



Fassmer Duplex Release Systems MORE than just ONE step ahead

Fassmer experience has a lead over the competition

Sometimes there is nothing like experience. If it is a matter of life and death, it is Fassmer Duplex Release Systems that have proved their value in safety and reliability. Since 1982, Fassmer basic release systems have been subjected to continuous improvement. Now Fassmer has set new milestones for enhanced release systems, fulfilling all international rules in advance. Fassmer Duplex Release Systems absolutely leave no room for chance.



Round cam

The round cam release bolt holds the hook locked under all conditions.

Corrosion resistance

Corrosion-resistant materials such as stainless steel and high-strength cast bronze mean no coating and galvanizing.

Easy to operate

Clearly visible and easily understood indications make the operation with the hooks safe and fast.

Long-term operation

Stainless steel release wire system is closed, watertight and greased for long term operation.

Locking pin

Locking pin locks the hook against accidental release and ensures the correct hook reset when inserted.

New Safety Device – Anti Blockage System

Only Fassmer Duplex Release Systems have a special new safety device (utility patent registered) that prevents hook operation as long as one or both locking pins is inserted into the hook.

Gravity-activated arresting lever

A gravity-activated arresting lever is installed, which prevents the return of the release lever to the resting position after release, if hooks are not fully reset.

Additional level of safety

A revised chain attachment of the release gear safety pin makes it impossible to insert the safety pin as long as the release lever is not fully returned to the resting position.

Floater

Simple hydrostatic interlock system with a floater.

Increased greasing intervals

Annual greasing by an authorised agent is sufficient.



Approved as “fail-safe”

Fassmer Duplex Release Systems “can be considered fail-safe, as no single operational failures are conceivable that may cause the hook to leave its safe state” (quote from GL-FMEA).

The Fassmer Duplex Release Hooks have a **stable design**, are **stable under load** and **are always in a safe state**. Fassmer does not only use the Fassmer Duplex Release Systems in their own lifeboats, but clients can rehook their whole fleet in a safe way.

“Fail-safe” by several steps of control

The Fassmer Duplex Release Systems remain safely locked until the water is reached – only then is the hydrostatic locking device activated by a simple floater and allows immediate release. And even in the unlikely event that the hydrostatic locking devices need to be overridden, the three different barriers including breaking a safety glass can be overcome in a few moments. During training and maintenance, the new locking pin as a safety barrier prevents any misuse of the override device! Everything that could happen when a lifeboat is released into the rough sea, is taken into account.

Hook Range:

2.5 t
Used on Compact Life- and Rescue Boats (CLR-C 5.9)

5 t
Used on Compact Life Boats (CL-T 7.2)

6.6 t
Used on Compact Life Boats (CL-T 9.8)

10 t
Used on Semi Enclosed Lifeboats (SEL 10.5, SEL 9.6)

17 t
Used on Tender Boats (SEL-T 11.0, SEL-T 11.7)

23 t
Used on Life- and Tender Boats (SEL 12.5, SEL-T 15.5)



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