

DYNICETM

SEISMIC



HAMPIDJAN
— a worldwide network

COMPANY PROFILE

In the spring of 1934, midst in the Great Depression, 13 individuals gathered a small fortune to start up an industrial company to manufacture fishing nets, ropes and fishing long lines for the Icelandic fishing fleet.

Hampidjan has since evolved to become one of the largest fishing gear and high tech ropes manufacturer of the world, having 14 entities in 4 continents with over 500 employees.

We have made relentless product development the essence of our being. We do that so our customers know that if they are with Hampidjan, using advanced Dynlce and Dynlce Dux ultra high performance ropes for seismic – they are using products that are at the cutting edge of known technology.



The Hampidjan Group headquarters are located at the waterfront of the main harbor of Reykjavik Iceland in a new 6.500 m2 building.



The main production facility is Hampidjan Baltic in Lithuania. The production range is from filaments to the most advanced tailor made fishing gear available as well as high performance ropes. The production equipment is state of the art and on floor area of 21.500 m2

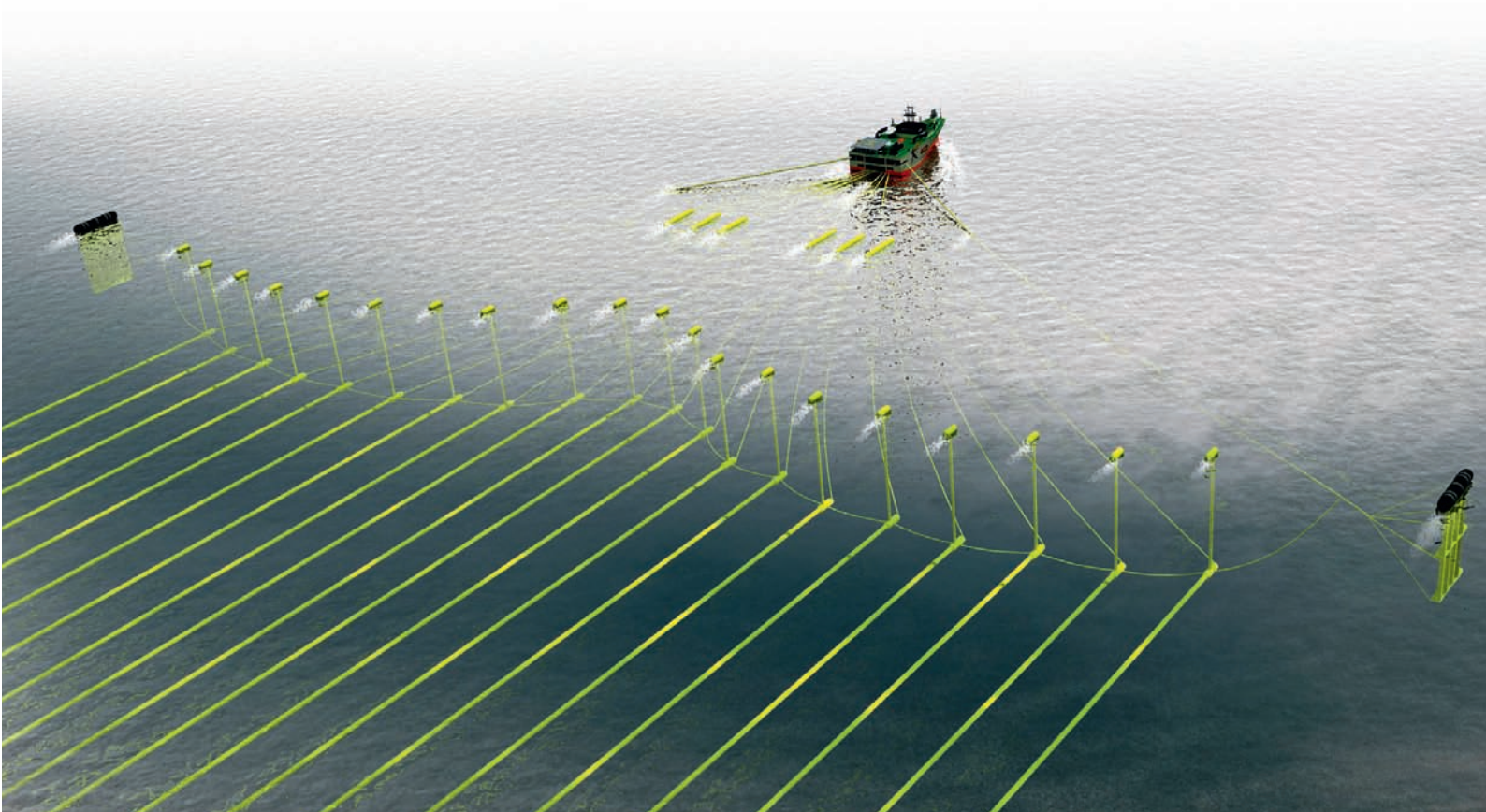


Hampidjan is ISO 9001 certified for quality assurance, ISO 14001 certified for environment issues and OSHAS ISO 18001 certified for health and safety of the employees. Certification is from DNV – Det Norske Veritas.



