

Seismic



PRODUCT CATALOGUE



MØRENØT
OFFSHORE

Mørenot Offshore AS is located at the centre of Norway's North Sea oil activities, considered to be the world's leading maritime cluster.

Since 1992 we have been working and expanding together with the marine seismic companies, being a reliable and trusted partner during economic growth as well as during market recessions. This, combined with our ability to meet and solve our customers' demands, has positioned us as the preferred supplier of towing and handling equipment to the seismic industry.

We are honouring this trust by engaging ourselves in continuous product improvement, and presenting innovative solutions.

Mørenot Offshore – your partner for progress



Deflector



Crucifix



Spread ropes
and connectors



Foil fairing

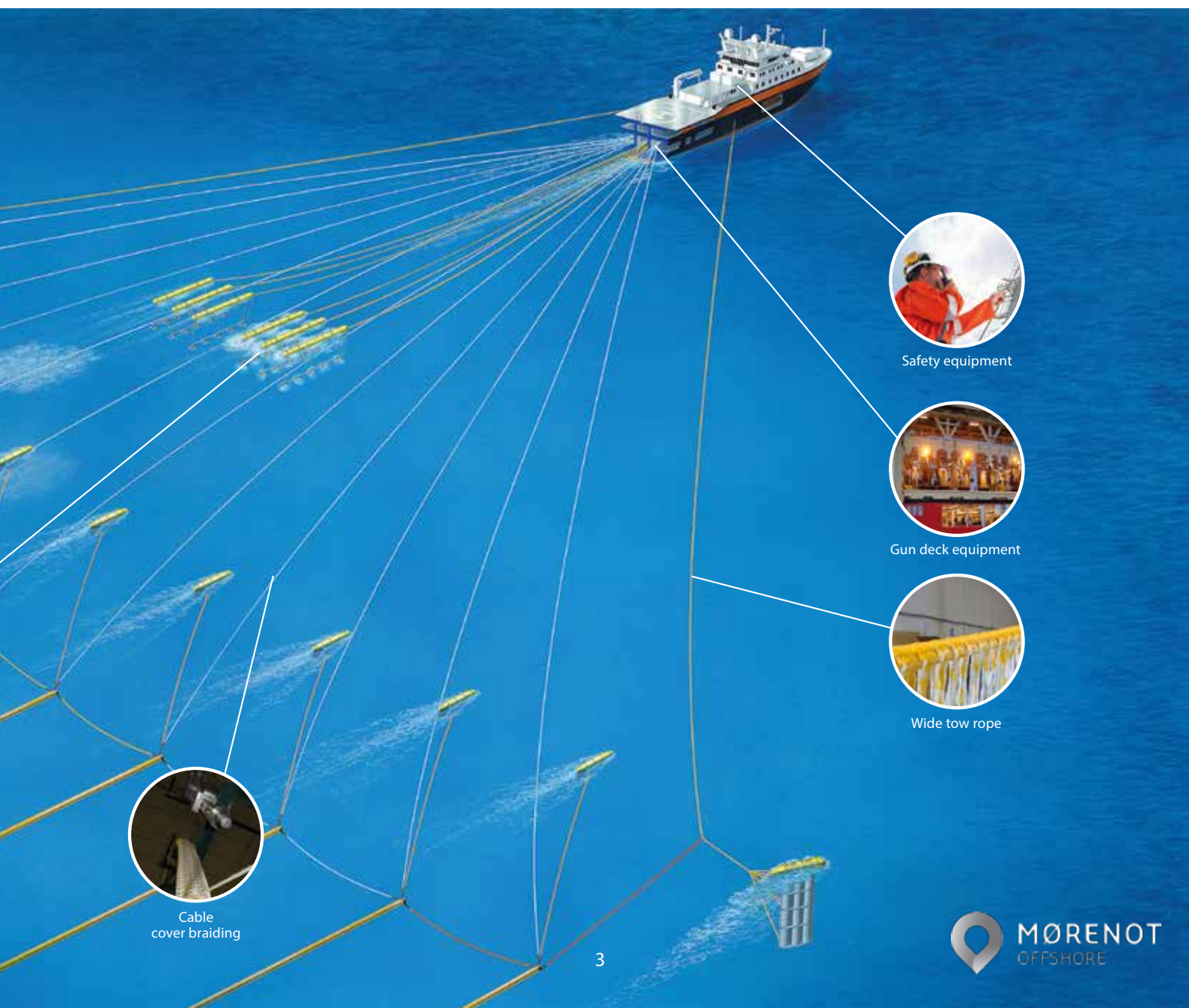


Gun array
components

Complimentary products and services designed to deliver operational excellence

- High performance ropes for any challenge
- High quality hardware that is efficient, safe and reliable
- Providing a fast track from idea to solution
- Focus on safety and quality

At your service – wherever, and whenever



Cable
cover braiding

Safety equipment

Gun deck equipment

Wide tow rope



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1 ROPES, COVER BRAIDING AND FAIRINGS

1.1 Plexus 12S, braided rope

Made from Dyneema® yarn

PLEXUS® 12 S PRO PLEXUS® 12 S

Rope Ø-dia	kg/m	Mbl Ton	kg/m	Mbl Ton
6			0,025	4,7
8			0,038	7,2
10			0,059	11,4
12			0,094	14,8
14			0,106	20,5
16			0,148	25,3
18			0,192	32,5
20			0,223	39,4
22			0,278	47,9
24			0,331	56
26			0,389	64
28			0,424	72
30	0,522	93	0,196	83
32			0,589	95
34	0,659	118	0,650	105
36	0,792	138	0,750	119
38			0,860	131
40	0,941	155	0,969	143
42			1,060	152
44	1,071	178	1,150	160
46	1,200	201	1,210	171
50	1,370	225		
54	1,530	245		
56	1,630	266		
60	1,737	280		



Application:

Winch, Seismic, Towing, Fishing, Mooring, Pick-up, Messenger, Subsea installation, Anchor, Lifting slings, Grommets

Construction:

12 strand plaited, Torque free construction

Fatigue resistance:	Excellent
Abrasion resistance:	Very good
Chemical resistance:	Excellent
UV resistance:	Very good
Water absorbtion:	0 %
Specific gravity:	0,98
Melting point:	144-152 °C
Max working temp:	65 °C

Larger dia. on request. BL values stated for spliced ropes.

Plexus® ropes are delivered with yellow colour and MNO coating marine grade as standard. Plexus® ropes may also be delivered with jacket protection, where we recommend our MNO jacket. Fringe fairing may be provided as an integrated part of jacket or manually installed.

The above figures are based on ropes made from DSM Dyneema® yarn grades SK75 and SK78. We also make ropes from DSM Dyneema® grades SK62, XBO, DM20, and SK99.



1.2 Cover braiding of ropes and cables

All our cover braiders have 24 carriers which give a good and tight cover.

Dyneema® provides a higher protection for abrasion and cutting than other synthetic fibers available. Dyneema® is therefore a preferred fiber for protection in critical operations.

Mørenot AS can install Dyneema® cover on all our Plexus rope dimensions.

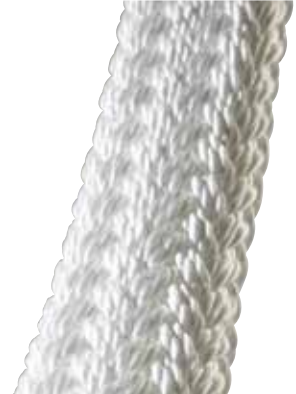
We perform cover braiding on all types of ropes and cables with specialized machinery. The machines can make hairy fairing while cover braiding.





1.3 Cover made of Dyneema®

Art. no.	Type
57005121	Dyneema cover max. Ø 20 mm
57005130	Dyneema cover max. Ø 30 mm
57005137	Dyneema cover max. Ø 36 mm
57005144	Dyneema cover max. Ø 44 mm
57005148	Dyneema cover max. Ø 48 mm
57005160	Dyneema cover max. Ø 60 mm
57005175	Dyneema cover max. Ø 75 mm
57005190	Dyneema cover max. Ø 90 mm
57005199	Dyneema cover max. Ø 100 mm



1.4 Cover and hairy fairing made of Dyneema®

We perform cover braiding and hairy fairing of all types of ropes and cables.



1.4 Foil fairing

Mørenot AS manufactures custom solutions for separation of ropes and spurlines with foil fairing. We supply ropes ready-made for operation, no adjusting or splicing needed on the vessel.

Art. no.	Type	Colour
57000112	Foil fairing Ø 12 mm	red
57000116	Foil fairing Ø 16 mm	yellow
57000118	Foil fairing Ø 18 mm	white
57000122	Foil fairing Ø 22 mm	yellow
57000126	Foil fairing Ø 26 mm	grey
57000128	Foil fairing Ø 28 mm	orange
57000132	Foil fairing Ø 32 mm	red
57000136	Foil fairing Ø 36 mm	white
57000140	Foil fairing Ø 40 mm	grey





1.5 Gold rope

Polyethylene/polypropylene 3 strand

Art. no.	Dim.	Approx. kg/110 m	Breaking load	Coil
52100800	8 mm	3,30	1200kp	110 m
52101000	10 mm	4,95	1900kp	110 m
52101200	12 mm	7,15	2800kp	110 m
52101400	14 mm	10,00	3600kp	110 m
52101600	16 mm	12,70	4550kp	110 m
52101800	18 mm	16,40	5550kp	110 m
52102000	20 mm	20,00	6650kp	110 m
52102200	22 mm	24,00	8100kp	110 m
52102400	24 mm	28,50	9300kp	110 m
52102800	28 mm	39,00	12600kp	110 m
52103200	32 mm	50,50	16000kp	110 m
52103600	36 mm	64,50	20100kp	110 m
52104000	40 mm	79,00	24300kp	110 m



1.6 Braided polyethylene twine

Art. no.	Dim.	Colour	kg/m
56062510	2,5 mm	Red	360
56062520	2,5 mm	Green	360
56063010	3,0 mm	Red	270
56063020	3,0 mm	Green	270
56063510	3,5 mm	Red	225
56063520	3,5 mm	Green	225
56064010	4,0 mm	Red	200
56064020	4,0 mm	Green	200
56064510	4,5 mm	Red	165
56064520	4,5 mm	Green	165
56065020	5,0 mm	Green	127
56066020	6,0 mm	Green	80-85
56066030	6,0 mm	Green/White	80-85
56068020	8,0 mm	Green	36

Approx. 2 kg per spool – 16 kg (8 spools) per bag.





1.7 Braided nylon twine

Art. no.	Dim.	Colour	m/kg
56070200	2,0 mm	White	280
56070300	3,0 mm	White	190
56070400	4,0 mm	White	130
56070500	5,0 mm	White	110
56070600	6,0 mm	White	90
56070700	7,0 mm	White	75
56070800	8,0 mm	White	65
56071000	10,0 mm	White	50
56071400	14,0 mm	White	26



Approx. 2 kg per spool – 16 kg (8 spools) per bag.

Braided nylon may also be supplied as black-impregnated.

1.8 Gold mooring rope 8 strand

Art. no.	Dim. mm	Length m	Weight kg	MBL kN
53004800	48	110	117,5	424
53004801	48	220	235,0	424
53005200	52	110	135,5	495
53005201	52	220	271,0	495
53005600	56	110	160,5	567
53005601	56	220	321,0	567
53006000	60	110	182,0	640
53006001	60	220	364,0	640
53006400	64	110	207,0	723
53006401	64	220	414,0	723
53006800	68	110	236,0	819
53006801	68	220	472,0	819
53007200	72	110	264,0	912
53007201	72	220	528,0	912
53008000	80	110	324,5	1111
53008001	80	220	649,0	1111
53008800	88	110	393,0	1333
53008801	88	220	786,0	1333
53009600	96	110	467,5	1577
53009601	96	220	935,0	1577
53011200	112	110	636,0	2060
53011201	112	220	1272,0	2060





1.9 Master mooring rope 8 strand

Art.no	Dim. mm	Length m	Weight kg	MBL kN
54004810	48	110	135,5	493
54004820	48	220	271,0	493
54005210	52	110	159,0	577
54005220	52	220	318,0	577
54005410	54	110	171,0	623
54005420	54	220	342,0	623
54005610	56	110	184,0	669
54005620	56	220	368,0	669
54006010	60	110	212,0	770
54006020	60	220	424,0	770
54006210	62	110	226,0	823
54006220	62	220	452,0	823
54006410	64	110	241,0	877
54006420	64	220	482,0	877
54006810	68	110	272,5	991
54006820	68	220	545,0	991
54007210	72	110	312,5	1112
54007220	72	220	625,0	1112
54007610	76	110	348,5	1241
54007620	76	220	697,0	1241
54007810	78	110	374,0	1303
54007820	78	220	748,0	1303
54008010	80	110	393,0	1368
54008020	80	220	786,0	1368
54008410	84	110	412,5	1437
54008420	84	220	825,0	1437



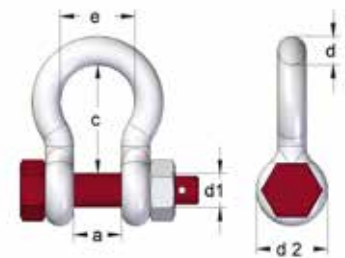


2 SHACKLES

2.1 RedPin Bow shackle

Galvanized, safety type. US fed. spec. RR-C-271.

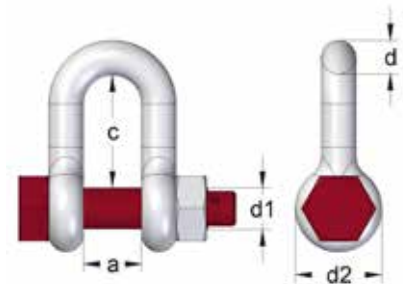
Art. no.	Size	WLL SF 6:1 [ton]	d mm	d1 mm	a mm	c mm	e mm	d2 mm	kg/ 100
23010049	3/8"	1,00	9	11	16	36	26	22	17
23010050	1/2"	2,00	13	16	21	47	33	33	35
23010051	5/8"	3,25	16	19	27	60	42	40	70
23010052	3/4"	4,75	19	22	31	71	51	47	120
23010053	7/8"	6,50	22	25	37	84	58	50	170
23010054	1"	8,50	25	28	43	95	68	58	250
23010055	1 1/8"	9,50	28	32	46	108	74	64	340
23010056	1 1/4"	12,00	32	35	52	119	83	72	480
23010057	1 3/8"	13,50	35	38	57	132	89	74	700
23010058	1 1/2"	17,00	38	42	60	146	98	84	900
23010059	1 3/4"	25,00	45	50	74	178	127	105	1500
23010060	2"	35,00	50	57	83	197	138	127	2200
23010061	2 1/2"	55,00	65	70	106	255	185	152	4400



2.2 RedPin D-shackle

Galvanized, safety type. US fed. spec. RR-C-271.

Art. no.	Size	WLL SF 6:1 [ton]	d mm	d1 mm	a mm	c mm	d2 mm	kg/ 100
23010105	1/2"	2,00	13	16	21	41	33	30
23010106	5/8"	3,25	16	19	27	51	40	60
23010107	3/4"	4,75	19	22	31	60	47	110
23010108	7/8"	6,50	22	25	37	71	50	160
23010109	1"	8,50	25	28	43	81	58	230
23010110	1 1/8"	9,50	28	32	46	90	64	310
23010111	1 1/4"	12,00	32	35	52	100	72	440
23010112	1 3/8"	13,50	35	38	57	111	74	630
23010113	1 1/2"	17,00	38	42	60	122	84	800



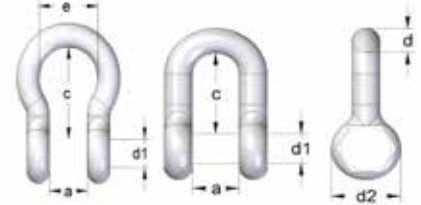


2.3 Shackle bow

US fed. spec. RR-C-271 type

Art. no.	Shape	WLL SF 6:1 [ton]	d mm	d1 mm	a mm	c mm	e mm	d2 mm	
20000016	5/8"D	3,25	16	21	27	51	27	40	Bow for 20 mm bolt
20000116	5/8"B	3,25	16	21	27	60	42	40	Bow for 20 mm bolt
20000319	3/4"D	4,75	19	21	31	60	31	47	Special for 20 mm bolt
20000219	3/4"B	4,75	19	21	31	71	51	47	Special for 20 mm bolt

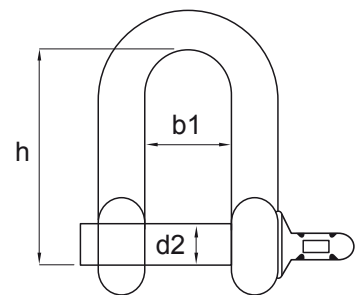
Typically used for gun hang chains etc.



