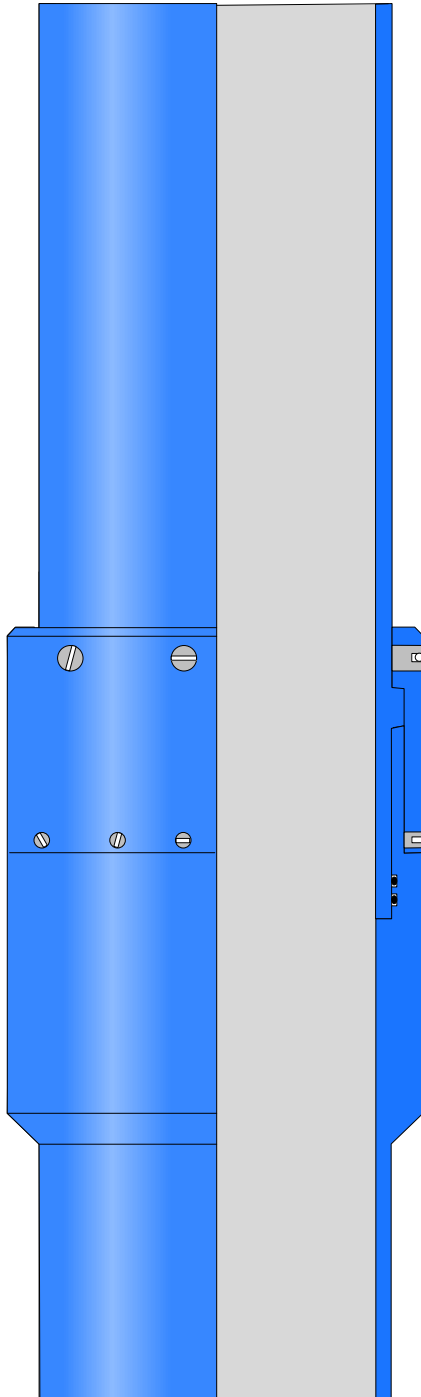


PetroQuip Orientation Sub



PetroQuip's **Orientation Sub** allows the operator to orientate the casing at 5° increments to align electrical or hydraulic control lines at the surface. Conventional systems require timed coupling threads for proper alignment which increases time, reliability, and cost. The Orientation Sub saves operation time and simplifies installation.

Advantages and Features

- Replaces the need for timed threads
- More cost effective than timed threads
- 5° Angular adjustment
- Adjustment can be made on the rig floor just before running it downhole
- Available with premium threads
- Available in all casing sizes
- Same tensile, burst, and collapse rating as the rest of the casing string