

BC Service

Safety by experience

Products



BC Service

U-Hook



**TO BE COMPLIANT WITH
LSA CODE REQUIREMENTS
ADOPTED BY MSC.320(89)
AND MSC.1 CIRC.1392**

U-HOOK

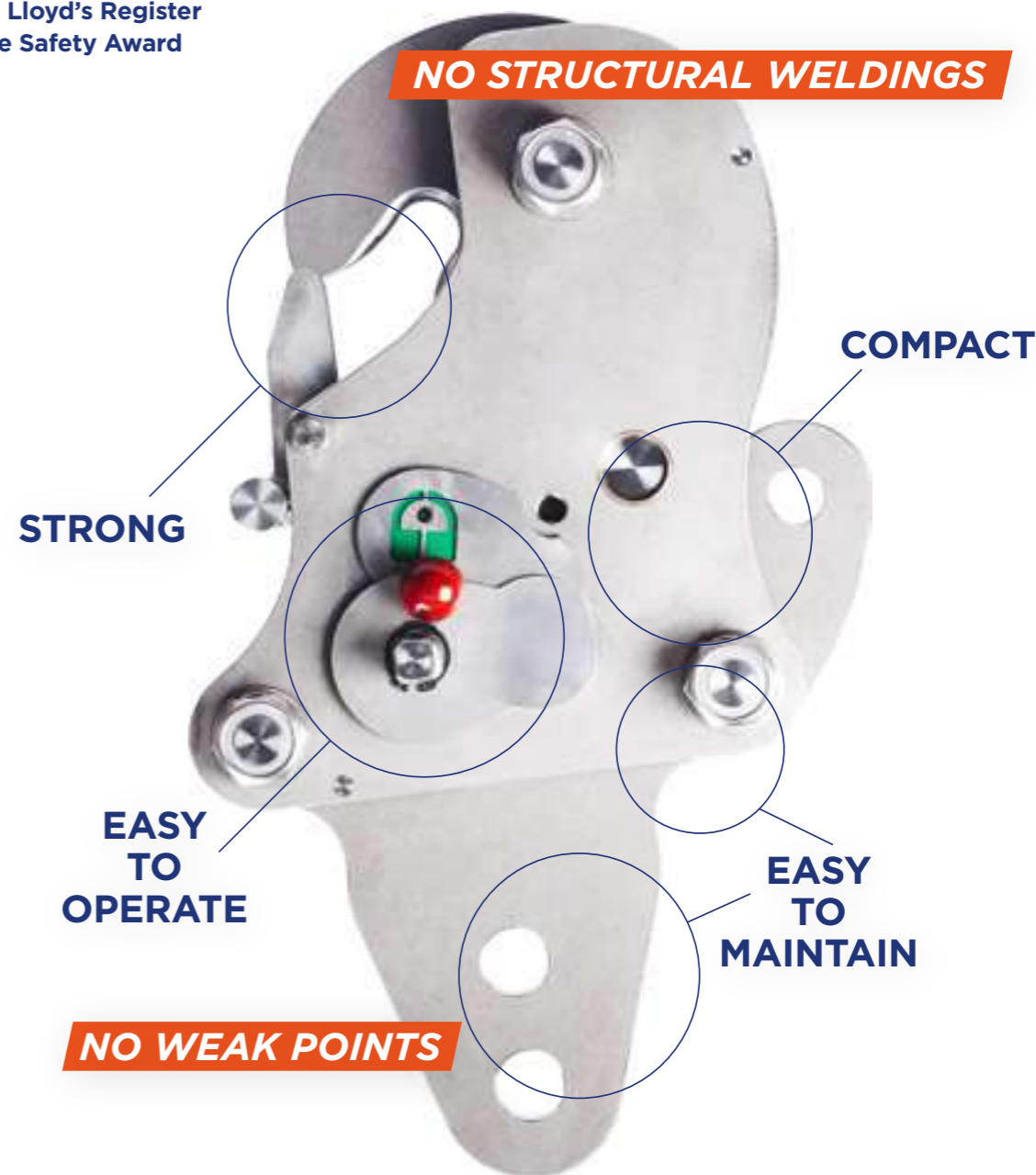
With over 70 years of experience in lifeboats, we are proud to introduce the U-Hook, the Universal Hook designed to fit all existing lifeboats. The only one in Super Duplex: long lasting, twice the strength compared to standard stainless steels and also improved resistance to localized corrosion.

Super duplex is by definition a duplex stainless steel with a Pitting Resistance Equivalent Number (PREN) > 40.

