

EXTREEMA® Roundslings

In on- and offshore projects the lifting equipment such as polyester round slings or wire rope grommets are at some point no longer suitable because of their size, weight and health & safety requirements.

The solution is called EXTREEMA®. EXTREEMA® round slings are made from 100% Dyneema® fibers. This makes the slings 15 times stronger than steel on weight to weight basis. Compared to polyester, EXTREEMA® slings are 3 times lighter with a much smaller diameter. Not only are the core yarns of the sling 100% Dyneema®, the protective covers are also made from Dyneema®. This makes the EXTREEMA® slings the most durable slings on the market.

Depending on the type of lifting operation, other protection sleeves can be proposed, such as Cordura® or polyester.



Features:

- 100% Dyneema® (HMPE)
- Up to 4.000T MBL in straight lift, and 8.000T MBL in U-lift
- Extremely low weight (8 to 10 times lighter than steel).
- Extremely flexible and soft, easy to handle.
- Extremely small diameter.
- Extremely low elongation (less 1% at WLL).
- Extremely high cut resistance.
- Extremely high abrasion resistance.
- Extremely good puncture resistance.
- Extremely high resistance to UV exposure.
- D:d = 1:1 (>WLL 200T D:d = 1:1,5)
- Good resistance to chemicals.
- Does not absorb water.
- Less back and hand injuries, increased efficiency.
- Cost saving, long service life.
- Repairable sling.
- No scrap, no damage to coil.
- Proofload of sling on demand. (DNV, Lloyds Register, etc).

Applications:

- Offshore Wind Industry. (Load-out, transportation & installation).
- Offshore Oil & Gas lifting & installation projects
- Engineered Heavy lifts.
- Subsea installation, rigging, mooring & lifting projects
- Defense & Nuclear Industry lifting projects.
- Renewable Foundations, Jackets, Monopile, Turbine & Blades manufacture.
- Offshore Decommissioning & Salvage.
- DNV Proofload -or Breakload test certificates, CE-declarations (on demand)

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Dyneema® is a registered trademark of DSM Dyneema®. Use of this trademark is prohibited unless strictly authorized.

Select a row from the table below, then click the add to quote button

Part Code	WLL ton
--	30
--	40
--	50
--	75
--	100
--	125
--	150
--	200

XXX = last 3 digits in article number indicates the effective working length in m. (EWL). Example XXX (020) = 2 m.




All data in this table is indicative.

MBL 2500T straight pull, MBL 5000T in basket hitch (U-lift)

1

Add to quote

Working load limit (WLL) in tons

 Straight pull	 Choke hitch	 0°	Basket hitch	
			0°-45°	45°-60°
1	0,8	2	1,4	1
2	1,6	4	2,8	2
3	2,4	6	4,2	3
4	3,2	8	5,6	4
5	4	10	7	5
6	4,8	12	8,4	6
8	6,4	16	11,2	8
10	8	20	14	10
15	12	30	21	15
20	16	40	28	20
25	20	50	35	25
30	24	60	42	30
40	32	80	56	40
50	40	100	70	50
60	48	120	84	60
80	64	160	112	80
100	80	200	140	100

Available with an MBL up to 4000T (WLL=500T SF5) and lengths up to 65m.

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