

SAFE LIFTING.
SAFE TRANSPORT.



Secure solutions for the wind power industry

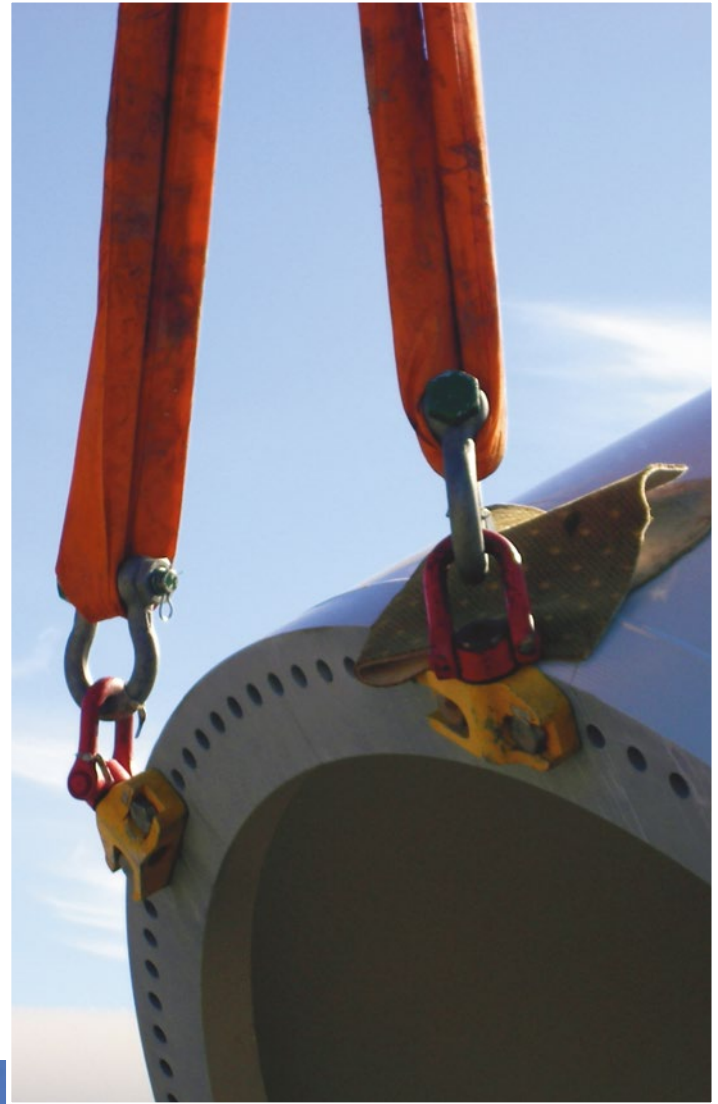
Wind power

For more than 90 years Dolezych has been a competent partner in the areas of lifting equipment, slings, ropes and load securing equipment. With more than 650 employees in Dortmund and at our international subsidiaries, you can rely on us worldwide.

This catalogue presents our safe solutions for the transportation, installation and maintenance of wind turbines. We manufacture a broad and comprehensive range of products made from steel, textile materials, or a combination of both. In addition, we design and produce customized special lifting devices tailored to your specific application requirements.

Our expertise is also reflected in our comprehensive range of services. These include individual expert consultation as well as inspection, maintenance and repair services, all available both on-site and through our mobile service teams. Furthermore, we offer training courses and seminars for competent persons at our training centers or directly at your company's site.

Our aim is to provide you with long-term support through safe products, expert advice and reliable service.



Lashing products

DoZurr 5000 with DoMulti pull ratchet

Item No.	Type of hook/end fitting variant
11 – 2651 5034	Double j hook
11 – 2651 5334	Double j hook with keeper snap
11 – 2651 5112	Forged hook with D-Ring
11 – 1651 5000	1-parted lashing strap

- Short part 0.5 m
- LC 2,500 daN
- 50 mm width
- Elongation < 5 %
- High-stretch polyester webbing
- Long tensioning handle
- Four gears



Dyneema® heavy-duty lashing strap with transmission pull ratchet (reinforced)

Item No.	Type
11 – 2650 9697	With large end hook (grade 100)

- S_{TF} 1,000 daN
- LC 10,000 daN
- 50 mm width



Textile lashing chain DoNova® PowerLash for heavy-duty securing

- An option to high-strength steel chains up to grade 120 and nominal sizes up to 16 mm
- As tear-resistant as steel chains
- Ergonomic working thanks to lower weight
- Usable lengths of 20 m and more can be handled with little effort
- Easy handling by only one person

DoNova® PowerLash
Heavy load
securement at
its best

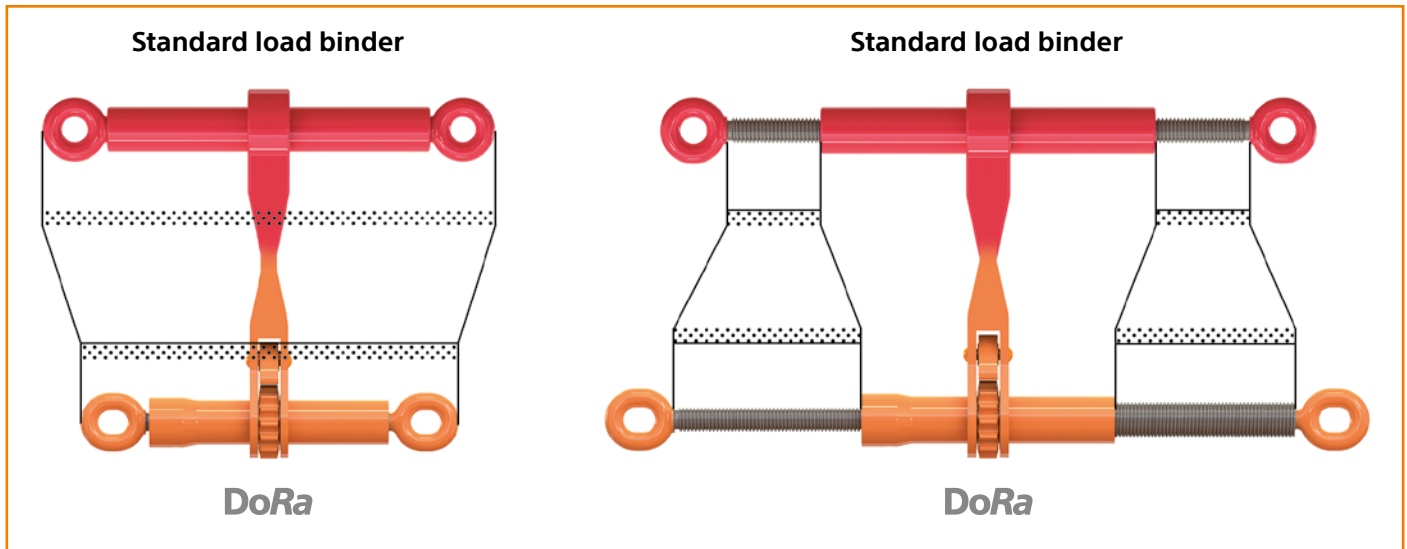
LC 10,000 -
20,000 daN



DoRa ratchet load binder

The world's largest tensioning distance

Despite the shorter overall length the tensioning distance of the DoRa is almost twice as large as that of a standard load binder.

