Tether clamp

Securely clamping to pipelines

Tether clamps are used to keep a dynamic flexible pipe, umbilical or cable in a desired position. They are often used when flexibles are in close proximity and help avoid clashing. The tether clamp is installed on the flexible and is then connected to a seabed anchor or gravity base using a tether system. Synthetic tether systems can also be supplied depending upon your requirement.



Subsea

Tether clamp

The tether clamp incorporates a unique swivel design, which permits 360-degree rotation, thereby eliminating torsional loads on the flexible riser, umbilical, or cable. Tether clamp technology is also used for pipe hold back and hold down applications. Tether clamps can also incorporate unique features to overcome large pipe contractions during the service life due to hydrostatic pressure and creep. All tether clamps are maintenance free for the full project duration and can be designed for ROV installation and retrieval.

Tether clamps are designed to withstand high differential axial loads on the flexible pipe, umbilical or cable, together with high tether loads to the anchor, while coping with all the usual challenges of clamping onto flexible structures. Tether clamps can also be supplied with bend protection such as bend restrictors and bellmouths.





Benefits

- Withstands high axial and lateral loads
- Compliant designs exert low clamping pressure, thus avoiding damage to the flexible
- ROV installable solutions with full track record
- Integrated bend protection available as an option
- Compliant designs for insulated risers and delicate umbilicals
- 360-degree rotation
- API 17L and NORSOK compliant

Applications

- Flexible risers
- Umbilicals
- Power / control / communication cables
- Offshore wind subsea cables



For further details about our products or services, please contact us:

t: +44 1695 712000 **e:** info@aisltd.com **w:** aisltd.com

© Copyright 2026 Advanced Innergy Limited

397V2.2026.10.26