



RF CONNECTOR



The New Generation Connector



When joining two mooring chains a solid connector can be used. The RF Connector has the same outside shape as a traditional Kenter joining connector, but with an outside thickness (D) of $1.30 \times d$. The slim shape will enable the RF connector to be used on every mooring system on semisubmersibles, offshore loading system etc. and will fit any wildcat. In order to stay ahead with research, the RF Connector with improved fatigue properties was developed.

The work behind the development lies in skilled personnel and today's most advanced design aids. Critical components have been analyzed with FEA analysis and multiple NDT test have been done, exceeding class society requirements.

A unique robotized heat treatment process is used in producing the connector. Through robotized production the results are identical for hardening, quenching and tempering and it excludes the risk of human error. The unique heat treatment also ensures visible deformation before the components fails. All in favour to provide a high quality product.



The RF Connector has an improved proof- and break load with +5% than the minimum requirements from class societies.

Its six teeth the locking head provides a larger bearing area and a better stress distribution. Compared with standard or slim type connectors the side load resistance is larger and it has a better shock load resistance as well.



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THE KEY BENEFITS IN SHORT

+5% improved proof- and break load

Locking mechanism with a larger bearing area

Robotized heat treatment process

The RF design has an improved fatigue life

A designed spot for ID chip as standard

All parts are CNC/DNC machined



ID chip can easily be installed to obtain instant traceability.



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