

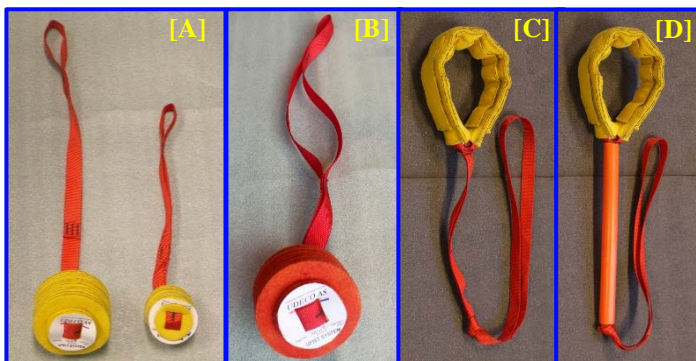
Ufist ROV Lifting and Handling System

Ball Fists and Ring Fists

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The Ufist ROV Lifting and Handling System includes various types of low cost ROV fists, handles, bridles and related attachment accessories. This versatile product range was developed to suit various applications and ROV operations, and to include features that permit fast, simple and reliable attachment to and / or release from subsea equipment.

- Various stainless steel strap attachment accessories are available.
- Standard fist colour is yellow. Other colours are obtained by use of spray box paint.
- Fist strap length shortening is performed by removal of the standard extension strap, by extra attachment turns around attachment points or by changing the attachment location between the fist strap and the extension strap. Other extension strap lengths are available on request.
- In case of a possible entanglement of fists and cables or other, the fists can be temporary shortened by use of a rubber ring in which the fist straps are inserted. (e.g. on flying leads in deployment basket).



Ball Fist, Large (Ø 100mm) and Small (Ø 65mm) [A] / coloured [B]. Ring Fist (Ø150mm) [C]. Fist with buoyant tube [D].

Features & Particulars

- Ufist Ball Fists and Ring Fists are buoyant. Optional lead weight ring for negative buoyancy is available.
- Ball fists sizes are Large Ø100 mm, length 1,15m* & Small Ø65 mm, length 0,9m*.
- Ring fist size is 150mm dia. & 0.9m* long.
- Fists are delivered with a standard extension strap that is used for attaching the fists to subsea equipment (can be removed if not required used).
- The fist bodies are made from units of laminated high strength tear and wear resistant polypropylene fabric that provide a 'soft', but still firm ROV grip.
- The fists incorporate a 20mm wide polyester webbing strap (tested braking load 850kg). The strap include an end loop for easy and quick attachment to the standard extension strap, anti-slip webbing straps or other 'attachment accessories'.
- Fist attachment to cables, hoses, and jumpers or similar utilises anti-slip extension straps (strap treated with a rubber compound).
- For extra buoyancy and /or stiffness and reduced current movement of the fists, they can as an option be delivered with a buoyant and bendable PE tube.

* Lengths are inclusive of the 0,5m long standard extension strap [E]. Other lengths on request.



Attachment using the standard extension strap [E] tied to a loop integrated in the fist strap.



Attachment to cables, hoses, jumpers or other, using the anti-slip webbing loops [F], with or without, temporary strap shortening ring [G].



Attachment with 'attachment accessories' (with or w/o standard extension strap). The accessories includes stainless steel D-shackles, R-clip, Spring lock pin, Cotter pin, D-ring, Quick link, and similar.

Delivery include relevant User Guide / Procedure for configuration, adjustment and attachment of fists.

Contacts

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