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1.1. Dynlce Towing Ropes.

The first Dynlce Superwides were taken into use in 1993 as the first ones to replace steel wire on seismic vessels. Since then they have been preferred choice of the seismic companies.

The Dynlce rope has less density than water and is therefore floating and the lightness makes handling easy.

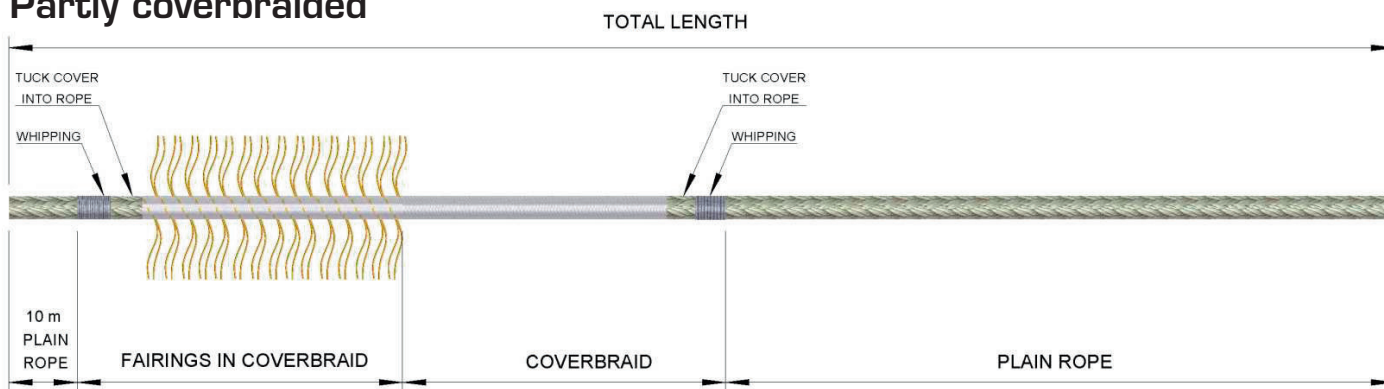
One of the main advantages is excellent abrasion resistance as the rope is constructed with double strands in 12 strand braid configuration.

The double strand makes the surface more even than in a normal 12 strand rope where there are outer points which are prone to abrasion.

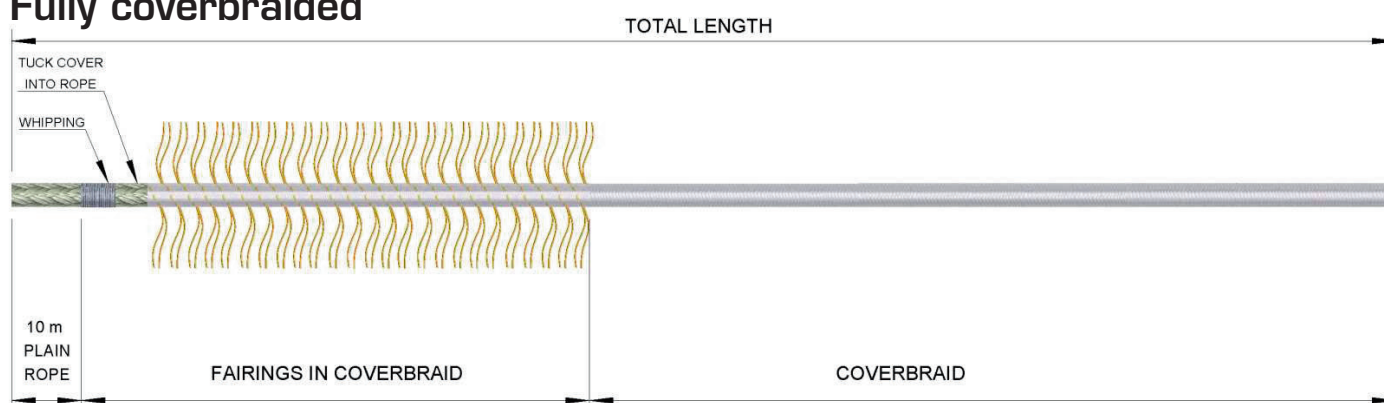
The abrasion resistance is improved further with very durable coverbraid to protect the wide tow rope from abrasion and cutting.

Each rope is made according to individual specifications but the main types are plain ropes for smaller seismic vessels and then partly or fully coverbraided ropes for the larger vessels.

