



Applications

Connecting links are used in the manufacturing of chain slings. Master links and master link assemblies are used in the manufacturing of 1, 2, 3 and 4-leg slings.

Range

Van Beest supplies a range of connecting links for chain diameter 6-32 mm, as well as a range of master links and master link assemblies.

DNV master links are DNV type approved to certification note 2.7-1, lifting sets for offshore containers, certification no. S-7732.

Van Beest can also offer other types of links in grade 8, grade 10 and stainless steel. Please refer to the EXCEL® section in this catalogue for more information.

Design

Connecting links are supplied unassembled, ready for immediate use. The assembly of the parts is a quick and easy job.

MS master links (up to 37 t) and type MTS master link assemblies (up to 50 t) are supplied with a flat part for easy connection of the master link to the sling.

All master links and connecting links are suitable for lifting purposes.

Connecting links and master links are generally marked with:

- | | |
|-------------------------|--------------------|
| - manufacturer's symbol | ■ e.g. GP or EXCEL |
| - size in mm | ■ e.g. 13 |
| - traceability code | ■ e.g. HA |
| - steel grade | ■ e.g. 8 |

DNV master links are designed for use in lifting sets for offshore containers

Finish

All master links and connecting links are painted.

Certification

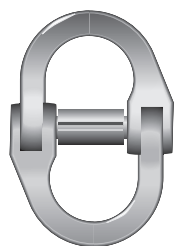
Specific details of certificate availability can be found on each product page. Please verify your certification requirements with Van Beest at time of order.

Instructions for use

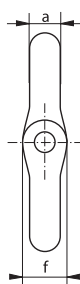
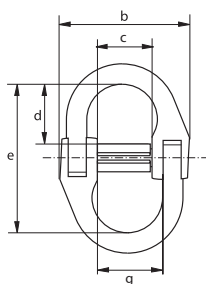
Connecting links, master links and master link assemblies should be inspected before use to ensure that:

- all markings are legible;
- the link and the assemblies are both made of the same steel grade;
- a link with the correct WLL has been selected with respect to the sling design. For further details we refer to EN 818 standard for Chain Slings;
- during the assembly of connecting links, we advise the use of a lubricant on the pin;
- the pin, bush or any other locking system cannot vibrate out of position;
- links, assemblies and connecting links are free from nicks, gouges and cracks;
- links, assemblies and connecting links may not be heat treated as this may affect their Working Load Limit.

Master links, master link assemblies and connecting links 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 wear, misuse, overloading etc. 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 links are used in severe operating conditions.



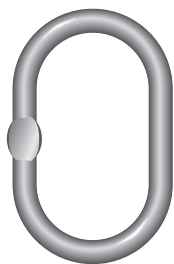
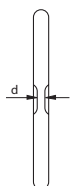
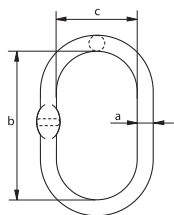
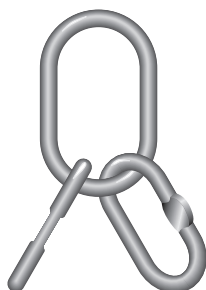
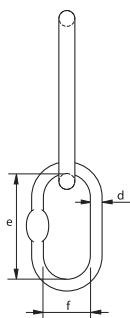
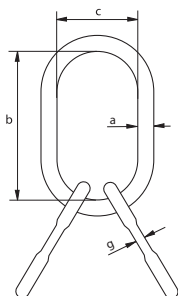
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P-6860R



Green Pin® connecting links for connecting Grade 8 chain-slings

- **Material** : Grade 8, alloy steel
- **Safety factor** : MBL equals 4 x WLL
- **Standard** : generally to EN 1677-1
- **Finish** : painted yellow or red
- **Certification** : 2.1 2.2 3.1

working load limit	for chain diameter	diameter	width outside	width inside	length inside	length inside	diameter eye	width inside	weight each
t	mm	a mm	b mm	c mm	d mm	e mm	f mm	g mm	kg
1.12	6	8	42	11	20	52	11	15	0.09
2	7-8	9	53	14	20	55	13	19	0.15
3.2	10	10	66	18	23	64	18	23	0.32
5.4	13	14	83	21	32	85	24	28	0.65
8.2	16	17	103	25	40	105	28	34	1.21
12.8	18-20	21	120	33	50	129	33	42	2.03
15.5	22	23	143	40	55	140	37	51	2.95
21.6	26	26	160	45	60	153	43	57	4.22
32.8	32	39	197	52	68	174	55	68	8.2

