

Tension Tubing Hanger

Robust through BOP solution to set tubing strings in tension

APPLICATIONS

- Gas lift
- Artificial lift
- Onshore production
- Offshore production
- Unconventional wells
- Conventional wells

FEATURES

- Lockdown mechanism: integrated J-Slot retention mechanism with positive stops.
- Operational advantages: tensioning capacity up to 80,000 pounds with 10,000-psi blind load test, preventing tubing wear and decreasing the effects of thermal expansion and buckling within the wellbore. Tubing centralizer mitigates seal wear during installation and a lifting thread that is rated for full connection strength.
- Versatility/flexibility: can be run as a conventional hanger or a tensioning hanger in various bowl profiles.
- Cost savings: single tubing hanger and adapter for all completion activities. Operational savings during frac interference. No specialized running tools required.
- Safety: through-BOP operations eliminates BOP removal and reduces the time spent working below the rig floor. A positive integrity test can be achieved prior to BOP nipple down. There are integral positive stops assuring proper lockdown.

The tension tubing hanger provides a robust through-BOP solution to set tubing strings in tension. It is a two-piece tubing hanger that allows the tubing to rotate independently from the parent bowl, assisting in setting the packer and locking the tubing string in tension. The tension hanger is ideal for all completion applications, including natural flow, gas lift, and artificial lift systems in onshore/offshore applications. Conventional and unconventional wells will ultimately be converted to artificial lift as a drawdown in production during the well lifecycle, requiring the tubing string to be placed in tension. It is rated for pressures up to 10,000 psi, and is available for nominal wellhead sizes ranging from 7 $\frac{1}{16}$ in to 11 in and above, with tubing sizes ranging from 2 $\frac{3}{8}$ in to 3 $\frac{1}{2}$ in, 4 $\frac{1}{2}$ in, and above.



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