

# Casing Reconnect

Metal-to-metal, gas-tight casing repair system



Rated up to 8,500 psi [57 MPa]



Rated to 160 degC [320 degF]

## APPLICATIONS

- Stuck casing
- Wellhead replacement
- Reestablish integrity for plug and abandon (P&A) operations
- Casing repair
- Connect subsea wellhead to surface

## BENEFITS

- Seamlessly replaces stuck or damaged casing
- Keeps drilling programs on schedule
- Eliminates the need for lengthy fishing operations or costly sidetracks
- Secures well integrity for P&A activities
- Provides robust seal for the life of the well
- Allows fullbore access after installation

## FEATURES

- Metal-to-metal, gas tight sealing and anchoring technology
- ISO 14310 and ISO 13679 V0-rated
- Installation depth not limited by casing reconnect system
- Full axial load-bearing capability in excess of 1,500,000 lbf
- NACE compatible

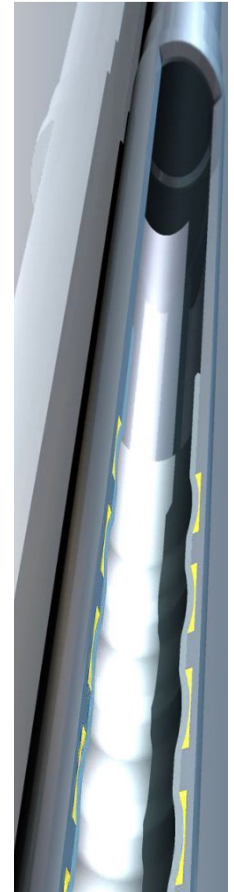
As a part of the COLOSSUS M2M\* metal-to-metal expandable liner hanger system portfolio, the Casing Reconnect\* metal-to-metal, gas-tight casing repair system is a V0 ISO 14310 and ISO 13679 certified, full axial-load-bearing metal-to-metal reconnection solution that seamlessly replaces stuck or damaged casing. It keeps drilling programs on schedule without the need for lengthy fishing operations or costly sidetracks, secures well integrity for P&A operations, and minimizes costs.

The Casing Reconnect system is a robust, cost-effective remediation solution for the life of the well operations. With no reduction in ID, the reliable casing reconnect can be used to back out casing, realign space out, and offer an economical alternative to costly sidetrack operations.

## Applications

When subsea wellhead or mudline suspension systems require a workover, a subsea tieback between the wellhead and the rig may be installed to assist with landing out the tieback string in the surface wellhead and the tieback point. The casing reconnect system allows space-out flexibility with a high-integrity seal to enable safer workover activities.

During drilling operations, the casing may become stuck at a point close enough to the intended depth to still be viable. However, the casing will likely not have been landed out in the hanger, limiting the options for some applications such as subsea wellheads. Using the Casing Reconnect system enables cutting and pulling the casing anywhere between the wellhead and the stuck point. Replacement casing is then run with a casing reconnect system receptacle on the bottom. The casing stump is then morphed into the casing reconnect system receptacle to rejoin the two strings with a high axial-load-bearing, metal-to-metal seal. The system accommodates excess swallow at the connection, greatly simplifying space-out for correctly landing the hanger.



Casing Reconnect system.

## Casing Reconnect System Specifications

Size, in [cm]	7 [17.780]	9.625 [202.248]	9.875 [25.083]	13.375 [33.973]	13.625 [34.608]
OD, in [cm]	8.350 [21.209]	12.097 [30.726]	12.035 [30.569]	16.750 [42.545]	17.000 [43.18]
Standard ID, in [cm]	6.184 [15.707]	8.535 [21.679]	8.535 [21.679]	12.347 [31.361]	12.375 [31.433]
Length, ft [m]	29.3 [8.9]	27.7 [8.4]	28.4 [8.7]	31.0 [9.4]	31.0 [9.4]
Collapse rating, psi [MPa]	8,500 [58.6]	7,930 [54.7]	7,930 [54.7]	2,880 [19.9]	4,590 [31.6]

Note: Grapple to place casing in tension available on request. Ratings are based on ISO 10400 calculation methods using P110 base pipe. Application-specific ratings available upon request.