

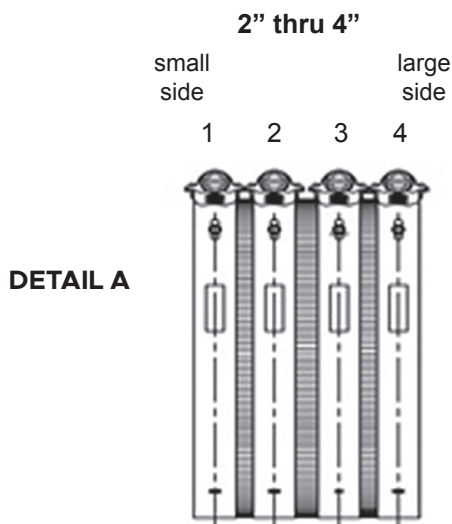
### HEAVY DUTY NO-HUB COUPLING

The following installation instructions provide guidelines for joining HydrPro series of heavy duty no-hub couplings to no-hub pipe and fittings in accordance with standard industry practice.

Note that each City, State, Province or Region may have governing codes, engineering requirements and local practices of the plumbing trade that must be followed.

A correctly calibrated torque wrench set at 80-inch pounds must be used when installing HydrPro's no-hub couplings. If power tools are used, they should be calibrated to torque only to 80-inch pounds.

- 1) Pipe ends must be cut square.
- 2) Place the neoprene gasket onto the end of one piece of pipe / fitting and the stainless steel clamp assembly over the other piece of pipe / fitting to be joined.
- 3) Place the second piece of pipe end into gasket, firmly placing both ends against the rib or shoulder in the center of the gasket.



- 4) Ensure that the pipe / fittings to be joined are aligned, then slide the loose coupling over the gasket so that the gasket is completely covered.
- 5) To properly secure the bands to 80-inch pounds of torque, please tighten in the following sequence:

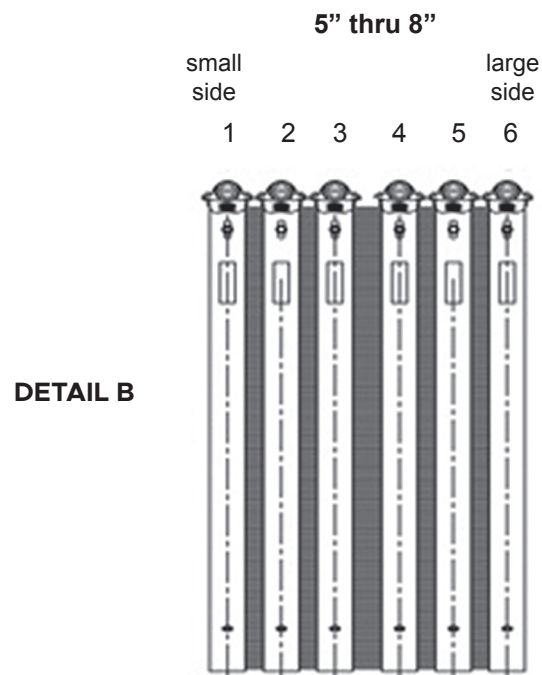
**SIZES 2", 3" and 4" -- Refer to Detail A**

Start on the side of the joint with the smaller diameter (see detail A) and torque as follows:  
2,1 - 2,1 - 3,4 - 3,4 - 2,1 - 3,4

**SIZES 5" through 8" -- Refer to Detail B**

Start on the side of the joint with the smaller diameter (see detail B) and torque as follows:  
3,2,1 - 3,2,1 - 4,5,6 - 4,5,6 - 3,2,1 - 4,5,6

The large side and small size refer to if a fitting is being used with a straight pipe. Typically the fitting has a larger diameter compared to straight pipe.



**CALIFORNIA PROPOSITION 65 WARNING:**

This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.