EXCEL®**MS****EXCEL®****MTS****EXCEL® Master links, grade 8**

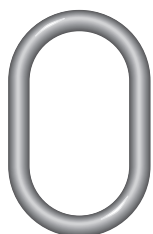
- **Material** : Grade 8, alloy steel
- **Safety factor** : MBL equals 4 x WLL
- **Standard** : generally to EN 1677-4
- **Finish** : painted yellow or red
- **Certification** : 2.1 2.2 3.1 MTC^b
- **Note** : from 50 t without flat part

working load limit	diameter	length inside	width inside	thickness	weight each
t	a mm	b mm	c mm	d mm	kg
1.6	13	100	60	7	0.33
3.2	16	120	70	7	0.56
4.5	18	135	75	9	0.8
6.2	20	150	90	9	1.11
8.2	22	150	90	11	1.36
10.6	25	170	95	13	1.96
12.8	28	200	120	13	2.92
15.5	30	200	120	17	3.4
20	36	250	150	17	6.1
25	38	250	150	21	6.8
30	44	280	170	21	10.8
37	45	300	200	23	11.7
50	50	300	200	-	14.75
63	55	350	200	-	20
100	70	400	250	-	39
125	80	400	250	-	52

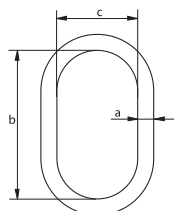
EXCEL® Master link assemblies, grade 8

- **Material** : Grade 8, alloy steel
- **Safety factor** : MBL equals 4 x WLL
- **Standard** : generally to EN 1677-4
- **Finish** : painted yellow or red
- **Certification** : 2.1 2.2 3.1 MTC^b
- **Note** : from 60 t without flat part

working load limit	diameter	length inside	width inside	diameter	length inside	width inside	thickness	weight each
t	a mm	b mm	c mm	d mm	e mm	f mm	g mm	kg
2.5	16	120	70	13	100	60	7	1.16
3.5	18	135	75	16	100	60	6	1.75
6.5	22	150	90	18	120	70	9	2.8
8.5	25	170	95	20	120	70	11	3.82
10	28	200	120	20	120	70	11	4.7
13	30	200	120	22	135	75	14	5.85
17	36	250	150	25	135	75	14	9.35
20	38	250	150	28	170	95	17	11.75
27	45	280	170	33	200	120	17	18.5
30	45	300	200	36	200	120	21	22
40	50	300	200	38	150	90	21	24
50	55	300	200	38	150	90	23	27
60	58	350	200	42	150	90	-	34
80	70	400	250	55	300	150	-	72
100	80	400	250	58	300	150	-	92



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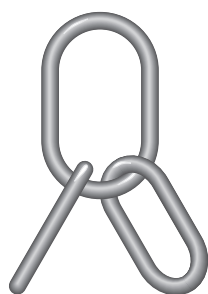


Master links DNV, grade 8

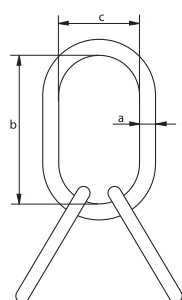
- **Material** : alloy steel, Grade 8
- **Safety Factor** : MBL equals 5 x WLL
- **Standard** : DNV 2.7-1, EN 12079-2 and EN 1677-4
- **Finish** : painted orange
- **Certification** : 2.1 2.2 3.1 DNV 2.7-1 ^a



working load limit	diameter	length inside	width inside	weight each
t	a mm	b mm	c mm	kg
4.1	16	150	75	0.72
5.8	22	270	140	2.3
8.83	26	270	140	3.3
11.8	28	270	140	3.8
14.5	28	200	110	3
17.1	32	270	145	5.1
23	36	270	140	6.5
28.1	40	280	155	8.5
38.3	45	320	175	12.2
45	50	350	195	16.6
65	60	410	222	29.2
85	70	455	255	44.3



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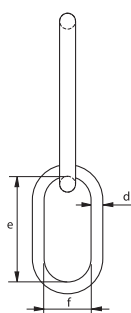


Master link assemblies DNV, grade 8

- **Material** : alloy steel, Grade 8
- **Safety Factor** : MBL equals 5 x WLL
- **Standard** : DNV 2.7-1, EN 12079-2 and EN 1677-4
- **Finish** : painted orange
- **Certification** : 2.1 2.2 3.1 DNV 2.7-1 ^a



working load limit	diameter	length inside	width inside	diameter	length inside	width inside	weight each
t	a mm	b mm	c mm	d	e	f	kg
4.1	16	150	75	14	130	65	1.7
5.8	22	270	140	16	150	75	3.6
8.83	26	270	140	20	140	70	5.3
11.8	28	270	140	20	140	70	5.9
17.1	32	270	140	26	190	102	9.7
23	36	270	140	28	190	100	11.9
28.1	40	280	155	32	200	110	16.4
38.3	45	320	175	36	225	125	23.5
45	50	350	195	40	260	130	32.3
65	60	410	220	50	350	195	62
85	70	450	250	60	410	220	100



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