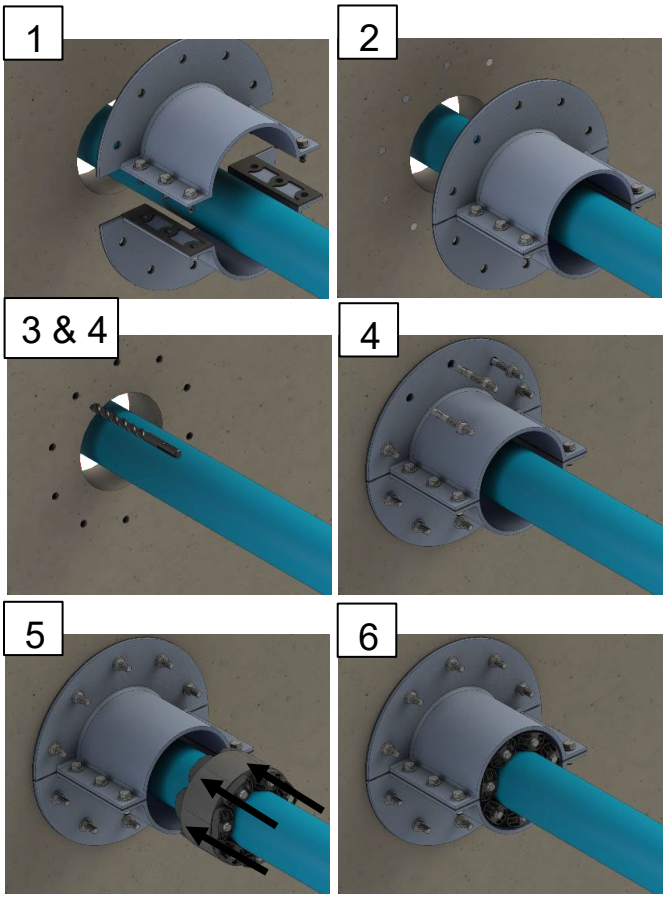
EXTERNAL MOUNTED SPLIT WALL SLEEVE

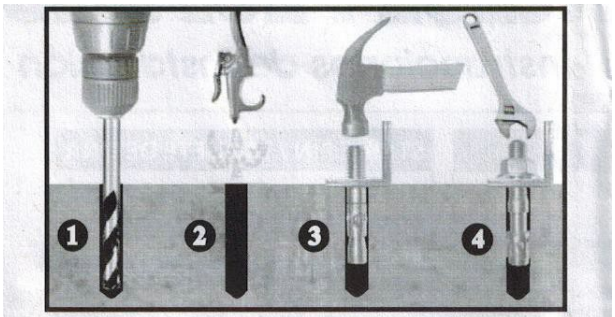
Installation Instructions
Rev. 092625

Recommended Materials:
Pipe Stand and Marker/Paint Pen
- Bolt Lubricant (for Stainless Bolts)
- Socket or Crescent Wrenches
- Compressed Air or Blow Out Bulb

Prior to Starting: The concrete form requires inspection to ensure that no imperfections or defects exist that may result in sleeve leakage. Flatness should also be verified using appropriate means.

1. **Aligning Wall Sleeve**: Position the sleeve around the pipe and align the flange faces even and sleeve ID concentric before tightening the side bolts to hand- tight plus a quarter turn.
2. **Marking Wall**: Use wall sleeve as template to mark anchor bolt locations. A pipe stand or support can be used to help with positioning. Center the sleeve around the pipe—against the wall—and mark the bolt hole locations to be drilled.
3. **Drilling Holes**: Drill using 1/2” masonry bit. Hole depth must be 2-1/4” min., 4” recommended. Clean holes of dust and debris to ensure proper function of anchor bolts using compressed air and a wire brush.
4. **Installing Anchor Bolts**: Assemble the nut and washer onto the anchor bolt with 1 to 2 threads showing above the nut. Using a hammer, drive the anchors through wall flange until fully embedded in the concrete form. In step increments, tighten anchor bolts up to 40 ft-lbs in a crisscross pattern. **See below for instructions on installing anchor bolts.**
5. **Innerlynx® Installation**: Reference Innerlynx installation instructions to fully install and tighten the Innerlynx around the pipe and inside the wall sleeve.
6. **Sleeve Final Torque**: If possible, allow the sleeve seals to relax into position and seat themselves before applying the final torque on all anchor bolts, in a crisscross pattern, to 40 +/- 10 ft-lbs. Then, fully torque side bolts to 20 +/- 5 ft-lbs. (Torque is for dry Zinc-Plated bolts. For SS bolts, use a lubricant and multiply torque by 0.7).





1. *Using a Masonry bit that meets ANSI SPECIFICATION B94.12-1997, drill hole equal to the diameter of the anchor to a depth exceeding minimum embedment.*
2. *Clean hole thoroughly of debris using compressed air or a blow out bulb.*
3. *Using a hammer, drive anchor through material to be fastened until it is flush with the surface.*
4. *Assemble the nut and washer with the nut flush with the top of the anchor and set anchor by tightening 3 to 5 turns. Proper installation requires use of a torque wrench set to the suggested level (see Torque Chart).*

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