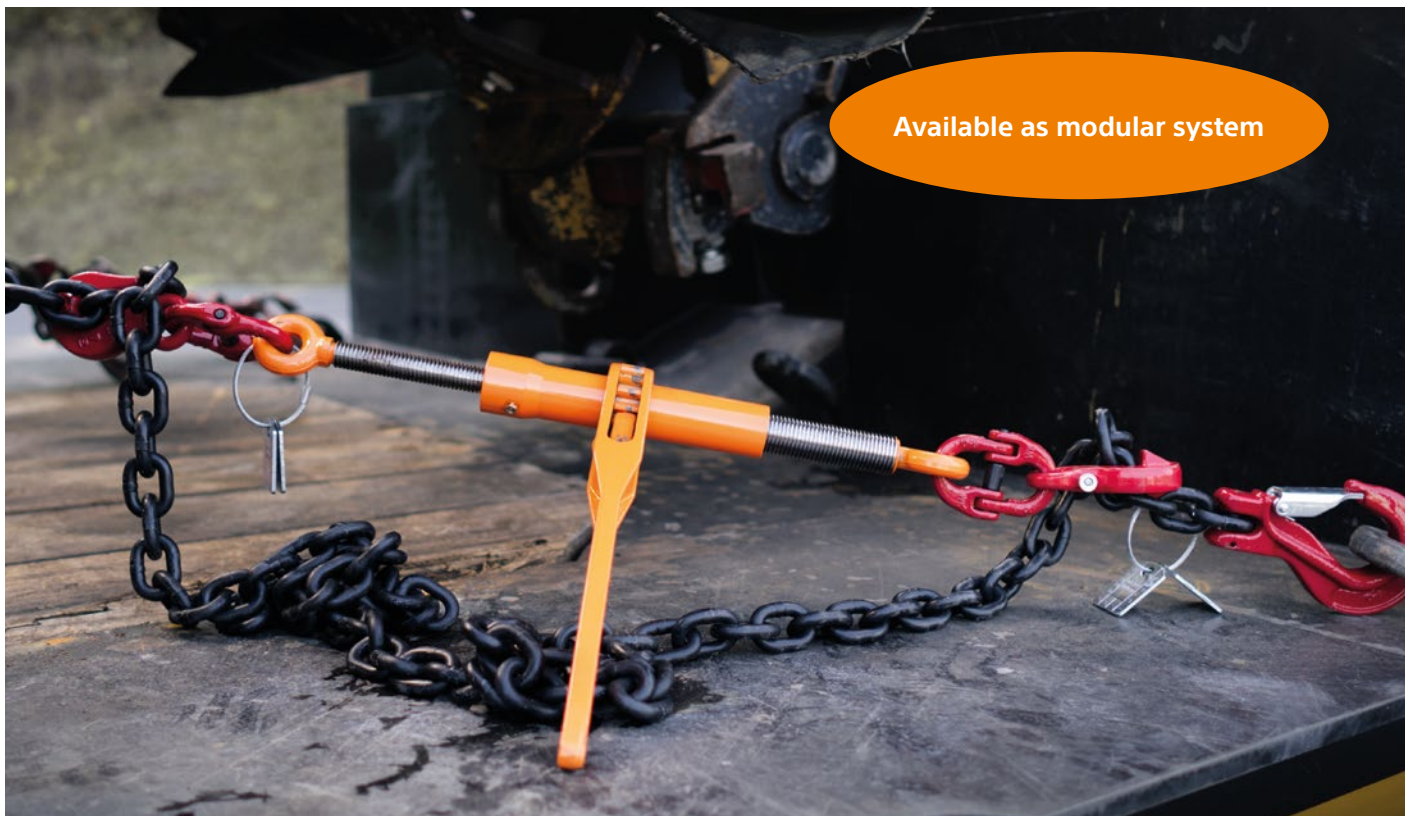


Your benefit

- Save strength
- Save time
- Small design
- Longer service life

The key feature: The telescope principle

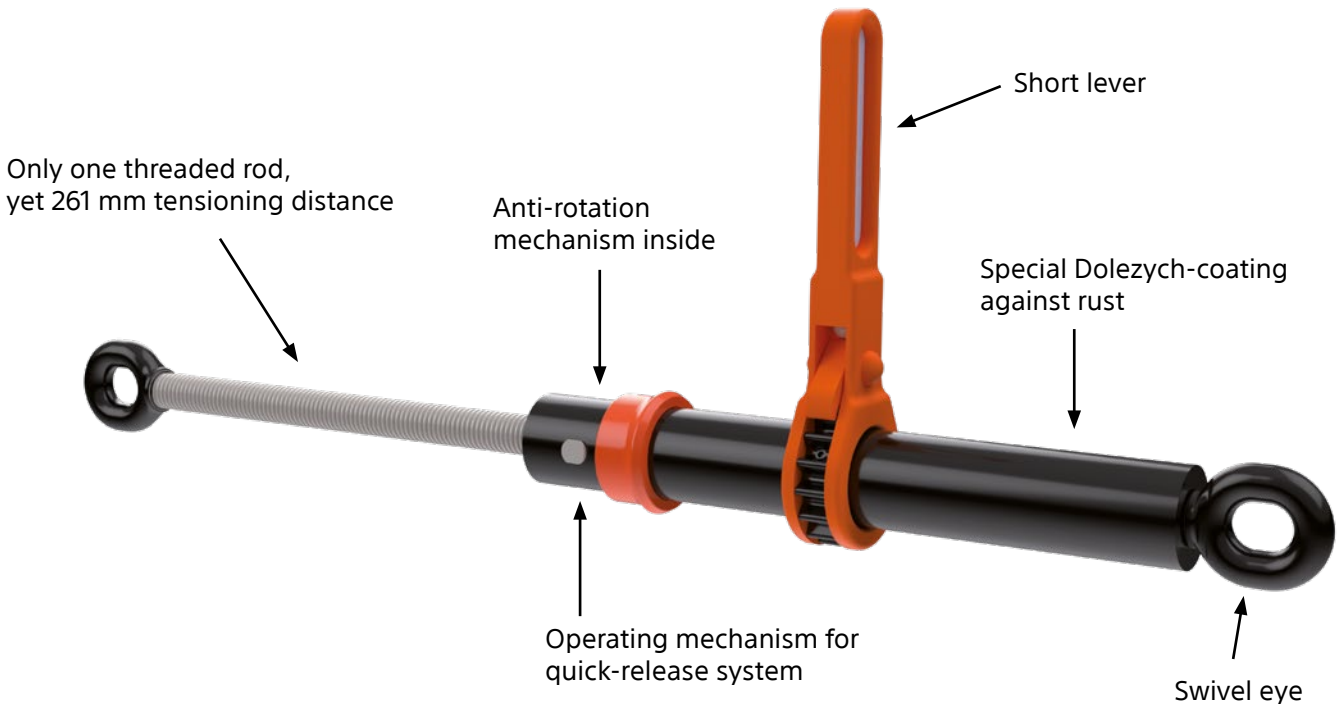
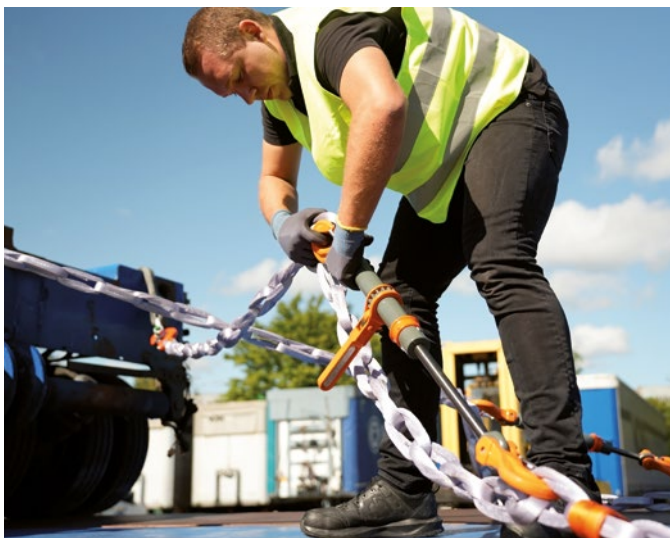
- Extremely long tensioning distance:
Threading of the smaller threaded rod into the larger threaded rod, which is hollow from the inside
- No more two threads of the same size
- Space-saving in closed condition due to spindles turned into each other and not against each other



