required to install corporation valves having copper flare connection outlet**

Valve size (nominal) (If two numbers: Inlet x Outlet)	1/2"	1/2"x3/4"	5/8"x3/4"	3/4"	3/4"x1"	1"	1-1/4"	1-1/2"	2"	
Combined drill and tap size - see section 1 for part numbers	1/2"	1/2"	5/8"	3/4"	3/4"	1"	1-1/4"	1-1/2"	2"	
B-101/B-100 inserting tool	680598	680600	680600	680600	680601	680601	-	-	-	
A-3 inserting tool	-	-	-	-	-	680601	680602	88640	88641	
Maximum allowable size drill or shell cutter - see section 2 for part numbers	AWWA I.P.	7/16"	7/16"	9/16"	11/16"	11/16"	7/8"	1-1/8"	1-7/16"	1-3/4"
	CC (AWWA taper)	7/16"	7/16"	9/16"	11/16"	11/16"	15/16"	1-3/16"	1-7/16"	1-15/16"
Mega-Cut™/E-5 machine adapter nipple	63796	52019	52019	52019	36750	36750	682256	501947	508201	
D-5 machine adapter nipple	37900	37902	37902	37902	37903	37903	682259	37905	37906	
Tru-Cut/PL-2 machine adapter nipple for use on 1.125" max. wall PVC	-	-	-	507632	507633	507633	-	-	-	

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

**I.P. thread copper flare connection optional equipment**

**I.P. thread copper flare nut**

This connection thread is one size larger than the copper tubing to be flared.

CATALOG NUMBER:  
**H-15432**



3/4"	1"
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**Solid copper disc**

Used with regular copper flare nut to shut off line.

CATALOG NUMBER:  
**H-15535N**



1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
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**Brass cap**

Cap off line

**H-15540N**

Copper flare thread



3/4" *	1" *	1-1/2"	2"
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**H-15545N**

CTS 110 thread

1-1/2"	2"
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\* 3/4" and 1" CTS 110 has copper flare thread

**Flaring Tool**

Used to make 45° flare on type "K" copper tubing.

CATALOG NUMBER:  
**H-18000**



1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
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**Drilled Flaring Tool**

Used to make 45° flare on type "K" copper tubing without shutting off water—drilled to exhaust water at right angle to tubing.

CATALOG NUMBER:  
**H-18005**



3/4"	1"
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**Reamer**

Used to ream the inside of type "K" copper tubing to remove burrs prior to flaring.

CATALOG NUMBER:  
**H-18010**



1/2"	3/4"	1"
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**Brass Hammer**

Solid brass head with 10" wooden handle.

Weight 2- 3/4 lb.

CATALOG NUMBER:  
**H-18025**



**Compression to Flare Push-in-Bushing**

CATALOG NUMBERS:

3/4" - 682332 1" - 682333



**Corporation Valve Wrench**

For operating up to and including 1" corporation and valves.

CATALOG NUMBER:

**H-10048**



**Note: When using any striking tool, safety eye protection must be worn. Inspect hammer and tools for any damage after each use and repair or replace if mushrooming or chipping evident.**