2.4 D-Shackle with eye pin

Stainless

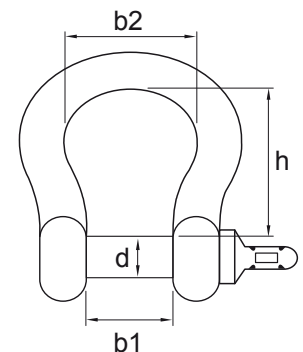
Art. no.	Size	MBL [ton]	d2 mm	b1 mm	h mm	kg/100
23011003	4 mm (5/32")	0,6	4	8	18	0,8
23011005	5 mm (3/16")	1,0	5	10	23	1,4
23011006	6 mm (1/4")	1,6	6	12	27	2,7
23011008	8 mm (5/16")	2,8	8	16	36	6,4
23011010	10 mm (3/8")	4,0	10	20	45	12
23011012	12 mm (1/2")	6,4	12	24	54	21
23011016	16 mm (5/8")	12,0	16	32	72	50
23011019	20 mm (3/4")	16,0	20	38	86	88
23011022	22 mm (7/8")	20,0	22	44	99	140
23011025	25 mm (1")	26,0	25	50	113	208
23011032	32 mm (1 1/4")	33,6	32	64	144	326



2.5 B-Shackle with eye pin

Stainless

Art. no.	Size	MBL [ton]	d mm	b1 mm	b2 mm	h mm	kg/100
23011034	4 mm (5/32")	0,6	4	8	12	14	0,9
23011036	6 mm (1/4")	1,6	6	12	18	21	3
23011037	8 mm (5/16")	2,8	8	16	24	28	6,5
23011038	10 mm (3/8")	4,0	10	20	28	35	12
23011039	12 mm (1/2")	6,4	12	24	36	42	25
23011040	16 mm (5/8")	12,0	16	32	48	56	52
23011041	20 mm (3/4")	16,0	20	38	57	66	93
23011042	22 mm (7/8")	20,0	22	44	66	77	162

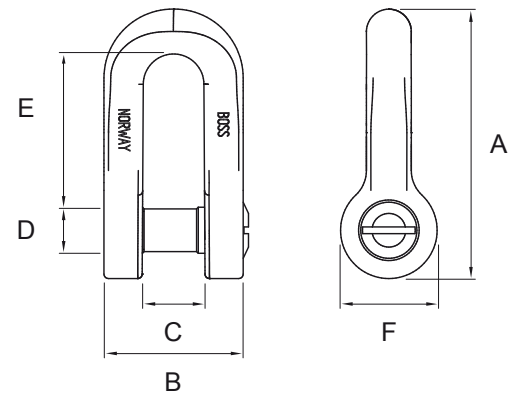




2.6 BOSS D-shackle with countersunk pin

2324 stainless steel

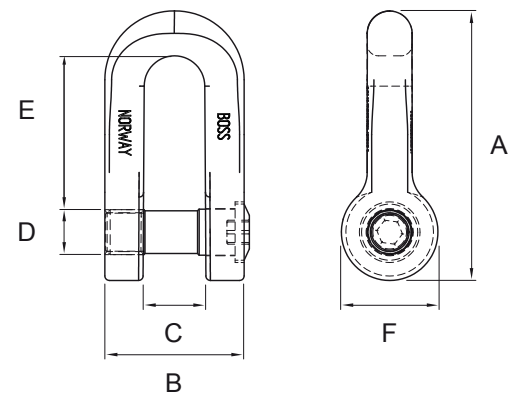
Art. no.	Type	WLL SF 5:1	A mm	B mm	C mm	D mm	E mm	F mm	Weight kg
23053011	SL 11 S	3	122	62	27	20	70	43	0,8
23053012	SL 12 S	6	136	74	34	24	73	57	1,5
23053014	SL 14 S	10	160	88	42	33	86	68	2,6



2.7 BOSS D-shackle with countersunk allen key pin

2324 stainless steel

Art. no.	Type	WLL SF 5:1 [ton]	A mm	B mm	C mm	D mm	E mm	F mm	Weight kg
23053015	SL 11 S	3	122	62	27	20	70	43	0,8
23053017	SL 12 S	6	136	74	34	24	73	57	1,5

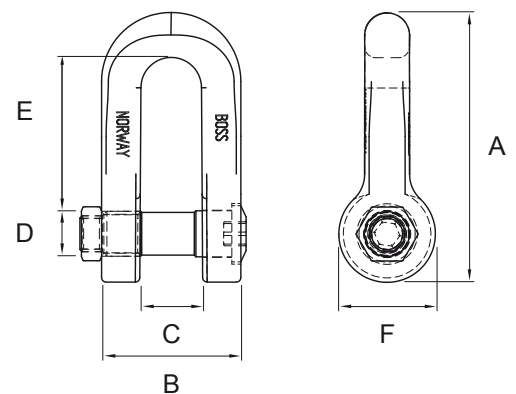


2.8 BOSS D-shackle with countersunk allen key pin and locking nut

2324 stainless steel

Art. no.	Type	WLL SF 5:1 [ton]	A mm	B mm	C mm	D mm	E mm	F mm	Weight kg
23053016	SL 11 S	3	122	62	27	20	70	43	0,95

M16 Self-locking nut (Lanfranco HMS type) only 8 mm high to obtain a flush design.

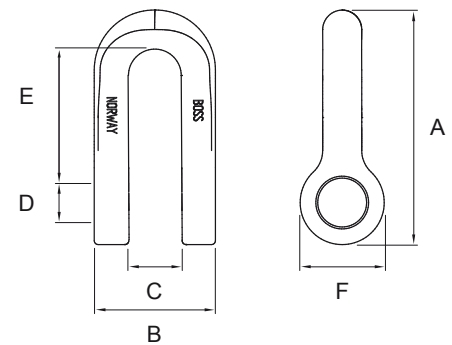




2.9 BOSS D-bow, no threads

2324 stainless steel

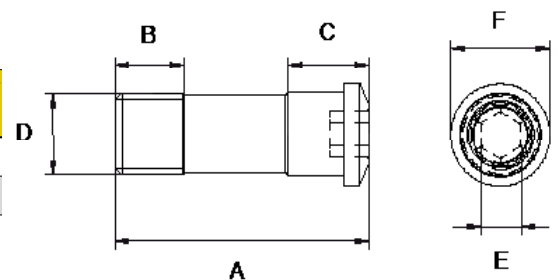
Art. no.	Type	WLL SF 5:1 [ton]	A mm	B mm	C mm	D mm	E mm	F mm	Weight kg
20001311	SL 11	3	120	61	27	20	69	43	0,8
20001312	SL 12	6	134	74	34	24	73	56	1,5



2.10 Bolt for BOSS D-shackle

2324 stainless steel

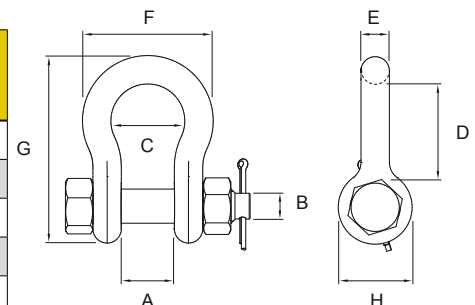
Art. no	Type	A mm	B mm	C mm	D mm	E mm	F mm
23370011	Bolt for SL 11 S hex	64	17,5	20,4	20	10	25
23370012	Bolt for SL 12 S hex	76	22,5	-	24	10	30



2.11 BOSS bow shackle, safety type

2324 stainless steel

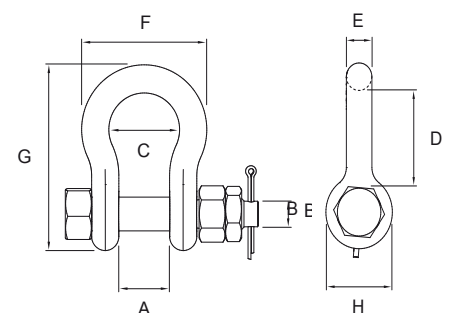
Art. no.	Type	WLL SF 5:1 [ton]	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	Weight kg
20000203	B 3 S	3	28	18	39	56	15	68	98	39	0,6
20000206	B 6 S	6	40	25	58	83	25	111	150	63	2,4
20000208	B 8 S	8	50	34	75	114	29	135	190	71	4,0
20000210	B 10 S	10	50	35	84	119	34	150	210	79	5,5
20000215	B 15 S	15	66	44	101	141	38	184	256	100	9,7
20000225	B 25 S	25	70	50	130	160	57	221	309	113	18,7



2.12 BOSS bow shackle, safety type

S 165 M

Art. no.	Type	WLL SF 5:1 [ton]	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	Weight kg
20000055	B 3 S	5,0	28	19	40	70	15	68	100	39	0,6
20000060	B 6 S	9,5	40	25	58	83	25	111	150	63	2,5
20000065	B 8 S	11,3	50	34	75	114	29	135	190	71	4,2
20000066	B 10 S	15,0	52	35	84	119	34	150	210	79	5,5
20000068	B 15 S	20,0	66	44	101	141	38	184	256	100	10,0



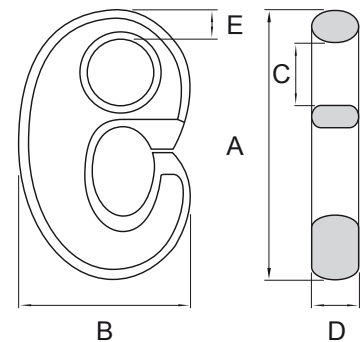


3 HOOKS AND LINKS

3.1 BOSS DL hook split-link

2324 stainless steel

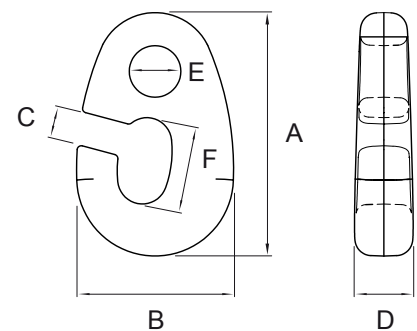
Art. no.	Type	WLL SF 5:1 [ton]	A mm	B mm	C mm	D mm	E mm	Weight kg
23030026	DL 26 S	3	150	95	39	28	16	1,7
23030001	DL 27 S	5	212	130	58	33	23	3,7
23030028	DL 28 S	12	260	163	61	49	29	9,8



3.2 BOSS G-hook

2324 stainless steel and S 165 M

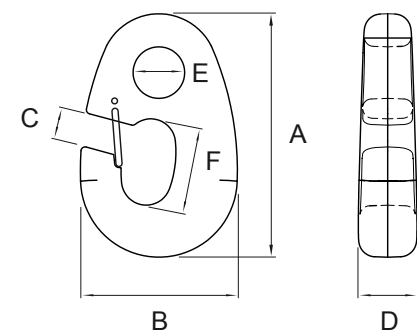
Art. no.	Type	WLL SF 5:1 [ton]	A mm	B mm	C mm	D mm	E mm	F mm	Weight kg
20130303	GH 3 S	3	118	76	16	27	25	42	0,9
20130304	GH 3 S 165 M	4	118	76	16	27	25	42	0,9
20160606	GH 6 S	6	178	108	22	36	34	61	2,9
20130327	GH 6 S 165 M	8	178	108	22	36	34	61	2,9



3.3 BOSS G-hook with safety latch

2324 stainless steel and S 165 M

Art. no.	Type	WLL SF 5:1 [ton]	A mm	B mm	C mm	D mm	E mm	F mm	Weight kg
20130323	GH 3 Safety	3	118	76	16	27	25	42	0,9
20130324	GH 3 Safety S 165 M	4	118	76	16	27	25	42	0,9
20130326	GH 6 Safety S 165 M	8	178	108	22	36	34	61	2,9
20161012	GH 10 Safety S 165 M	12	181	124	23	36	34	61	3,8



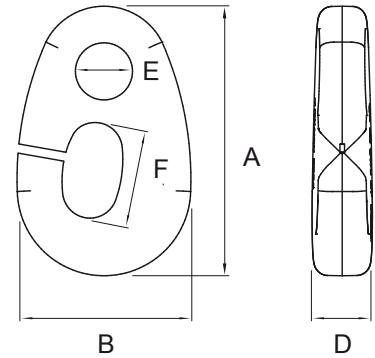
20130300	Safety latch for GH3 and GH4 Safety
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3.4 BOSS G-hook split-link

2324 stainless steel and **S 165 M**

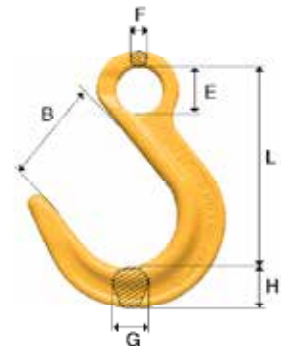
Art. no.	Type	WLL SF 5:1 [ton]	A mm	B mm	D mm	E mm	E mm	Weight kg
20130313	GH 4 S	3	118	76	27	25	42	0,9
20130314	GH 4 S S 165 M	4	118	76	27	25	42	0,9



3.5 OKE open hook GrabiQ

Gunnebo, yellow painted

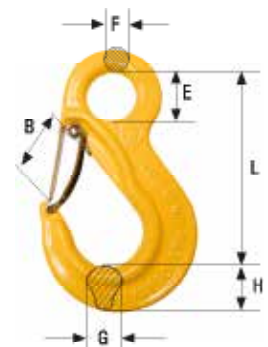
Art. no.	Type	WLL SF 4:1 [ton]	L mm	B mm	E mm	F mm	G mm	H mm	Weight kg
23230035	OKE 10-10	4,0	151	76	34	15	26	30	1,34
23230036	OKE 13-10	6,7	184	90	44	19	33	39	2,77
23230037	OKE 16-10	10,0	218	102	56	23	40	46	4,93
23230038	OKE 20-10	16,0	247	114	60	27	46	60	7,17



3.6 EKN sling hook with latch GrabiQ

Gunnebo, yellow painted

Art. no.	Type	WLL SF 4:1 [ton]	For chain mm	L mm	B mm	E mm	F mm	G mm	H mm	Weight kg
23222006	EKN-6-10	1,5	6	94	24	22	10	17	20	0,37
23222007	EKN-7/8-10	2,5	8	108	28	28	12	17	23	0,56
23222010	EKN-10-10	4,0	10	134	37	34	14	23	30	1,02
23222013	EKN-13-10	6,7	13	166	42	44	18	28	38	2,08
23222016	EKN-16-10	10,0	16	203	50	56	22	36	47	4,05

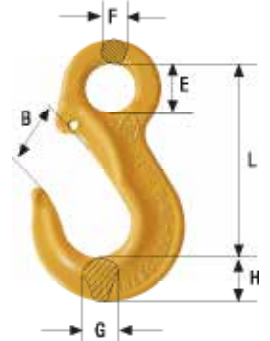




3.7 EK sling hook GrabiQ

Gunnebo, yellow painted

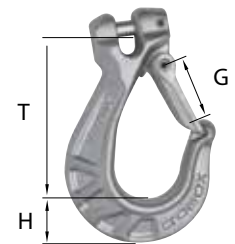
Art. no.	Type	WLL SF 4:1 [ton]	For chain mm	L mm	B mm	E mm	F mm	G mm	H mm	Weight kg
23220005	EK-6-10	1,5	6	94	29	22	10	17	20	0,34
23220007	EK-8-10	2,5	8	108	32	28	12	17	23	0,52
23220010	EK-10-10	4,0	10	134	42	34	14	23	30	0,98
23220013	EK-13-10	6,7	13	166	49	44	18	28	38	1,95
23220016	EK-16-10	10,0	16	203	60	56	22	36	47	3,83