DoQuick ratchet load binder

Characteristics

- LC up to 10,000 daN
- Tensioning distance = 261 mm
- Length L1 = 412 – 673 mm
- Weight ≈ 3.5 kg
- Special anti-corrosion coating on all components
- Exterior paint in black and orange



Saving time and energy

1. Thanks to our **patented quick release mechanism**, you will never have to unscrew the thread by hand again, but can pull it out completely in less than a second.
2. Pre-tightening also works very easily, as you can simply “push” the threaded rod into the tensioner and then tighten it effectively.

Doubled tensioning distance

Compared to a standard ratchet load binder, the DoQuick has **twice the tensioning distance**: This makes hooking the chains much less strenuous, as you do not have to pre-tighten the chain as much at the beginning.

Maximum service life

Even in rain and damp conditions, the ratchet load binder remains **rust-free for longer** thanks to the special Dolezych-coating, which also ensures that it remains **easy to operate over time**. And thanks to the specially developed anti-rotation device, threaded rods can **never be overtightened again**.

Space-saving

Due to the **very short lever**, the DoQuick can be used in a space-saving manner and can be easily stowed away when not in use.

Safely apply force

The swivel eye prevents unintentional twisting of the lashing chain – ensuring that **pretensioning forces can always be achieved**.

Webslings

We produce eye-slings made of polyester as 1-, 2- or 4-layer versions up to a WLL of 20 t. Instead of eyes we also supply a stirrup-sling version. When the eyes of eye-slings with high WLL are not suitable for the crane-hooks anymore, the stirrup-sling is the best alternative solution.



DoLex edge-protection for 4-layer eye slings on request



DoColor eye-slings, 2-layer

Item No.	WLL t, single	WLL t, double	Band width thickness mm	Eye length mm	Eye width mm	Min. length mm
31 – 0561 9602	1.0	2	30 x 7	200	30	850
31 – 0561 9652	1.0	2	50 x 6	200	25	850
31 – 0561 9622	1.5	3	65 x 6	250	35	1,150
31 – 0561 9752	2.0	4	60 x 7	300	30	1,300
31 – 0561 9762	2.0	4	75 x 6	300	25	1,300
31 – 0561 9782	3.0	6	90 x 7	350	30	1,500
31 – 0561 9792	3.0	6	140 x 6	350	50	1,600
31 – 0561 9852	4.0	8	120 x 7	425	40	1,600
31 – 0562 0002	5.0	10	150 x 7	500	50	1,900
31 – 0562 0102	6.0	12	180 x 7	550	60	2,100
31 – 0562 0202	8.0	16	240 x 7	600	80	2,300
31 – 0562 0302	10.0	20	300 x 10	750	100	2,500

DoColor eye-slings, 4-layer for heavy-duty use

Item No.	WLL t, single	WLL t, double	Band width thickness mm	Eye length mm	Eye width mm	Min. length mm
31 – 0559 0302	2	4	30 x 14	200	30	1,000
31 – 0559 0652	3	6	50 x 12	300	35	1,500
31 – 0559 0602	4	8	60 x 14	300	30	1,500
31 – 0559 0852	5	10	100 x 12	350	45	2,000
31 – 0559 0902	6	12	90 x 14	350	45	2,000
31 – 0559 1202	8	16	120 x 14	425	60	2,000
31 – 0559 1502	10	20	150 x 14	500	75	2,500
31 – 0559 1802	12	24	180 x 14	550	90	2,500
31 – 05592402	16	32	240 x 14	600	120	3,000
31 – 0559 3002	20	40	300 x 20	750	150	3,000

PES roundslings

Polyester roundslings are lifting slings that combine high load capacities with a low self-weight, making them particularly easy and flexible to use. For working load limits up to 8 t, four different tube types are available. Our premium-quality DoPremium roundsling is even available with a working load limit of up to 15 t. This allows you to select the ideal roundsling for your specific application. For even higher load capaci-

ties, we offer DoMega heavy-duty roundslings as well as heavy-duty roundslings made from high-strength HMPE fibres.

Upon request, all Dolezych products are available with RFID transponder technology. This makes it possible to identify the products clearly.



DoPremium roundslings

Item No.	WLL t, single
32 – 0514 0552	1
32 – 0514 1552	2
32 – 0514 3052	3
32 – 0514 4552	4
32 – 0514 5552	5
32 – 0514 6052	6
32 – 0514 7552	8
32 – 0514 8025	10
32 – 0514 9152	12
32 – 0514 9352	15



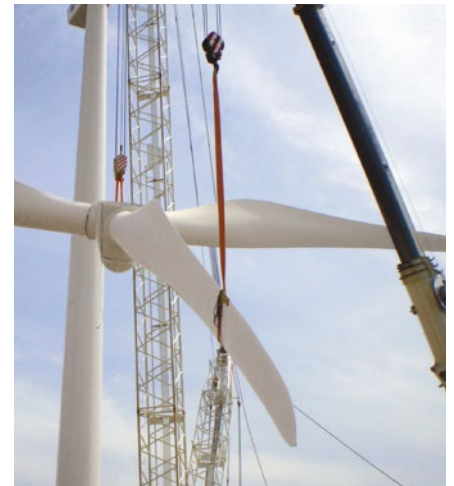
Roundslings with single cover

Item No.	WLL t, single
32 – 0514 0012	0.5
32 – 0514 0512	1.0
32 – 0514 1012*	1.5
32 – 0514 1512	2.0
32 – 0514 3012	3.0
32 – 0514 4512	4.0
32 – 0514 5512	5.0
32 – 0514 6012	6.0
32 – 0514 7512	8.0

*Based on DIN EN 1492-2



Also available as a double-layered coat



Cordura & HMPE abrasion protection with velcro-system



- With velcro system for easy and retrofit installation
- Cordura version: black
- HMPE version: white
- With Dolezych logo



Available on request with a width (when open) of up to 1,000 mm.