Fit your lifeboats with U-Hook
Starting July 2014, U-Hook is the solution to upgrade the Safety Of Life At Sea.

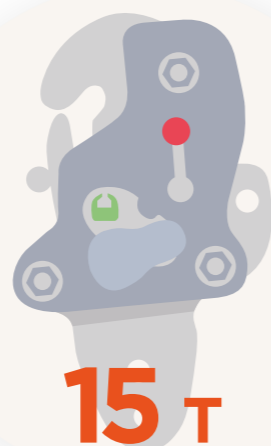
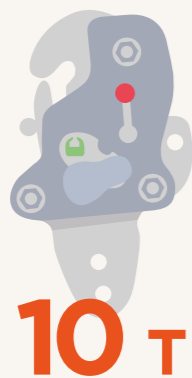


U-Hook has been nominated for the RINA - Lloyd's Register 2015 Maritime Safety Award



Technical state of the art
U-Hook is designed in Genoa, Italy, made in Italy in SUPER DUPLEX stainless steel.

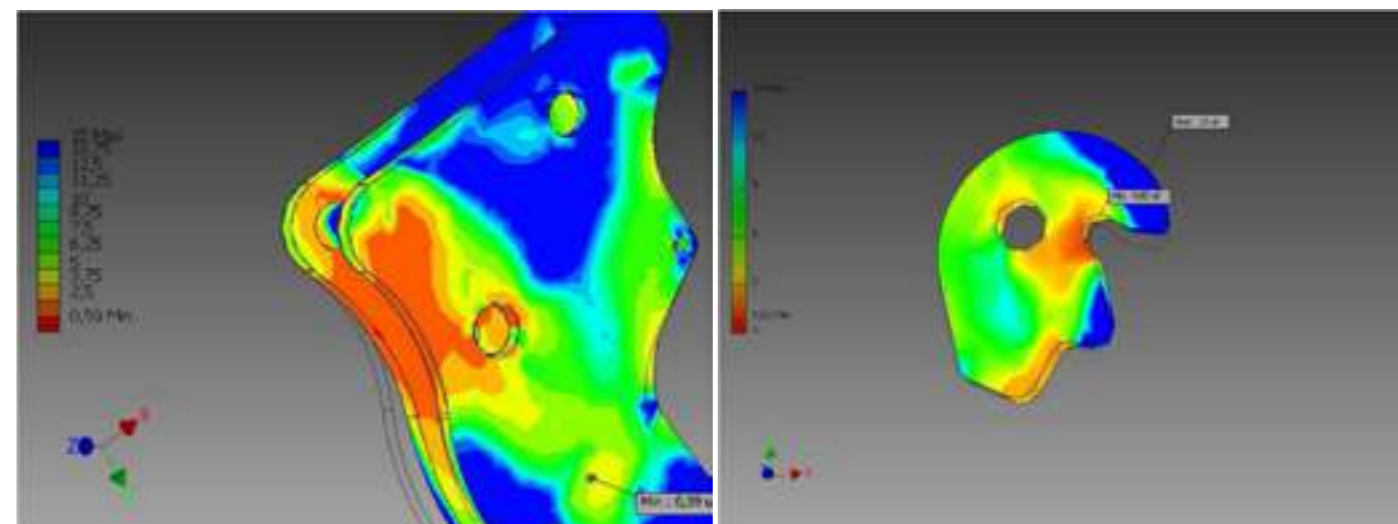
U-HOOK COMES IN 4 DIFFERENT SIZES TO FIT ANY EXISTING LIFEBOAT



All lifeboat on-load release and retrieval mechanisms, not complying with new sub-paragraphs 4.4.7.6.4 to 4.4.7.6.6 of the LSA Code resolution MSC.320(89), to be replaced with equipment that complies with the Code by the first scheduled out-of-water drydocking after July 1st 2014, but not later than July 1st 2019.

MADE IN ITALY

Made in house with state of art software and decades of experience in lifeboats and release gears.



Excellent resistance and quality given by highest quality material. Easy to maintain and extremely cost effective. Reduced dimensions allows U-Hook to fit any existing lifeboat.