3.8 CGHF clevis hook with latch

Stainless steel

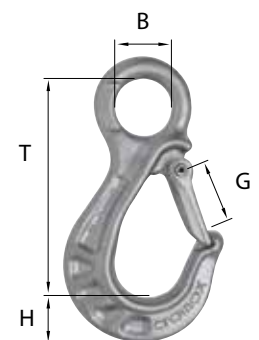
Art. no.	Type	WLL SF 4:1 [ton]	For chain mm	T mm	G mm	H mm	Weight kg
20001106	CGHF-06	0,9	6	78	25	22	0,40
20001108	CGHF-08	1,5	8	97	32	28	0,76
20001110	CGHF-10	2,4	10	121	41	34	1,44



3.9 COHF hook with latch

Stainless steel

Art. no.	Type	WLL SF 4:1 [ton]	For chain mm	T mm	G mm	B mm	H mm	Weight kg
20001204	COHF-04	0,30	4	75	20	17	17	0,19
20001206	COHF-06	0,90	6	100	25	25	22	0,35
20001608	COHF-08	1,50	8	126	32	27	28	0,79
20001210	COHF-10	2,40	10	160	39	37	34	1,37
20001213	COHF-13	3,85	13	190	51	48	45	3,00
20001216	COHF-16	5,00	16	230	66	55	51	4,80
20001218	COHF-18	7,00	18	230	66	55	51	4,80

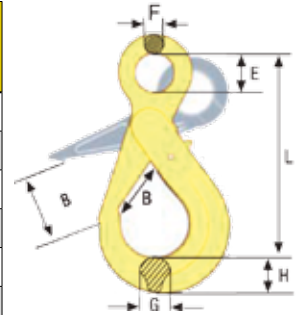




3.10 BK safety hook GrabiQ

Gunnebo, yellow painted

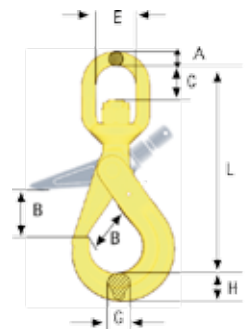
Art. no.	Type	WLL SF 4:1 [ton]	For chain mm	L mm	B mm	E mm	F mm	G mm	H mm	Weight kg
23230060	BK-6-10	1,5	6	109	29	22	10	15	21	0,44
23230061	BK-7/8-10	2,5	7,8	138	37	28	11	17	26	0,79
23230062	BK-10-10	4,0	10	168	45	34	13	21	31	1,45
23230063	BK-13-10	6,7	13	207	55	44	16	30	40	2,70
23230064	BK-16-10	10,0	16	254	62	56	20	37	50	5,68
23230067	BK-20-10	16,0	19	289	68	60	22	44	65	9,22
23230066	BK-22-10	20,0	22	320	80	70	24	50	62	11,37



3.11 BKL swivel safety hook GrabiQ

Gunnebo, yellow painted

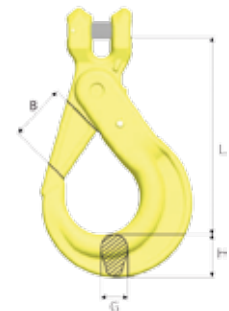
Art. no.	Type	WLL SF 4:1 [ton]	L mm	B mm	C mm	E mm	A mm	G mm	H mm	Weight kg
23230079	BKL-6-10	1,5	149	29	23	33	11	15	21	0,70
23230080	BKL-7/8-10	2,5	183	37	27	38	12	17	26	1,14
23230081	BKL-10-10	4,0	218	45	37	44	15	21	31	1,96
23230082	BKL-13-10	6,7	282	55	49	48	19	30	40	4,04
23230083	BKL-16-10	10,0	341	62	65	61	25	37	50	7,37



3.12 BKG safety hook GrabiQ

Gunnebo, yellow painted

Art. no.	Type	WLL SF 4:1 [ton]	L mm	B mm	G mm	H mm	Weight kg
23220040	BKG-6-10	1,5	91	29	15	21	0,46
23220044	BKG-8-10	2,5	121	37	17	26	0,88
23220048	BKG-10-10	4,0	144	45	21	30	1,48
23220052	BKG-13-10	6,7	180	55	30	40	3,16
23220056	BKG-16-10	10,0	219	62	37	50	5,82
23220060	BKG-20-10	16,0	240	68	44	62	9,69





3.13 Ram hook

Peck & Hale

Specifications:

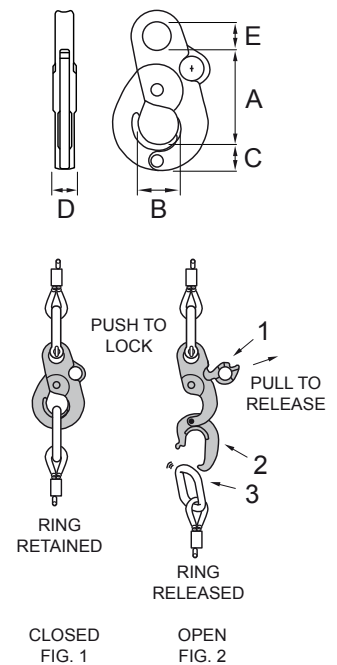
Art. no.	Material	Type	WLL kg	Min. break strength	Weight kg	Pull required to release load					A cm	B cm	C cm	D cm	E cm
						No load	Pull req'd	Max. load	Pull req'd						
20170443	Forged steel	H44-3	2040	8 170	0,9	0	7	1 590	36		11,4	2,8	2,3	2,4	2,4
20170449	Forged steel	H44-9	8170	32 520	5,5	0	16	4 540	54		17,8	5,5	4,2	5,1	3,8
20170440	Stainless steel	H44-3L	910	3 630	0,9	0	7	910	32		11,4	3,6	2,3	2,4	2,4

Precautions:

- Do not exceed the safe working limit
- Do not exceed the maximum working load limit
- The hooks are not delivered with certificate

Instructions for operation:

1. To close hook: Use a recommended ring (3). Engage the swing link (2), rotate the swing link to fully upright position. Snap the latch lock (1) against the hook body (see fig. 1). Tug on ring (3), to confirm proper engagement before applying load (see fig. 1).
2. To open hook: Pull on latch lock (1). Swing link (2) will open allowing fittings to be released (see fig. 2)
3. A lanyard must be attached to the latch lock (1) for remote release.

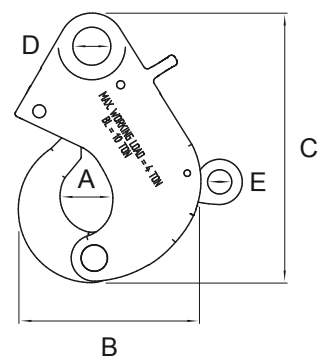


3.14 BOSS quick release hook

Art. no.	Type	WLL (ton)	MBL	A mm	B mm	C mm	D mm	E mm	Weight kg
20170000	BOSS RH 2 T - for lifting	2	-	35	115	165	23	16	1,6
20170001	BOSS RH 2 T - for towing	-	10	35	115	165	23	16	1,6

For lifting: WLL 2T, SF 5:1

For towing: WLL 4T, SF 2,5:1

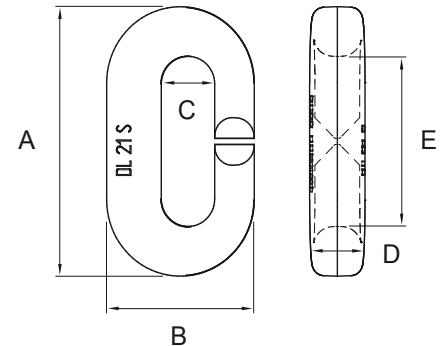




3.15 BOSS DL split-link

2324 stainless steel

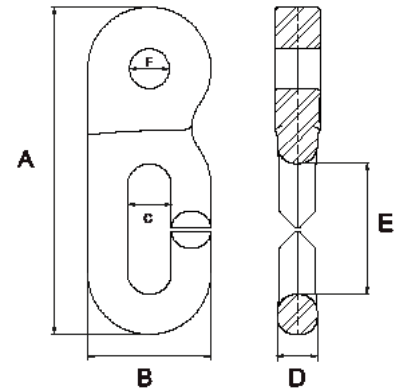
Art. no.	Type	WLL SF 5:1 [ton]	A mm	B mm	C mm	D mm	E mm	Weight kg
23040001	DL 18 S	0,2	76	44	18	15	50	0,18
23040002	DL 19 S	0,4	80	51	24	19	49	0,29
23040003	DL 20 S	0,5	83	56	23	18	49	0,32
23040004	DL 21 S	1,4	113	65	23	24	70	0,64
23040005	DL 22 S	1,3	110	74	33	23	70	0,61



3.16 BOSS DL hook split-link with eye

2324 stainless steel

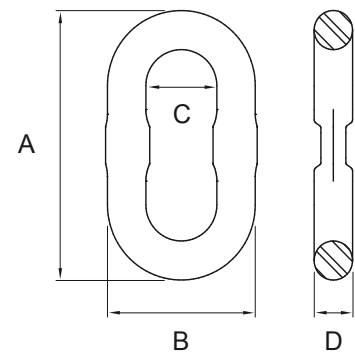
Art.no.	Type	WLL SF 5:1 [ton]	A mm	B mm	C mm	D mm	E mm	F mm	Weight kg
23030000	DL 21 S w/eye	1,4	173	65	23	24	70	21	1,35



3.17 BOSS recessed link

2324 stainless steel and S 165 M

Art. no.	Type	WLL SF 5:1 [ton]	A mm	B mm	C mm	D mm	Weight kg
20140303	L 3 S	3	140	82	34	20	0,8
20140304	L 3 S S 165 M	4	140	82	34	20	0,8
20150606	L 6 S	6	176	103	50	27	1,6
20000070	L 6 S S 165 M	8	176	103	50	27	1,6
20151012	L 10 S S 165 M	12	176	103	50	27	1,6

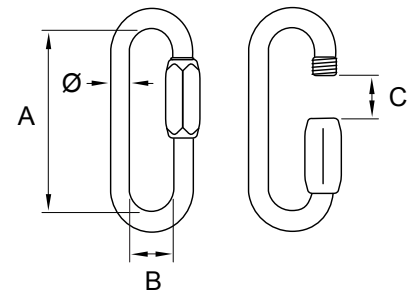




3.18 P-link

Stainless steel

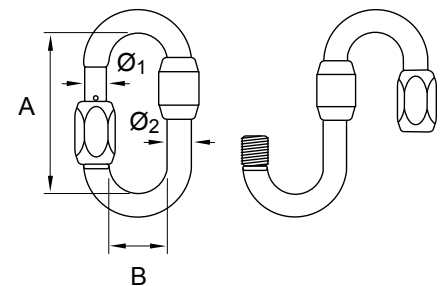
Art. no.	Type	Ø-size mm	WLL SF 5:1 [ton]	A mm	B mm	C mm	kg/100	Wrench size mm
23140002	DQ05SSO	5	0,45	39	13	6,5	2,1	9
23140004	DQ06SSOL	6	0,58	59	14	15,0	4,2	11
23140006	DQ08SSOL	8	0,98	72	17	18,0	9,3	14
23140007	DQ10SSO	10	1,60	85	20	20,0	16,0	16
23140008	DQ12SSO	12	2,20	100	23	23,0	27,0	18
23140009	DQ14SSO	14	3,10	115	27	27,0	42,0	22
23140010	DQ16SSO	16	4,00	150	38	28,0	75,0	27
23140011	DQ19SSO	19	5,50	175	43	32,0	120,0	32
23140012	DQ22SSO	22	7,00	210	60	36,0	190,0	36



3.19 P-link

Stainless steel

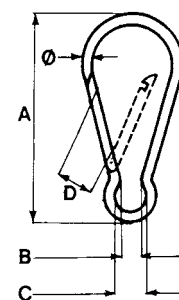
Art. no.	Type	Ø1 mm	Ø2 mm	WLL SF 5:1 [ton]	A mm	B mm	Weight kg	Wrench size mm
23140015	DQ30SSO	25	30	12,0	170	55	3,20	41



3.20 Carabine hook

Stainless steel

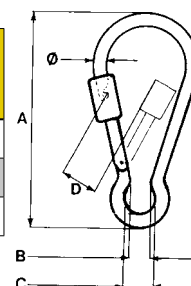
Art. no.	Type	Ø-size mm	WLL SF 5:1 [ton]	A mm	B mm	C mm	D mm	Weight kg/100
23122006	DCX-06-SS	6	0,12	60	8	11	9	2,8
23122007	DCX-07-SS	7	0,18	70	8	13	9	4,4
23122008	DCX-08-SS	8	0,23	80	8	13	9	6,6
23122010	DCX-10-SS	10	0,35	100	10	16	12	13,0
23130006	DCX-11-SS	11	0,45	120	11	18	16	19,0
23130007	DCX-12-SS	12	0,57	140	13	20	19	25,6



3.21 Carabine hook safety

Stainless steel

Art. no.	Type	Ø-size mm	WLL SF 5:1 [ton]	A mm	B mm	C mm	D mm	Weight kg/100
23141008	DCX08SSS	8	0,7	80	9	13	8	7,2
23141010	DCX10SSS	10	1,1	100	12	16	10	13,2
23141011	DCX11SSS	11	1,3	120	13	19	15	19,1



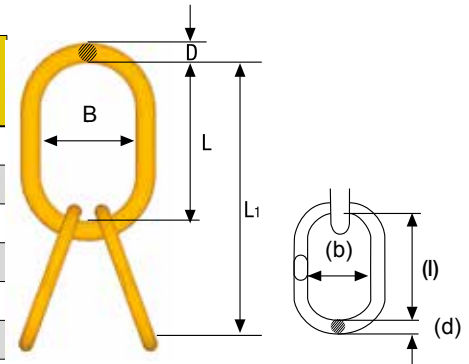


3.22 MT master link

Gunnebo, yellow painted

Art. no.	Type	WLL [ton]	L ₁ mm	L mm	B mm	D mm	(l) mm	b mm	d mm	Weight kg
23210800	MT-8-10*	5,2	300	160	95	22	140	80	17	3,0
23211000	MT-10-10*	11,5	360	200	120	30	160	95	22	6,4
23211002	MT-13-10*	17,0	440	250	150	40	200	110	28	14,6
23211600	MT-16-10*	28,0	500	300	200	50	200	120	32	22,8
23211900	MT-20-10*	35,0	550	300	200	55	250	150	40	33,7
23212200	MT-22-10	53,0	610	350	200	60	260	140	45	45,0

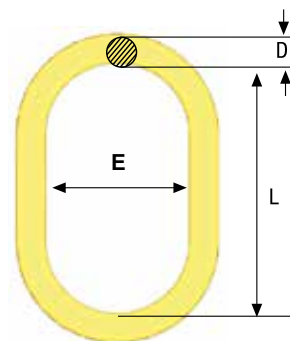
* with flattened section in two connected links.