Item No. Cordura	Item No. HMPE	Width open mm	HMPE roundslings	
			For WLL in t single-leg (figs. 5 & 6)	For WLL in t two-leg (figs. 3 & 4)
42 – 0501 0100	42 – 0502 0100	100	–	–
42 – 0501 0120	42 – 0502 0120	120	–	–
42 – 0501 0150	42 – 0502 0150	150	8 – 10	–
42 – 0501 0180	42 – 0502 0180	180	12 – 15	–
42 – 0501 0200	42 – 0502 0200	200	–	–
42 – 0501 0250	42 – 0502 0250	250	20 – 30	8 – 10
42 – 0501 0300	42 – 0502 0300	300	–	–
42 – 0501 0350	42 – 0502 0350	350	40 – 50	12 – 15
42 – 0501 0400	42 – 0502 0400	400	–	20 – 25
42 – 0501 0450	42 – 0502 0450	450	–	–
42 – 0501 0500	42 – 0502 0500	500	–	30
42 – 0501 0550	42 – 0502 0550	550	–	40
	42 – 0502 0600	600	–	50

DoMega heavy-duty roundslings

We manufacture heavy-duty roundslings as standard from polyester and in any required working length. The advantages when lifting heavy loads are obvious: their own weight is significantly lower than that of steel chains and wire ropes. Furthermore, roundslings are gentle when handling sensitive loads.

If the loads have sharp edges, the DoMega roundslings must also be fitted with appropriate edge protection. We offer various solutions for this as well.

Item No.	WLL t	Min. length L1 m
32 – 0514 8012	10	2.0
32 – 0514 9112	12	2.0
32 – 0514 9312	15	2.0
32 – 0514 9512	20	2.0
32 – 0514 9812	25	2.0
32 – 0514 9912	30	2.0
32 – 0514 9952	35	2.0
32 – 0514 9962	40	2.0
32 – 0514 9972*	50	3.0
32 – 0514 9975*	55	4.0
32 – 0514 9932*	60	4.0
32 – 0514 9934*	65	4.0
32 – 0514 9936**	70	4.0
32 – 0514 9981**	75	4.0
32 – 0514 9942**	80	4.0
32 – 0514 9985**	85	4.0
32 – 0514 8992**	90	4.0
32 – 0514 9992**	100	4.0

*Based on EN 1492-2

**Based on EN 1492-2 & special cover is being replaced by abrasion-resistant cover with side seams



DoUltra HMPE roundsling

The ideal combination

- HMPE acts as the loading element whilst offering low weight combined with extreme tensile strength.
- The transversely elastic polyester cover forms the protective layer around the fibre. Thanks to the material's greater elasticity and the round-braided cover, it is subjected to very little stress during lifting operations – this makes the DoUltra particularly durable.

Advantages of the HMPE core

- Compact design and optimum support width: also suitable for smaller crane hooks without being squeezed.
- 60% lighter than PES roundslings (for the same nominal length and load capacity)
- Smaller volume compared to polyester
- Lower elongation compared to polyester

Advantages of the DoUltra cover

- Improved handling: Thanks to its compact design, the DoUltra fits more comfortably in the hand and is easier to guide through narrow openings or around hooks.
- Even smaller volume and therefore less space required for storage and transport compared to all other roundslings
- Longer service life: during use, the sling cover is only subjected to load at the suspension point; when freely supported, the cover is not subjected to tensile stress and is thus protected.
- No further tearing of holes
- Minimal creasing, particularly in the lacing section
- Better expansion of the yarn structure under load in the contact area

DoUltra HMPE roundsling with round-braided tube

Item No.	WLL t	Sling device-thickness under load/mm	Supporting-width under load/mm	Min. diameter mm*
32 – 0514 9408	8	11 - 14	46 - 53	28
32 – 0514 9410	10	10 - 16	46 - 58	32
32 – 0514 9412	12	10 - 16	51 - 62	35
32 – 0514 9415	15	10 - 21	65 - 81	38
32 – 0514 9420	20	14 - 23	67 - 81	45
32 – 0514 9425	25	19 - 28	77 - 82	50
32 – 0514 9430	30	23 - 31	86 - 101	57
32 – 0514 9440	40	31 - 45	86 - 108	65
32 – 0514 9450	50	32 - 45	105 - 116	75

*This is the minimum required diameter of fittings for directly attaching the roundsling.



DoGiga heavy-duty HMPE roundslings



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 DoGiga heavy-duty roundslings 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
- We offer a range of cover materials to suit different applications: from the cost-effective PES cover (DoGiga-P) to the highly abrasion-resistant Cordura version (DoGiga-C) and the HMPE cover with integrated metal yarn (DoGiga-H) for enhanced cut resistance



DoGiga heavy-duty HMPE roundslings



- 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
- Based on EN 1492-2
- A special doubled cover is used for the PES and Cordura cover: the yarn structure remains protected even if the outer cover is damaged.

DoGiga-P PES cover	Item No. 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	Supporting- 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	11.00	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 also manufacture roundslings with a reduced safety factor, which is defined and calculated by the user.
- This increases the load capacity per roundsling thanks to a lower safety factor, e.g. when smaller supporting widths are required.

Load capacity 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

Textile chain DoNova® PowerLift



DoNova® PowerLift
Lifting sensitive loads
gently

WLL up to 12.5 t
per leg

Easy lifting with DoNova® PowerLift

The idea: Replacing heavy steel chains with lightweight high-tech textile chains

Like its steel counterpart, the textile chain DoNova® is made of single chain links. What is unique is that each chain link is made of several layers of high performance webbing with Dyneema® laid in a so-called Möbius ring. This patented design creates unique advantages because DoNova® is as strong as a steel chain but with up to 85 % less weight. DoNova® PowerLift is used where quick and efficient lifting is required. Safe working has never been easier!

Textile chain DoNova® PowerLift

- An alternative to high-strength steel chains up to grade 120 and nominal sizes up to 18 mm
- As tear-resistant as steel chains
- Ergonomic working thanks to lower weight
- Easy handling by only one person
- Textile material is gentle on sensitive surfaces
- Thanks to shortening hooks: Easier to shorten than steel chains with parallel hooks

DoTEXTreme lifting slings

Textile lifting slings and grommets made of high-performance fibre (HMPE)

