

BOROUGH OF BUENA

**Borough of Buena Municipal
Utilities Authority
Gary Labo, Secretary**



County of Atlantic

P.O. Box 696
616 Central Ave
Minotola, New Jersey
08341
John Brunini
Chairman

BBMUA WATER CONNECTION POLICY AND PROCEDURE

All taps shall be installed by a NJ Licensed Plumber or a NJ Public Works Registered Utility Contractor and scheduled with the BBMUA between the hours of 7am to 4pm Monday through Friday with temperatures 55 degrees Fahrenheit or greater. The installer shall obtain and submit to the BBMUA: an approved road opening permit Borough, County or State as applicable, insurance certificate and utility mark out confirmation prior to any excavation. The installer shall also be responsible for all site safety. At the time of installation the tap to the curb stop must be inspected by a BBMUA employee (DO NOT COVER UNLESS INSPECTED). The BBMUA employee will verify that the installation is correct. At this point the local plumbing inspector can inspect the service from the curb stop into the structure. All material used must be approved by the BBMUA (approved material list and specifications attached).

**PHONE:(856)697-1784 FAX:(856)697-1434
BBMUA IS AN EQUAL OPPORTUNITY EMPLOYER**

MATERIAL LIST & SPECIFICATIONS

Minimum 1 "K Copper Tubing (no set brand) is required from the tapping sleeve to the curb stop a 60' roll is available for long side services for 1" and 40' for 2". A minimum depth of 42" to a maximum depth of 48" is required. Backfill all exposed plumbing by hand and compact accordingly.

Power Seal Full Wrap Stainless Steel Saddles are required and tighten to a minimum of 50 ft. #'s of torque to a maximum of 70 ft. #'s of torque when installed to the PVC Water Main.

6" x 1" cc (3412AS)	6" x 2" cc (3412AS)
8" x 1" cc (3412AS)	8" x 2" cc (3412AS)
10" x 1" cc (3412AS)	10" x 2" cc (3412AS)

Mueller Corporation Stop

1" compression x cc (H15008)
2" compression x cc (H15013)

Mueller Curb Stop

1" female iron pipe x compression (H15172)
2" female iron pipe x compression (H15172)
Curb stop must be located in road right of way.

Mueller Curb Box (Erie Style) with Stationary Rod for 1" Services

4' (A-712 Box), 27" (82863 Rod)
Curb box must be located in road right of way.

Valvco Buffalo Curb Box with Enlarged Base for 2" Services

4' (93D with enlarged base)
Curb box must be located in road right of way.

Mueller Compression Union for 2" Long Side Service

2" compression x compression union (H15403)

Buena Borough M.U.A. 856-697-0450 (Plant)

Water Works Supply Company Inc. 609-567-6330 (Parts)

SERVICE SADDLES



PowerSeal
PIPELINE PRODUCTS CORPORATION

MODEL 3412AS ALL STAINLESS SADDLE

PANEL & LIFTER BAR: Type 304 (18-8) Stainless Steel per ASTM A240.

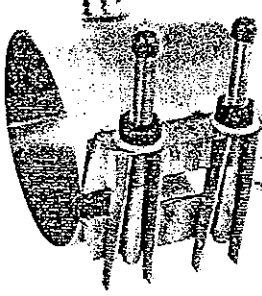
BOLTS & NUTS: Type 304 (18-8) Stainless Steel per ASTM A193 and A194. NOTE: Hex nuts are furnished with fusion bonded coating to prevent seizing and galling.

WASHERS: Delrin per MIL-A50424

LUGS: Type 304 (18-8) Stainless Steel per ASTM A240.

OUTLET: Type 304 (18-8) Stainless Steel per ASTM A276.

GASKET: Patented SBR TwinSeal[®] dual o-ring design incorporating both hydrostatic and mechanical forces to affect a dynamic seal.



NSF

Pipe Size		Pipe OD Range		Double Stud Design for All Pipe Materials						Width	
Custom Sizes and Ranges Available				3/4 CC or NPT Outlet	1 CC or NPT Outlet	1 1/4 CC or NPT Outlet	1 1/2 CC or NPT Outlet	2 NPT Outlet	2 CC Outlet	in.	mm.
in.	mm.	in.	mm.								
3	80	3.48-3.52	88-90	\$110.10			\$117.30		\$127.70	6	150
3 1/2	90	3.98-4.02	101-102	\$110.10			\$117.30		\$127.70	6	150
4	100	4.50-4.80	114-122	\$111.30			\$118.60		\$129.10	6	150
5	125	5.54-5.84	141-148	\$113.10			\$124.30		\$134.70	6	150
6	150	6.63-6.90	168-175	\$115.20			\$126.30		\$136.80	6	150
8	200	8.63-9.05	219-230	\$117.30			\$131.80		\$142.20	6	150
10	250	10.75-11.10	273-282	\$120.90			\$138.90		\$149.40	6	150
12	300	12.75-13.20	324-335	\$126.30			\$146.70		\$157.10	6	150

