

## Offset Union

The UMS Flowell Offset Union is used to re-centre or adjust the centre of the tubing string components typically below offset hangers. The Offset Union is typically used below pod hangers with an eccentric tubing connection, where the height between the pod hanger and the ESP pump is required to be minimised.

The offset union has a specified required offset. The orientation of the offset is controlled by the UMS Flowell Piranha Lock connector which allows angular adjustment in 6-degree increments. This prevents the need for having timed threads to provide the required orientation. Once orientated to the required angular position, the clutch teeth of the Piranha Lock connector are locked in position to prevent rotation.

### FEATURES & BENEFITS

- Allows re-centering of adjustment of centre lines below offset hangers
- No requirement for timed threads
- Used where height is required to be minimised, compared to using a long pup joint for deflection

### SPECIFICATIONS

- 5,000psi MWP
- Orientation in 6-degree increments
- Available in low alloy or 13Cr material
- Choice of elastomers



# Technical Specifications - Offset Union

Part Number	Top Connection	Bottom Connection	Offset (in)	Maximum OD (in)
XO-00312	3-1/2" 9.2# VAM TOP Box	3-1/2" 9.2# VAM TOP Pin	0.890	4.710