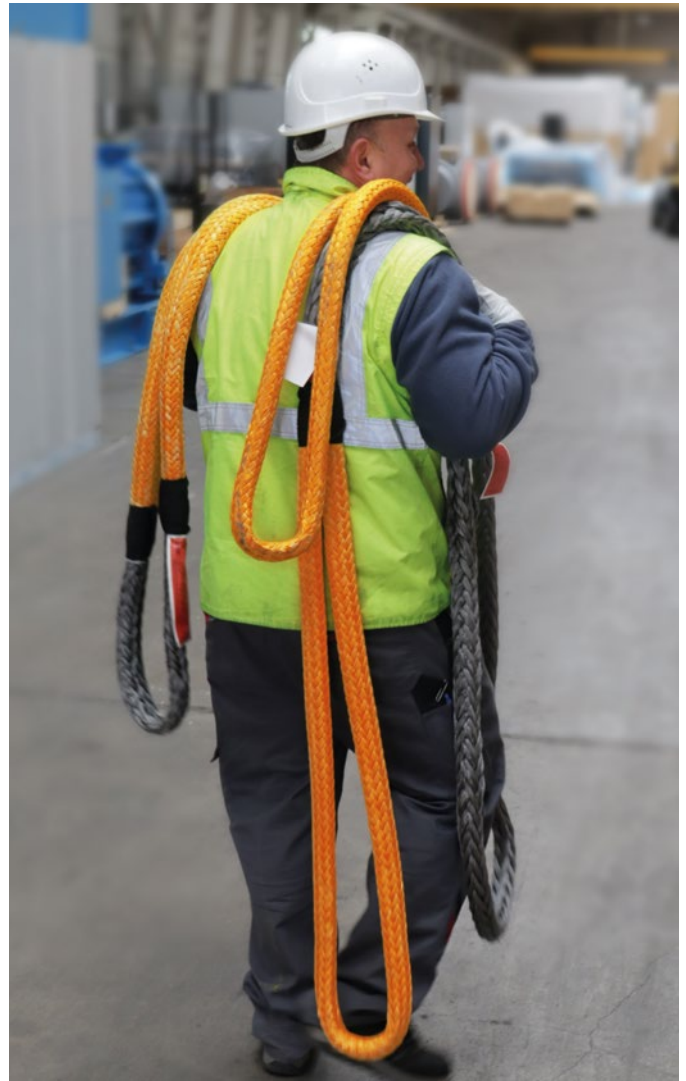
The new textile lifting slings and grommets literally offer TEXTreme advantages:

- More ergonomic working thanks to weight savings of up to 60 %
- Easy handling by only one user
- Textile material is gentle on sensitive surfaces and to hands of the user
- Low elongation < 3% to break
- Particularly abrasion resistant thanks to high performance fibre
- Chemical and seawater resistant, cannot rust
- Floatable
- Temperature resistant -40 °C to 70 °C
- UV-resistant
- Noise reducing

With our standard, the eyes are always protected with an HMPE braid! If you wish, we can also cover the entire braided rope with an additional HMPE or PES braid. We can optionally reinforce the eyes with metal thimbles.

You will find an excerpt of our DoTEXTreme product range on this page. Our standard portfolio includes all rope diameters from 16 mm to 120 mm in all designs.

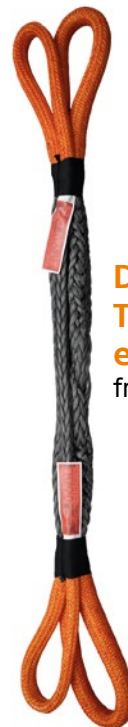
Simply ask for the required WLL and desired length. We will be happy to advise you which design is most efficient for your application!



**DoTEXTreme
Textile lifting sling**
from 4,9 to 104 t



**DoTEXTreme
Textile grommet,
eye on both sides**
from 10,4 to 185,3 t*



**DoTEXTreme
Textile double grommet,
eye on both sides**
from 11,8 to 370,7 t*

* Also available as grommet without eyes

Lifting mats



Advantages

- Higher load capacities with higher contact surface on the load
- Optimum load support for bar-shaped loads or generally sensitive loads (e.g. rollers)

Processing

DoForce1-roundslings and web slings are sewn together into a mat using wide polyester webbing. Processing is done based on DIN EN 1492-1 resp. -2.



Lifting-mat (made of roundslings)

Item No.	WLL t, single	WLL t, double	Standard mat width mm
33 – 0514 2562	2	4	200
33 – 0514 3562	3	6	200
33 – 0514 4562	4	8	300
33 – 0514 5562	5	10	300
33 – 0514 6062	6	12	400
33 – 0514 7562	8	16	400
33 – 0514 8062	10	20	500
33 – 0514 9162	12	24	600
33 – 0514 9362	15	30	600
33 – 0514 9562	20	40	750
33 – 0514 9862	25	50	750
33 – 0514 9872	30	60	900
33 – 0514 9882	40	80	900



Lifting-mat (made of bandsling)

Item No.	WLL t, single	WLL t, double	Bandwidth of belt slings mm	Standard mat width mm
33 – 0540 2102	1.0	2	30	200
33 – 0540 2182	1.5	3	50	250
33 – 0540 2216	2.0	4	60	300
33 – 0540 2262	2.5	5	75	300
33 – 0540 2282	3.0	6	90	400
33 – 0540 2272	3.5	7	100	500
33 – 0540 2301	4.0	8	120	600

High tensile shackles

Shackle high-tensile, type A, bow-type, with eye-bolt

Item No.	WLL t
69 - 0320 7003	0.33
69 - 0320 7005	0.50
69 - 0320 7007	0.75
69 - 0320 7010	1.00
69 - 0320 7015	1.50
69 - 0320 7020	2.00
69 - 0320 7032	3.25
69 - 0320 7047	4.75
69 - 0320 7065	6.50
69 - 0320 7085	8.50
69 - 0320 7095	9.50
69 - 0320 7120	12.00
69 - 0320 7135	13.50
69 - 0320 7170	17.00
69 - 0320 7250	25.00
69 - 0320 7350	35.00
69 - 0320 7425	42.50
69 - 0320 7500	55.00



Shackle high-tensile, type C, bow-type, with bolt, nut and pin

Item No.	WLL t
69 - 0320 9005	0.50
69 - 0320 9007	0.75
69 - 0320 9010	1.00
69 - 0320 9015	1.50
69 - 0320 9020	2.00
69 - 0320 9032	3.25
69 - 0320 9047	4.75
69 - 0320 9065	6.50
69 - 0320 9085	8.50
69 - 0320 9095	9.50
69 - 0320 9120	12.00
69 - 0320 9135	13.50
69 - 0320 9170	17.00
69 - 0320 9250	25.00
69 - 0320 9350	35.00
69 - 0320 9425	42.50
69 - 0320 9500	55.00
69 - 0320 9850	85.00



Green Pin® wide-opening with bolt, nut and pin

Item No.	WLL t
69 - 0329 9304	4.75
69 - 0329 9306	6.50
69 - 0329 9308	8.50
69 - 0329 9309	9.50
69 - 0329 9312	12.00
69 - 0329 9316	16.00
69 - 0329 9325	25.00
69 - 0329 9330	30.00
69 - 0329 9355	55.00
69 - 0329 9375	75.00



Shackle „wide body“ with wider range in shackle bow

Item No.	WLL t
69 - 0321 9007	7.00
69 - 0321 9012	12.50
69 - 0321 9018	18.00
69 - 0321 9030	30.00
69 - 0321 9040	40.00
69 - 0321 9055	55.00
69 - 0321 9075	75.00
69 - 0321 9125	125.00
69 - 0321 9150	150.00
69 - 0321 9200	200.00
69 - 0321 9250	250.00
69 - 0321 9300	300.00
69 - 0321 9400	400.00
69 - 0321 9500	500.00
69 - 0321 9600	600.00
69 - 0321 9700	700.00
69 - 0321 9800	800.00
69 - 0321 9900	900.00
69 - 0321 9010	1,000.00
69 - 0321 9112	1,250.00
69 - 0321 9155	1,550.00



DLR rotating load ring grade 100



- Part of our DLR lifting point family
- DLR = Dolezych Load Rings
- Dolezych marking & quality
- Metric thread according to DIN 13-1
- Always in stock

