

CHAIN



Applications

Green Pin® grade 8 and grade 10 steel chain can be used for lifting. Green Pin Tycan® Chain is available as lifting and lashing chain. Short link and long link commercial grade 3 chain is for general purpose use and may not be used for lifting purposes.

Range

Green Pin® supplies a wide range of chain. The range of grade 8 chain extends from 6 mm to 32 mm (1/4" to 1 1/4"). The range of grade 10 chain extends from 6 mm to 20 mm (7/32" to 3/4"). Green Pin Tycan® Lifting and Lashing Chain is available in sizes 11x15 mm, 11x20 mm, 15x25 mm and 13x30 mm. To complement the Green Pin® assortment, Van Beest also supplies chain to DIN 763 and DIN 766 ranging from 3 up to 20 mm.

Design

Grade 8 chain conforms to EN 818-2 and is made from alloy steel. Grade 10 chain is made from alloy steel as well. Green Pin Tycan® Chain is made from 100% Dyneema® Fibre. Other chain supplied by Green Pin® generally follows DIN 763 (for long link chain) or DIN 766 (for short link chain). It is made of grade 3 mild steel. These types of chain are not suitable for lifting purposes.

Finish

Both grade 8 and grade 10 steel chain are painted. Steel chain (DIN 763 and DIN 766) is available in self coloured, electro-galvanized or hot dipped galvanized condition.

Instructions for use

DIN 766 and DIN 763 chain should be inspected before use to ensure that it is free from nicks, gouges and cracks.

Also:

- DIN 766 and DIN 763 chain may not be used for lifting purposes;
- the chain is designed for in-line use only;
- the chain may not be heat treated, as this may affect performance.

Grade 8 and grade 10 chain should be inspected before use to ensure that:

- the chain is free from nicks, gouges and cracks;
- the item is not distorted or unduly worn.

Also:

- the chain may not be heat treated, as this may affect the performance;
- all components of the sling must be of the same steel grade;
- items should be used for in-line lifting only.

INFO

For complete Green Pin Tycan® Lifting and Lashing Chain instructions, please refer to the user manuals in the FAQ section on our website.

Chain must be regularly inspected in accordance with the safety standards given in the country of use. This is required because the products in use may be affected by issues such as wear, misuse, and overloading, which may lead to deformation and alteration of the material structure. Inspection should take place at least every six months and more frequently when the chain is used in severe operating conditions.



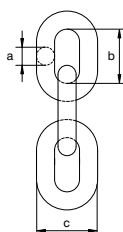
Green Pin® Lifting Chain EN818-2 GR8

Grade 8 lifting chain

- **Material:** alloy steel, grade 8, quenched and tempered
- **Safety factor:** MBL equals 4 x WLL
- **Standard :** EN 818-2
- **Finish:** painted black
- **Temperature range:** -40°C up to 200°C
- **Certification:** [2.1](#) [2.2](#) [3.1](#) [MTC^b](#) [DGUV](#)



CHAIN



diameter		working load limit	length inside	width outside	links per meter	length per drum	weight per meter
a							
mm	inch	mm	mm	m	kg		
6	7/32	1.12	18	22	55.56	600	0.78
7	1/4	1.5	21	26	47.62	500	1.14
8	5/16	2	24	30	41.67	350	1.5
10	3/8	3.15	30	36	33.33	250	2.27
13	1/2	5.3	39	47	25.64	150	3.74
16	5/8	8	48	58	20.83	100	5.54
20	3/4	12.5	60	72	16.67	60	8.94
22	7/8	15	66	79	15.15	50	11.57
26	1	21.2	78	93	12.82	30	15.26
32	1 1/4	31.5	96	112	10.42	50	22.61



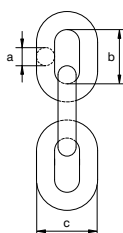
Green Pin® Lifting Chain GR10

Grade 10 lifting chain

- **Material:** alloy steel, grade 10, quenched and tempered
- **Safety factor:** MBL equals 4 x WLL
- **Finish:** painted blue
- **Temperature range:** -40°C up to 200°C
- **Certification:** [2.1](#) [2.2](#) [3.1](#) [MTC^b](#)



UCHAIN



diameter		working load limit	length inside	width outside	links per meter	length per drum	weight per meter
a							
mm	inch	mm	mm	m	kg		
6	7/32	1.4	18	22	55.56	200	0.8
8	5/16	2.5	24	30	41.67	200	1.5
10	3/8	4	30	36	33.33	200	2.3
13	1/2	6.7	39	48	25.64	100	3.9
16	5/8	10	48	58	20.83	100	5.8
20	3/4	16	60	72	16.67	50	8.9