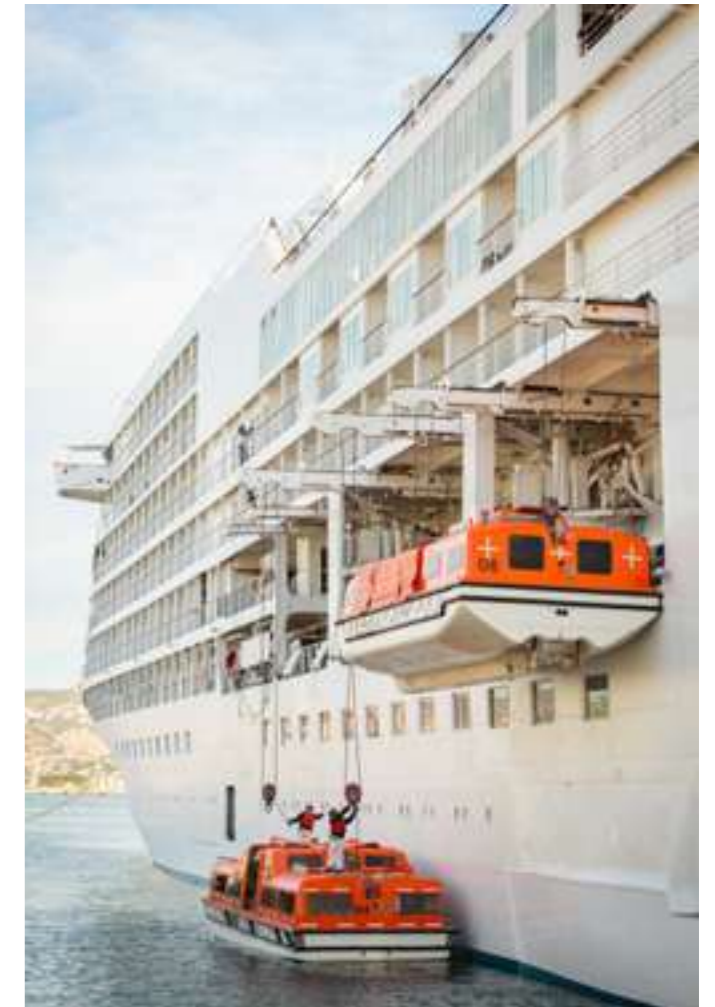
Each single component is measured and checked by our quality control