

# **EVERYTHING YOU NEED TO KNOW ABOUT MASTER LINKS AND SUB-ASSEMBLIES**

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Master links and sub-assemblies are designed and mainly used in sling type applications, either mechanically assembled– or fully welded.

McKinnon Chain manufactures master links and sub-assemblies used with chain, as well as enlarged oblong master links and sub-assemblies, used with steel wire rope.

Our product ranges are for both onshore and offshore use. The application will determine the manufacturing/process parameters required for each application. Our Grade 8 DNV range of components are specifically designed to endure the harsh environment of the North Sea where most of these products are used in lifting sets on offshore oil rigs. Special processing steps are employed to ensure resistance to hydrogen embrittlement and excellent toughness properties at temperatures as low as -40 °C.

This product range is typically supplied in the orange powder coated condition. Alternatively, you find it in the Zinc Thermal diffused condition branded as Zinc Tough™ for excellent corrosion resistance properties. We also offer the option to have the products Zinc thermal diffused and powder coated in which case the powder coating will be a bright orange to distinguish it from the normal powder coated only range.

The Grade 8 - as well as the Grade 8 +10 product ranges are available in respectively a black- or blue powder coated finish range of products suitable for normal on shore and industrial applications.

During manufacturing, McKinnon chain exceeds the specification requirements by doing 100% proof testing and – magnetic particle testing on all components after heat treatment.