3.23 M master link GrabiQ

Gunnebo, yellow painted

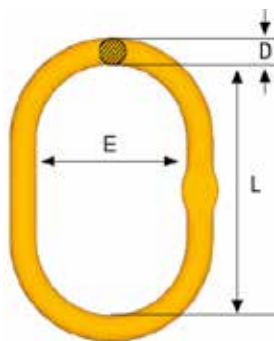
Art. no.	Type	WLL [ton]	L mm	E mm	D mm	Weight kg
23211019	M-19-10	12	200	120	30	3,4
23213407	M-2622-10	28	250	150	42	7,8
23213413	M-32-10	33	300	180	45	11,8
23213408	M-3226-10	43	300	200	50	15,0
23213409	M-3632-10	56	350	200	55	20,7
23213411	M-4536-10	70	375	210	60	25,8



3.24 MF master link

Gunnebo, yellow painted

Art. no.	Type	WLL [ton]	L mm	E mm	D mm	Weight kg
23213400	MF-86-10	2,5	125	70	14	0,4
23213401	MF-108-10	4,0	140	80	17	0,8
23213402	MF-1310-10	7,5	160	95	22	1,4
23213403	MF-1613-10	10,0	190	110	28	2,8
23213404	MF-2016-10	17,0	240	140	34	5,2
23213406	MF-2220-10	25,0	250	150	40	7,7

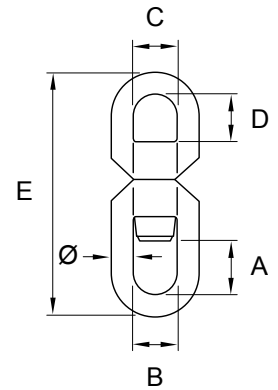




3.25 Swivel

Stainless steel

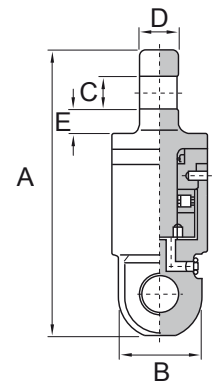
Art. no.	Type	Size Ø	WLL SF 5:1 [ton]	A mm	B mm	C mm	D mm	E mm	Weight kg
23120020	A 10 SS	3/8"	1,1	30	28	20	20	110	0,23
23120021	A 12 SS	1/2"	1,6	29	28	27	30	140	0,36
23120022	A 16 SS	5/8"	3,2	43	38	35	47	180	0,89
23120023	A 19 SS	3/4"	4,7	45	39	38	40	205	1,80
23120025	A 22 SS	7/8"	6,3	45	40	40	42	222	2,25
23120027	A 25 SS	1"	8,3	52	50	42	52	278	4,10
23120029	A 32 SS	1 1/4"	12,0	60	50	50	98	350	8,15
23120030	A 38 SS	1 1/2"	18,0	72	58	58	112	390	13,00



3.26 Swivel with bronze bushing

Stainless steel

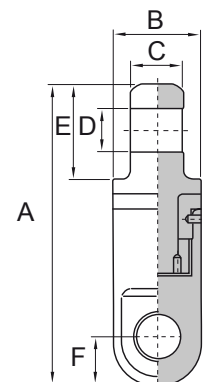
Art. no.	Type	WLL SF 5:1 [ton]	A mm	B mm	C mm	D mm	E mm	Weight kg
23121533	SW 33 S	3	156	52	20	26	15	1,7
23121535	SW 35 S	5	180	57	25	31	15	2,3
23121560	SW 60 S	6	211	62	34	31	15	3,0
23121540	SW 40 S	15	335	105	48	51	32	12,8



3.27 Swivel with bronze bushing

Stainless steel

Art. no.	Type	WLL SF 5:1 [ton]	A mm	B mm	C mm	D mm	E mm	F mm	Weight kg
23121450	A 304	4	169	49	29	26	50	25	1,6
23121452	A 306	6	197	58	34	30	60	31	2,7
23121454	A 308	8	224	68	40	34	69	35	4,4



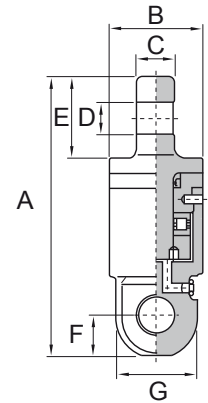


3.28 Swivel with ball bearing

Blue painted

Art. no.	Type	WLL SF 5:1 [ton]	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Weight kg
23121401	A 401	1	126	43	16	15	36	18	35	0,60
23121402	A 402	2	157	54	20	20	45	22	45	1,50
23121403	A 403	3	189	65	27	26	55	28	55	2,75
23121405	A 405	5	220	70	33	30	64	33	60	3,90
23121408	A 408	8	250	85	42	34	73	39	75	6,70
23121412	A 412	12	295	95	50	41	86	45	86	10,60
23121417	A 417	17	360	120	57	45	113	55	108	18,50
23121422	A 422	22	435	131	60	52	118	63	118	29,70
23121432	A 432	32	500	160	65	59	132	73	140	45,00

With tapered roller thrust bearing, greasable.



3.29 Turnbuckle, swivel and fork termination

Stainless steel

Art. no.	Type	MBL [ton]	Adjustment mm	Max. length mm
23180015	M20	16	70	325

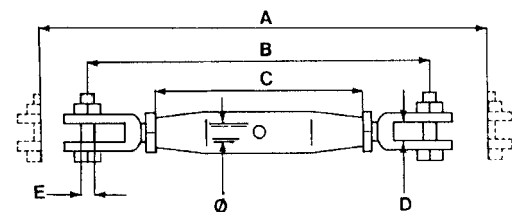
Specially designed for aligning chains in towing arrangements, gun arrays etc.



3.30 Turnbuckle, fork termination

Stainless steel

Art. no.	Size mm	WLL kg	A mm	B mm	C mm	D mm	E mm	Weight kg/100
23180005	5	180	180	126	80	8	5	5,1
23180006	6	250	200	138	92	8	5	9,0
23180008	8	350	234	158	112	10	6	14,0
23180010	10	700	272	188	120	11	8	24,0
23180012	12	1 020	350	244	150	14	12	52,5
23180016	16	1 600	446	313	190	18	14	100,0
23180020	20	2 600	550	390	220	18	19	197,0



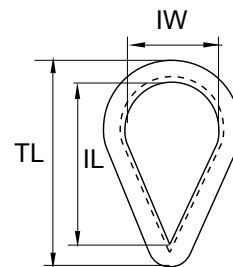


4 THIMBLES

4.1 Standard thimble

Galvanized

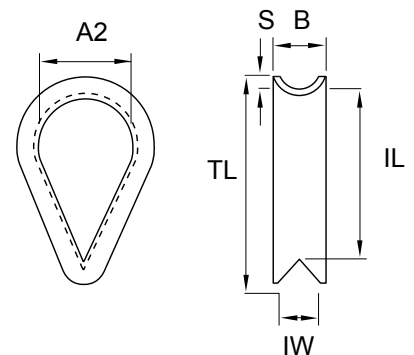
Art. no.	TL mm	IL mm	IW mm	Wire dia. mm
23091106	51	35	22	7-9
23091110	63	47	30	10-11
23091112	76	57	35	12-13
23091116	89	65	45	14-16
23091122	102	76	50	17-18
23091120	114	86	53	19-20
23091124	127	94	60	20-21
23091128	140	107	65	21-23
23091132	152	114	70	24-26



4.2 Standard thimble

Stainless steel

Art. no.	TL mm	IL mm	IW mm	A2 mm	B mm	S mm	Wire dia. mm
23091301	22	17	3	9	5,0	1,0	2
23091302	25	18	4	10	5,5	1,0	3
23091303	27	20	5	11	7,5	1,2	4
23091306	32	21	6	13	8,5	1,2	5
23091307	38	27	7	15	10,0	1,5	6
23091308	45	33	8	19	11,0	1,5	7
23091309	50	38	9	22	13,0	2,0	8
23091310	58	41	10	24	14,0	2,0	9
23091312	65	48	11	27	15,5	2,5	10
23091314	70	53	14	29	17,0	2,5	12
23091316	79	57	16	32	19,0	3,0	14
23091318	90	67	18	40	22,0	3,0	16
23091320	102	75	20	45	25,0	4,0	18
23091322	115	84	22	52	27,0	4,0	20
23091326	125	96	24	56	30,0	5,0	22
23091328	150	115	28	65	33,0	6,0	26

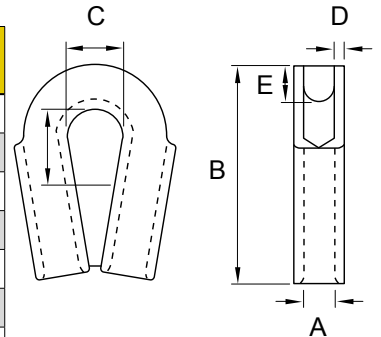




4.3 Tubular thimble, heavy duty

Stainless steel

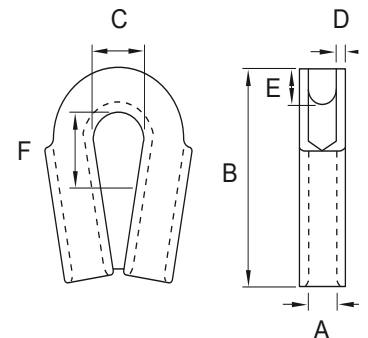
Art. no.	Type	A mm	B mm	C mm	D mm	E mm	F mm	Weight kg/pcs.	For wire max., mm	For rope max., mm
23090815	G 815 K	15	91	27	5	9	32	0,41	12	10-12
23090820	G 819 K	19	113	31	5	11	46	0,62	16	13-16
23090824	G 824 K	24	136	46	5	15	57	1,11	21	18-21
23090828	G 827 K	27	142	45	5	15	62	1,36	24	21-24
23090830	G 831 K	31	163	48	7	19	66	1,92	28	25-28
23090838	G 839 K	39	179	60	5,5	20	83	1,79	35	29-36
23090849	G 848 K	48	220	74	5,5	32	82	2,90	44	36-44
23090860	G 860 K	60	260	81	8,5	38	90	5,90	54	44-54



4.4 Tubular thimble

Blue painted

Art. no.	Type	A mm	B mm	C mm	D mm	E mm	F mm	For wire max., mm	For rope max., mm	K type art. no.
23090013	G 712	12	84	23	4,0	8	24	10	10-11	
23090014	G 715	15	95	27	5,0	10	31	12	14	
23090015	G 717	17	100	27	5,0	10	38	14	16	23090217
23090016	G 719	19	112	32	5,0	12	46	16	18	23090219
23090017	G 722	22	125	35	5,0	15	47	18	20	23090222
23090018	G 725	25	150	45	6,3	16	65	22	24	23090008
23090023	G 728	28	157	45	7,0	16	56	24	26	23090004
23090019	G 730	30	170	47	7,0	18	68	25	28	23090009
23090020	G 735	35	190	60	7,0	22	73	32	23-34	23090000
23090022	G 745	45	228	70	7,0	27	94	38	42	23090245

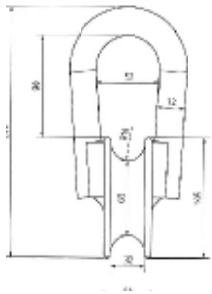




4.5 Solid thimble

Stainless steel

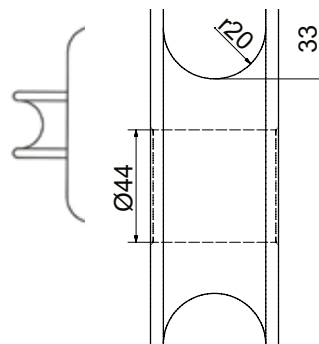
Art. no.	Type	Description	Ø-dia mm	Hole size mm	For rope mm
20012125	G10-32SS-32/105	Thimble w/bow FG 105 mm SS F/30 mm ROPE 10T	105	-	30
20012080	GHR-25SS-24/80	Thimble w/bow FG 80 mm SS F/22 mm ROPE 8T	80	-	22
20012130	GRB-32/130	Thimble, rope 125X46-Ø 37	130	37	32
20012150	GRB-40/150	Thimble, rope 150x40-Ø 44	150	44	40



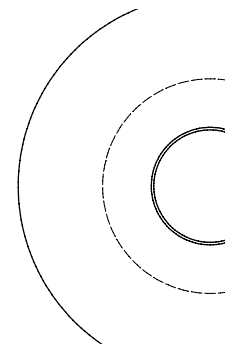
20012125



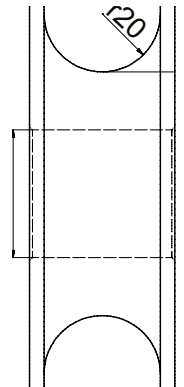
20012080



20012130



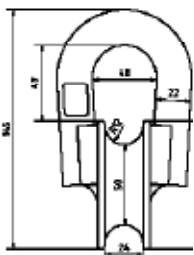
20012150



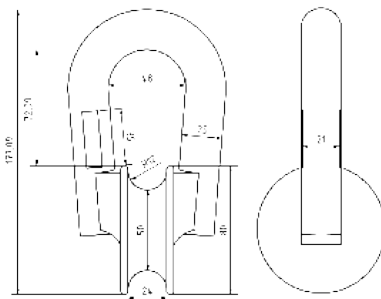
4.6 Solid thimble with link, for fiber rope

Stainless steel

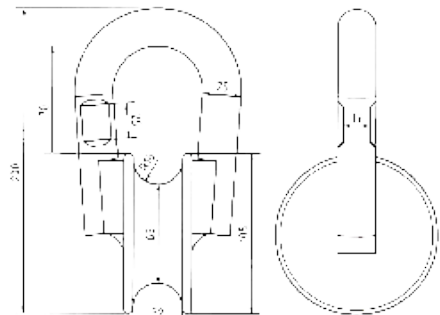
Art. no.	Type	Description
20010103	GHR3-22SS-24/80	Thimble w/link for BOSS GH3S G-hook (3 and 4 tons)
20010106	GHR6-25SS-24/80	Thimble w/link for BOSS GH6S G-hook (6 and 8 tons)
20001013	GHR8-25SS-32/105	Thimble w/link for EVG10



20010103



20010106



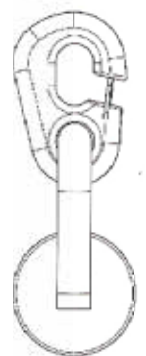
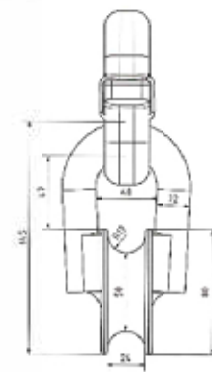
20001013



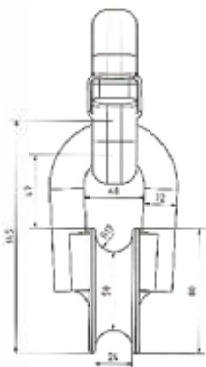
4.7 Solid thimble with hook

Stainless steel

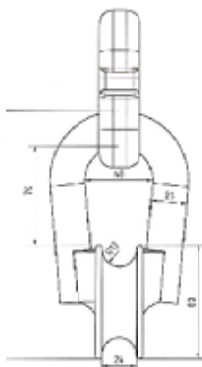
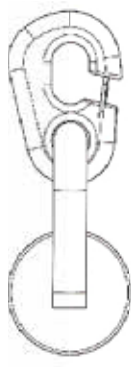
Art. no.	Type	Description	WLL [ton]
20010003	GH3-22SS-24/80	Thimble w/BOSS GH3S G-hook	3
20010004	GH4-22SS-24/80	Thimble w/BOSS GH3S Safety G-hook S 165 M	4
20010006	GH6-25SS-24/80	Thimble w/BOSS GH6S G-hook	6
20010007	GH8-25SS-32/105	Thimble w/BOSS GH6S Safety G-hook S 165 M	8



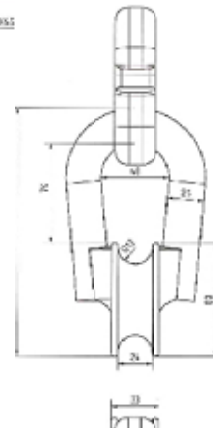
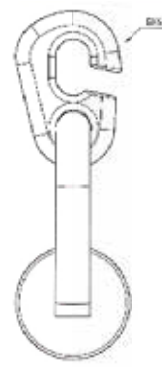
20010003



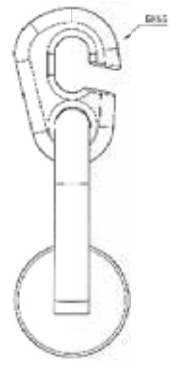
20010004



20010006



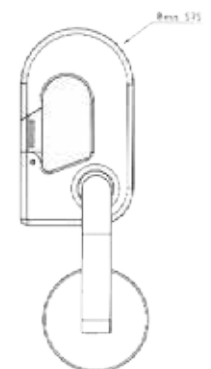
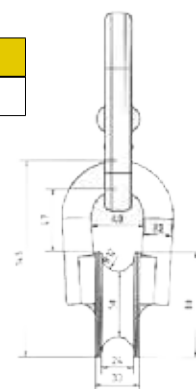
20010007



4.8 Solid thimble with BOSS 7 S hook

Stainless steel

Art. no.	Type	Description
20010107	GS7 S-22SS-24/80	Solid thimble with BOSS 7 S hook



20010107



5 BOLTS AND NUTS

5.1 Bumax 88, bolts and nuts

Stainless steel

BUMAX 88 and 109 fasteners are developed to achieve ultimate tensile and yield strength values in line with those of steel-screws in class 8.8 and 10.9. BUMAX products can also give top performance long after standard fasteners have reached their limits. The difference, compared to conventional products, is especially noticeable in extreme environments.