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

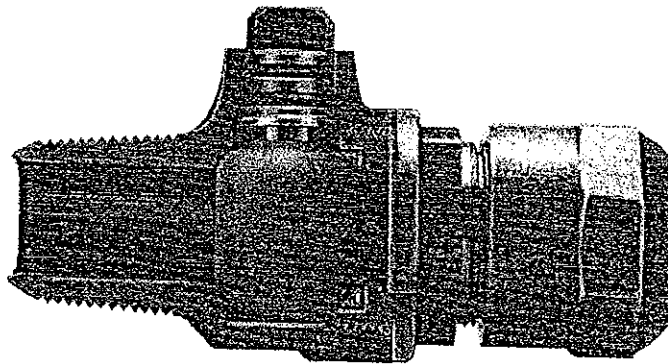
use O-ring seals to assure leak-tight performance.

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.

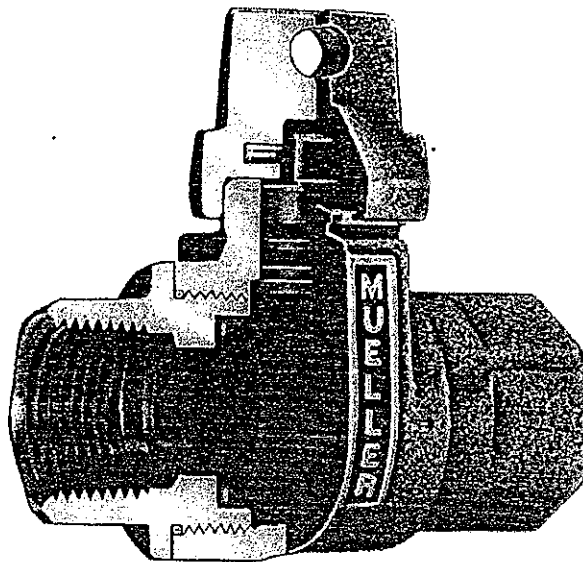


The MUELLER 300 Ball Valve is an optimized design combining a strong, reliable ball/stem connection with other desired features, including a blow-

out-proof stem, double O-rings and a 300 psig working pressure rating. The design offers true bi-directional (two way) flow.

MUELLER 300 Ball Curb Valve

- ❑ **BLOW-OUT-PROOF STEM DESIGN** - prevents separation and assures dependable, safe operation.
- ❑ **OPTIMIZED KEY TO BALL CONNECTION** provides strong, reliable performance and resists breakage.
- ❑ **FULL THREAD DEPTH** - and drill depth on F.I.P. thread ends (meets ANSI/ AWWA C800 Standard).
- ❑ **FULL ROUNDWAY** provides straight - through flow (reduced port available).
- ❑ **END PIECES O-RING SEALED** - to provide additional protection against leaking.
- ❑ **MANUFACTURED AND TESTED** - to ANSI/AWWA C800 Standard.
- ❑ **DOUBLE O-RING SEALS** - are supported in precision machined grooves and provide secure, leak - tight sealing.
- ❑ **300 PSIG** - maximum working pressure.
- ❑ **QUARTER TURN CHECK** - is integrally cast on body to assure positive action. Checkless 360° turn is optional.
- ❑ **FLUOROCARBON COATED BALL** - ensures smooth, easy turning operation.
- ❑ **STAINLESS STEEL REINFORCED SEAT** assures reliable seal under full flow and pressure.
- ❑ **END CONNECTIONS** include copper flare, MUELLER 110° Compression Connection, Pack Joint Connection, Copper Flare, M.I.P. and F.I.P. thread.
- ❑ **HEAVY BRASS COMPONENTS** - constructed of solid 85-5-5-5 ASTM B62 brass for strength and durability.
- ❑ **SUITABLE** - for use as test valves on Backflow Preventers (complies with Notice 89-001 of F.C.C.C. and H.R.).



CURB BOXES - EXTENSION TYPE WITH ARCH PATTERN BASE

Mueller Co.

