

SUBSEA DIVER INSTALLED CONNECTORS

PRODUCT GROUP
MORGRIP CLAMPS
& CONNECTORS



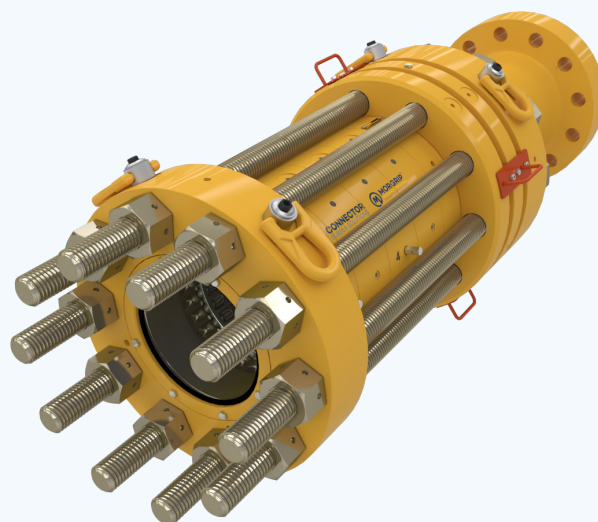
PRODUCT DESCRIPTION

MORGRIP Subsea Diver Installed Connectors enable subsea pipelines to be joined or terminated in a flange or end cap, without the need for hyperbaric welding or hot work.

With a choice of gripping and sealing technologies available, we are able to meet a wide criteria of customer needs that balance the specific application requirements with quality, cost and delivery schedule options.

For DNV-GL Type Approved products, the MORGRIP is supplied with our unique gripping and graphite sealing technology to ensure a connection that is at least as strong as the pipe itself, outperforming quality welds in fatigue loading.

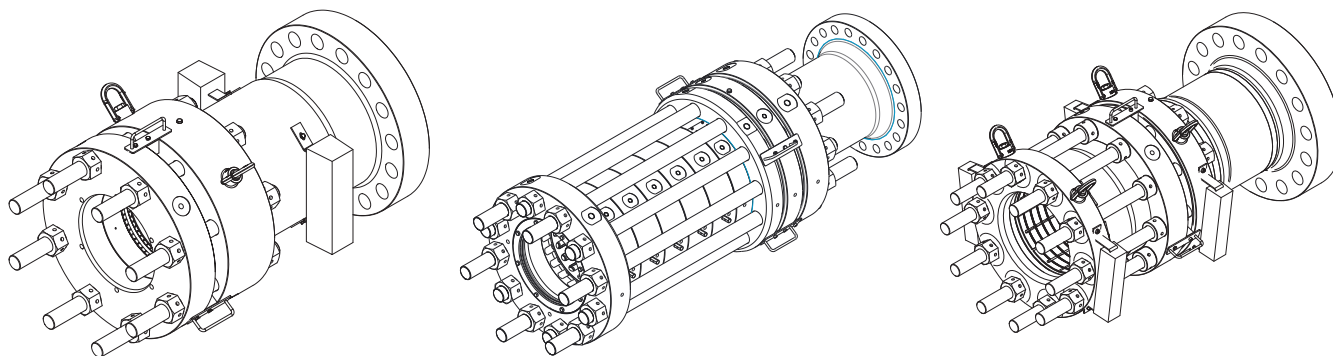
With over 3000 supplied since the 1980's MORGRIP retains a 100% in-service leak free record. These products are quick and easy to install significantly reducing shutdown windows and associated operational costs.



CAPACITIES

Pipeline size	1/2in to 42in
Material	Carbon steels, stainless steels, duplex steels
Temperature	-40degC to 250degC
Working Pressure	Up to and including ANSI 2500 rating (638bar test pressure)

For applications outside of this scope, bespoke engineered solutions are available.



CONNECTOR SUBSEA SOLUTIONS

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INTERFACES

Activation	Option for single or dual activation with bolt tensioners
Gripping Technology	Collet or ball & taper
Seal Material	Dual elastomeric or dual graphite
Back Seal Pressure Test	Yes
Installation	Rigging with buoyancy or subsea lifting frames

ADDITIONAL INFO

Design code	DNVGL-ST-F101/ F113 Pipeline Repair ASME BPVC VIII Div.1 ASME B31.3 API 5L Linepipe specification ASME BPVC VIII Div.2 on request
Coating	Jotamastic 87, Interzone 954 or NORSOK M-501 System 7C & 7B Compliant
Maintenance	Not required post installation
Packing	Wooden shipping crates or steel shipping frames
Design Life	40 years

For more information on this and related products, visit us at:

www.connectorsubsea.com



02 // Mounted on transport frames



03 // Subsea Installation



01 // Offshore mobilisation



04 // Subsea Installation



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