department based in Genoa (Italy)

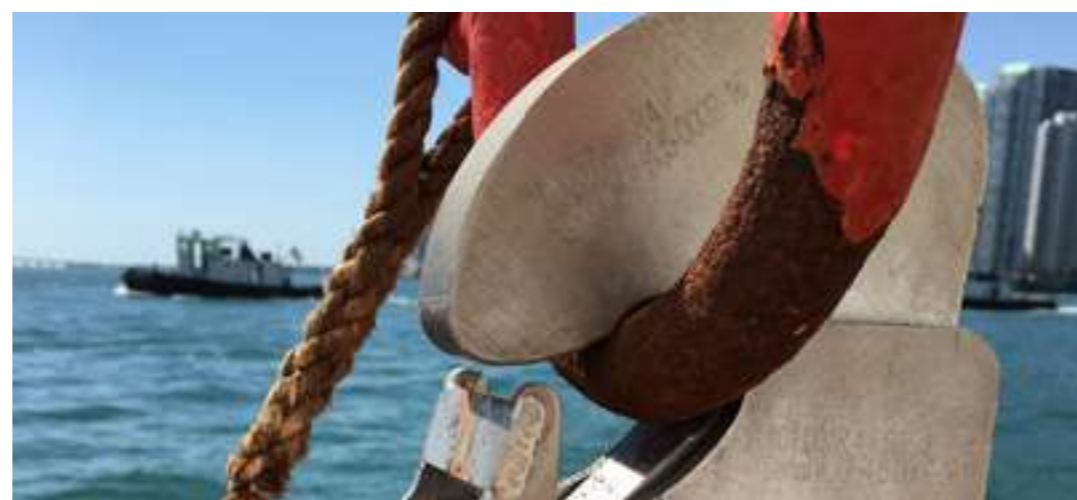
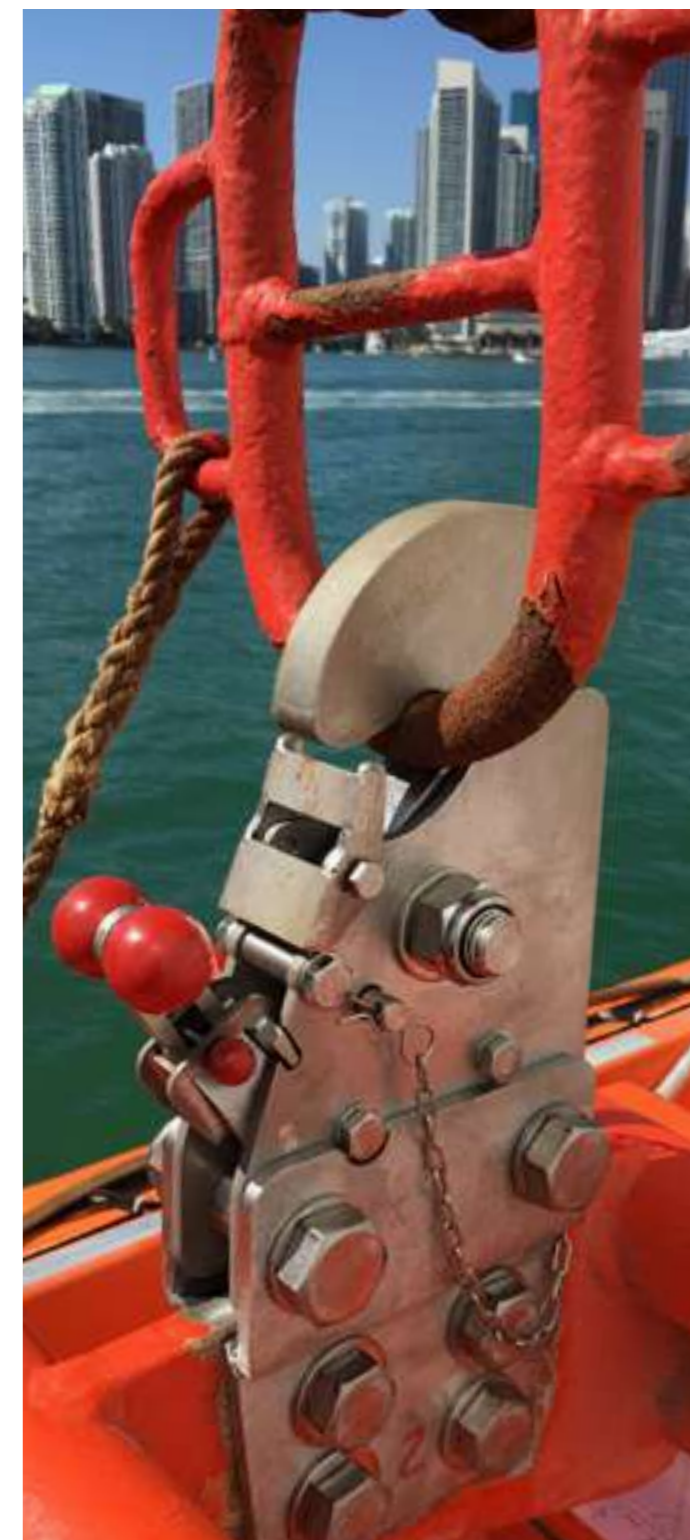