BUMAX fasteners are manufactured from a new variant of acid-proof Swedish steel SS 14.2343. The striking feature of the steel's composition is its low Carbon content and increased content of Chromium and Nickel.

Art. no.	Description		DIN	ISO
20116090	Bolt M 16 x 90 mm A4 BUMAX 88	partly threaded		4014
20116100	Bolt M 16 x 100 mm A4 BUMAX 88	partly threaded		4014
20120080	Bolt M 20 x 80 mm A4 BUMAX 88	partly threaded		4014
20120090	Bolt M 20 x 90 mm A4 BUMAX 88	partly threaded		4014
20120100	Bolt M 20 x 100 mm A4 BUMAX 88	partly threaded		4014
20120110	Bolt M 20 x 110 mm A4 BUMAX 88	partly threaded		4014
20120120	Bolt M 20 x 120 mm A4 BUMAX 88	partly threaded		4014
20120150	Bolt M 20 x 150 mm A4 BUMAX 88	partly threaded		4014
20101600	Nut, A4 stainl. Nylock M16	with wax	985	
20102000	Nut, A4 stainl. Nylock M20	with wax	985	
20103000	Nut, A4 stainl. Nylock M30	with wax	985	



All types of bolts, nuts, washers etc. available in different materials.

5.2 Lanfranco self-locking nut

Stainless steel A4-80

Art. no.	Type	Height mm
20103016	Self-locking nut ESL M16	17
20103020	Self-locking nut ESL M20	21
20103017	Self-locking nut HMS M16	8



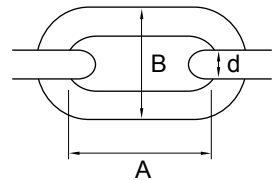


6 CHAIN AND CHAIN CONNECTORS

6.1 Long link chain

DIN 763, stainless steel

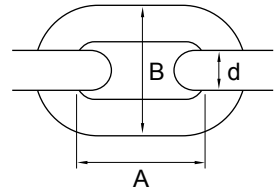
Art. no.	Type	MBL kg	d mm	A mm	B mm	Weight kg
24203050	LL-02-316	125	2	22	8	0,15
24203060	LL-03-316	410	3	26	12	0,20
24204000	LL-04-316	650	4	32	16	0,27
24204001	LL-05-316	1 300	5	36	20	0,43
24204005	LL-06-316	1 800	6	42	24	0,63
24204060	LL-08-316	3 200	8	54	32	1,10
20610316	LL-10-316	8 300	10	66	40	1,75
20613316	LL-13-316	14 500	13	82	50	2,95
20616316	LL-16-316	22 500	16	98	60	4,50
20619316	LL-19-316	18 400	19	127	76	6,50



6.2 Chain

Stainless steel

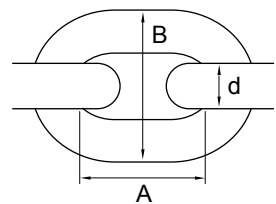
Art. no.	Type	MBL kg	d mm	A mm	B mm	Weight kg
20616317	ML-16-316-M	22 500	16	80	60	4,8



6.3 Short link chain

DIN 766, stainless steel

Art. no.	Type	MBL kg	d mm	A mm	B mm	Weight kg
24204036	KL-03-316	410	3	16,0	11	0,22
24204040	KL-04-316	650	4	16,0	14	0,32
24204042	KL-05-316	1 300	5	18,5	17	0,50
24204046	KL-06-316	1 800	6	18,5	20	0,75
24204047	KL-07-316	2 500	7	22,0	23	1,00
24204050	KL-08-316	3 200	8	24,0	26	1,35
20620316	KL-10-316	8 300	10	28,0	34	2,25
20623316	KL-13-316	14 500	13	36,0	44	3,80
20626316	KL-16-316	22 500	16	45,0	54	5,80

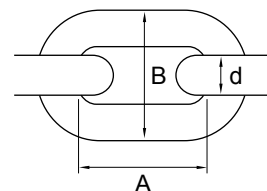




6.4 Mid-link chain

Alloy, grade 80. For deflector and gun hang.

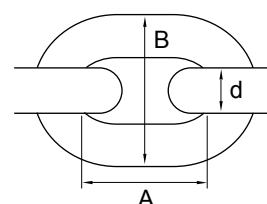
Art. no.	Type	MBL kg	d mm	A mm	B mm	Weight kg
24110057	22	60 000	22	88	74	9,6
24120004	24	73 400	24	82	79	11,9



6.5 Short link chain

Alloy, grade 80

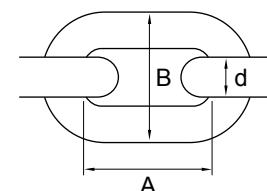
Art. no.	Type	MBL kg	d mm	A mm	B mm	Weight kg
24110001	10	12 600	10	30	34	2,2
24110002	13	21 400	13	39	43	3,4
24110003	16	32 000	16	48	54	5,3
24110005	19	45 000	19	57	64	8,0
24110050	22	60 000	22	66	74	11,0



6.6 Mid-link chain

Alloy, grade 80

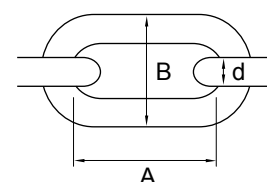
Art. no.	Type	MBL kg	d mm	A mm	B mm	Weight kg
24110014	10	12 600	10	40	34	2,0
24110006	13	21 400	13	50	44	3,0
24110007	16	32 000	16	65	61	5,1
24110008	19	45 000	19	75	67	7,1



6.7 Long link chain

Alloy, grade 80

Art. no.	Type	MBL kg	d mm	A mm	B mm	Weight kg
24110009	9	10 200	9	57	34	1,4
24110010	11	15 400	11	66	40	2,1
24110011	13	21 400	13	80	48	2,7
24110012	16	32 000	16	100	58	4,3
24110013	19	45 000	19	100	66	6,5
24110060	22	60 000	22	120	76	8,5
24110064	28	98 000	28	150	95	14,0
24110068	32	128 000	32	170	108	18,2

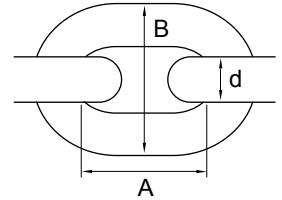




6.8 Short link lifting chain

Alloy, grade 80

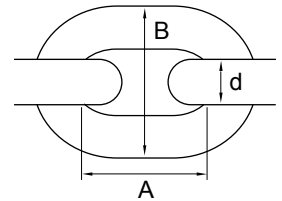
Art. no.	Dimension mm	MBL kg	d mm	A mm	B mm	Weight kg
24110020	7	6 000	7	21	24	1,1
24110025	10	12 600	10	30	34	2,2
24110029	13	21 400	13	39	43	3,4
24110031	16	32 000	16	48	54	5,3



6.9 Short link lifting chain

Grade 100

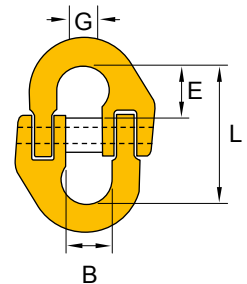
Art. no.	Dimension mm	WLL SF 4:1 [ton]	Proof load, [ton]	Min.break force, [ton]	d mm	A mm	B mm	Weight kg
24110033	16	10	25	40,2	16	48	53,0	5,6



6.10 GF chain connector

Gunnebo, grade 80

Art. no.	Type	MBL [ton]	L mm	B mm	G mm	E mm	Weight kg
23350010	GF 10-8	3,2	68	25	11	26	0,3
23350013	GF 13-8	5,4	89	30	15	34	0,7
23350016	GF 16-8	8,0	106	36	19	41	1,1
23350018	GF 18/20-8	12,5	128	43	22	49	1,8
23350022	GF 22-8	15,5	150	50	24	59	3,0
23350026	GF 26-8	21,6	160	58	29	61	4,6
23350032	GF 32-8	32,0	200	70	36	78	8,6





7 SHOCK ABSORBERS

7.1 Moulded rubber spacer

Special soft-mix reinforced quality for shock-absorption:

Art. no.	Size AxBxC	Weight in air, kg	Weight in sea, kg
20316510	165 x 100 x 75 mm	2	0,3
20317117	171 x 178 x 75 mm	4	0,6



7.2 Bettis shock absorber

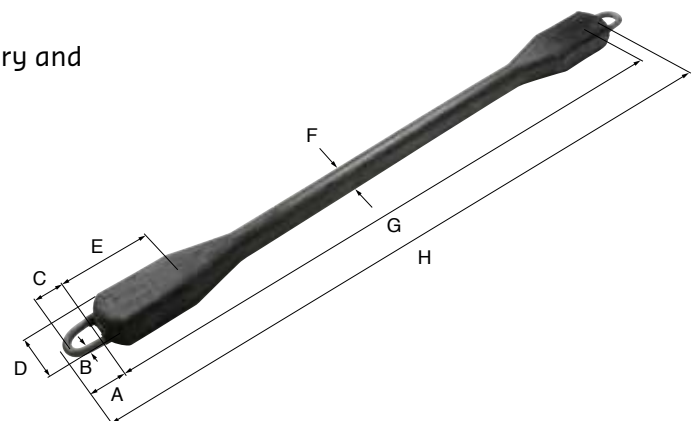
Single replacement rubber

Art. no.	
20221201	Single replacement rubber 1 200 lbs bettis, stainless steel ends
20221204	4-unit shock absorber, stainless steel end fittings
20221206	6-unit shock absorber, stainless steel end fittings



I mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	Weight kg
60	60	14	49	100	250	52	1 230	1 350	6

Complete four and six unit boat snubber with ordinary and stainless steel eyes and terminations.





8 BLOCKS

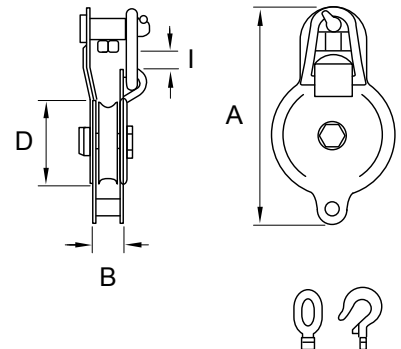
SNATCH BLOCKS

8.1 Snatch block, KS-type

Galvanized

Art. no.	Type	WLL SF 5:1 [ton]	A mm	B mm	D mm	I mm	Weight kg
26011120	KS2-1ECG	2,0	225	24	110	18	3,7
26011131	KS3-1ECG	3,0	300	28	150	18	7,5
26011140	KS4-1ECG	4,0	330	35	185	22	13,5
26011160	KS6-1ECG	6,0	378	41	210	24	19,4

O = Bronze bearing in sheave 1 = Ball bearing in sheave
 E = Swivel eye C = Tested/certified
 G = Galvanized H = Hardened sheave

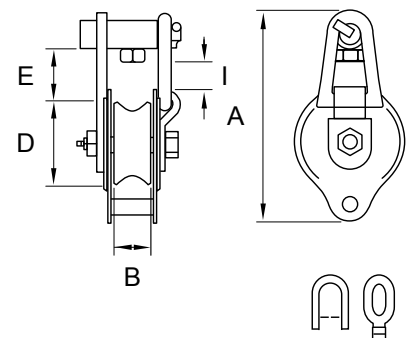


8.2 Snatch block, KS-type medium wide

Galvanized

Art. no.	Type	WLL SF 5:1 [ton]	A mm	B mm	D mm	E mm	I mm	Weight kg
26011340	KS-40-1ECG	3,5	250	45	110	45	38	7,5
26011363	KS-50-1ECG	4,6	325	60	150	80	60	15,2
26011361	KS-60-1ECG	6,0	375	60	215	50	50	24,0

O = Bronze bearing in sheave 1 = Ball bearing in sheave
 E = Swivel eye C = Tested/certified
 G = Galvanized H = Hardened sheave

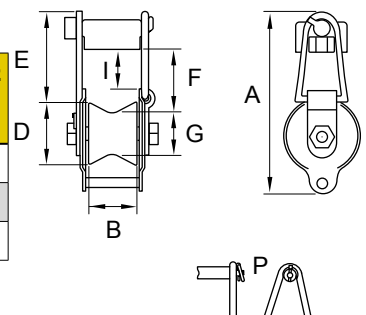


8.3 Snatch block, KS-type wide

Galvanized

Art. no.	Type	WLL SF 5:1 [ton]	A mm	B mm	D mm	E mm	F mm	G mm	I mm	Weight kg
26011390	KS 110-1 ECG	3,0	255	85	110	68	85	70	45	10,0
26012157	KS 150-1 ECG	5,0	330	85	150	75	85	110	55	19,2
26012158	KS 215-1 ECGP*	8,0	425	100	215	95	100	170	63	39,5

*KS 215-1 EP – Available only with split at locking device.
 O = Bronze bearing in sheave 1 = Ball bearing in sheave
 E = Swivel eye C = Tested/certified
 G = Galvanized





8.4 Single sheave block, KT-type

Galvanized

Art. no.	Type	WLL SF 5:1 [ton]	A mm	B mm	C mm	D mm	Weight kg
26012210	KT 1-1ECGB	1,0	163	22	16	80	1,7
26012220	KT 2-1ECGB	2,0	195	24	22	110	3,1
26012230	KT 3-1ECGB	3,0	257	28	31	150	6,4
26012240	KT 4-1ECGB	4,4	330	35	40	185	11,1
26012260	KT 6-1ECGB	6,0	365	42	40	210	17,0

1 = Ball bearing, KT1, KT2,
sealed ball bearings. KT3, KT4,
KT6 greasable ball bearings.

0 = Bronze bushing

E = Swivel eye

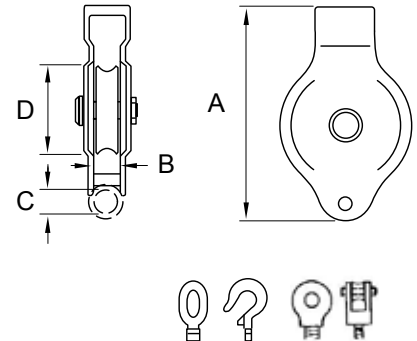
K = Swivel hook

F = Swivel fork, KT4, KT6

S = Swivel shackle eye, KT4, KT6

B = Becket

C = Certificate



8.5 Double sheave block, KT-type

Galvanized

Art. no.	Type	WLL SF 5:1 [ton]	A mm	B mm	C mm	D mm	Weight kg
26013210	KT 1D-1ECGB	1,0	187	22	16	80	3,1
26013220	KT 2D-1ECGB	2,0	224	24	22	110	5,2
26013230	KT 3D-1ECGB	3,0	296	28	31	150	11,0
26013240	KT 4D-1ECGB	4,0	385	35	40	185	19,0
26013260	KT 6D-1ECGB	6,0	425	42	40	210	27,8

1 = Ball bearing, KT1, KT2,
sealed ball bearings. KT3, KT4,
KT6 greasable ball bearings.

