

Our products can be proof load tested, break load tested and fatigue cycled tested on our own, in-house developed 1250, 3000 and 6000 tonne test rig. These can be subjected to NDT tests by our level 2 certified staff.

Calculation of test load according as follows:

Lifting shackles

≤ 85 ton

PL = (2,0 x WLL) ton

> 85 ton

PL = (1,22 x WLL + 20) ton

Shackles type D14, D16 and D17

PL = according to the offshore mooring chain guide

MBL = according to the offshore mooring chain guide

Sockets

PL = (2,0 x WLL) ton

Links type SC1, SC5 and SC11 ≤ 85 ton

PL = (2,0 x WLL) ton

> 85 ton

PL = (1,5 x WLL) ton

Link type SC2

PL = (2,0 x WLL) ton

Links type SC3, SC4 and SC6 up to SC10

PL = according to the offshore mooring chain guide

Hooks, swivels, turnbuckles,
tuningforks and triangle plates

≤ 25 ton

PL = (2,0 x WLL) ton

> 25 ton

PL = (1,22 x WLL + 20) ton

Fatigue calculation of test load according as follows:

For lifting component

1,5 x WLL x 20000

For mooring component

(various load) x (quantity of cycles)