

**MAXIMUM PERFORMANCE
WITH MINIMAL WEIGHT**

DoGiga-P | DoGiga-H | DoGiga-C

Dolezych
EINFACH SICHER

HEAVY-DUTY HMPE ROUND SLINGS

**EXTREMELY STRONG.
IMPRESSIVELY COMPACT.
PRECISE HANDLING.**

- The loads to be moved are becoming increasingly heavy and therefore require lifting equipment that can handle them.
- Our heavy-duty round slings have been developed to combine safety, user-friendliness and outstanding performance in a single product.
- The combination of very low weight and exceptional load capacity offers a reliable and flexible solution.
- This makes heavy loads easier to move, allowing users to concentrate fully on their actual work – confident that the product they are using will perform reliably.

Areas of application

- Heavy-duty lifting operations in industry, assembly and construction
- Moving machines, transformers, turbines and wind power components
- Shipbuilding, offshore and port logistics
- Transport and positioning of precast concrete elements, steel beams and bridge components
- Power plant and plant construction

Advantages

- Extremely high load capacities up to 600 t with a safety factor of 7 – no restrictions in safety despite full load capacity
- Low dead weight compared to alternatives such as steel wire ropes or chains
- Corrosion-free – ideal for environments where steel would fail
- Cost-efficient thanks to reduced handling times



DoGiga HMPE round slings



- With HMPE core
- Cover made of
 - PES = DoGiga-P
 - HMPE = DoGiga-H
 - Cordura = DoGiga-C
- Safety factor 7
- WLL up to 600 t with SF 7
- In the style of EN 1492-2
- The PES and Cordura variants feature a special double-layer cover: The yarn core remains protected even if the outer cover is damaged.

DoGiga-P PES cover	DoGiga-H HMPE cover	DoGiga-C Cordura cover	WLL t	Recd. Ø mm	Recd. width mm	Weight approx. kg/m	Sling device thickness under load mm	Sling device width under load mm
32 – 0512 1060	32 – 0512 2060	32 – 0512 3060	60	104	104	5,10	43	109
32 – 0512 1070	32 – 0512 2070	32 – 0512 3070	70	117	117	6,10	48	121
32 – 0512 1080	32 – 0512 2080	32 – 0512 3080	80	128	128	7,25	53	135
32 – 0512 1090	32 – 0512 2090	32 – 0512 3090	90	139	139	8,05	57	146
32 – 0512 1100	32 – 0512 2100	32 – 0512 3100	100	149	149	9,20	62	158
32 – 0512 1125	32 – 0512 2125	32 – 0512 3125	125	162	162	11,0	68	173
32 – 0512 1150	32 – 0512 2150	32 – 0512 3150	150	186	186	13,40	76	195
32 – 0512 1175	32 – 0512 2175	32 – 0512 3175	175	254	209	16,00	85	217
32 – 0512 1200	32 – 0512 2200	32 – 0512 3200	200	290	218	17,00	99	228
32 – 0512 1300	32 – 0512 2300	32 – 0512 3300	300	386	290	27,30	113	288
32 – 0512 1400	32 – 0512 2400	32 – 0512 3400	400	460	346	36,50	133	339
32 – 0512 1500	32 – 0512 2500	32 – 0512 3500	500	660	396	47,30	155	396
32 – 0512 1600	32 – 0512 2600	32 – 0512 3600	600	753	452	59,00	177	452

Engineered Lifting

- With engineered lifting, the safety factor of 7 can be reduced for the specific application.
- We manufacture round slings with a reduced safety factor, which is defined and calculated by the user.
- This increases the load capacity per round sling thanks to a lower safety factor, e.g. when smaller supporting widths are required.

WLL depends on safety factor		
SF 7 t	SF 5 t	SF 3 t
60	80	140
80	110	185
100	140	230
125	175	290
150	210	350
175	245	405
200	280	465
300	420	700
400	560	930
500	700	1.150
600	840	1.400

Do you have any questions about the products?
We're happy to advise you!

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