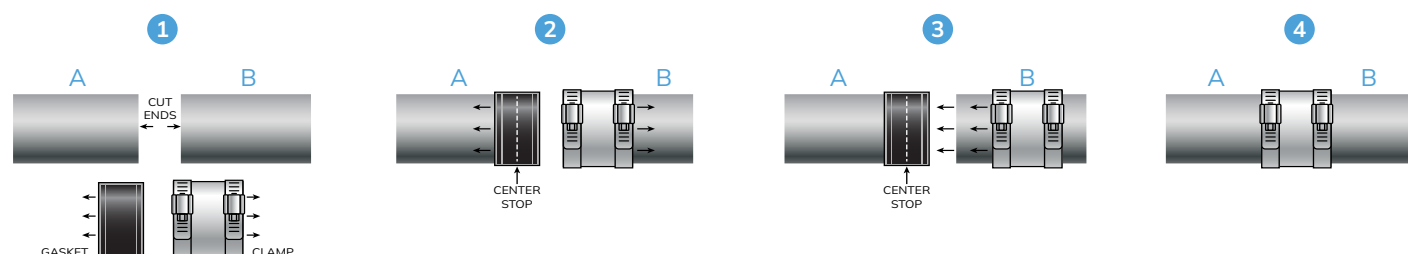


# HD 80 Series

## 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

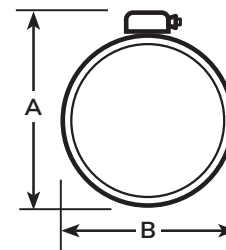
Hubless Cast Iron Soil Pipe joined by Clamp-All HD 80 couplings may be hung the same as Bell and Spigot Cast Iron Pipe with Lead and Oakum.

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.

# HD 80 Engineering & Ordering Information

Pipe Size		5/16" Screw (White Shield)		3/8" Screw (Blue Shield)		Installed Dimension				Depth to Center Stop		Width of Coupling	
		Brand Number	Global NORMA Number	Brand Number	Global NORMA Number	A		B					
in.	mm					in.	mm	in.	mm	in.	mm	in.	mm
1.5"	38	85015	08080003038	83015	08080004038	2.68"	68	2.13"	54	1.45"	37	3"	76
2"	51	85020	08080005051	83020	08080006051	3.15"	80	2.60"	66	1.45"	37	3"	76
3"	76	85030	08080007076	83030	08080008076	4.13"	105	3.58"	91	1.45"	37	3"	76
4"	102	85040	08080009102	83040	08080010102	5.20"	132	4.61"	117	1.45"	37	3"	76
5 "	127	85050	08080011127	83050	08080012127	6.10"	155	5.55"	141	1.96"	50	4"	101
6"	152	85060	08080013152	83060	08080014152	7.09"	180	6.54"	166	1.96"	50	4"	101
8"	203	85080	08080015203	83080	08080016203	9.17"	233	8.62"	219	1.96"	50	4"	101
10"	254	85100	08080017254	83100	08080018254	11.34"	288	10.79"	274	1.96"	50	4"	101
12"	305	85120	08080019305	83120	08080020305	13.31"	338	12.76"	324	2.71"	69	5.5"	140
15"	381	85150	08080021381	83150	08080022381	16.61"	422	16.06"	408	2.71"	69	5.5"	140



## 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.

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

### For information, technical support or to order:

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