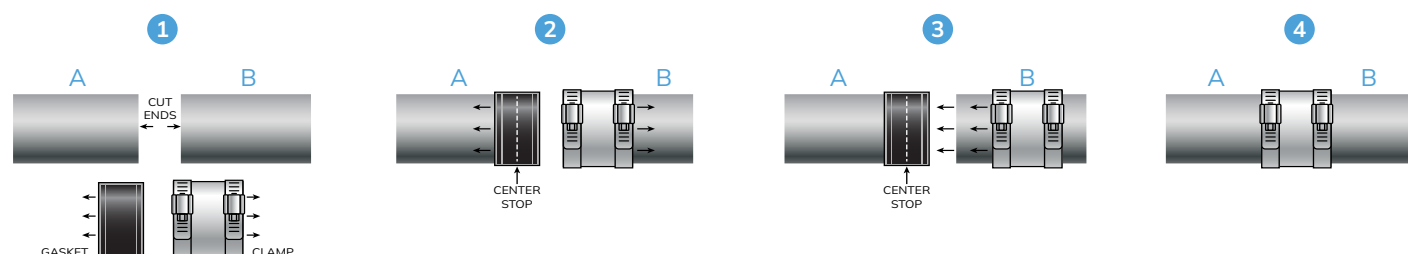


HI-TORQ™ 80 Coupling

Quick & Easy Installation



- 1 The cut ends of pipe should be smooth and square. Separate the neoprene gasket from the clamp housing.
- 2 Place the neoprene gasket on the end of pipe or fitting A until it is firmly seated against the center stop. Place the stainless steel housing with hose clamps on pipe B.
- 3 Slip pipe B into the gasket until it is firmly seated against the center stop. Slide clamp housing into position directly over the gasket.
- 4 Using the preset torque wrench, alternately tighten the clamps to 80 in-lbs (6.8 N·m) of torque. Recheck the torque on all clamps before proceeding to the next installation to ensure an even and proper torque.

Note: Couplings 5" & larger—tighten innermost clamps first, then tighten outermost clamps to ensure even tightening of the coupling.

Hanging

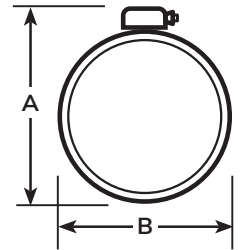
Hubless Cast Iron Soil Pipe joined by Clamp-All HI-TORQ 80 couplings may be hung the same as Bell and Spigot Cast Iron Pipe with Lead and Oakum.

Vertical Piping shall be supported at each stack base and at each floor. Free standing vertical pipe should be adequately staked or braced during construction to maintain alignment.

Horizontal Piping shall be supported within 24 inches of the coupling joint at 10 foot intervals for 10 foot pipe lengths and at 5 foot intervals for 5 foot pipe lengths. Supports or hangers should be properly placed to maintain alignment and grade with provision made to prevent shear. Horizontal runs of 5" diameter & larger pipe must be braced at changes of direction and sway braced as necessary to prevent horizontal movement and maintain alignment.

HI-TORQ 80 Engineering & Ordering Information

Pipe Size		Brand Number	Global NORMA Number	Installed Dimension				Depth to Center Stop		Width of Coupling	
				A		B					
in.	mm			in.	mm	in.	mm	in.	mm	in.	mm
1.5"	38	81015	03720000058	2.75"	70	2.25"	58	1.44"	37	3"	76
2"	50	81020	03720000069	3.25"	83	2.75"	70	1.44"	37	3"	76
3"	76	81030	03720000094	4.25"	108	3.75"	96	1.44"	37	3"	76
4"	101	81040	03720000121	5.25"	134	4.75"	121	1.44"	37	3"	76
5"	127	81050	03720000145	6.25"	159	5.75"	146	1.94"	49	4"	101
6"	152	81060	03720000170	7.25"	185	6.75"	172	1.94"	49	4"	101
8"	203	81080	03720000224	9.25"	235	8.75"	223	1.94"	49	4"	101
10"	254	81100	03720000302	11.5"	293	11"	280	1.94"	49	4"	101



- Order HI-TORQ Wrench 80, pre-set for proper installation.
Brand Number: 99080 / Global NORMA Number: 10460000076



Clamp-All Products Corporation guarantees its hubless couplings, tested to Factory Mutual Standard FM-1680 Class 1 at 15 PSI rated working pressure, to be free from defects in material and workmanship.

Note: Installation must be in accordance with our printed installation instructions and in conformance with local code requirements

Warranty

Clamp-All products are covered by a limited 1-year warranty guaranteeing that the products were manufactured free from defects in materials and workmanship. Products are eligible for the Clamp-All warranty if they were used according to all applicable instructions and were not damaged by the customer.

For information, technical support or to order:

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