



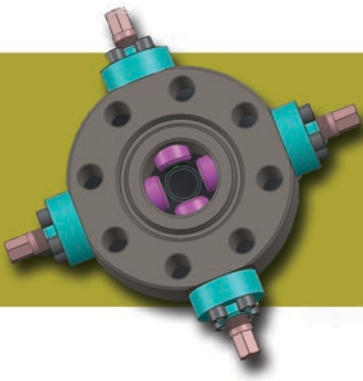
PR-LOCK

- Minimum height added to wellhead
- Wellhead – valves, fittings, remain unchanged
- Reduce service costs to seal and drive
- Increased safety during removal

INSTALLATION PROCEDURE

- Position clamp between stuffing box and flow-tee.
- Install surface drive.
- Tighten stud bolts in a star pattern as normal.

NOTE: Stud length may need to be lengthened to ensure that there is enough thread exposed to screw on the nut. (Approximately 7" x 7/8" for composite flow-tee - 8 1/2" x 7/8" regular flange connection)



THE MANTL PR-LOCK IS A VITAL ACCESSORY THAT CAN SUPPORT AXIAL ROD WEIGHT DURING MAINTENANCE SHUTDOWNS.

TO ENGAGE THE PR-LOCK

- Slowly release the weight of the rods on to the Support Clamp checking for any slippage of the polished rod.
- The support clamp relies on friction between the inserts and polished rod. If the polished slips when the inserts are engaged, it may cause damage, reducing the holding strength.
- The support clamps or plate should be returned to MANTL for service.

TO DISENGAGE THE PR-LOCK

- Support weight of the rods either with the surface drive clamp on the drivehead, flushby or service rig.
- Slowly release torque by unscrewing the stems.
- Back out until the stems reach resistance.