0 = Bronze bushing

E = Swivel eye

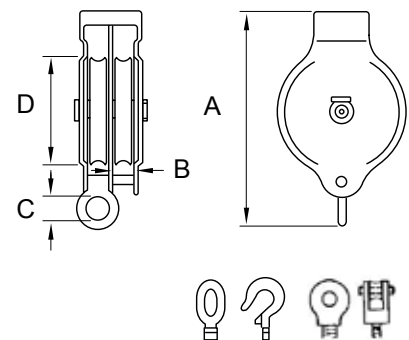
K = Swivel hook

F = Swivel fork, KT4, KT6

S = Swivel shackle eye, KT4, KT6

B = Becket

C = Certificate



8.6 Single nylon sheave block, KT-type

Galvanized

Art. no.	Type	WLL SF 5:1 [ton]	A mm	B mm	C mm	D mm	Weight kg
26014110	KT 1-NECGB	1,0	163	22	16	80	1,3
26014120	KT 2-NECGB	2,0	195	24	22	110	2,1
26014130	KT 3-NECGB	3,0	257	28	31	150	4,1

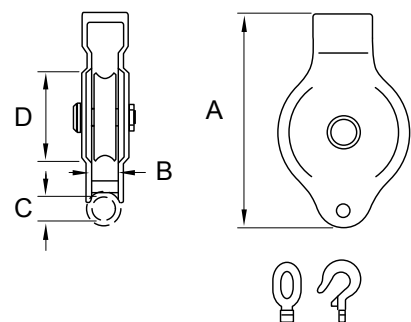
E = Swivel eye

K = Swivel hook

B = Becket

C = Certificate

N = Nylon sheave

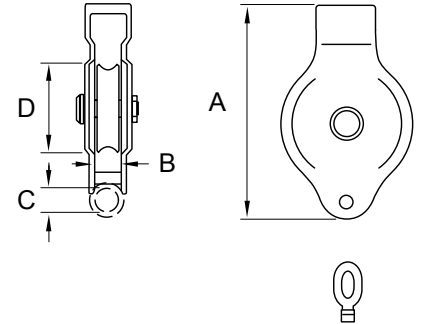




8.7 Single sheave block KT-type

Stainless steel

Art. no.	Type	WLL SF 5:1 [ton]	A mm	B mm	C mm	D mm	Weight kg
26016010	KT 1-1ESSC	1,0	163	22	16	80	1,7
26016020	KT 2-1ESSC	2,0	195	24	22	110	3,2





9 TOOLS AND EQUIPMENT

9.1 Eishin swaging machine

Art. no.	Description
20070008	Eishin swaging machine
20070105	Press dye for 5 mm
20070108	Press dye for 8 mm
20070110	Press dye for 10 mm
20070112	Press dye for 12 mm
20070114	Press dye for 14 mm
20070116	Press dye for 16 mm
20070118	Press dye for 18 mm

	EH-8	ED-8
	Hand	Motor
Splicing max. dia.	W 14ø ordinary clamp S 20ø flemish eye clamp	
Time required	41 sec.	16 sec.
Capacity	80 T	
Max. oil pressure	700 kg/cm ²	
Power & voltage		1Ø 100 V 0,4 KW
Weight	54 kg	75 kg
Dimensions	390X610 X400mm	320X680 X500mm



9.2 Chain cutter

Art. no.	Description
20071106	Chain cutter SS1SH Sevalink 70T 700 bar Ø-max. 26 mm, grade 100
20071108	Set of knives SS4SH grade 100

The cutter is operated with Enerpac turbopump PATG 1102N or PATG 1105N (specifications on the following page).



9.3 Loadbinder Lebus

Art. no.	For chain	Tighten length	Br. load kp	Weight kg
23240008	7-10 mm	200	8650	4,6
23240010	10-13 mm	200	13000	5,3
23240013	13-16 mm	350	20500	6,8



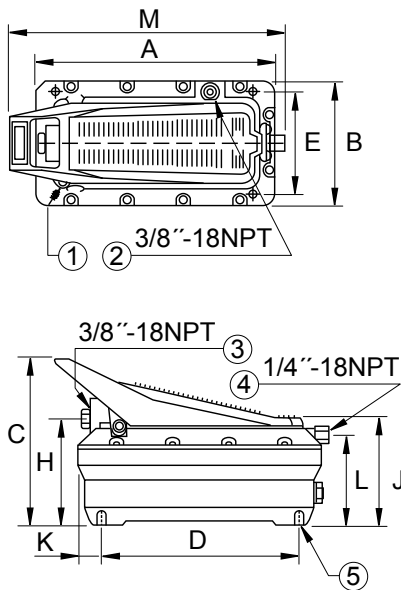


9.4 Enerpac pump

Maximum operating pressure: 700 bar
 Flow at rated pressure: 0,13 l/min
 Air consumption: 340 l/min

Art. no.	Model	Usable oil capacity	A mm	B mm	C mm	D mm	E mm	H mm	J mm	K mm	L mm	M mm	Weight kg
20071102	PATG 1102N	2 081 cm ³	306	157	208	229	101	128	137	38	112	347	6,4
20071105	PATG 1105N	4 227 cm ³	396	201	216	229	101	137	146	83	120	437	9,1
20071101	Hose 1,8 m for Enerpac w/CH604												

- 1 - Filtered "Permanent" tank vent
- 2 - Return-to-tank/Auxiliary vent / Fill tank port
- 3 - Hydraulic output
- 4 - Swivel air input with filter
- 5 - 4 mounting holes for #10 thread forming screw. Max. depth into reservoir = 19 mm





9.5 Cable grip

Art. no.	Eye dia. mm	Type	Min. cable dia. mm	Max. cable dia. mm	Average br. strength kg	Working load kg	Tail length mtr	Eye size mm
20992401	11	OG-1	5	13	2 273	455	1,52	152
20992402	14	OG-2	6	19	4 545	909	1,83	152
20992403	17	OG-3	10	22	6 818	1 363	2,13	152
20992404	22	OG-4	13	25	11 364	2 273	2,44	203
20992405	25	OG-5	16	29	18 182	3 636	3,05	203
20992406	32	OG-6	22	44	27 273	5 455	6,10	305
20992407	38	OG-7	29	76	45 455	9 091	7,62	406
20992408	44	OG-8	35	90	54 545	10 909	8,53	457
20992409	50	OG-9	40	100	68 182	13 636	10,36	508



We supply a range of cable grips manufactured from Kevlar, Technora or Vectran in a flat braid form. These grips can be used as permanent or temporary attachment points on all types of cable or rope, either mid-length or at the ends. The grips are available in a wide range of sizes and lengths and can be tailored to suit customers' particular requirements. The chart details the range of breaking strengths available as standard. Simply plait the tails in pairs around the cable and attach at the reinforced eye. Cable grips are extremely versatile, flexible, reusable and non-metallic. No specialised tools are required to fit the cable grips.

Please specify umbilical or rope diameter when ordering for the appropriate tail length to be supplied. This is especially important in the case of large diameter umbilicals where tail lengths will be longer than those specified. All cable grips are supplied complete with either a removable galvanised steel thimble or double reinforced soft eye, unless specified otherwise.

9.6 Chinese finger

Art. no.	Article	Size
20992310	Open chinese finger L = 2,3 m WLL 2,0 t (SF = 5:1) SS	for 5" cable
27022690	Chinese finger	10 - 15 mm
27022692	Chinese finger	15 - 24 mm
27022700	Chinese finger	22 - 32 mm
27023200	Chinese finger	32 - 45 mm
27023202	Chinese finger	44 - 55 mm



9.7 Safety Lanyard

Art. no.	Article
20990355	0,55 m length with eye and stainless steel Wichard hook





9.8 Bandimex

Stainless steel

Art. no.	Article
20060010	Band-it band 3/8" band
20060012	Band-it band 1/2" band
20060016	Band-it band 5/8" band
20060019	Band-it band 3/4" band
20061010	Band-it 3/8" buckle
20061012	Band-it 1/2" buckle
20061016	Band-it 5/8" buckle
20061019	Band-it 3/4" buckle
20062000	Band-it tool



9.9 Tape

Art. no.	Article
27009031	Denso tape, length 10 m, width 50 mm
27009030	Silver million tape, length 20 m, width 50 mm
27009032	Bulldog tape, length 20 m, width 50 mm

9.10 Heaving line with ball

Art. no.	Article	Size
27009200	Ball only	3,5"
27009210	Complete line	28 m





9.11 Marline spikes for wire

Hardened steel

Art. no.	Article	Size
27006110	EM 260 CH	260 mm
27006112	EM 310 CH	310 mm
27006114	EM 350 CH	350 mm
27006118	EM 430 CH	430 mm
27006120	EM 510 CH	510 mm
27006128	EM 700 CH	700 mm



9.12 Fid for splicing of fiber ropes

Stainless steel

Art. no.	Article	Size
27006217	EM 170 SS	170 mm
27006228	EM 280 SS	280 mm
27006230	EM 305 SS	305 mm
27006238	EM 385 SS	385 mm



9.13 Fid for splicing of hollow braided ropes

Art. no.	For rope diameter
27006308	8 mm
27006310	10 mm
27006312	12 mm
27006314	14 mm
27006316	16 mm
27006318	18 mm
27006320	20 mm
27006325	>25 mm



This design is very suitable for splicing of 12 strand ropes, like our Plexus 12 S Dyneema® rope.

9.14 Fid for splicing of hollow braided ropes

Selma

Art. no.	Article
27007025	Selma fid, 22 x 460 mm
27007000	Complete set of fids 6 x 115 mm 7 x 135 mm 9 x 175 mm 12 x 230 mm 15 x 285 mm



Specially designed for splicing of hollow braided ropes, like our Plexus 12 S Dyneema® rope (12 x 1 strand).



9.15 Victorinox knife

Art. no.	Article
5010802	Pocket knife, red (39050)
5011042	Knife, rugged edge (50433)
5010090	Sheath for knife (50433)



9.16 Sheath knife

Stainless steel

Art. no.	Article
5010455	Sheath knife w/rubber grip, Ergo 746 Mora
5010108	Safety knife 861, rugged edge
5010106	Safety knife craftline, HighQ safe w/blunt tip



9.17 Melting knife

For rope

Art. no.	Article
27024000	Melting-knife
27024010	Spare blade





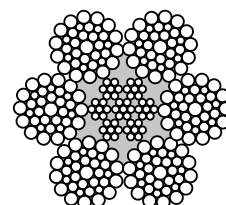
10 WIRE AND END FITTINGS

WIRE

10.1 Wire, 6x36+IWRC, 160 kp/mm²

Stainless AISI 316

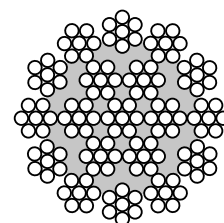
Art.no.	Dim. mm	Weight kg/m	Construction	MBL kg
28191010	10	0,409	6 x 36 + IWRC	5 700
28191012	12	0,589	6 x 36 + IWRC	8 210
28191014	14	0,802	6 x 36 + IWRC	11 200
28191016	16	1,047	6 x 36 + IWRC	14 600
28191018	18	1,325	6 x 36 + IWRC	18 500



10.2 Wire, 7x19, 160 kp/mm²

Stainless AISI 316

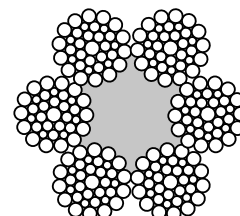
Art.no.	Dim. mm	Weight kg/m	Construction	MBL kg
28170001	3	0,034	7 x 19	520
28170002	4	0,061	7 x 19	930
28170003	5	0,095	7 x 19	1 450
28170004	6	0,137	7 x 19	2 085
28170010	7	0,187	7 x 19	2 840
28170005	8	0,244	7 x 19	3 400
28170006	10	0,381	7 x 19	5 315
28170008	12	0,549	7 x 19	7 650
28170009	14	0,747	7 x 19	10 400
28170016	16	0,975	7 x 19	13 600



10.3 Wire, 6x36+1FC, 180 kp/mm²

Galvanized

Art.no.	Dim. mm	Weight kg/m	Construction	MBL kg
28020081	8	0,237	6 x 36 + 1FC	3 800
28020082	10	0,371	6 x 36 + 1FC	5 940
28020083	12	0,534	6 x 36 + 1FC	8 550
28020084	14	0,727	6 x 36 + 1FC	11 600
28020085	16	0,948	6 x 36 + 1FC	15 200
28020086	18	1,200	6 x 36 + 1FC	19 200
28020088	20	1,480	6 x 36 + 1FC	23 800
28020089	22	1,790	6 x 36 + 1FC	28 700
28020090	24	2,140	6 x 36 + 1FC	34 200
28020091	26	2,510	6 x 36 + 1FC	40 100

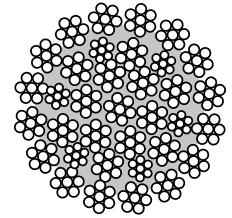




10.4 Wire, 35x7, 200 kp/mm²

Galvanized

Art. no.	Dim. mm	Construction	MBL kg
28030021	8	35 x 7	4 500
28030022	9	35 x 7	5 500
28030023	10	35 x 7	7 600
28030019	11	35 x 7	9 100
28030024	12	35 x 7	10 700
28030025	13	35 x 7	12 800
28030026	14	35 x 7	14 800
28030027	16	35 x 7	19 400
28030028	18	35 x 7	24 200



Typically used on cranes.

