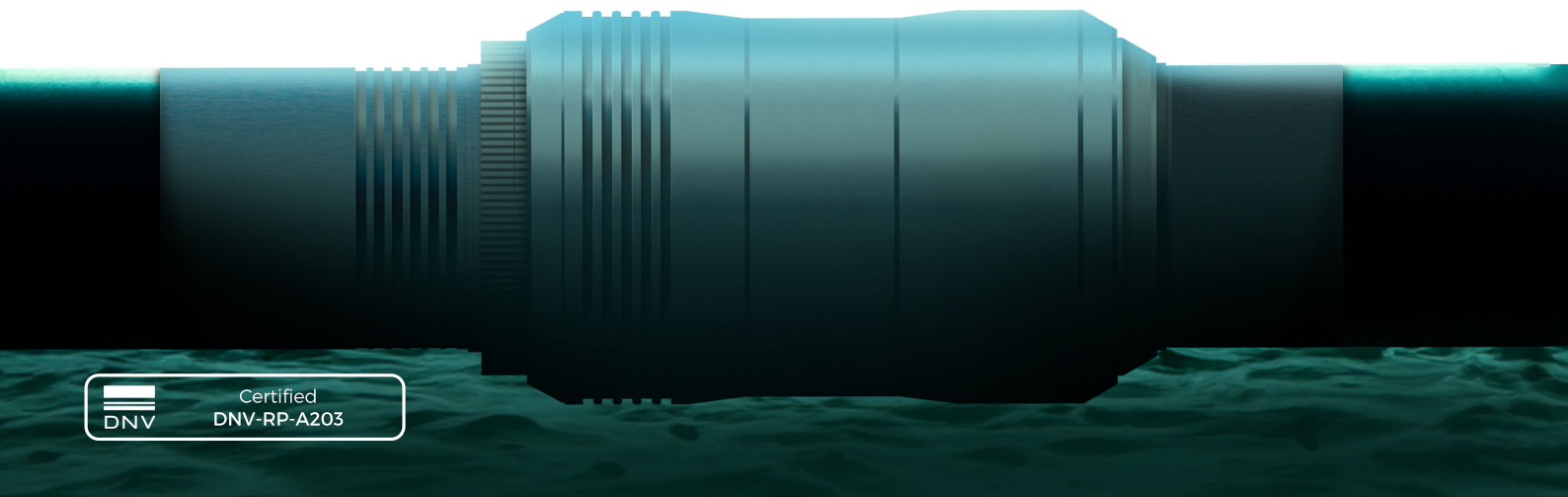


RapidPipe Connector



The RapidPipe connector is a robust and cost effective system designed for pipelines and risers. Engineered for ease of installation, recovery and reuse, it offers substantial savings and reduces environmental impact. The connector is versatile, supporting the use of CS pipes lined with CRA alloys including titanium alloys, as well as HDPE/UHMWPE liners.

It makes it ideal for challenging environments where welding is difficult, slow, or impossible. This system is particularly suited for applications involving H₂, CO₂ and sour oil and gas, where traditional welding techniques may be problematic due to material compatibility or environmental conditions.

Key Features



Cost Effective & Robust

A rigid pipe alternative to traditional flexible flowlines and risers, ensuring economic efficiency and durability.



Fast Installation

Extensive onshore fabrication minimizes vessel activities, reducing overall project timelines. Utilise vessels of opportunity including large CSV's and Drilling Rigs.



Easy Assembly & Pre-Loading

Preloaded design ensures excellent fatigue performance, simplifying the installation process even in difficult conditions.