Thanks to our global presence, we can offer lumpsum quotes per installation in all the world especially in China and Singapore.

We have completed more than 1000 re-hookings and many more to come as part of fleet agreements starting from the entry into force of msc.1 circ.1392 (july 2014)

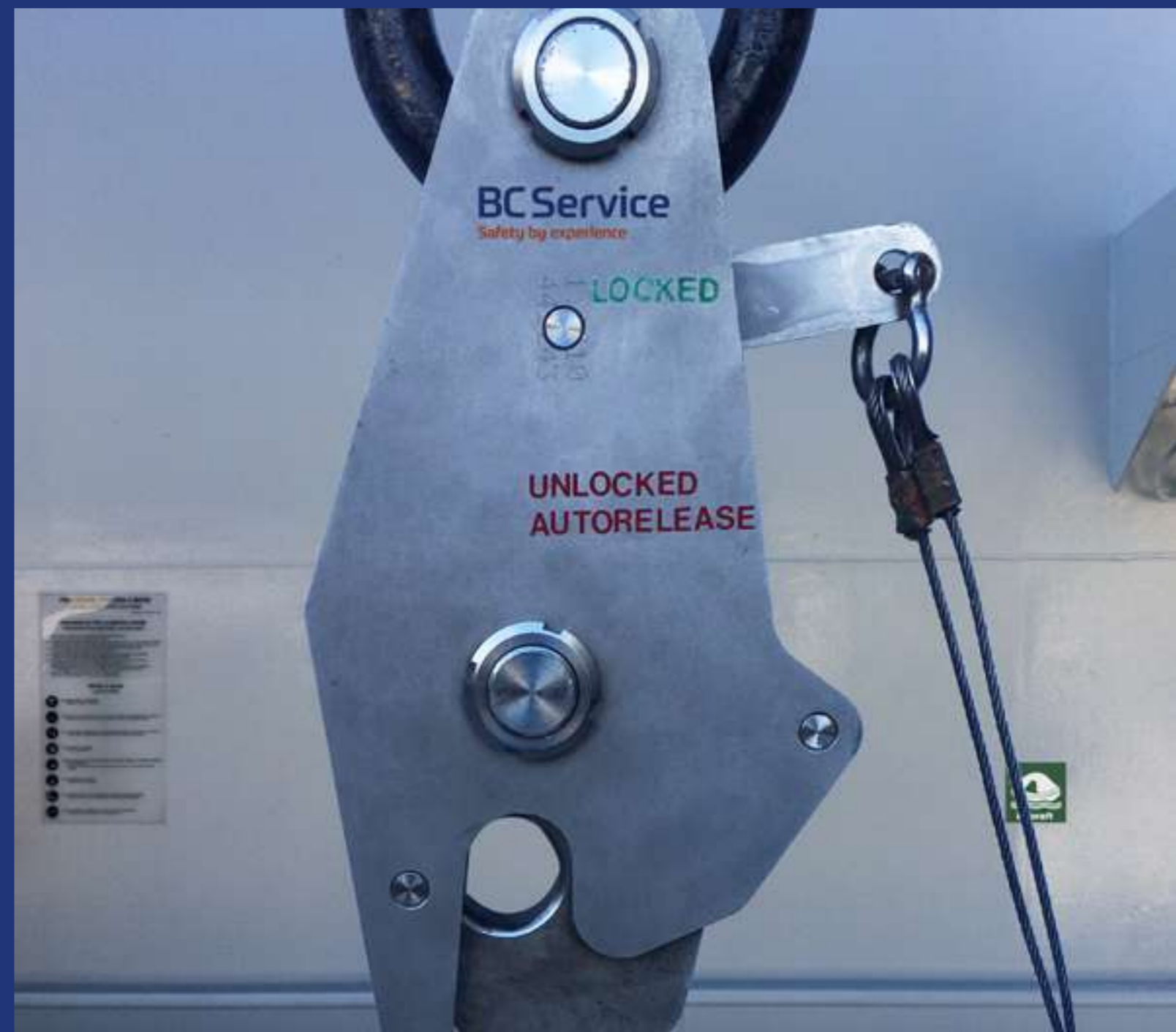
U-Hook complies with all new regulations, is MED certified by Rina (MED B and MED D), Type Approved by Lloyd's Register (recognized by all IACS members as ABS BV, CCS, CRS, DNV GL, IRS, KR, LR, NK, PRS, RINA, RS) USCG certified, as in accordance to IMO resolution MSC.81 (70) as amended by resolution MSC.226 (82) and MSC.321(89) and IMO RES. MSC.48 (66) (LSA Code) as amended by RES. MSC.218 (82) and RES. MSC.320 (89) and is compliant with latest IACS Unified Interpretations SC 267 and SC 267 REV1.





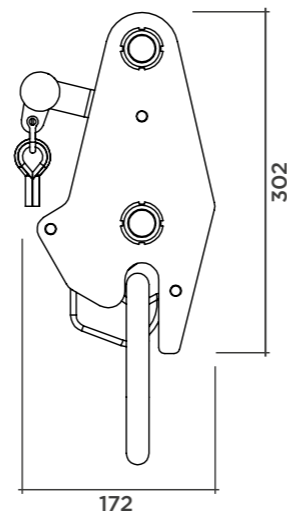
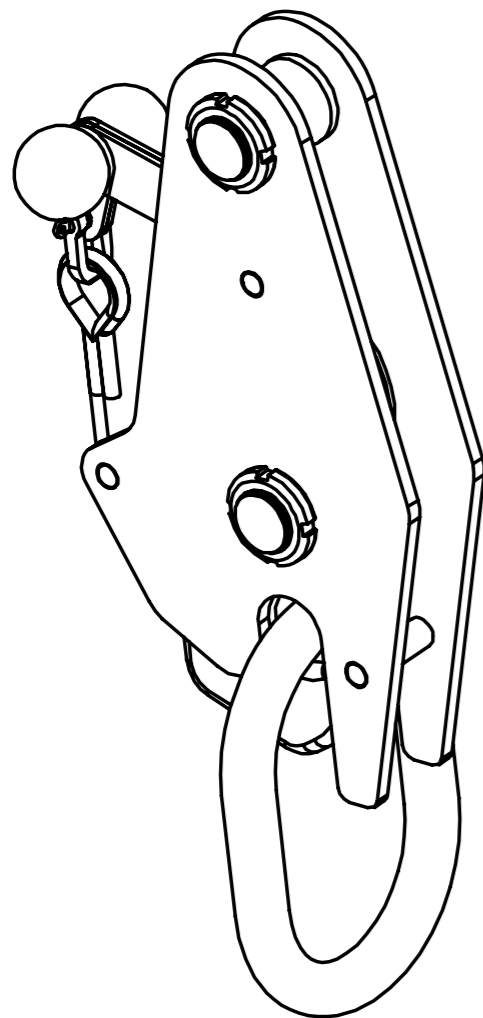
U-Hook comes also in an OFF LOAD version for SWL up to 4.5T

