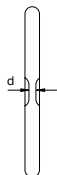
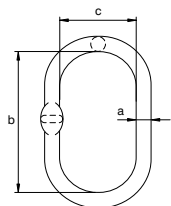




MS



Green Pin® Master Link EN 1677-4 GR8

Grade 8 master link EN 1677-4

- **Material:** alloy steel, grade 8, quenched and tempered
- **Safety factor:** MBL equals 4 x WLL
- **Standard:** EN 1677-4, ASTM A952/952M and ASME B30.9
- **Finish:** painted white*
- **Temperature range:** -40 °C up to +200 °C
- **Certification:** 2.1 2.2 3.1 MTC[®] MPI[®] CE II B
- **Article code:** scan QR code to see article codes
- **Note:** from 50 t without flat part. For use of this component in a wire rope sling the safety factor must be 5 : 1, see the table on page 84

Scan for
additional
product
details



diameter	diameter chain 1 leg	diameter chain 2 legs		working load limit	length inside	width inside	thickness	weight each
a mm	mm	$\beta \leq 45^\circ$ mm	$45^\circ < \beta \leq 60^\circ$ mm	t	b mm	c mm	d mm	kg
13	6/7	6	6/7	1.6	115	60	7	0.40
16	8	7/8	8	3.2	120	70	7	0.60
18	10	10	10	4.5	135	75	9	0.84
20	13	-	13	6.2	150	82	11	1.10
22	16	13	16	8.2	170	90	14	1.60
25	18	-	18	10.6	190	103	14	2.30
28	20	16	19	12.8	209	120	17	3.10
30	20/22	18	20/22	15.5	235	125	17	4
36	-	19/20	-	20	270	145	22	6.60
38	26	22	26	25	250	150	22	7.10
45	32	26	32	37	300	200	22	12.1
50	-	32	-	50	380	200	-	18
55	-	-	-	63	360	200	-	21
70	-	-	-	100	500	250	-	44
80	-	-	-	125	503	280	-	60.7

CAD INFO

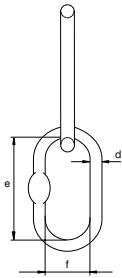
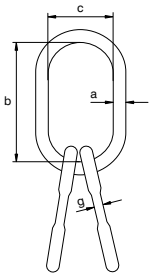
* Could be (for some sizes) delivered with a yellow or red finish



- **Material:** alloy steel, grade 8, quenched and tempered
- **Safety factor:** MBL equals 4 x WLL
- **Standard:** EN 1677-4, ASTM A952/952M and ASME B30.9
- **Finish:** painted white*
- **Temperature range:** -40 °C up to +200 °C
- **Certification:** 2.1 2.2 3.1 MTC^b MPI^a CE IIB
- **Article code:** scan QR code to see article codes
- **Note:** from 60 t without flat part. For use of this component in a wire rope sling the safety factor must be 5 : 1, see the table on page 84



MTS



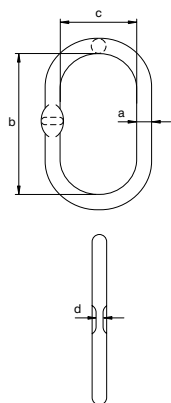
diameter	diameter chain 3/4 legs		working load limit	length inside	width inside	diameter	length inside	width inside	thickness	weight each
a mm	$\beta \leq 45^\circ$ mm	$45^\circ < \beta \leq 60^\circ$ mm	t	b mm	c mm	d mm	e mm	f mm	g mm	kg
16	6	6/7	2.5	120	70	13	115	60	7	1.20
18	6/7	8	3.5	135	75	16	120	70	7	3.10
22	8	10	6.5	170	90	18	135	75	9	3.30
25	10	13	8.5	190	103	20	150	82	11	4.50
28	-	-	10	209	120	20	150	82	11	5.40
30	13	16	13	235	125	22	170	90	14	7.20
36	16	18/19	17	270	145	25	190	103	14	11.2
38	-	20	20.8	250	150	28	209	120	17	13.3
45	18/20	22	30	300	200	36	270	145	22	25.3
50	22	26	40	380	200	38	250	150	22	32.2
55	26	32	50	360	200	38	250	150	22	35.2
60	-	-	60	430	220	45	300	200	45	54.2
70	32	-	80	500	250	55	360	200	55	86
80	-	-	100	503	250	55	360	200	55	103

