

## Corporation Stops



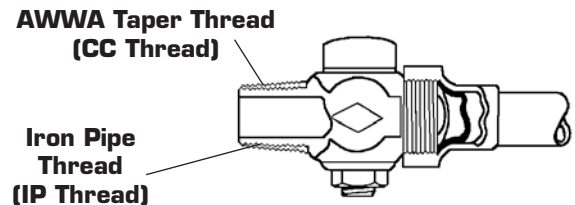
Water mains are usually “tapped” under full pressure by means of a brass corporation stop and a tapping machine. A corporation is a valve with either Iron Pipe (IP) or AWWA tapered (CC) threads on the inlet and a variety of outlet connections to accommodate both copper and plastic tubing as well as a variety of other service piping. The “square” design for conventional plug-type corporation stops provides a larger, more rugged area for wrench placement. The wrench flats are where they should be—at the strongest part of the body, minimizing the danger of leaks from distortion. The two most important functions of a corporation are to provide a direct connection at the main without shutting down the line and to provide a valve in the event a service line is broken through excavation or ground movement. Specifically, plug-type corporations are designed for a maximum working pressure of 100 PSI in ¾" and 1" sizes and 80 PSI in 1¼"-2" sizes; refer to AWWA Specification C-800 (newest revision).

### MAXIMUM DRILL SIZE USED WITH BALL CORPORATIONS

Corporation Stop Size	¾"	1"	1¼"	1½"	2"
Maximum Drill Size	1½/16"	15/16"	13/16"	17/16"	17/8"

## Inlet Threads

Both the Plug Type and Ball Valve Corporations are available with two different styles of inlet threads. AWWA (CC) standard thread has a steeper taper than Iron Pipe (IP) threads. When ordering, please use the Product Number applying to the type of inlet thread desired.



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CC X CPPJ	SIZE	PRODUCT NUMBER
	¾"	47160
	1"	47780
	1¼"	48351
	1½"	48550
	2"	48950

IP X CPPJ	SIZE	PRODUCT NUMBER
	¾"	47190
	1"	47820
	1½"	48363
	2"	48621

CC X FEIP	¾"	47142
IP X FEIP	¾"	47179

### NOTES:

- All fittings are available in standard CPPJ and Quik Style compression connections. Please specify. Flared end connections are also available.
- Upon request, Plug Type Corporations are available with other outlet connections such as flare copper, male iron pipe and female iron pipe threads.
- Stainless steel insert stiffeners are recommended for use with plastic tubing (CTS). See page G-11.