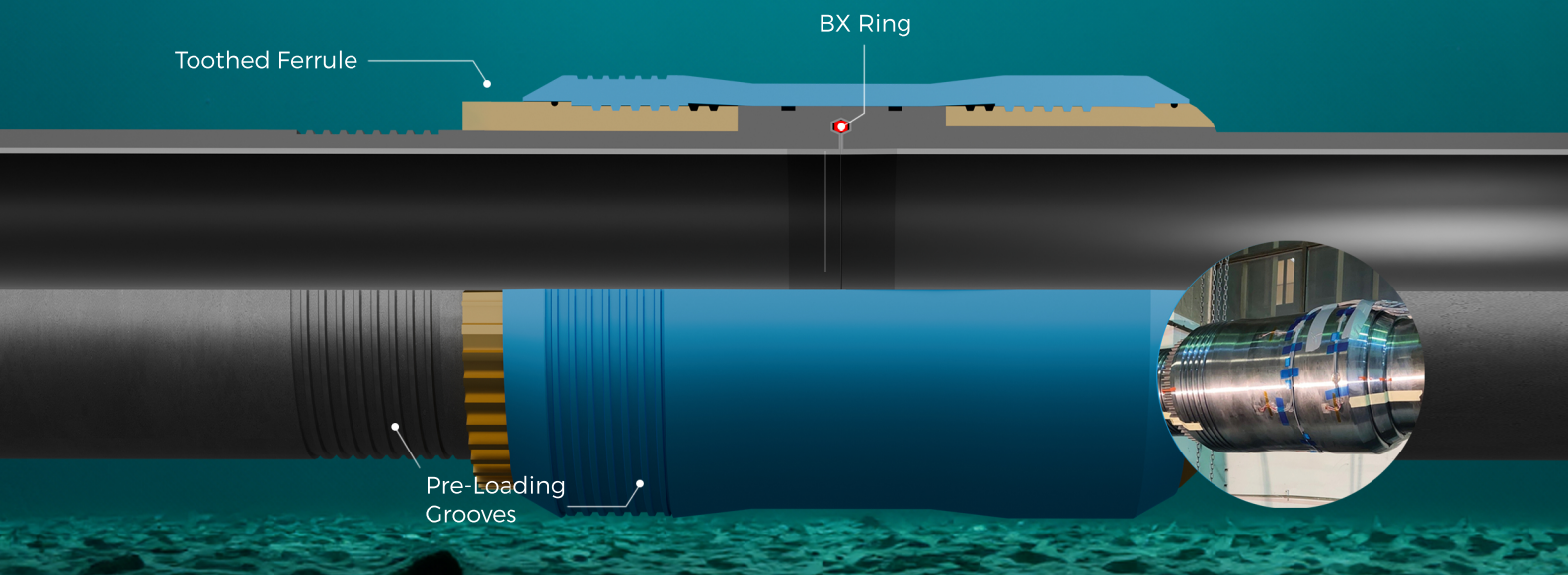
Recoverable & Reusable

Designed to be recovered and reused, significantly lowering both operational costs and CO₂ emissions.



Sealing

Tried and tested BX ring seal with optional secondary metallic or elastomeric seals.



Material & Specifications

Hubs	ASTM A707 L5 Class 3 Grade F80
Sealing Face	UNS N06625 Alloy 625
Maximum Working Pressure	1380 bar (20000 psi)
Nominal Pipe Diameter Range	6 inch - 20 inch
Temperature Range	+121/-40°C (wider on request)
Applicable Codes	API17G, DNV RP C203

Applications



RapidPipe Connectors have versatile applications in both the Oil & Gas and Renewable Energy industries. RapidPipe Connectors used on:

Pipeline & Riser Installation using J-Lay or S-Lay methods

Pipelines for CO₂ & H₂ Transportation

Seabed Mining Risers

Subsea Structure & PLET Connections

TLP Tether Installation

Cassion Installation

Sustainability Advantages



Reduced Environmental Impact

Onshore welding/NDT/coating processes decrease transit and emissions.



Recovery & Reuse

Pipelines can be recovered and reused for oil, gas, water injection, EOR (Enhanced Oil Recovery), CO₂, and H₂ applications, mitigating the need for decommissioning.



Efficiency

Optimising the availability of sensitive offshore assets as PSVL by allowing for better use of available installation windows.