U-ARH



U-ARH

- **The Universal Automatic Release Hook**
- **Made in Super Duplex**
- **SWL up to 3.5T**
- **Can be used on any existing life raft crane**
- **LR and USCG Certified**



- **Compact & easy to handle**
- **Available in stock in Americas, Asia and Europe**
- **Planned replacement programs available with no more need for 5 yearly certifications**

BC Service

U-Grease

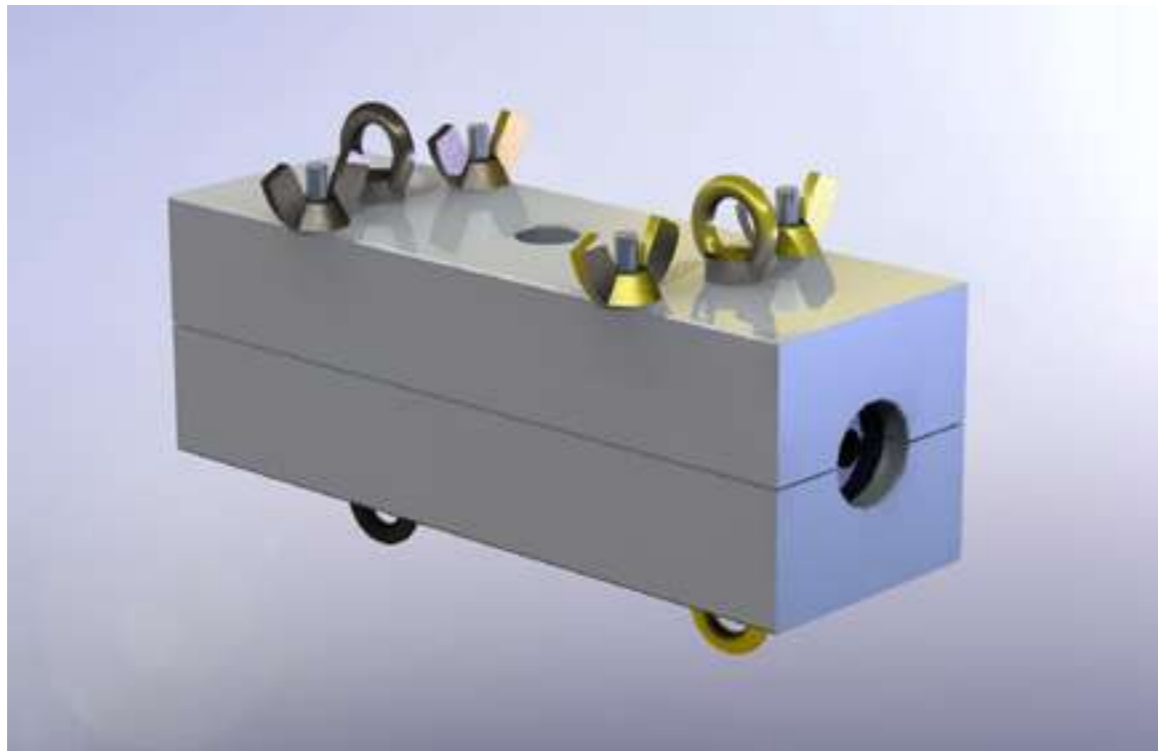


U-GREASE

- **Simplified, speeded up and improved process**
- **Greases at speeds up to 1500 m per hour**
- **Reduces machine downtime**
- **Improves equipment availability**

Compatibility with major rope sizes
Eliminates manual greasing

Benefits greatly exceed conventional methods
Single-pass, fast and efficient wire rope greaser



