

HI-TORQ™ 80

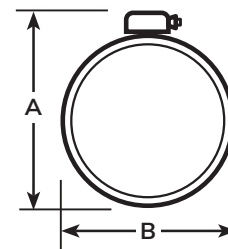


The Clamp-All HI-TORQ 80 is a heavy-duty no-hub pipe coupling for joining high-risk drain, waste, and vent (DWV) applications.

- ✓ HI-TORQ 80 couplings are effective for stacks, mains, branches, and vents in any DWV storm and sanitary system.
 - ✓ HI-TORQ 80's unique flexible rigidity™ provides the strength required to maintain hydrostatic integrity even under severe stress.
 - ✓ HI-TORQ 80 couplings' worm drive clamps are designed to be tightened to 80 in-lbs (9 N-m) of torque to provide reliable and secure installation.
 - ✓ HI-TORQ 80's slotted shield design compensates for mismatched pipe/fitting diameter and still holds alignment.
 - ✓ HI-TORQ 80 couplings have just two hose clamps for sizes through 4" (101 mm) and only four hose clamps on sizes 5" (127 mm) to 10" (254 mm) — that means quicker installation.
- ✓ HI-TORQ 80 does not compromise on performance and reliability:
 - Shields are 28-gauge 304 stainless steel for exceptional corrosion resistance.
 - One-piece molded neoprene gasket complies with ASTM C-564 and features two sets of sealing beads and a unique inter-locking design for greater seal area and stability.
 - Worm-drive hose clamps have a 304 stainless steel band with a 1/4" 305 Stainless Steel hex-head screw for high corrosion resistance.

HI-TORQ 80 Engineering & Ordering Information

Pipe Size in. mm	Brand Number	Global NORMA Number	Installed Dimension				Depth to Center Stop		Width of Coupling	
			A		B		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 *

Note: Installed dimensions for reference only

High Performance Coupling Specification

Hubless cast iron soil pipe and fittings conforming to ASTM A-888, shall be joined using a coupling tested to Factory Mutual Research Corporation standard FM-1680 Class I, 15 PSI rated working pressure. Couplings tested to this standard are suitable for all storm and sanitary DWV systems above and below grade.

Couplings shall be constructed of type 304 stainless steel with 305 stainless steel worm drive screws. The gasket material shall be neoprene and conform to ASTM C-564. The coupling assembly shall be torqued to specified requirements.

Couplings tested to FM-1680 Class I may be hung or supported with one (1) hanger per length for 10 foot lengths in accordance with the manufacturer's installation instructions and in conformance with local code requirements.

Clamp-All couplings meet or exceed the following performance standards: FM 1680 Class I and all applicable ASTM standards.



* Clamp-All HI-TORQ Wrench 80
Pre-set to 80 in-lbs (9 N·m)

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.

Approvals and Listings

Clamp-All HI-TORQ 80 is tested and certified to IGC 237, ASTM A 167, and ASTM A 240.



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