7.25

Rev. 8-04

Dimensions and Optional Stationary Rod

H-10306 and H-10308 Curb Boxes

Curb box catalog number	Box length extended		Box length fully retracted		Weight		Optional stationary rod		
	Inch	mm	Inch	mm	lbs.	kg.	Part No.	L'gth inch	
H-10306	24	610	18.00	457.0	12.0	5.4	84774	12.75	
	30	762	18.00	457.0	14.0	6.4	84346	15.0	
	36	914	24.00	610.0	15.0	6.8	84275	21.0	
	42	1067	30.00	762.0	16.0	7.3	84233	27.0	
	1-1/4" upper section	48	1219	36.00	914.0	17.0	7.7	84245	33.0
		54	1372	42.00	1067.0	18.0	8.2	84247	39.0
		60	1524	48.00	1219.0	19.0	8.6	84154	45.0
		66	1676	54.00	1372.0	20.0	9.1	84261	51.0
		72	1829	60.00	1524.0	22.0	10.0	84341	57.0
		78	1981	66.00	1676.0	23.0	10.4	84297	63.0
84	2134	72.00	1829.0	24.0	10.9	84152	69.0		
90	2286	78.00	1981.0	25.0	11.3	88703	75.0		
96	2438	84.00	2143.0	26.0	11.8	84274	81.0		
H-10308	24	610	20.44	519.2	13.0	5.9			
	30	762	20.44	519.2	15.0	6.8	84742	15.0	
	36	914	24.00	610.0	16.0	7.3	84256	21.0	
	42	1067	30.00	762.0	17.0	7.7	84326	27.0	
	1-1/2" upper section	48	1219	36.00	914.0	18.0	8.2	84305	33.0
		54	1372	42.00	1067.0	20.0	9.1	84338	39.0
		60	1524	48.00	1219.0	21.0	9.5	84353	45.0
		66	1676	54.00	1372.0	22.0	10.0	88702	51.0
		72	1829	60.00	1524.0	23.0	10.4	84255	57.0
		78	1981	66.00	1676.0	25.0	11.3	83299	63.0
84	2134	72.00	1829.0	26.0	11.8	80643	69.0		
90	2286	78.00	1981.0	27.0	12.2	84832	75.0		
96	2438	84.00	2143.0	28.0	12.7	88139	81.0		

H-10310, H-10314 and H-10334 Curb boxes

Curb box catalog number	Box length extended		Box length fully retracted		Weight		Optional stationary rod		
	Inch	mm	Inch	mm	lbs.	kg.	Part No.	L'gth inches	
H-10310	24	610	21.44	544.5	21.0	9.5			
	30	762	21.44	544.5	23.0	10.4	84146	15.0	
	36	914	24.00	610.0	25.0	11.3	84162	21.0	
	2" upper section	42	1067	30.00	762.0	27.0	12.2	84147	27.0
		48	1219	36.00	914.0	28.0	12.7	84176	33.0
		54	1372	42.00	1067.0	30.0	13.6	84139	39.0
		60	1524	48.00	1219.0	32.0	14.5	84140	45.0
		66	1676	54.00	1372.0	34.0	15.4	84128	51.0
		72	1829	60.00	1524.0	35.0	15.9	84143	57.0
	78	1981	66.00	1676.0	37.0	16.8	84222	63.0	
84	2134	72.00	1829.0	39.0	17.7	84169	69.0		
90	2286	78.00	1981.0	41.0	18.6				
96	2438	84.00	2134.0	43.0	19.5				
H-10314**	24	610	18.00	305.0	9.5	4.3	82875	11.25	
H-10334**	30	762	18.00	457.0	10.0	4.5	82892	16.75	
	36	914	24.00	610.0	11.0	5.0	82862	21.0	
	1" upper section	42	1067	30.00	762.0	12.0	5.4	82863	27.0
		48	1219	36.00	914.0	14.0	6.4	82864	33.0
		54	1372	42.00	1067.0	15.0	6.8	82865	39.0
		60	1524	48.00	1219.0	16.0	7.3	82866	45.0
		66	1676	54.00	1372.0	17.0	7.7	82867	51.0
		72	1829	60.00	1524.0	18.0	8.2	82868	57.0
	78	1981	66.00	1676.0	19.0	8.6	82869	63.0	
	84	2134	72.00	1829.0	20.0	9.1	82870	69.0	
90	2286	78.00	1981.0	21.0	9.5	82871	75.0		

Extra lids and plug

Lids are cast iron with an integrally cast brass bushing which allows for easy removal of pentagon plug.

PIN STYLE Lids z hole



Lid with Plug



Plug only



One piece lid

Curb box catalog number	One piece lid Part number	Lid with brass pentagon plug - Part number	Lid with brass bushing and cast iron plug	Plug part only number	
				Cast Iron	Brass
H-10306	-	89369	89375	58039	63670
H-10308	-	581642	89980	58116	63683
H-10310	-	681714	89981	59478	63684
H-10314	89982	-	-	-	-
H-10334	-	89376	89376	-	36571

* Stationary rods are supplied with H-10314 and H-10334 only. Stationary rods are optional with all other boxes shown on this page and must be ordered separately.

** The H-10314 and H-10334 boxes are the same except the H-10314 is furnished with a one piece lid, the H-10334 has a combination lid and pentagon plug.

TO ORDER BOXES SPECIFY EXTENDED LENGTH AND CATALOG NUMBER