CAD INFO

* Could be (for some sizes) delivered with a yellow or red finish



UMS



Green Pin® Master Link GR10

Grade 10 master link

- **Material:** alloy steel, grade 10, quenched and tempered
- **Safety factor:** MBL equals 4 x WLL
- **Standard:** follows the EN1677 with values for grade 10 and conforms to ASTM A952/A952M and ASME B30.9
- **Finish:** painted blue
- **Temperature range:** -40 °C up to +200 °C
- **Certification:** 2.1 2.2 3.1 MTC[®] MPI[®] CE IIB
- **Article code:** scan QR code to see article codes
- **Note:** for use of this component in a wire rope sling the safety factor must be 5 : 1, see the table on page 84

Scan for additional product details



diameter	diameter chain 1 leg	diameter chain 2 legs		working load limit	length inside	width inside	thickness	weight each
a mm	mm	$\beta \leq 45^\circ$ mm	$45^\circ < \beta \leq 60^\circ$ mm	t	b mm	c mm	d mm	kg
13	6	6	6	2	115	60	7	0.40
16	8	-	8	3.2	120	70	7	0.60
18	10	8	10	5.4	135	75	9	0.84
22	13	10	13	8.2	170	90	11	1.60
25	16	13	16	11.2	190	103	14	2.17
30	18/20	16	18/20	16	235	125	17	4
38	22	20/22	22	27.6	250	150	22	7.10

CAD



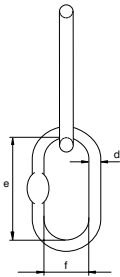
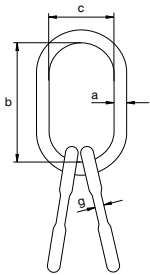
Green Pin® Master Link Assembly GR10

Grade 10 master link assembly

Scan for
additional
product
details



UMTS



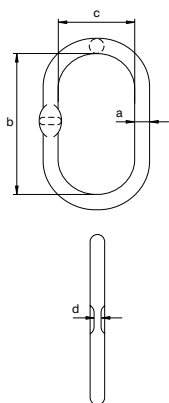
- **Material:** alloy steel, grade 10, quenched and tempered
- **Safety factor:** MBL equals 4 x WLL
- **Standard:** follows the EN1677 with values for grade 10 and conforms to ASTM A952/A952M and ASME B30.9
- **Finish:** painted blue
- **Temperature range:** -40 °C up to +200 °C
- **Certification:** 2.1 2.2 3.1 MTC[®] MPI[®] CE IIB
- **Article code:** scan QR code to see article codes
- **Note:** for use of this component in a wire rope sling the safety factor must be 5 : 1, see the table on page 84

diameter	diameter chain 3/4 legs		working load limit	length inside	width inside	diameter	length inside	width inside	thickness	weight each
a mm	$\beta \leq 45^\circ$ mm	$45^\circ < \beta \leq 60^\circ$ mm	t	b mm	c mm	d mm	e mm	f mm	g mm	kg
18	6	6	3.65	135	75	16	120	70	7	1.97
22	8	8/10	6.8	170	90	18	135	75	9	3.30
28	10	13	11	209	120	20	150	82	11	5.40
36	13	16	17.7	270	145	25	190	103	14	11.2
38	16	18/19	21.2	250	150	30	235	125	17	15.1
50	20	22	41.6	380	200	38	250	150	22	32.2

CAD



UMSW



Green Pin® Wider Master Link GR10

Grade 10 wider master link

- **Material:** alloy steel, grade 10, quenched and tempered
- **Safety factor:** MBL equals 5 x WLL
- **Standard:** follows the EN1677 with values for grade 10 and conforms to ASTM A952/A952M and ASME B30.9
- **Finish:** painted blue
- **Temperature range:** -40 °C up to +200 °C
- **Certification:** 2.1 2.2 3.1 MTC[®] MPI[®] CE IIB
- **Article code:** scan QR code to see article codes



working load limit	diameter	length inside	width inside	thickness	weight each
t	a mm	b mm	c mm	d mm	kg
4.1	17	160	90	9	0.85
6.7	19	160	90	9	1.08
11.5	25	210	115	13	2.43
17	33	270	140	17	5.40
27.7	38	275	150	21	7.50
45	50	380	200	50	17.7
64	56	400	200	56	23.5

CAD



Green Pin® Wider Master Link Assembly GR10

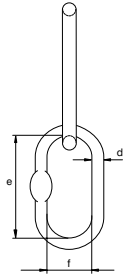
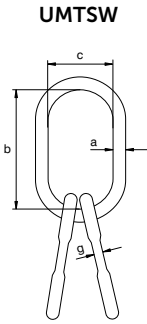
Grade 10 wider master link assembly

