

Machine inserted corporation stops were developed by Hieronymus Mueller in conjunction with his development of the drilling and tapping machine used to make pressure taps in water mains. During the development of the machine inserted corporation stop, Mr. Mueller designed an inlet thread which became known as the MUELLER or “CC” thread. This thread form was eventually adopted by the American Water Works Association and is listed in ANSI/AWWA Standard C800 as the AWWA Taper thread.

MUELLER Co. pioneered other design concepts in the waterworks industry such as the copper flare

connection, MUELLER 110® Compression Connection and the MUELLER ORISEAL® Valves, which use O-ring seals to assure leak-tight performance.

MUELLER Co. offers corporation stops in three designs: machined key (commonly referred to as ground key), ORISEAL type (1-1/2" and 2" sizes only) and ball type.

All three designs are available with a wide range of inlet/outlet combinations including the MUELLER 110 Compression Connection and Pack Joint Connection. These three designs are all compatible with the MUELLER line of drilling and tapping machines, and small drilling machines.

## MUELLER 300™ Ball Type Corporation Valves

- ❑ BLOW-OUT PROOF STEM DESIGN -prevents separation and assures dependable, safe operation.
- ❑ HEAVY BRASS COMPONENTS are constructed of 85-5-5-5 ASTM B62 brass for strength and durability.
- ❑ STRAIGHT-DESIGN allows maximum flow with minimum pressure loss.
- ❑ MANUFACTURED AND TESTED - to ANSI/AWWA C800 standard.
- ❑ DOUBLE O-RING STEM SEALS - are supported in precision machined grooves and provide secure, leak tight sealing.
- ❑ INLET THREADS - are either AWWA taper (MUELLER “CC”) or AWWA iron pipe.
- ❑ STAINLESS STEEL REINFORCED SEAT SEAL - assures reliable seal under full flow and pressure.
- ❑ END PIECE O-RING provides secondary seal to prevent leakage.
- ❑ 300 PSIG -maximum working pressure.
- ❑ EXTRA STRONG - key to ball connection provides strong, reliable performance and resists breakage.
- ❑ OUTLETS - include copper flare connection, MUELLER 110 Compression Connection, MUELLER INSTA-TITE, Pack Joint Connection and iron pipe thread connection.
- ❑ STEM ROTATION - full 360 degree.
- ❑ FLUOROCARBON COATED BALL - ensures smooth , easy turning operation.

