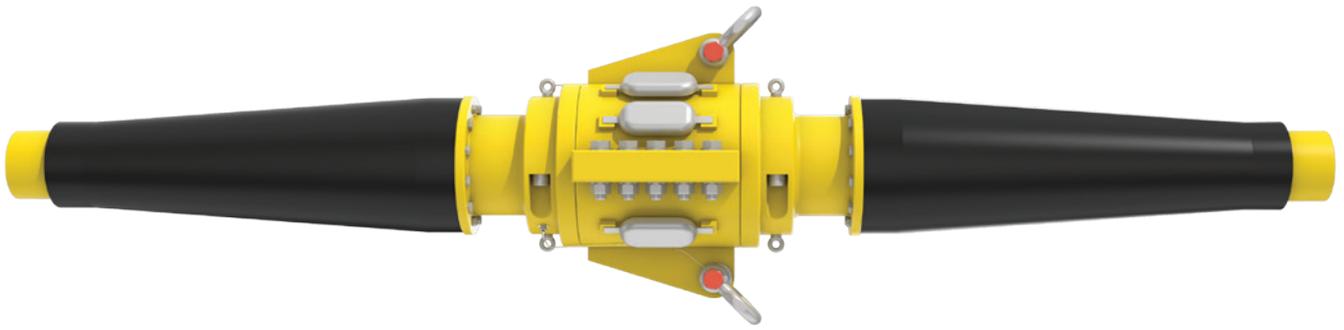


Umbilical Tie Back Collar

Safely securing subsea umbilicals



Oceanengineering[®] tie back collars are used to secure umbilicals to a subsea structure or anchor point on the seabed.

Typically used in dynamic applications, tie back collars may be used in situations where the umbilical must be secured in order to mitigate the effects of excessive movement.

FEATURES

High strength, non-slip design

Allows for rotation of the umbilical

Stable anchoring in various planes

Umbilical Tie Back Collar

Tie back collars provide a means of attaching an anchor chain or tether cable to facilitate a particular umbilical arrangement.

The collar allows the umbilical to be secured against excessive movement at an identified point along the umbilical's length while allowing the umbilical to rotate freely within the collar. This

configuration assists in preventing torquing of the umbilical and its functional components. The collar design restricts lateral and axial movement.

Where possible, the collar is permanently attached to the umbilical and features shackles for the attachment of tethers, thus ensuring stable anchoring in more than one plane.



Application	Used to secure umbilicals against unwanted movement
Interface size range	Designed to suit all umbilical sizes (typically 3 in - 12.5 in / 80 mm - 320 mm diameters)
Connection method to umbilical	May be potted to umbilical structural members, if required, or clamped
Transfer of umbilical loads	Tether designed to support tensile loads while protecting against over-bending at attachment point
Bend protection	Bend strain relievers (BSRs) included at either side of the tie back collar
Design life	Designed to suit umbilical system life (typically 25 years)
Coating and cathodic protection	Subsea coated and provided with anodes for cathodic protection
Fixings	Designs typically include two in-plane shackles

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