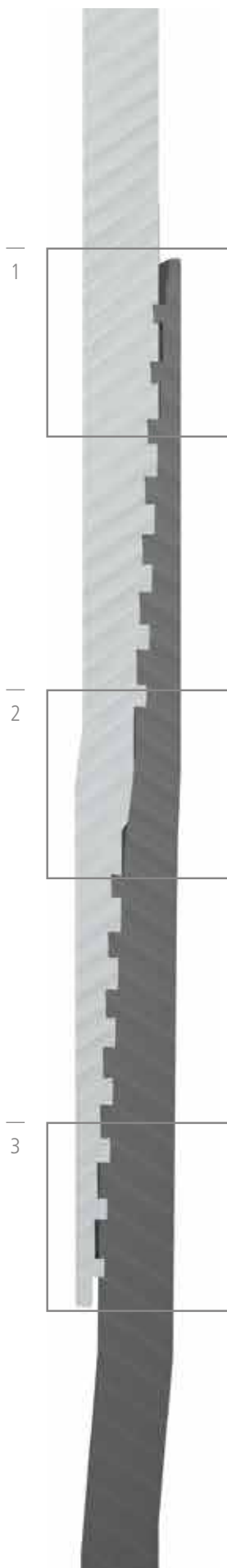


Wedge 625[®] Connection | 4 ½" - 7"

Integral, semi-flush connection for smooth installation in unconventional slim wells, featuring outstanding internal and external sealability with the best tensile efficiency under combined loads. The advanced generation of TenarisHydril Wedge technology guarantees trouble-free make up and exceptional torque retention.



Wedge 625[®] has tapped into the field-proven history of the Wedge thread design as an enhanced solution for high-pressure horizontal and deep wells where a semi-flush is needed to facilitate well construction and improve production flow, while keeping efficiency and reliability of Wedge Series. Design, sealability, overtorque and fatigue life of the connection have been successfully validated through finite element analysis and full-scale testing, thermal cycling and extensive fatigue cycling tests, landing the basis of a successful field history in challenging operations worldwide.




1



- Roller-stenciled make up confirmation band.
- Trouble-free make up is developed through the steep taper and the rugged, coarse pitch thread.

2



- The simultaneous engagement of opposing flanks provides outstanding torque, bending and compression strength.
- Exceptional torque retention developed by the step-to-step Wedge feature.
- 100% internal and external pressure rated locked-in metal-to-metal seal.

3



- The vanishing threads in the pin and box optimize tensile efficiency.

FEATURES

- With box OD approx 5% over pipe body, this semi-flush approaches the performance of traditional coupled connections.
- The two-step design allows for a deeper stabbing, with minimized risk of cross-threading or galling, for a faster make up.
- The step-to-step Wedge thread design creates a double wedging effect, maintaining the field-proven strengths of the Wedge Series 500™.
- Exceptional ratings in tension (90%) and compression (94%) are provided by the vanishing threads and stab flank contact.
- 90% ratings in bending provided by the two-step Wedge threads and step-to-step Wedge design, for long laterals with multiples fracturing stages.
- 100% burst and collapse ratings provided by the MtM seal at the mid step between Wedge threads.
- Exceptional operational torque with improved safety margins, proved

by torsion-to-failure testing on all the available sizes.

- Tenaris Testing Protocol for Multi-Fractured Horizontal Wells, which integrates full-scale sealability under combined loads with internal pressure and thermal cycling, validate the use of Wedge 625® in complex shale operations.
- Extensive testing shows fatigue performance comparable to T&C: Wedge 625® can safely serve extended reach applications under severe rotation and bending.

APPLICATIONS

- Unconventional
- Horizontal & extended reach wells
- **Production casing, tie-backs & liners**

OPTIONS

Dopeless® technology

For further information please contact premiumconnections@tenaris.com