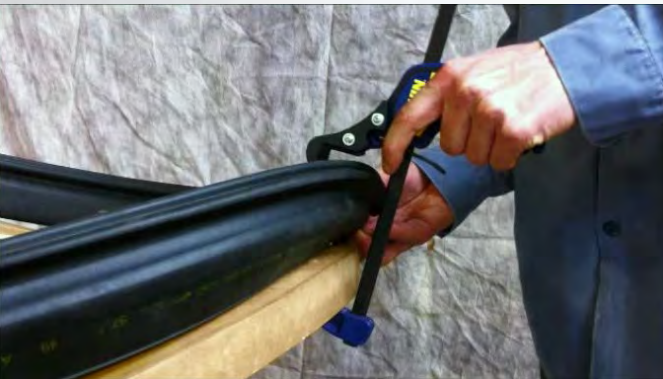


How to Use our Mandrel Installation Grips



Place two grips at 12 & 6 o'clock (the two lowest points on a curved mandrel) with the clamps underneath the outside half of the mandrel. Pull the clamp trigger until the 2 hooks fit snugly into the waterstop of the connector and starts pulling the connector down (see picture below).



Position the other two clamps at 3 and 9 o'clock. Once all four clamps are installed, make sure the nose of the connector is consistently tight against the offset.



Place the inside mandrel half on top and hand-tighten nuts and bolts. Make sure the waterstop is perpendicular to the outside wall of the mandrel. Then look through all observation holes to be sure the nose of the connector is still up against the offset. Tighten nuts with wrench. Re-check waterstop and observation holes.