It fits a high range of diameters:
from 10mm
up to 36mm

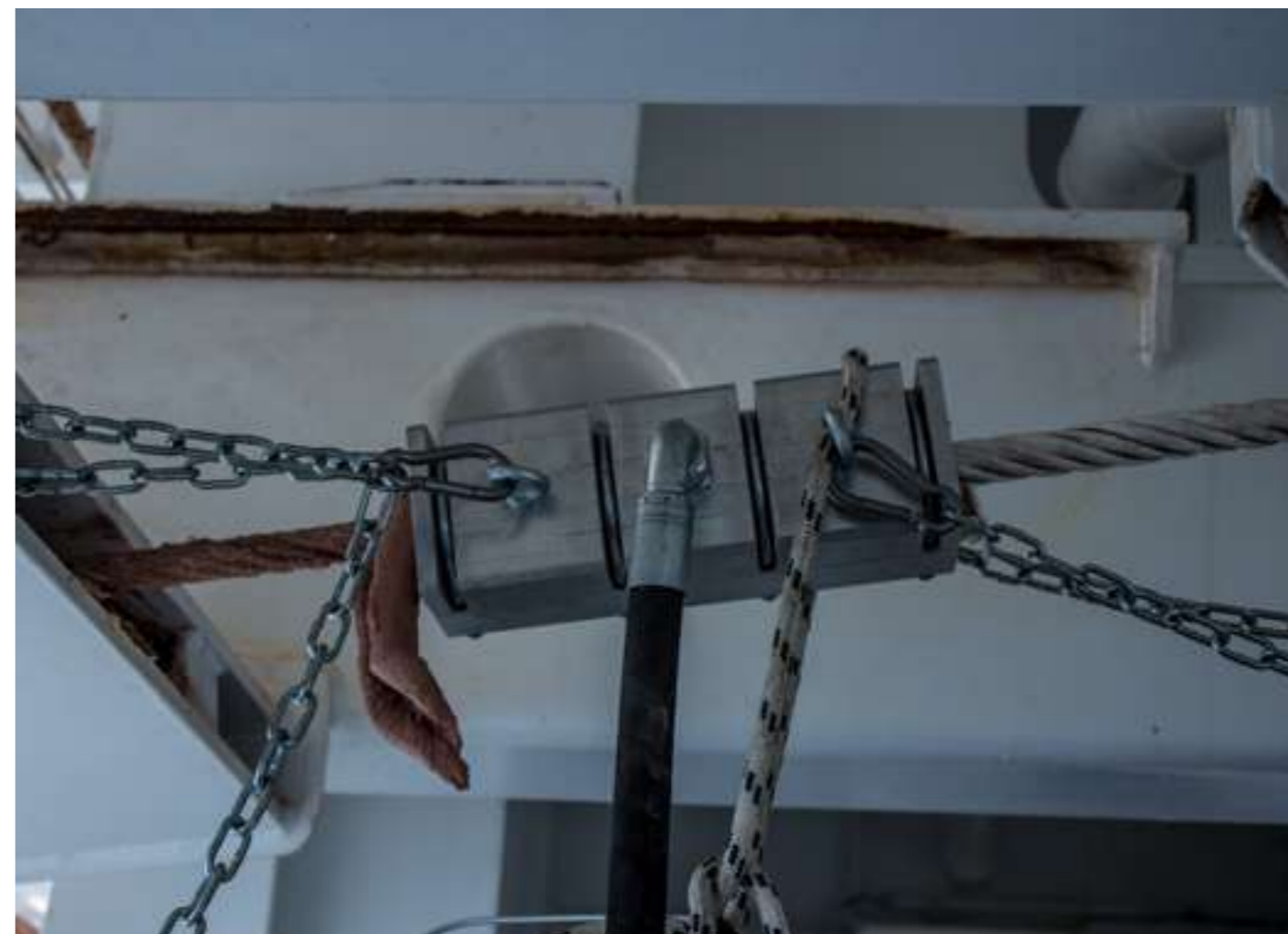


High-pressure grease pump:

- **Ensures grease penetration**
- **Displaces moisture from rope core**
- **Provides total coverage, even for large ropes**



- Eliminates manual greasing
- Improves safety
 - Decreases leakage
 - Reduces grease consumption