Marking with screw grade, thread size, tightening torque (from size M 20) and load capacity

Captive screw cannot be lost

Screw with "black oxide coating" (galvanization with additional oxide layer) for enhanced corrosion resistance

Minimum overall dimensions

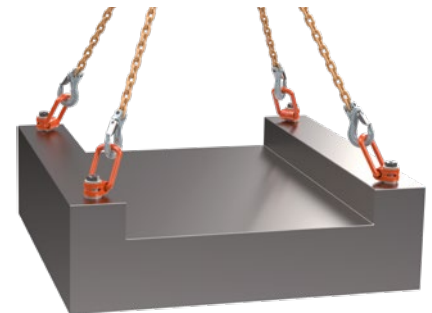
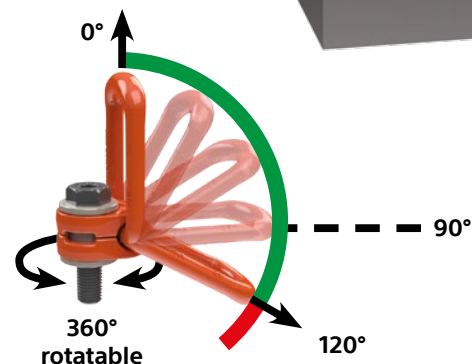
Due to their design, these DLRs have a very low overall height. This is because the load bracket is positioned on the side (asymmetric). The DLR rotating load ring offers the same load capacity at 0° and at 90°!

Negative inclination angle – up to 120° or 30° in the negative range

The special feature: The DLR rotating load ring can also be used at an inclination angle of less than 90°. At 120° they maintain the same load capacity as at 90°.

Alignable in the direction of lifting

The DLR rotating load ring can be rotated to align it into the correct position before lifting. This makes them ideal for multi-leg lifting! A spring allows the bracket to stop in any position.



DLR rotating load ring with custom thread length with nut and washer

Thread D mm	Thread length L mm		Load capacity 1 leg in t 0° & 90°	Torque Nm
	min.	max.		
M 8	8	100	0.30	30
M 10	10	125	0.63	60
M 12	12	125	1.00	100
M 16	16	175	1.50	150
M 20	20	200	2.50	250
M 24	24	250	4.00	400
M 30	30	300	5.00	500
M 36	36	350	8.00	800
M 48	48	300	20.00	2,000



All dimensions, with the exception of the thread length L, are identical to those of the DLR rotating load ring with a standard thread length.



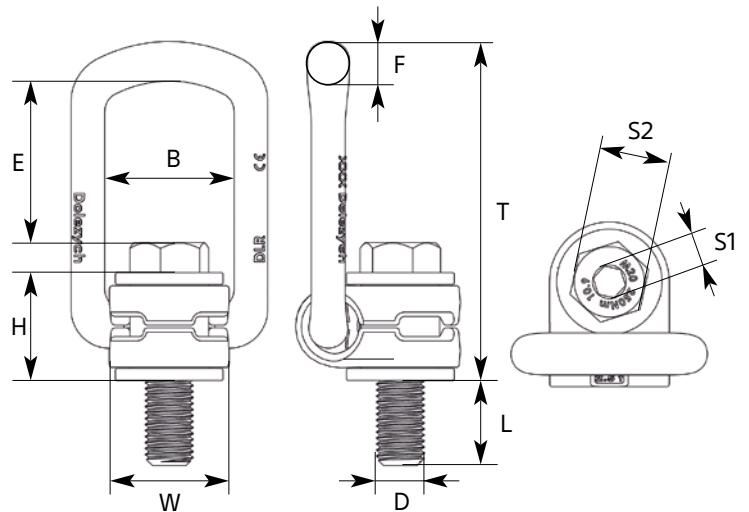
When placing your order, please specify the desired length (L) of the thread. Please use the item number for the standard.

DLR rotating load ring grade 100



Standard version

Special version
with individual
thread length



Item No.	Thread D x L mm	Thread length L mm		Load capacity 1-leg t 0° & 90°	Torque Nm	Dimensions mm								Weight approx. kg
		min.	max.			T	B	F	W	E	H	S1	S2	
62 – 5926 2008	M 8 x 10	8	100	0.30	30					44.5	34	6	13	0.20
62 – 5926 2010	M 10 x 16	10	125	0.63	60					43.5	34	8	16	0.30
62 – 5926 2012	M 12 x 18	12	125	1.00	100	98	37.5	13	33	41	36	8	19	0.50
62 – 5926 2016	M 16 x 24	16	175	1.50	150					39	36	10	24	0.50
62 – 5926 2020	M 20 x 35.5	20	200	2.50	250	142	54	17.5	50	68	45	12	30	1.30
62 – 5926 2024	M 24 x 35.5	24	250	4.00	400					68	45	14	36	1.40
62 – 5926 2030	M 30 x 49.2	30	300	5.00	500	169	65	21.5	60	65	62	17	45	3.10
62 – 5926 2037	M 36 x 62	36	350	8.00	800	225	85	26.5	77	96	78	22	55	5.80
62 – 5926 2042	M 42 x 72	–	–	10.00	1,000	224	85	27.5	77	96	78	24	65	6.30
62 – 5926 2043	M 42 x 63	–	–	15.00	1,500	261	104	36	95	139	90	24	65	10.90
62 – 5926 2048	M 48 x 72	48	300	20.00	2,000	260	104	36	95	139	90	27.5	86	11.60



All special versions have an individual thread length. Please specify this when ordering.
Only the special versions are supplied with a nut and washer as standard.

Thread	WLL t vertical load				WLL t when load is less than			
	1-leg 0°	2-legs 0°	1-leg 90°	2-legs 90°	2-legs 0° – 45°	2-legs 45° – 60°	3-/4-legs 0° – 45°	3-/4-legs 45° – 60°
M 8	0.30	0.60	0.30	0.60	0.42	0.30	0.63	0.45
M 10	0.63	1.26	0.63	1.26	0.88	0.63	1.32	0.95
M 12	1.00	2.00	1.00	2.00	1.40	1.00	2.10	1.50
M 16	1.50	3.00	1.50	3.00	2.10	1.50	3.15	2.25
M 20	2.50	5.00	2.50	5.00	3.50	2.50	5.25	3.75
M 24	4.00	8.00	4.00	8.00	5.60	4.00	8.40	6.00
M 30	5.00	10.00	5.00	10.00	7.00	5.00	10.50	7.50
M 36	8.00	16.00	8.00	16.00	11.20	8.00	16.80	12.00
M 42 (10t)	10.00	20.00	10.00	20.00	14.00	10.00	21.00	15.00
M 42 (15t)	15.00	30.00	15.00	30.00	21.00	15.00	31.50	22.50
M 48	20.00	40.00	20.00	40.00	28.00	20.00	42.00	30.00

