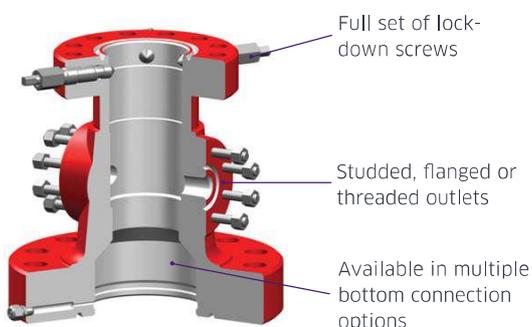


Tubing completion

Offering our customers a practical and flexible well solution

TechnipFMC's Tubing Completion (TC) series provides a versatile, standard and comprehensive set of components to suit a broad range of well completion configurations for onshore and offshore applications.

The completion is the process of making a well ready for production including installation of the tubing head, tubing hanger and production tree with the tubing head adapter.



TCM-ET tubing head

The TC series of tubing heads and tubing hangers offers:

- ▶ A safe, reliable and low CAPEX solution for nominal 7 $\frac{1}{16}$ -inch through 13 $\frac{5}{8}$ -inch
- ▶ Available for 2,000 psi to 20,000 psi working pressure between -75° F to 350° F
- ▶ Hanger retention with internal latch or lockdown screws
- ▶ Tubing heads in four basic styles; differences in the number and type of aligning pins
- ▶ Trouble free installation using minimal tool package
- ▶ Lower profile configured with elastomer or Rough Casing Metal Seal (RCMS)
- ▶ Accept all bowl profile, including single and dual tubing hangers
- ▶ Key technology qualified to API 6A, including PR2F, performance requirements
- ▶ Low cost product with fast availability and global supply through local stocking programs



TC-1A-EMS with XEMS OD seal

The TC series of tubing heads

- ▶ Available in standardised, simple and robust wrap around TC1-W to full metal-to-metal sealing TC-1A-EMS
- ▶ Continuous or non-continuous control lines
- ▶ Primary sealing can be elastomer or metal-to-metal
- ▶ Common bowl profile accepts all hanger types including duals (aligning pins required for TC-60 dual hanger)
- ▶ Installation tooling simplified: Hangers run on tubing or a dedicated running/retrieving tool
- ▶ Group 5 hangers configured with a back pressure valve profile