

Shaded area indicates change Rev. 4-14



B-25006N

MUELLER® 300™ Ball Corporation Valve
AWWA taper
(MUELLER "CC") thread
MUELLER®
INSTA-TITE® Connection for
CTS PE* pipe

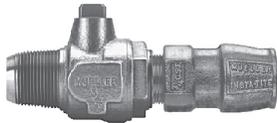
3/4"	1"
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B-25024N

MUELLER® 300™ Ball Corporation Valve
AWWA I.P. thread
MUELLER®
INSTA-TITE® Connection for CTS
PE* pipe

3/4"	1"
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B-25005N

MUELLER 300 Ball Corporation Valve
AWWA taper
(MUELLER "CC") thread
MUELLER®
INSTA-TITE® Connection for IPS
PE* pipe

3/4"	1"
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B-25026N

MUELLER 300 Ball Corporation Valve
AWWA I.P. thread
MUELLER®
INSTA-TITE® Connection for
IPS PE* pipe

3/4"	1"
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B-25000N

MUELLER 300 Ball Corporation Valve
Inlet: AWWA taper
(MUELLER "CC") thread
Outlet: Copper flare straight
connection

3/4"	3/4" x 1"	1"	1-1/2"	2"
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B-25025N

MUELLER 300 Ball Corporation Valve
Inlet: AWWA I.P. thread
Outlet: Copper flare straight
connection

3/4"	3/4" x 1"	1"	1-1/2"	2"
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B-25020N

MUELLER 300 Ball Corporation Valve
Inlet: AWWA taper
(MUELLER "CC") thread
Outlet: Copper flare x 90
Bend CS

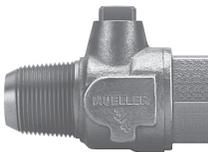
3/4"	1"	1-1/2"	2"
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B-25010N

MUELLER 300 Ball Corporation Valve
Inlet: AWWA taper
(MUELLER "CC") thread
Outlet: Copper flare x 45

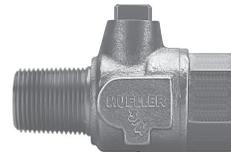
1-1/2"	2"
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B-20045N

MUELLER 300 Ball Corporation Valve
Inlet: AWWA taper
(MUELLER "CC") thread
Outlet: F.I.P. thread

3/4"	3/4"x1"	1"	1-1/2"	2"
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B-20046N

MUELLER 300 Ball Corporation Valve
Inlet: AWWA I.P. thread
Outlet: F.I.P. thread

3/4"	3/4"x1"	1"	1-1/2"	2"
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*See charts on pages 5.12-5.16 for tubing and pipe that may be used with these connections.

NOTE: Sizes shown above represent nominal size of inlet and outlet connections. When two sizes are given, the first is size of inlet and the second is size of outlet.

For identification purposes MUELLER INSTA-TITE Connections for CTS O.D. PE tubing have red gripper rings, and the connections for IPS PE pipe have white gripper rings.

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.