DoTwist sling swivels



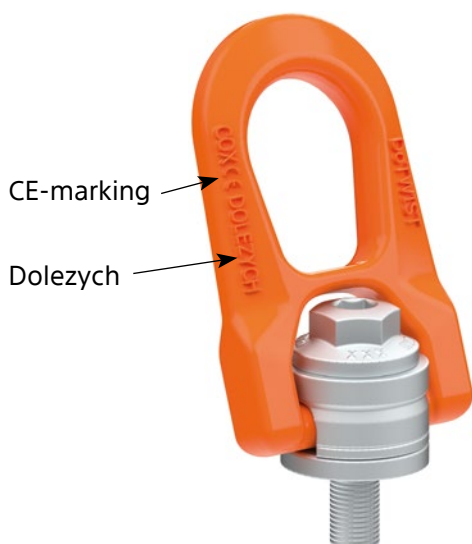
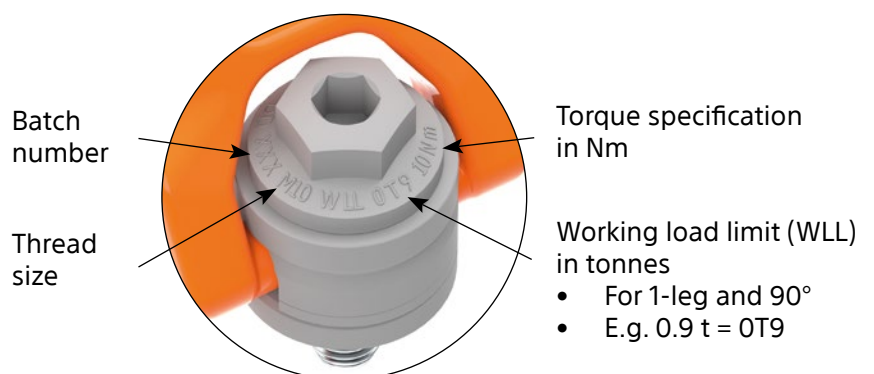
- Suitable for lifting and rotating loads
- For any type of lifting operation (straight pull, with lifting angle, tilting, turning)
- Approved for inclination angle from 0° to 90°
- With Dolezych labelling (DD)
 - DD means tested, standard-compliant Dolezych brand quality.

Advantages

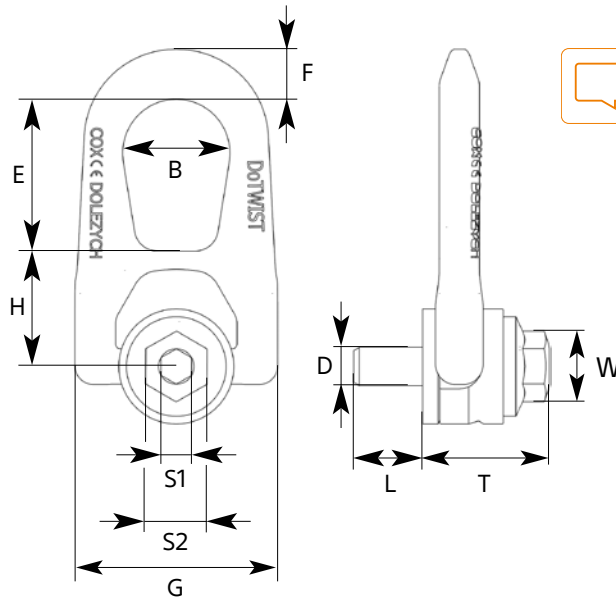
- The material has a higher strength than components of grade 80:
 - Meets the requirements of DIN EN 1677-1
 - On average, 23 % higher load capacity compared to grade 80 with a safety factor of 4
- Anti-corrosion coating: proven corrosion resistance through 600-hour salt spray test
- Higher load capacity in diagonal pull
- Long service life of the bearing

Optional on request

- Integrated RFID chip
- Additional engraving of the lashing capacity (LC) in daN
- Manufactured in accordance with ASME B30.26, but with a safety factor of 5
- Other threads, but with a safety factor of 5:
 - Other standard metric threads
 - Longer metric threads up to 300 mm
 - Metric fine thread
 - UNC threads 1/4" to 1 1/4"



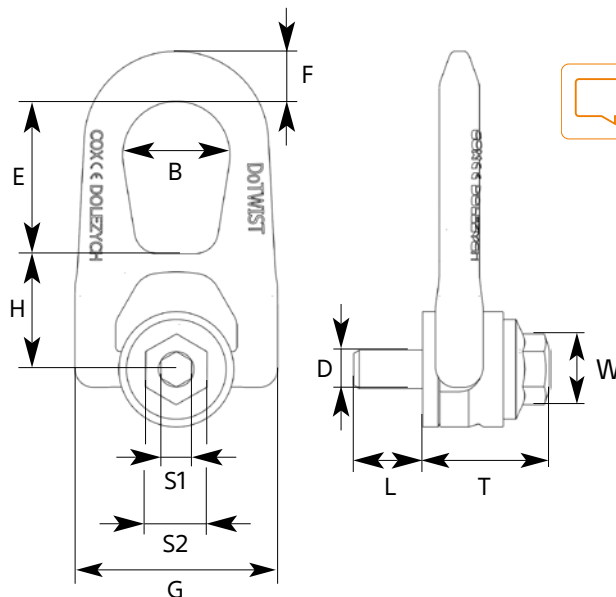
DoTwist sling swivels



Thread sizes up to M 30 and load capacities at 0° of up to 6.3 t available on request.

DoTwist sling swivels with safety factor 4

Item no.	Threads D x L mm	Load capacity 1-leg t		Torque Nm	Dimensions mm								Weight approx. kg	
		0°	90°		T	B	E	F	G	H	W	S1		S2
62 – 0961 4008	M 8 x 15	1.0	0.5	6										
62 – 0961 4010	M 10 x 18	1.5	0.9	10	33	27	38	14	53	30	30	8	16	0.3
62 – 0961 4012	M 12 x 21	1.5	1.3	15										
62 – 0961 4016	M 16 x 27	2.8	2.3	50	45	38	53	17	76	40	45	8	20	0.9
62 – 0961 4020	M 20 x 30	2.8	2.5	100										



All standard threaded inserts – from imperial to metric threads (e.g. fine threads) and UNC threads – up to a length of 300 mm are available on request.

DoTwist sling swivels with safety factor 5

Item no.	Threads D x L mm	Load capacity 1-leg t		Torque Nm	Dimensions mm										Weight approx. kg
		0°	90°		T	B	E	F	G	H	W	S1	S2		
62 – 0961 5022	M 22 x 33	5.5	3.5	120											
62 – 0961 5024	M 24 x 36	6.0	4.4	160	62	55	83	25	115	55	60	14	24	2.7	
62 – 0961 5027	M 27 x 40	6.0	5.7	200											
62 – 0961 5030	M 30 x 45	6.3	6.0	250											

Hoists

The brand name "BlackSeries" represents GS-approved lever and spur gear block and tackle "made by Dolezych".

Lever hoists

Thanks to their low weight and compact dimensions, lever hoists are an ideal tool for assembly work. They are used for tensioning, lifting and pulling in any position and in any direction. These lever hoists are supplied as standard with a 1.5 m load chain, high-strength in accordance with DIN EN 818-7. A load-activated brake holds the chain absolutely securely in any position. The upper and lower hooks are fitted with safety latches. A release lever allows the chain to be pulled through quickly when unloaded.

