

# CLUTCHED LATCH SEAL ASSEMBLY



The Tier 1 Clutched Latch Seal Assembly will engage into the Tier 1 Clutched Latch Seal Receptacle to provide a static high-pressure connection to the liner top packer assembly that can be disconnected.

This product can be used to convey tubing, a lower completion, or set a liner in place. The robust latch style anchor enables the lower completion to be hooked up on surface and can be rotated to the right in compression through the castellations in the receptacle.

To release the clutched latch seal assembly, pick up slight tension at the tool and rotate to the right. This will disengage the clutch and allow the running thread to un-screw out of the seal receptacle.

## STANDARD OFFERING

- ⇒ 114.3mm (4.5") x 177.8mm (7")
- ⇒ L-80 / P-110
- ⇒ Single seal stack length
- ⇒ HNBR / NBR
- ⇒ API connections

## OPTIONS

- ⇒ Premium / semi-premium connections
- ⇒ CRA materials
- ⇒ Alternative seal materials
- ⇒ Alternative seal types
- ⇒ Length for additional seal stacks
- ⇒ Other sizes available on request

## FEATURES & BENEFITS

- ⇒ High tensile and compression ratings to allow maximum force transmission from tieback string to liner
- ⇒ Simple field proven ratchet latch design allowing latch seal assembly to easily connect
- ⇒ Right hand release thread for simplicity of disconnecting latch seal assembly
- ⇒ Latch is rotationally locked when in compression which will allow torque transmission to the liner
- ⇒ High pressure rated providing reliability in aggressive stimulation installations

## APPLICATIONS

- ⇒ Multi-stage stimulation
- ⇒ Cemented / Non-cemented liners
- ⇒ Production
- ⇒ Injection
- ⇒ Vertical / Deviated / Horizontal