END FITTINGS

10.5 Sockets

All types available upon request, made by quality manufacturers like Crosby, Van Beest, De



Open spelter socket

Closed spelter socket

Open wedge socket

10.6 Wirelock

Art. no.	Type
23141000	Wirelock 100 cm ³ (0,1 l)
23142500	Wirelock 250 cm ³ (0,25 l)
23145000	Wirelock 500 cm ³ (0,5 l)
23141001	Wirelock 1 000 cm ³ (1 l)



10.7 Talurit

Art. no.	Type
23111000	Copper talurit CU 10
23111100	Copper talurit CU 11
23111200	Copper talurit CU 12
23111300	Copper talurit CU 13
23111400	Copper talurit CU 14
23111600	Copper talurit CU 16
23111800	Copper talurit CU 18
23112000	Copper talurit CU 20
23111410	Copper talurit conical TKC14
23111610	Copper talurit conical TKC16



Art. no.	Type
23101010	Press clamp ALU. Z10
23101011	Press clamp ALU. Z11
23101012	Press clamp ALU. Z12
23101013	Press clamp ALU. Z13
23101014	Press clamp ALU. Z14
23101016	Press clamp ALU. Z16
23101018	Press clamp ALU. Z18
23101020	Press clamp ALU. Z20
23101022	Press clamp ALU. Z22
23101024	Press clamp ALU. Z24
23101026	Press clamp ALU. Z26
23101028	Press clamp ALU. Z28
23101030	Press clamp ALU. Z30

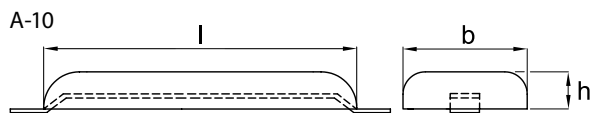
Art. no.	Type
23101112	12 mm steel clamp TSTD12
23101114	14 mm steel clamp TSTD14
23101116	16 mm steel clamp TSTD16
23101117	17/18 mm steel clamp TST28
23101119	19/20 mm steel clamp TST32
23101121	21/22 mm steel clamp TST34
23101123	23/24 mm steel clamp TST38
23101125	25/26 mm steel clamp TST42
23101128	27/28 mm steel clamp TST44
23101129	29/30 mm steel clamp TST48
23101132	31/32 mm steel clamp TST52
23101133	33/34 mm steel clamp TST56
23101136	35/36 mm steel clamp TST60



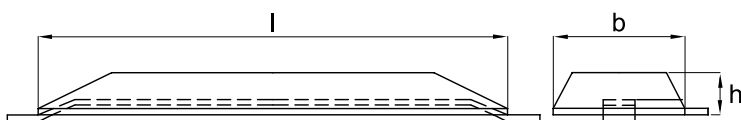
11 ANODES

11.1 Coral aluminium anode

Art. no.	Type	Size l x b x h mm	Weight net kg	Weight gross kg
20510100	A-10	210 x 80 x 27	0,8	1,0
20510250	A-25	305 x 102 x 40	2,1	2,5
20510500	A-50	445 x 125 x 40	4,3	5,0
20510800	A-80	640 x 125 x 43	7,0	8,0

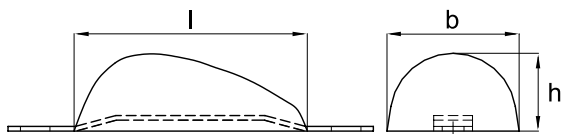


A-25, A-50, A-80



11.2 Magnesium anode

Art. no.	Type	Size l x b x h mm	Weight net kg	Weight gross kg
20400300	M3	100 x 77 x 45	0,2	0,3
20400700	M7	150 x 85 x 50	0,6	0,7

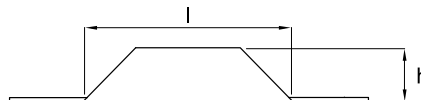
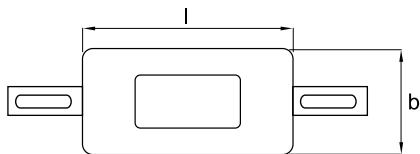




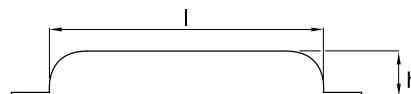
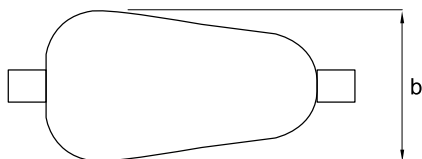
11.3 Zinc anode

Art. no.	Type	Size l x b x h mm	Shape	Weight gross kg
20500200	HZ-2	85 x 30 x 13	coned bar	0,2
20500201	HZ-2 new	158 x 24 x 12		0,2
20500500	HZ-5	96 x 44 x 23	coned bar	0,5
20500501	HZ-5 new	155 x 40 x 14		0,4
20501000	HZ-10	120 x 60 x 35	coned bar	1,0
20501001	HZ-10 new	210 x 49 x 17		1,0
20502000	ZINC 2	150 x 95 x 45	drop	2,0
20503000	ZINC 3	230 x 75 x 30	bar	3,0
20503300	ZINC 3 with hole	230 x 75 x 30	bar	3,0
20504000	ZINC 4	210 x 115 x 33	drop	4,0
20505000	ZINC 5	300 x 80 x 35	bar	5,0
20506000	ZINC 6	300 x 80 x 40	bar	6,0
20506600	ZINC 6 with hole	300 x 80 x 40	bar	6,0
20510000	ZINC 10	300 x 120 x 55	bar	10,0
20511000	ZINC 11	300 x 120 x 60	bar	11,0

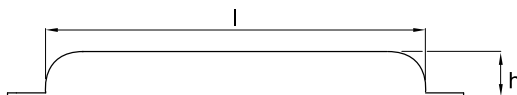
HZ-2, HZ-5, HZ-10



Drop



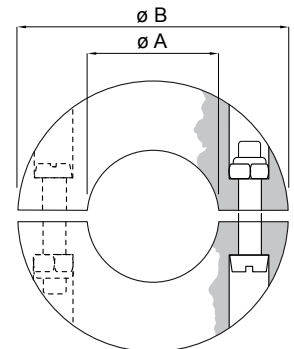
Bar





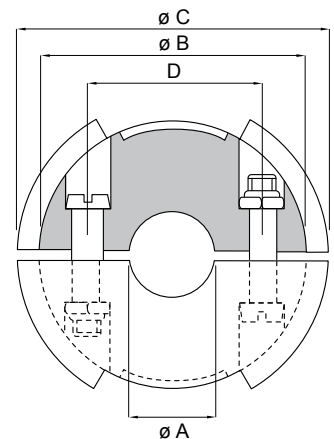
11.4 Zinc shaft anode

Art. no.	Type	ø A	ø B	Weight kg
20513032	AZ 30	30	66	0,47
20523231	AZ 32	32	66	0,50
20513536	AZ 35	35	71	0,52
20523835	AZ 38	38	71	0,54
20514057	AZ 40	40	76	0,57
20524545	AZ 45	45	78	0,55
20515056	AZ 50	50	86	0,50
20516077	AZ 60	60	96	0,77
20526370	AZ 63	63	96	0,77



11.5 Zinc shaft anode, S-type

Art. no.	Type	ø A	ø B	ø C	D	Weight kg
20512520	AZ 20S	20	62	72	40	0,35
20512525	AZ 25S	25	66	76	45	0,38
20512528	AZ 28S	28	66	76	45	0,36
20512530	AZ 30S	30	70	80	50	0,41
20512532	AZ 32S	32	70	80	50	0,39
20512535	AZ 35S	35	74	84	55	0,45
20512538	AZ 38S	38	74	84	55	0,43
20512540	AZ 40S	40	78	88	60	0,47
20512545	AZ 45S	45	83	93	65	0,51
20512550	AZ 50S	50	83	93	65	0,49





12 BUOYS AND FENDERS

BUOYS, POLYFORM U.S

12.1 Buoy A-series

Art. no.	Type	Circ. inc.	Dia. mm	Length mm	Eye size mm	Buoyancy kg	Packed qty. in box.
61100034	A-0	30"	230	290	16	6	20
61101044	A-1	40"	290	370	25	13	10
61102054	A-2	50"	390	490	25	31	10
61103064	A-3	60"	470	590	25	55	7
61104074	A-4	75"	550	710	25	85	7
61105094	A-5	90"	700	920	30	180	5
61106114	A-6	110"	800	1 180	38	360	3



Other colours upon request.

FENDERS

12.2 Fender F-series

Art. no.	Type	Dia. mm	Length mm	Eye size mm	Buoyancy kg	Packed qty. in box.
61200100	F-1	150	640	18	8	10
61200200	F-2	220	640	22	13	10
61200300	F-3	220	760	22	20	10
61200400	F-4	220	1 040	22	35	5
61200500	F-5	300	760	24	45	5
61200600	F-6	300	1 090	24	75	5
61200700	F-7	380	1 040	24	95	5
61200800	F-8	380	1 470	24	150	4
61201100	F-11	600	1 450	27	240	3
61201300	F-13	800	1 950	30	600	2





Inflation guide

Product	Max., in.	Circumference cm
A - 0	28,5	72,0
A - 1	36,0	91,0
A - 2	48,5	123,0
A - 3	58,5	148,0
A - 4	68,0	172,0
A - 5	86,5	220,0
A - 6	106,5	270,0
F - 1	18,5	47,0
F - 2	27,0	69,0
F - 3	27,0	69,0
F - 4	27,0	69,0
F - 5	37,0	94,0
F - 6	37,0	94,0
F - 7	47,0	119,0
F - 8	47,0	119,0
F - 11	74,0	188,0
F - 13	99,0	251,0
CC - 1	34,5	88,0
CC - 2	44,5	113,0
CC - 3	58,5	148,0
CC - 4	68,0	173,0
CC - 5	86,5	220,0
CC - 6	106,5	270,0

NOTE: When inflating with air compressor, set the PSI to 2 lbs.

12.3 Fender HD 265

Heavy duty

Art. no.	Description
61220450	Fender HD 265 Nordic Ø 650 x 1 440 mm (grey)

Specifications:

Dia.:	650 mm
Height:	1 440 mm
Weight:	20 kg
Buoyancy:	265 kg
Dia. eyes:	50 mm

Heavy duty – air filled fender for the commercial fleet. It is made in a one-step rotation moulding operation, in soft metallocene material, and has reinforced rope eyes. The fender skin thickness is 8 mm.

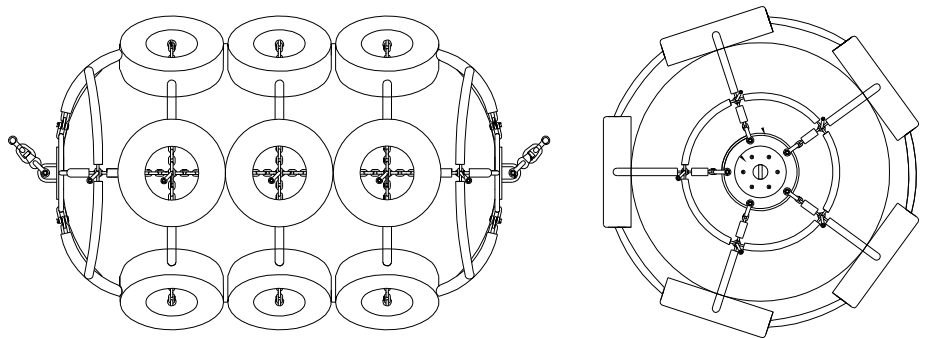




12.4 Yokohama Pneumatic Fender

		Pneumatic Fenders 50					Pneumatic Fenders 80					
	Size D x L	Deflection at 60%			Safety- valve Pres- sure setting	Test Pres- sure R.F.		Deflection at 60%			Safety- valve Pres- sure setting	Test Pres- sure
		EA	R.F	H.P				EA	R.F	H.P		
		Energy absorption	Reaction force	Hull pressure				Energy absorption	Reaction force	Hull Pressure		
Art. no.	mm	kNm	kN	kPa	kPa	kPa	Art. no.	kNm	kN	kPa	kPa	kPa
61255010	500x1000	6	64	132	-	200	61285010	8	85	174	-	250
61256010	600x1000	8	74	126	-	200	61286010	11	98	166	-	250
61257015	700x1500	17	137	135	-	200	61287015	24	180	177	-	250
61251015	1000x1500	32	182	122	-	200	61281015	45	239	160	-	250
61251020	1000x2000	45	257	132	-	200	61281020	63	338	174	-	250
61251220	1200x2000	63	297	126	-	200	61281220	88	390	166	-	250
61251325	1350x2500	102	427	130	-	200	61281325	142	561	170	-	250
61251530	1500x3000	153	579	132	-	200	61281530	214	761	174	-	250
61251730	1700x3000	191	639	128	-	200	61281730	267	840	168	-	250
61252035	2000x3500	308	875	128	-	200	61282035	430	1150	168	-	250
61252540	2500x4000	663	1381	137	175	250	61282540	925	1815	180	230	300
61252555	2500x5500	943	2019	148	175	250	61282555	1317	2653	195	230	300
61253345	3300x4500	1175	1884	130	175	250	61283345	1640	2476	171	230	300
61253365	3300x6500	1814	3015	146	175	250	61283365	2532	3961	191	230	300

Available with and without chain and tyre net. Manufactured according to ISO 17357:2002.





MOB BUOY

12.5 Mob buoy

Art. no.	Description
20000600	Complete mob buoy

12.6 Mob buoy – spare parts

Art. no.	Ref.	Description/items
64231250	A	Jotron buoy flashing light, type ML-100
64240006	B	Buoy flag, fluorescent yellow
64231230	C	Reflectors/Markers
61303060	D	Polyform buoy, CC3
64200060	E	Weight, 6 kg
64231135	F	Glass fibre pole, 1 ¼"
		Battery for Jotron light (3 batt.)

Buoy light:

Activate before buoy is thrown overboard. The flashing light activates by daylight censor. The flashing light has a lifetime of approximately 75 hours. Batteries and the light-function must be checked in regular intervals.



12.7 Net for buoy

Art. no.	Type
20000702	Net for Polyform A-2 buoy
20000703	Net for Polyform A-3 buoy
20000704	Net for Polyform A-4 buoy
20000705	Net for Polyform A-5 buoy
20000706	Net for Polyform A-6 buoy

The nets are made with or without metal towing point in nylon (polyamide) netting.



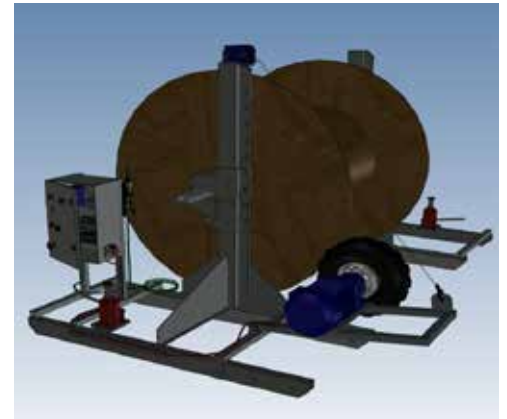


13 HANDLING EQUIPMENT FOR REELS

13.1 Winder

Art. no.	Description
202105000	Winder for cable reels and drums

Lifting capacity on jacks: 5000 kg
 Pulling force on flange: approx. 200 kg
 Delivered in hot dip galvanized finish.
 IP class 67.



13.2 Adjustable lifting beam

Art. no.	Description
23240050	Adjustable spreader beam WLL 5T type 633-1175
23240051	Adjustable spreader beam WLL 6T type 633-1929
23240052	Adjustable spreader beam WLL 6T type 633-2842
23240054	Adjustable spreader beam WLL 8T type 639-06026

For more information and custom solutions, please contact MøreNot Offshore AS.



23240050



23240051

13.3 Adjustable reel roller

Art. no.	Description
23240060	Reel roller set (2 units) (EWR-1140/130) 3000 kg





14 FIBER LIFTING AND LASHING EQUIPMENT

14.1 Fiber lashing with winch

Complete

Art. no.	Description	LC kg	Breaking load kg	Length
27052100	Fiber	4200	10000	10 m (0,5 m + 9,5 m)
27052025	Fiber	1000	2500	6 m (0,5 m + 5,5 m)
27052040	Fiber	2000	5000	10 m (0,5 m + 9,5 m)
27052010	Fiber	400	1000	6 m (0,5 m + 5,5 m)

Acc. to EN-12195-2



14.2 Fiber lashing with winch

Complete, stainless steel

Art. no.	Description	LC kg	Breaking load kg	Length
27052050	Fiber lashing	1300	3200	10 m (0,5 m + 9,5 m)



14.3 Lifting sling with eyes

Art. no.	Description	WLL SF 7:1 [ton]	Webb. width mm	Length m
27053101	Lifting sling, polyester	1	50	1
27053102	Lifting sling, polyester	1	50	2
27053103	Lifting sling, polyester	1	50	3
27053104	Lifting sling, polyester	1	50	4
27053105	Lifting sling, polyester	1	50	5
27053106	Lifting sling, polyester	1	50	6
27053108	Lifting sling, polyester	1	50	8
27053110	Lifting sling, polyester	1	50	10
27053112	Lifting sling, polyester	1	50	12
27053301	Lifting sling, polyester	2	60	1
27053302	Lifting sling, polyester	2	60	2
27053303	Lifting sling, polyester	2	60	3
27053304	Lifting sling, polyester	2	60	4
27053305	Lifting sling, polyester	2	60	5
27053306	Lifting sling, polyester	2	60	6
27053308	Lifting sling, polyester	2	60	8
27053310	Lifting sling, polyester	2	60	10
27053312	Lifting sling, polyester	2	60	12
27053501	Lifting sling, polyester	3	90	1
27053502	Lifting sling, polyester	3	90	2
27053503	Lifting sling, polyester	3	90	3
27053504	Lifting sling, polyester	3	90	4
27053505	Lifting sling, polyester	3	90	5
27053506	Lifting sling, polyester	3	90	6
27053508	Lifting sling, polyester	3	90	8
27053510	Lifting sling, polyester	3	90	10
27053512	Lifting sling, polyester	3	90	12
27053602	Lifting sling, polyester	5	150	2
27053603	Lifting sling, polyester	5	150	3
27053604	Lifting sling, polyester	5	150	4
27053605	Lifting sling, polyester	5	150	5
27053606	Lifting sling, polyester	5	150	6
27053608	Lifting sling, polyester	5	150	8
27053610	Lifting sling, polyester	5	150	10
27053612	Lifting sling, polyester	5	150	12



Other sizes and rating available upon request.



