

Rev. 10-18 Shaded area indicates changes

Typical Single Section Full-Seal Clamp



Style Number 500



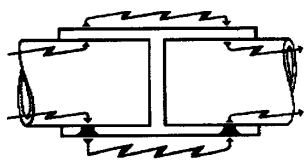
Starter Nut



Standard Bolt & Nut



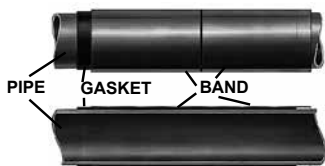
Deep Socket Wrenchs



Bonding Device



Bonding Device



Add-on feature

Mueller 500 Series Single Section Full-Seal Pipe Repair Clamps - for 2" through 12" cast iron and steel pipe

To specify the catalog number, provide the following information :

1. Style number – **500**
2. Length – **standard lengths can be found on the OD chart on the following page**
3. Size number – **refer to the OD chart on the following page after verifying pipe OD**
4. Catalog number prefix for optional features, if desired.

The catalog number for 500 Single Section Full-Seal Repair Clamp, 12" long for 8" cast iron pipe is 500-12-0899.

Extra Bolts and Nuts for 500 series Mueller Single Section Full Seal Repair

Clamp Size	Bolt Size	Bolt Part Number	Nut Part Number
2"-3-1/2"	1/2" x 6"	533942	521010
4"-12"	5/8" x 6" (Standard Bolt)	533937	195236
4"-12"	5/8" x 7" (Starter Bolt)	533938	526655

Stainless Steel Bolts

For optional 304L stainless steel bolts, washers and nuts, add "S-" prefix to clamp catalog number. **Example:** S-500-12-0899.

Deep Socket Wrenchs

Specially designed for use with Mueller Full-Seal Repair Clamps. Long ratchet handle has thumb-tip reverse. Deep sockets (3-1/4") have double hex (12 pt.) and 1/2" square drive.

Part Number	Description
515204	15-3/4" reversible Ratchet Handle
520344	7/8" Socket for 2" and 3" clamps
515207	1-1/16" Socket for 4" and larger clamps

Bonding Device for Cathodic Protection

Metallic conductors are set in the gasket to provide contact between the band and the pipe surface and are available on all 500 series clamps. These conductors permit electrical current flow by establishing positive contact with pipe and band on each side of the pipe crack or break.

To specify optional bonding device for cathodic protection, add a prefix of "2-" to catalog number. **Example:** 2-500-12-0899.

Add-on feature allows long lengthwise repairs

The gasket is cemented into the band in an offset position. This allows overlapping the gasket with the band of another clamp when repairing a longer than usual area of pipe. This feature is not available on Servi-Seal style clamps.

To specify optional add-on feature for longer than usual repairs, add a prefix of "1-" to catalog number. **Example:** 1-500-12-0899.

IMPORTANT: MUELLER PIPE REPAIR CLAMPS have demonstrated their capability to seal against gas pressures commonly encountered in distribution systems. Smaller diameter clamps of a given design can seal against higher pressures than larger ones. In addition, the pressure that a clamp can contain is effected by the torque applied to the bolts, the uniformity of the bolt tightening (where there is more than one bolt) as well as the type of extent of pipe damage, surface condition of the pipe, environmental conditions and installation workmanship.

Metallic components of repair clamps, including stainless steel, corrode at widely variable rates depending upon many factors, such as installation outdoors or underground, composition of surrounding atmosphere/soil, presence of stray currents, moisture or chemicals, etc. Consequently, repair clamps must be assumed to have a finite service life. Consult with a corrosion professional to determine the life expectancy of this repair clamp taking into consideration all appropriate factors in the application. The piping system designer should determine the suitability of this type product on your particular system. Unforeseen failure of this product could result if these precautions are not taken. Mueller Co. can provide additional material specification information on request by contacting Customer Service: 800-798-3131.

MUELLER® 500 SERIES SINGLE SECTION FULL-SEAL® PIPE REPAIR CLAMPS



16.3

Shaded area indicates change Rev. 10-18

Mueller 500 Series Single Section Full-Seal® Pipe Repair Clamps – for 2" through 12" cast iron and steel pipe.
Standard Lengths: 6", 7-1/2", 9", 10", 12", 15", 18", 20", 24", 30"

*2", 3" O.D. limited to 18" long

Nominal pipe size	Clamp size number	Clamp O.D. range*				Cast Iron	Steel
		Inches		Millimeters			
		Min.	Max.	Min.	Max.		
2"†	0235	2.35	2.63	59.7	66.8	50-250,A,B,C,D	2"
2-1/2"†	0270	2.70	2.98	68.6	75.7	50-250,A,B,C,D	2-1/2"
3"†	0297	2.97	3.25	75.5	82.5	-	3" O.D.
3"†	0346	3.46	3.72	87.9	94.4	-	3"
3"†	0373	3.73	4.00	94.8	101.6	50-250,A,B,C,D	-
3-1/2"†	0396	3.96	4.25	100.6	107.9	-	3-1/2" (4" O.D.)
4"	0445	4.45	4.87	113.1	123.6	50-250,A	STD
4"	0474	4.74	5.14	120.4	130.5	50-250,A,B,C,D	-
4"	0495	4.95	5.35	125.8	135.8	-	-
4"	0520	5.20	5.60	132.1	142.2	-	-
6"	0566	5.66	5.91	143.7	150.1	-	-
6"	0594	5.94	6.34	150.9	161.0	-	6" O.D.
6"	0634	6.34	6.74	163.3	171.2	-	STD
6"	0655	6.55	6.97	164.4	177.0	50-250,A	STD
6"	0684	6.84	7.24	173.8	183.8	50-250,A,B,C,D	-
6"	0704	7.04	7.44	178.9	188.9	-	-
6"	0722	7.22	7.62	183.4	193.5	-	-
8"	0792	7.92	8.32	201.1	211.3	-	8" O.D.
8"	0836	8.36	8.76	212.3	222.2	-	-
8"	0853	8.53	8.93	216.7	226.8	-	STD
8"	0899	8.99	9.39	228.4	238.5	50-250,A,B,C,D	-
8"	0925	9.25	9.65	235.0	245.1	-	-
8"	0940	9.40	9.80	238.8	248.9	-	-
10"	0990	9.90	10.30	251.4	261.6	-	10" O.D.
10"	1040	10.40	10.80	264.1	274.3	-	-
10"	1064	10.64	11.04	270.3	280.4	-	STD
10"	1104	11.04	11.46	280.5	291.0	50-250,A,B,C,D	-
10"	1137	11.37	11.77	288.8	298.9	-	-
10"	1175	11.75	12.15	298.5	308.6	-	12" O.D.
12"	1200	12.00	12.40	304.8	315.0	-	-
12"	1220	12.20	12.60	309.9	320.0	-	-
12"	1246	12.46	12.86	316.5	326.6	-	-
12"	1260	12.60	13.00	320.1	330.2	-	STD
12"	1314	13.14	13.56	333.8	344.4	50-250,A,B,C,D	-
12"	1356	13.56	13.96	344.5	354.5	-	-
12"	1400	14.00	14.40	355.7	365.7	-	14"

*Verify pipe O.D. before selecting clamp size.

†2"-3-1/2" Standard length is 6", 7-1/2", 9", 10", 12", 15", 18"