

HI-TORQ 80™ Coupling Submittal

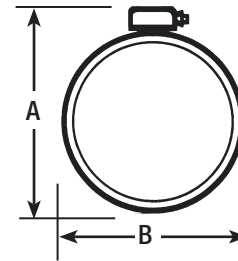


The new HI-TORQ 80 coupling from **Clamp-All**® is engineered to be the most cost effective way to join any hubless DWV system.

- 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's slotted shield design compensates for mismatched pipe/fitting diameter and still holds alignment.
- HI-TORQ 80 couplings have just two clamps for sizes through 4" (100 mm) and only four clamps on sizes 5" (125 mm) to 10" (250 mm) — that means quicker installation.
- HI-TORQ 80 does not compromise on performance and reliability:
 - Shields are 28 gauge type 304 18-8 chromium nickel 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 clamps are 304 stainless steel with 305-SS screws to provide maximum corrosion resistance.

HI-TORQ 80 Engineering & Ordering Information

Pipe Size in. (mm)	Brand Part Numbers	Global NORMA Part Numbers	Installed Dimension		Depth to Center Stop (mm)	Width of Coupling (mm)
			A (mm)	B (mm)		
1.5" (38)	□ 81015	□ 03720000058	2.75" (70)	2.25" (57)	1.44" (37)	3" (75)
2" (50)	□ 81020	□ 03720000069	3.25" (83)	2.75" (70)	1.44" (37)	3" (75)
3" (75)	□ 81030	□ 03720000094	4.25" (108)	3.75" (95)	1.44" (37)	3" (75)
4" (100)	□ 81040	□ 03720000121	5.25" (133)	4.75" (121)	1.44" (37)	3" (75)
5" (125)	□ 81050	□ 03720000145	6.25" (159)	5.75" (146)	1.94" (49)	4" (100)
6" (150)	□ 81060	□ 03720000170	7.25" (184)	6.75" (171)	1.94" (49)	4" (100)
8" (200)	□ 81080	□ 03720000224	9.25" (235)	8.75" (222)	1.94" (49)	4" (100)
10" (250)	□ 81000	□ 03720000302	11.50" (292)	11" (279)	1.94" (49)	4" (100)



□ 99080 Order HI-TORQ 80 Pre-set Torque Wrench for proper installation.

High Performance Coupling Specification

Hubless cast iron soil pipe and fittings conforming to ASTM A-888, shall be joined using a coupling approved to Factory Mutual Research Corporation standard FM-1680 Class I, 15 PSI rated working pressure. Couplings approved 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 approved 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 ASTM C-1277.

Approvals and Listings



APPROVED
15 PSI
Approved to FM 1680
Class I, 15 PSI

IAPMO



Listed by
IAPMO - #2189

SBCCI



SBCCI Evaluation Report
#9488 for Code
Compliance

ICC ES



Refer to ICC
Evaluation Report
ICC-ES 94-20

ASTM



Conforms to:
ASTM A-666
ASTM C-564

Plus...many other
local and state codes



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