14.4 Round sling

Art. no.	Description	WLL SF 7:1 [ton]	Eff. Length m
27066105	Round sling, polyester	1	0,5
27066110	Round sling, polyester	1	1
27066115	Round sling, polyester	1	1,5
27066120	Round sling, polyester	1	2
27066125	Round sling, polyester	1	2,5
27066130	Round sling, polyester	1	3
27066140	Round sling, polyester	1	4
27066150	Round sling, polyester	1	5
27066160	Round sling, polyester	1	6
27066205	Round sling, polyester	2	0,5
27066210	Round sling, polyester	2	1
27066215	Round sling, polyester	2	1,5
27066220	Round sling, polyester	2	2
27066225	Round sling, polyester	2	2,5
27066230	Round sling, polyester	2	3
27066240	Round sling, polyester	2	4
27066250	Round sling, polyester	2	5
27066260	Round sling, polyester	2	6
27066305	Round sling, polyester	3	0,5
27066310	Round sling, polyester	3	1
27066315	Round sling, polyester	3	1,5
27066320	Round sling, polyester	3	2
27066325	Round sling, polyester	3	2,5
27066330	Round sling, polyester	3	3
27066340	Round sling, polyester	3	4
27066350	Round sling, polyester	3	5
27066360	Round sling, polyester	3	6
27066510	Round sling, polyester	5	1
27066515	Round sling, polyester	5	1,5
27066520	Round sling, polyester	5	2
27066525	Round sling, polyester	5	2,5
27066530	Round sling, polyester	5	3
27066540	Round sling, polyester	5	4
27066550	Round sling, polyester	5	5
27066560	Round sling, polyester	5	6

Art. no.	Description	WLL SF 7:1 [ton]	Eff. Length m
27066810	Round sling, polyester	8	1
27066815	Round sling, polyester	8	1,5
27066820	Round sling, polyester	8	2
27066825	Round sling, polyester	8	2,5
27066830	Round sling, polyester	8	3
27066840	Round sling, polyester	8	4
27066850	Round sling, polyester	8	5
27066860	Round sling, polyester	8	6
27066910	Round sling, polyester	10	1
27066915	Round sling, polyester	10	1,5
27066920	Round sling, polyester	10	2
27066925	Round sling, polyester	10	2,5
27066930	Round sling, polyester	10	3
27066940	Round sling, polyester	10	4
27066950	Round sling, polyester	10	5
27066960	Round sling, polyester	10	6

Other sizes and rating available upon request.



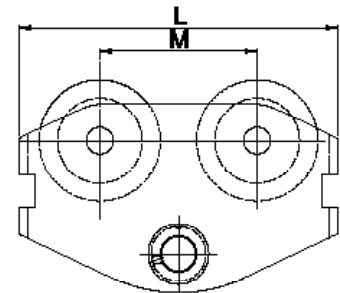
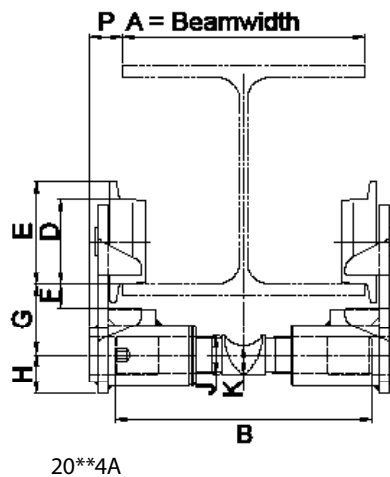
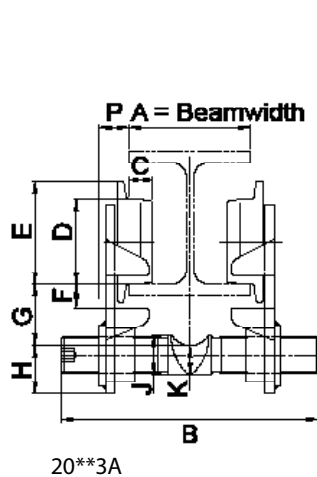


15 TROLLEYS AND CHAIN HOISTS

TROLLEY

15.1 Svero trolley

Art. no.	WLL kg	Modell	A min. - max.	B	C	øD	E	F	G	H	øJ	øK	L	M	P	Min. curve radius m	Weight kg
20080500	500	20123A	46-160	208	18	62	77	18	45	33	25	19	216	100	24	1,00	6,0
20080501	500	20124A	161-280	208	18	62	77	18	45	33	25	19	216	100	24	1,00	6,4
20081000	1000	20143A	50-160	212	20	70	85	20	51	40	32	24	264	130	26	1,25	9,4
20081001	1000	20144A	161-280	212	20	70	85	20	51	40	32	24	264	130	26	1,25	10,7
20082000	2000	20163A	64-180	248	24	100	118	25	63	51	40	32	345	165	30	1,80	19,0
20082001	2000	20164A	181-300	248	24	100	118	25	63	51	40	32	345	165	30	1,80	21,0
20083000	3000	20173A	74-180	262	28	114	137	31	78	57	46	35	384	180	35	2,20	31,5
20083001	3000	20174A	181-300	262	28	114	137	31	78	57	46	35	384	180	35	2,20	43,0
20085000	5000	20193A	82-180	270	34	140	165	34	92	64	56	42	455	215	40	2,50	55,0
20085001	5000	20194A	181-300	270	34	140	165	34	92	64	56	42	455	215	40	2,50	58,0





15.2 Yale trolleys

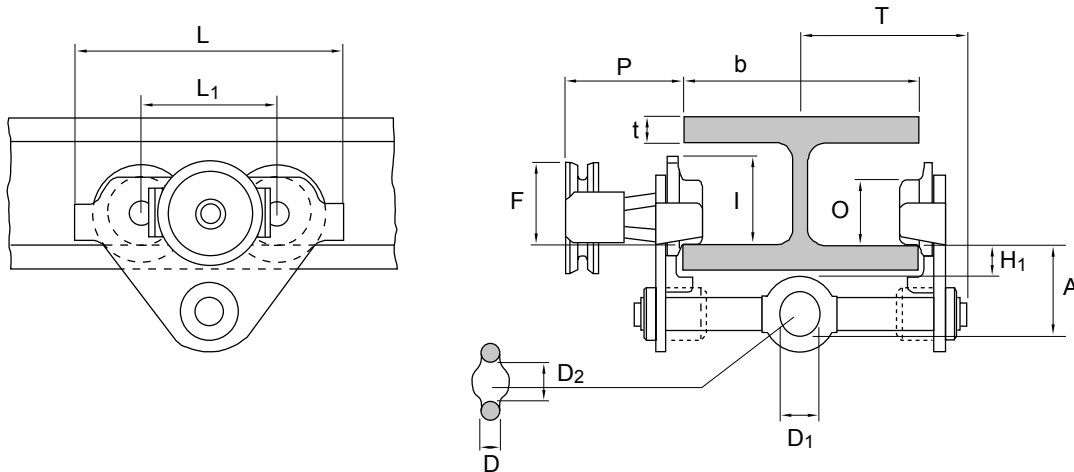
Art.no.	Model	Capacity kg	Size	Beam flange width b mm	Max. flange thickness t mm	Min. radius curve m	Effort at WLL daN	Net weight kg
20090500	HTP 500	500	A	50-220	25	0,90	3	8
20091000	HTP 1000	1000	A	50-220	25	0,90	6	9
20092000	HTP 2000	2000	A	66-220	25	1,15	7	16
20093000	HTP 3000	3000	A	74-220	25	1,40	7	32
20095000	HTP 5000	5000	A	90-220	25	1,80	9	48

Other sizes upon request.



Dimensions HTP in mm

Model	A	D	D ₁	D ₂	F	H ₁	I	L	L ₁	O	P	T
HTP 500	77,0	16	25	30	91,5	30,5	71,5	260	130	60	110	146,0
HTP 1000	82,5	17	30	35	91,5	30,5	71,5	260	130	60	110	150,0
HTP 2000	98,5	22	40	47	90,5	30,5	95,5	310	150	80	110	155,0
HTP 3000	114,0	26	48	58	107,5	30,0	131,0	390	180	112	110	160,0
HTP 5000	132,5	33	60	70	149,5	30,0	142,5	450	209	125	110	167,5





BEAM CLAMP

15.3 Yale beam clamp, model YC

Capacities 1000 – 10000 kg.

Provides a quick and versatile rigging point for hoisting equipment, pulley blocks or loads.

Flexible application due to wide adjustment range.

The central threaded spindle allows easy attachment and a safe and secure grip.

The spindle can be secured against loosening.

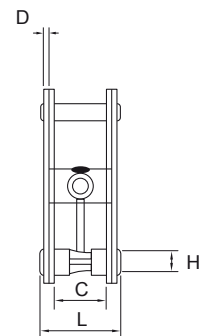
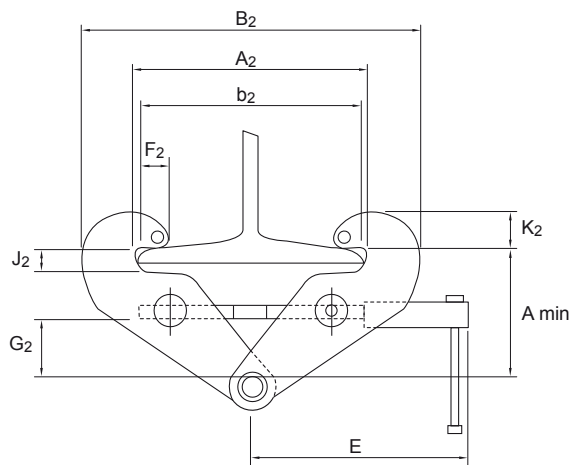
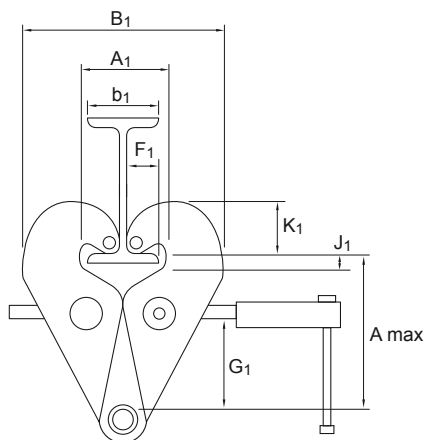
Optional: Can be supplied with shackle.



Art. no	Model	Capacity kg	Flange width mm	Weight kg
20090001	YC 1	1 000	75-230	3,8
20090002	YC 2	2 000	75-230	4,6
20090003	YC 3	3 000	80-320	9,2
20090005	YC 5	5 000	90-320	11,0
20090010	YC 10	10 000	90-320	17,2

Flattened, reinforced version for use on beams with reduced web height available on request.

Capacity kg	A min. mm	A max. mm	A ₁ mm	A ₂ mm	B ₁ mm	B ₂ mm	b ₁ mm	b ₂ mm	C mm	D mm	E mm	F ₁ mm	F ₂ mm	G ₁ mm	G ₂ mm	H mm	J ₁ mm	J ₂ mm	K ₁ mm	K ₂ mm	L mm
1 000	115	150	78	246	186	350	75	230	50	4	215	34	17	82	44	20	14	21	48	31	84
2 000	115	150	78	246	186	350	75	230	50	6	215	35	18	82	44	20	14	21	50	32	94
3 000	180	225	80	320	232	455	80	320	70	8	255	35	21	120	75	22	30	34	60	40	122
5 000	180	225	90	310	242	445	90	310	70	10	255	35	21	116	75	28	30	34	60	42	129
10 000	175	220	90	320	268	480	90	320	70	14	275	35	20	110	66	38	34	35	60	40	146





CHAIN HOIST

15.4 Kito chain hoist

We have the full Kito assortment available on lever hoists, chain hoists, air-powered, electrical-powered and manual. Also available in special offshore design (no spark).

Art. no.	Description	Load rating (ton)
20004305	KITO CHAIN HOIST CF005 w/2,5mtr lifting	0,5
20004310	KITO CHAIN HOIST CF010 w/2,5mtr lifting	1,0
20004315	KITO CHAIN HOIST CF015 w/2,5mtr lifting	1,5
20004002	KITO CHAIN HOIST CF020 w/3,0mtr lifting	2,0
20004003	KITO CHAIN HOIST CF030 w/3,0mtr lifting	3,0
20004125	KITO CHAIN HOIST CX	0,25
20004208	KITO LEVER HOIST L5 w/1,5mtr lifting height	0,8
20004216	KITO LEVER HOIST L5 w/1,5mtr lifting height	1,6
20004232	KITO LEVER HOIST L5 w/1,5mtr lifting height	3,2
20004263	KITO LEVER HOIST L5 w/1,5mtr lifting height	6,3
20004290	KITO LEVER HOIST L5 w/1,5mtr lifting height	9,0
20004025	KITO LEVER HOIST LX003 w/1,0mtr lifting	0,25
20004050	KITO LEVER HOIST LX005 w/1,2mtr lifting	0,50

Other sizes upon request.





16 SAFETY EQUIPMENT

16.1 Sala UltraLok fall arrester

Critical components are produced in stainless steel, housing in glass-fibre reinforced composite with side plates of aluminium (26 metres, in moulded aluminium). Supplied with stainless wire, hook with swivel and fall indicator as well as a swivel in the suspension point.

Art. no.	Description
20200060	Fall block UltraLok with 6 m stainless wire
20200090	Fall block UltraLok with 9 m stainless wire
20200215	Fall block UltraLok with 15 m stainless wire
20200260	Fall block UltraLok with 26 m stainless wire

For more information follow this link: <http://en.capitalsafety.eu>





16.2 Sala Nano-Lok Edge

Nano-Lok Edge is specifically designed for foot level tie-off and sharp edge applications often found in construction. It is ergonomically designed for ease-of-use and is ideal for direct connection to most harnesses.

Art. no.	Description
20200010	Talon fall arrest block with 3 m weblane
20200011	Sala Nano-Lok Edge with 2,5 m weblane and aluminum rebar hook.



16.3 Sealed fall arrester

Art. no.	Description
20200451	Sealed block with 4,5 m stainless wire
20200091	Sealed block with 9 m stainless wire

For more information follow this link: <http://en.capitalsafety.eu>





16.4 ExoFit Nex harness

Standard: EN361 and EN358 (with supporting belt)

Art. no.	Description
20201021	ExoFit Nex harness, size S
20201022	ExoFit Nex harness, size M
20201023	ExoFit Nex harness, size L
20201024	ExoFit Nex harness, size XL
20201031	ExoFit Nex harness, size S with supporting belt
20201032	ExoFit Nex harness, size M with supporting belt
20201033	ExoFit Nex harness, size L with supporting belt
20201034	ExoFit Nex harness, size XL with supporting belt

For more information follow this link: <http://en.capitalsafety.eu>



ExoFit Nex harness
with supporting belt



16.5 Spare parts

Art. no.	Description
20017001	Hook 17 mm opening steel – screw lock. Minimum fracture strength: 25 kN Standard: EN362.
20021002	Hook 21 mm opening aluminium – automatic lock. Minimum fracture strength: 25 kN Standard: EN362.
20201188	Anchorage strap 88 cm. Minimum fracture strength: 22 kN Standard: EN795 class B.



16.6 Safety helmet

Art. no.	Description
20202000	IRIS 2 Safety helmet with visor



16.7 Glasses

Art. no.	Description
20204020	Univet 5x6 – clear
20204010	Univet 5x6 – grey
20204000	Univet 5x6 – yellow
20204001	Univet 5x6 – clear I/O





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