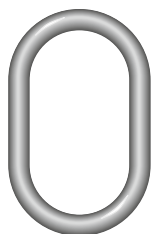


- **Material:** alloy steel, grade 10, quenched and tempered
- **Safety factor:** MBL equals 5 x WLL
- **Standard:** follows the EN1677 with values for grade 10 and conforms to ASTM A952/A952M and ASME B30.9
- **Finish:** painted blue
- **Temperature range:** -40 °C up to +200 °C
- **Certification:** 2.1 2.2 3.1 MTC^b MPI^a CE IIB
- **Article code:** scan QR code to see article codes

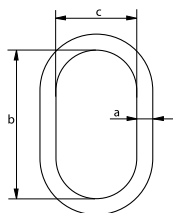
working load limit	diameter	length inside	width inside	diameter	length inside	width inside	thickness	weight each
t	a mm	b mm	c mm	d mm	e mm	f mm	g mm	kg
4.3	19	160	90	14	120	70	9	1.96
6.7	23	180	100	17	160	90	9	3.50
28.1	40	300	160	33	270	140	17	19.8
38.3	45	340	180	38	275	150	21	27.8
75	60	400	200	50	380	200	50	62.5

CAD





P-6810



Green Pin® DNV Master Link

Grade 8 master link

- **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 silver
- **Temperature range:** -40 °C up to +200 °C
- **Certification:** 2.1 2.2 3.1 MTC^b MPI^b DNV 2.7-1^a CE II B
- **Article code:** scan QR code to see article codes
- **Note:** size WLL 75 t and 100 t have a temperature range of -20 °C up to +200 °C



Scan for additional product details

working load limit	diameter	length inside	width inside	weight each
t	a mm	b mm	c mm	kg
4.1	16	150	75	0.68
7	22	270	140	2.28
9.3	26	270	140	3.11
14.5	28	270	140	3.78
19.5	28	200	110	3
19	32	270	140	5.02
26	36	270	140	6.46
30.5	40	280	155	8.46
45	45	320	175	12.2
51	50	350	195	16.5
75	65	410	220	33
100	75	450	250	49

CAD INFO



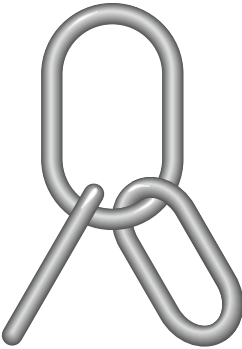


Green Pin® DNV Master Link Assembly

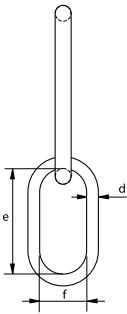
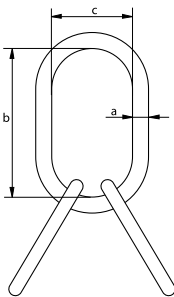
Grade 8 master link assembly

- **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 silver
- **Temperature range:** -40 °C up to +200 °C
- **Certification:** 2.1 2.2 3.1 MTC^b MPI^b DNV 2.7-1^a CE II B
- **Article code:** scan QR code to see article codes
- **Note:** size WLL 75 t and 100 t have a temperature range of -20 °C up to +200 °C

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P-6820



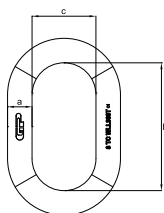
working load limit	diameter	length inside	width inside	diameter	length inside	width inside	weight each
t	a mm	b mm	c mm	d mm	e mm	f mm	kg
4.1	16	150	75	14.5	125	60	1.62
7	22	270	140	22	162	90	5.22
9.3	26	270	140	22	162	90	6.05
14.5	28	270	140	22	162	90	6.73
19	32	270	140	28	200	110	10.9
26	36	270	140	28	200	110	12.4
30.5	40	280	155	32	270	140	18.5
40	45	320	175	36	270	140	25.1
51	50	350	195	45	320	175	40.9
75	65	410	220	50	350	195	66.1
100	75	450	250	65	410	220	115

CAD INFO





P-6815



Green Pin® Heavy Duty Master Link

Grade 8 weldless heavy duty master link

- **Material:** alloy steel, grade 8
- **Safety Factor:** MBL equals 5 x WLL
- **Standard:** ASME B30.26
- **Finish:** painted silver and green
- **Temperature range:** -40 °C up to +200 °C
- **Certification:** 2.1 2.2 3.1 MTC^a MPI^b US^b CE IIA
- **Article code:** scan QR code to see article codes

Scan for additional product details



working load limit	diameter	length inside	width inside	weight each
t	a mm	b mm	c mm	kg
131	90	460	300	77
157	100	500	300	102
250	115	600	400	164
300	115	600	300	155
400	115	490	250	132

CAD