BC Service

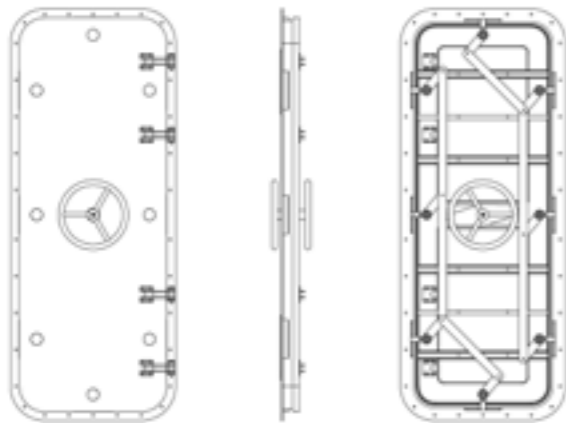
U-Door



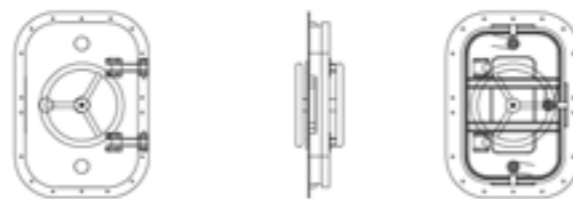
U-DOOR

- **Certified Fire Retardant Door**
- **Made in fiberglass**
- **Watertight to 25 KN/m²**
- **Quick acting single handle locking system**
- **Hand-wheel operated locking system**

Max clear opening
1800x650 (HxW)



Max clear opening
600x400 (HxW)



Options:

- **Door Locks (WT)**
- **FRD60 Windows (WT)**
- **Coating**
- **Door closer/Wind hook**
- **Open/Close proximity switch**



Watertight to
25 KN/m²



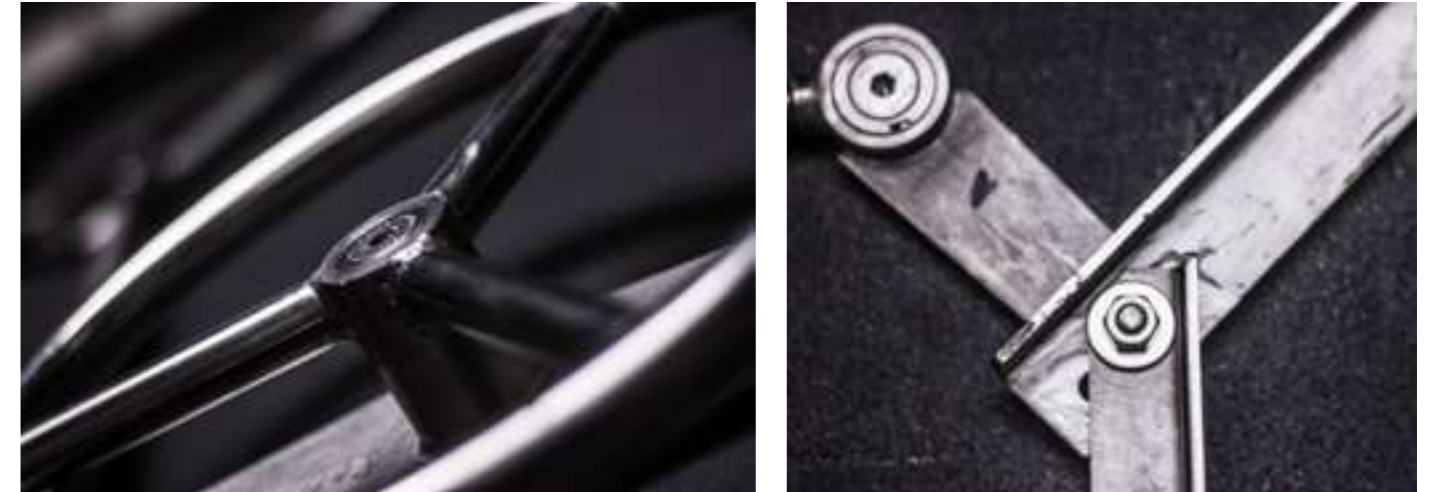
Fiberglass FRD60 Door:

- **No maintenance**
- **Lighter than other doors**
- **Quick acting adjustable dogs and hinges**

STANDARD TYPE

- **All moving parts stainless steel AISI 316**
- **Adjustable moving parts**
- **100 mm corner radius**
- **Greaseless bearings**
- **Standard angle AISI 316 bar frame**
- **Excellent performance during fire**
- **Low maintenance, long lifetime**
- **Gel coat surface treatment**
- **Glass fiber reinforced plastic (GRP fire resistance door leaf)**

BC Service's FRD60 doors are approved by Lloyd's Register according to the latest rules for classifications of ships, mobile offshore and HSC.



The peculiarity of the BCS U-Door is that it is made of fiberglass, a material that is requested in certain applications, mainly high end yachting or military.

Very few fiberglass doors in the world are FRD60

FRD60 Water and Fire U-Doors are fully certified as fire doors according to 2010 FTP Code.



SAFETY AT SEA LEVEL

The U-Doors are designed for the most extreme conditions and are showing an excellent performance during fire testing and operational testing.

Temperature inside the furnace
945° C after 60 min.



Temperature outside the furnace
50 °C after 60 min.



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