

HYMAX[®]

a MUELLER brand

500 SERIES REPAIR CLAMPS

Installation Instructions

CLAMP STYLE	500-509 SERIES; 510-519 SERIES*	520-529 SERIES; 530-539 SERIES*	540-549 SERIES; 550-559 SERIES*
Step 1	Clean the main as thoroughly as conditions will permit making sure all burrs and debris are removed. In case of Asbestos-Cement, follow the pipe manufacturer's instructions for cleaning pipe.		
Step 2	Slip bolt head out of lug and fit clamp on pipe, centering the clamp over the damaged area.	Slip bolt heads out of bar and fit clamp on pipe, centering the clamp over the damaged area.	Loosen nuts as needed to unlatch making sure nuts remain threaded. Slip bolt latch off of finger lug and fit clamp on pipe, centering the clamp over the damaged area.
Step 3	Slip bolt heads back in bar/lug.		
Step 4	Rotate Clamp in direction indicated by arrow on clamp band until gasket overlap is smoothed out.		
Step 5	Torque - Tighten evenly, alternating between nuts.		
	2" - 3½" pipe size - 40 ft-lbs. 4" & larger" pipe size - 70 ft-lbs.	2" - 3½" pipe size - 35 ft-lbs. 4" - 8" pipe size - 50 ft-lbs. 10" - 12" pipe size - 65 ft-lbs.	2" - 3½" pipe size - 30 - 40 ft-lbs. 4" - 8" pipe size - 65 - 80 ft-lbs. 10" - 12" pipe size - 65 - 75 ft-lbs.

NOTICE: Band type clamps are NOT to be used to bring pipe ends into alignment and are not intended to take pipe line stresses.

On SERVI-SEAL[®] Clamps, use thread sealant on external threads to be screwed into service outlet.

*2 Piece Clamps - Bolt heads on opposite side remain engaged and serve as a hinge. It may be necessary to loosen nuts on these bolts to position the clamp properly on pipe.

(continued)

MAX WORKING PRESSURE*	500 - 509 SERIES; 510 - 519 SERIES	520 - 529 SERIES	530 - 539 SERIES	540 - 549 SERIES	550 - 559 SERIES
Water	2" - 8" 300 psig 10" - 12" 200 psig 14" - 36" 150 psig	2" - 8" 300 psig 10" - 12" 150 psig	4" - 8" 300 psig 10" - 12" 150 psig	2" - 12" 150 psig	3" - 8" 300 psig 10" - 12" 150 psig
Gas	2" - 8" 100 psig 10" - 12" Steel 100 psig 10" - 12" Cast Iron 60 psig	2" - 8" 100 psig 10" - 12" Steel 100 psig 10" - 12" Cast Iron 60 psig	4" - 8" 100 psig 10" - 12" Steel 100 psig 10" - 12" Cast Iron 60 psig	2" - 8" 100 psig 10" - 12" Steel 100 psig 10" - 12" Cast Iron 60 psig	3" - 8" 100 psig 10" - 12" Steel 100 psig 10" - 12" Cast Iron 60 psig

*Maximum Working Pressure – for properly installed clamps at 150° F maximum working temperature.

Phone: (800) 423-1323

By deviating from the above listed instructions, you will void any product warranty and release Mueller Water Products Inc. and its affiliated entities from any and all liability associated with the installation or use of this product. For details on the product's warranty, terms, and conditions, please visit www.muellerwp.com.

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