BlackSeries lever hoist

Item No.	WLL t
96 - 0898 9807	0.75
96 - 0898 9815	1.50
96 - 0898 9830	3.00
96 - 0898 9860	6.00
96 - 0898 9890	9.00



Chain hoists

Chain hoists can be used in nearly unlimited applications. They are solid and reliable. This makes them ideal for moving and positioning heavy loads.

BlackSeries chain hoist

Item No.	WLL t
96 - 0898 9905	0.50
96 - 0898 9910	1.00
96 - 0898 9920	2.00
96 - 0898 9930	3.00
96 - 0898 9950	5.00
96 - 0898 9999	10.00
96 - 0898 9995	15.00
96 - 0898 9880	20.00



Mini-Series compact lever hoist

Item No.	WLL t
96 - 0898 9873	0.25
96 - 0898 9875	0.50



DoKett10



The new grade 100 components up to nominal size 22 are supplied in combination with our tried-and-tested grade 100 chain and offer around 25% more load capacity than comparable grade 80 systems – for the same nominal size. Thanks to the modular system, the chains can be flexibly assembled into various lifting chain systems and, on request, combined with other lifting accessories. The system's high temperature resistance makes it suitable even for the most demanding applications. The entire DoKett10 range is in stock in Dortmund and is available for immediate delivery with a wide variety of end fittings and shortening links.

Characteristics

- Round steel chain in accordance with DIN EN 818-4
- Manufacturing and testing requirements for components comply with DIN EN 1677-1
- All components are marked DD
 - DD means tested, standard-compliant Dolezych quality.
- Marked with a 10-sided load capacity tag and test label
- Wide range of possible combinations of chain sizes from 6 mm to 22 mm
- Operating temperature range -40 °C to +380 °C
Note: loss of working load limit from +200 °C onwards
200 °C to 300 °C = 90 % WLL
300 °C to 380 °C = 75 % WLL

Advantages

- +25 % higher load capacity than grade 80 systems
- Greater durability under dynamic loads
- Reduced wear thanks to a harder material
- Temperature-resistant from -40 °C to +380 °C
- Combinations of 1- to 4-leg, ring, sling, adapter and hook chains are possible



To help reduce costs, our DoKett10G product range offers chains suitable for use at temperatures of up to 200 °C. Please contact us.

DoKett10 modular system



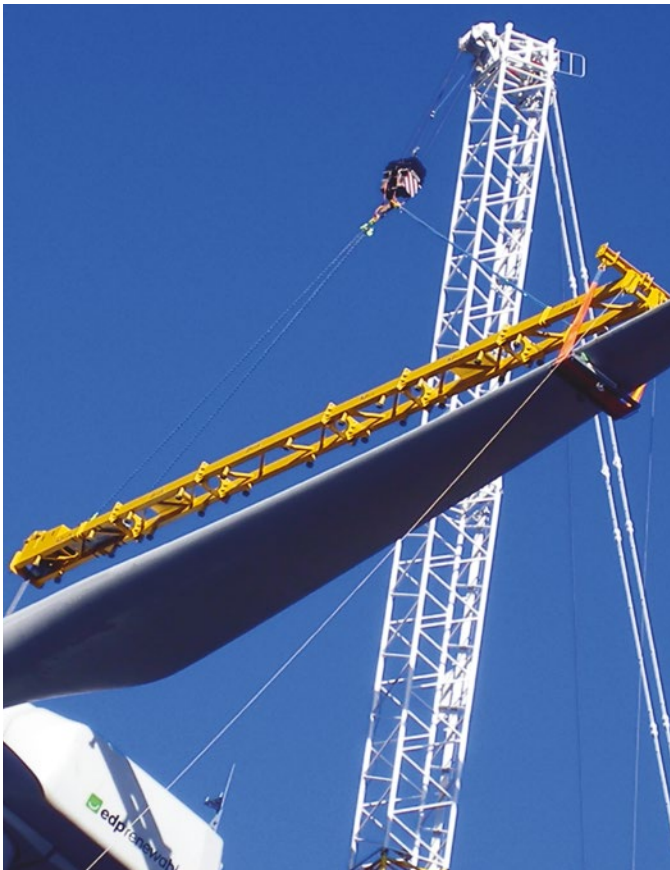
DoKett10-
lifting chains can be
assembled with various
suspension and coupling
links, suspension kits,
shortening clamps and
hooks.

Load capacities

The WLL is given in tons (t) in the table below.

	1-leg		2-leg		3- & 4-leg		Wreath chain-sling	
								
Nominal size mm	0°	0°–45°	45°–60°	0°–45°	45°–60°	0°–45°	0°–45°	
Factor*	1	1.4	1	2.1	1.5	1.4	2.1	
6–10	1.40	2.00	1.40	3.00	2.12	2.00	3.00	
8–10	2.50	3.55	2.50	5.30	3.75	3.55	5.30	
10–10	4.00	5.60	4.00	8.40	6.00	5.60	8.40	
13–10	6.70	9.50	6.70	14.00	10.00	9.50	14.00	
16–10	10.00	14.00	10.00	21.20	15.00	14.00	21.20	
20–10	16.00	22.40	16.00	33.60	24.00	22.40	33.60	
22–10	19.00	26.50	19.00	40.00	28.00	26.50	40.00	

*The stated total load capacity of the suspension system is calculated by leg by the relevant load factor.



Special tasks require special solutions

Here, too, we have positioned ourselves broadly so that we can find a solution for your requirements. This is required when a general-purpose lifting product is not economically viable or technically practical. We will be happy to advise you when it comes to customized hoist fabrications for your lifting operation.

Our special service

- Project support and consultation by our sales team in close cooperation with our engineering team
- Customer-specific solutions tailored to individual requirements
- Engineering design and development of a safe and user-friendly solution by our engineering team
- Development and manufacturing in Dortmund

On request, we can also carry out maintenance and inspections on your lifting equipment.



Dolezych GmbH & Co. KG
Hartmannstraße 8
44147 Dortmund, Germany
info@dolezych.de
www.dolezych.de/en

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Purchase options worldwide

Dolezych Sp z o.o
ul. Koszykowa 1B
PL – 40760 Katowice / Poland
www.dolezych.pl
info@dolezych.pl

Doleco USA Inc.
290 Pratt St. Meriden
CT 06450 USA
www.doleco-usa.com
sales@doleco-usa.com

Dolezych France BeNeLux
Hauptstrooss 76
L-9753 Heinerscheid
Luxembourg
info@dolezych.lu

Industrial Dolezych Chile Ltda.
Los Arrayanes 400
Pan. Nor. km 18, Colina RCH –
Santiago / Chile
www.dolezych-chile.cl
info@dolezych-chile.cl

Dolezych Türkiye
Çerkeşli Mahallesi,
Uzuntarla Sokak 17A
TR - Dilovası / Kocaeli 41455
www.dolezych.com.tr
info@dolezych.com.tr

Doleco Kunshan
Lifting and Lashing Ltd.
No.1155 South Gucheng Road,
Nangang, Kunshan City
Jiangsu Province, 215326,
P.R.China www.dolecocn.cn
export@dolecocn.cn

Dolezych Middle East
Lifting and Lashing Equipment
Trading FZE,
Jebel Ali Freezone,
Dubai / United Arab Emirates
info@dolezych.ae