Green Pin Tycan® Lifting Chain

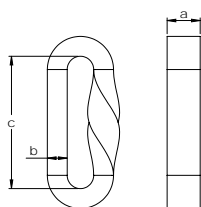
Lifting chain made from Dyneema®

- **Material:** made from 100% Dyneema®; layers of webbing in a Mobius twist with stitching on each side
- **Safety factor:** MBL equals 4 x WLL
- **Temperature range:** -40°C to +70°C
- **Certification:** 2.1 2.2 MTC^b DNV GL TQ CE



link size	working load limit	width link	thickness link	length inside	links per meter	elongation at MBL	weight per meter	layers
mm	t	a mm	b mm	c mm		%	kg	
11x15	2.6	15	11	100	10	5	0.32	6
11x20	4	20	11	100	10	5	0.47	6
15x25	5	25	15	100	10	5	0.58	8
13x30	6.8	30	13	125	8	5	0.75	7

FCHLIFT



In inch

link size	working load limit	width link	thickness link	length inside	links per meter	elongation at MBL	weight per meter	layers
inch	t	a inch	b inch	c inch		%	lbs	
7/16 X 19/32	2.6	19/32	7/16	4	10	5	0.70	6
7/16 X 25/32	4	25/32	7/16	4	10	5	1.04	6
19/32 X 1	5	1	19/32	4	10	5	1.28	8
1/2 X 1 3/16	6.8	1 3/16	1/2	4 59/64	8	5	1.65	7

INFO



Green Pin Tycan® Lashing Chain

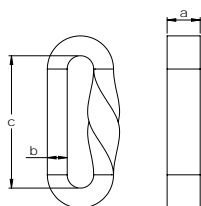
Lashing chain made from Dyneema®

- **Material:** made from 100% Dyneema®; layers of webbing in a Mobius twist with stitching on each side
- **Safety Factor:** MBL equals 2 x Lashing Capacity
- **Temperature range:** -60°C to +70°C
- **Certification:** 2.1 2.2 MTC^b DNV GL TQ CE



link size	lashing capacity	width link	thickness link	length inside	links per meter	elongation at MBL	weight per meter	layers
mm	t	a mm	b mm	c mm		%	kg	
15x25	10	25	15	100	10	5	0.58	8

FCHLASH



In inch

link size	lashing capacity	width link	thickness link	length inside	links per meter	elongation at MBL	weight per meter	layers
inch	t	a inch	b inch	c inch		%	lbs	
19/32 X 1	10	1	19/32	4	10	5	1.28	8

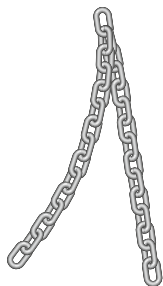
INFO

C

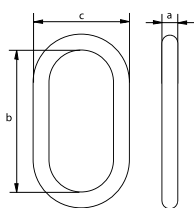
Short link chain

Generally to DIN 766 and DIN 5685-3, commercial quality

- **Material:** mild steel, grade 3
- **Standard:** generally to DIN 766 and DIN 5685-3
- **Finish:** electro-galvanized or hot dipped galvanized
- **Certification:** 2.1
- **Note:** not to be used for lifting applications!



E-7661
G-7662



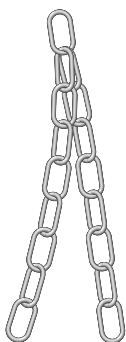
diameter	length inside	length outside	weight per meter
a mm	b mm	c mm	kg
3	16	11	0.17
4	16	14	0.32
5	18.5	17	0.5
6	18.5	20	0.75
7	22	23	1
8	24	26	1.35
9	27	30	1.8
10	28	34	2.25
11	31	36	2.7
13	36	44	3.8
16	45	54	5.8
18	50	60	7.3

C

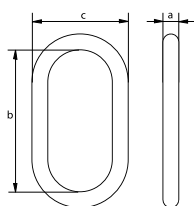
Long link chain

Generally to DIN 763 and DIN 5685-1, commercial quality

- **Material:** mild steel, grade 3
- **Standard:** generally to DIN 763 and DIN 5685-1
- **Finish:** electro-galvanized or hot dipped galvanized
- **Certification:** 2.1
- **Note:** not to be used for lifting applications!



E-7631
G-7632



diameter	length inside	length outside	weight per meter
a mm	b mm	c mm	kg
3	26	13	0.14
4	32	16	0.27
5	36	20	0.43
6	42	24	0.63
7	48	28	0.86
8	54	32	1.10
10	66	40	1.75
13	82	50	2.95
16	100	60	4.45