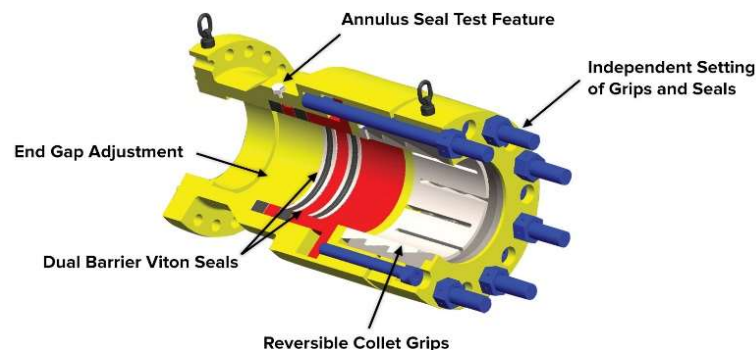


Titan Mechanical Connector

Product Description:

The Titan Mechanical Connector is utilized to accomplish pipeline repairs, and to assist with other Subsea projects such as reroutes and abandonments which require the insertion of a flanged tie-in point into an existing pipeline system. The ***Titan Mechanical Connector***, or ***TMC***, has been developed by Titan Subsea Innovations to help offshore pipeline companies accomplish these projects in a timely and cost-effective manner, while providing the required long-term operational integrity for the Subsea environment.

The ***Titan Mechanical Connector*** offers a combination of features and benefits that have been proven in decades of connector design experience. The engineers at Titan Subsea Innovations have produced a proven connector design, which incorporates those features that have functioned well in the past, including the following:



- **Independent setting of grips and seals**
- **Dual Barrier Viton seals** provides a cavity for an **Annulus Seal Test Feature** to facilitate a seal verification test between the connector and the pipeline after the connector has been installed.
- **End Gap Adjustment** of $\frac{1}{2}$ the pipe diameter or 6", whichever is greater, allows for a range of longitudinal positions of the connector on the pipe to easily mate up the spool piece.
- **Reversible Collet Grips** allow the connector to be unset and removed from the pipeline after installation if required.
- **Increased ovality tolerance**, where the connector bore is designed with a large radial clearance to the pipeline to ensure easier installation of the connector in the subsea environment.

Technical Specifications:

- ASME Sec VIII Div 1, 2 and API 6H compliant design as applicable
- Inboard seals & outboard grips for NACE compliance
- NACE pressure-containing components
- Increased pipe ovality tolerance
- On-site technicians are available to assist with installation



42" 3000psi Emergency Pipeline Repair System