

DENALI TS LOCKING TRIP SUB



The Tier 1 Denali TS is a ball-actuated tool installed at the toe of the well and functioned to create pressure isolation.

The fluid circulates through an internal seat and piston, and is allowed to flow unobstructed from above the tool to below the tool. At a point in time when fluid flow is required to be shut off, a ball is introduced into the fluid stream at surface, and is circulated down the well bore until the ball lands on the seat.

With the ball on seat, as differential pressure is created across the seat and piston, the shear screws in the Denali TS will shear, and the seat shifts to a locked closed position isolating the fluid flow. With the seat and piston in the locked closed position, other pressure activated tools can be initiated such as Denali OP packers and K2 series valves.

CURRENT SIZES

- ⇒ 114.3mm
(17.26-22.47 kg/m)

STANDARD OFFERING

- ⇒ P-110 / L-80
- ⇒ LT&C box x pin

OPTIONS

- ⇒ Premium / semi-premium connections
- ⇒ CRA materials
- ⇒ Alternate API material grades
- ⇒ Other sizes available on request

FEATURES & BENEFITS

- ⇒ Specialized shear pins eliminate inconsistencies in shear values due to improper or inconsistent user installation.
- ⇒ Setting pressure can be field adjusted from the outside of the packer allowing for on-site response to a change in well conditions.
- ⇒ High pressure isolation from above or below when closed ensuring no undesirable flow through tool.

APPLICATIONS

- ⇒ Production
- ⇒ Injection
- ⇒ Stimulation
- ⇒ Vertical / Deviated / Horizontal
- ⇒ Non-Cemented

