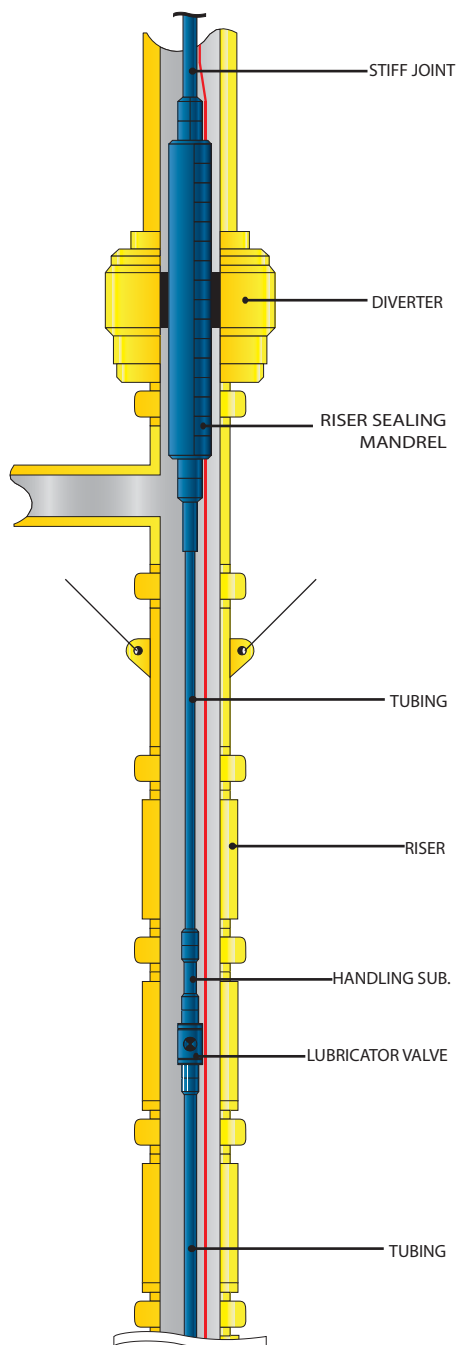


SST Riser Seal Mandrel

The SST Riser Sealing Mandrel seals around the LV, LSA & Injection Umbilicals at the surface, allowing the Riser Diverter to be closed for circulation of riser fluids in the event of a subsea well control event.

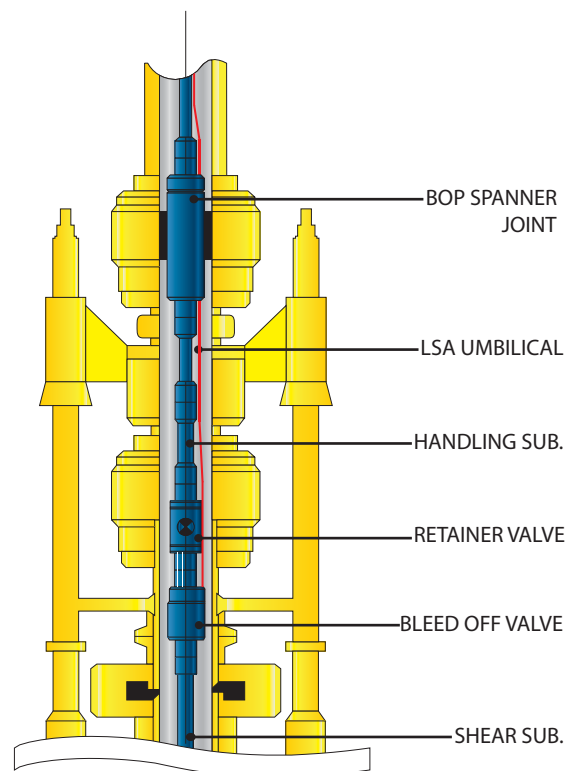
The Riser Sealing Mandrel provides 30 ft of sealing diameter on the outside to allow for movement of the Diverter relative to the Riser Sealing Mandrel due to rig heave.



SST BOP Spanner Joint

The SST BOP Spanner Joint allows the annular BOP to be closed around the LSA and provides a high pressure annulus seal.

The LSA umbilical is terminated above the BOP spanner joint and is continued below the BOP Spanner joint with stainless steel lines that can take the external pressure induced once the annular BOP is closed.



Operating Specification

| | |
|--------------------|----------------|
| MIN ID | 3.06 in. |
| MAX OD | 16.5 in. |
| WORKING PRESSURE | 15,000 psi |
| TEST PRESSURE | 22,500 psi |
| TENSILE RATING | 675,000 lbs. |
| SERVICE | H2S & CO2 |
| TEMPERATURE RATING | -20°F to 350°F |

The SST Riser Sealing Mandrel & SST BOP Spanner Joint are designed and certified to ISO 13628-7, API 6A, DNV OS-E101, NACE MR 01-75 and is qualification tested to API 14A class 3S.