Partly coverbraided



Fully coverbraided



In 2012 we installed the world largest braider for 12 strand ropes with all the needed auxiliary equipment for our special parallel strand rope construction up to 200 mm. The machine is able to produce 10.000 m continuous length without strandsplices in 44 mm diameter and is the best equipment available to produce towing ropes for seismic vessels.



1.2. Combination Towing Ropes.

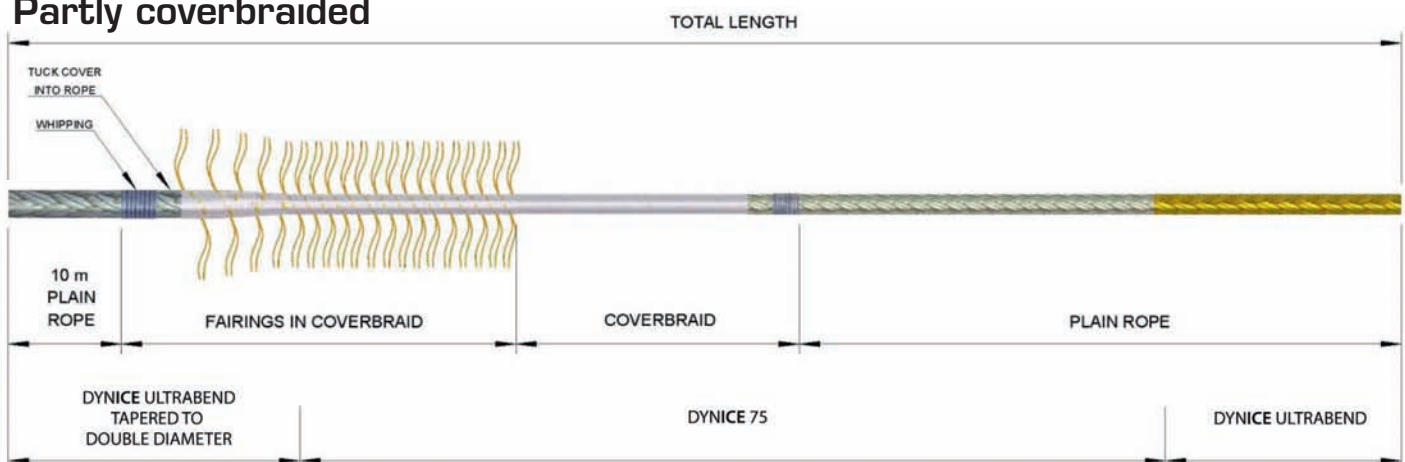
The newest patent pending generation of wide tow ropes combines the best and most advanced materials available today from Dyneema®.

The onboard sheave section and the outer end is made of Dynlce Ultrabend based on Dyneema® XBO. The main length in-between is then made of Dynlce 75 or Dynlce 78.

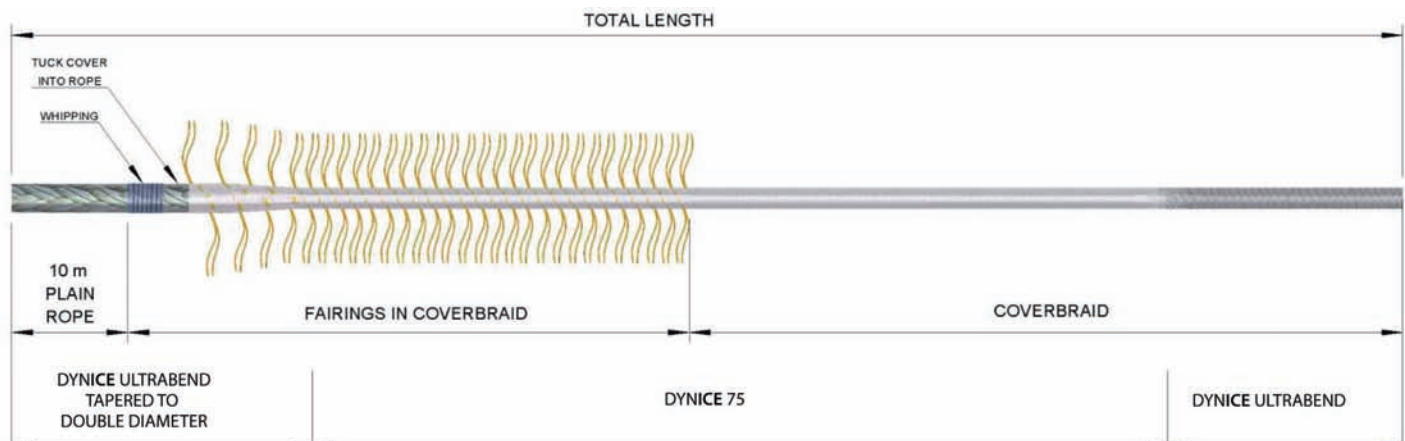
The outer end is tapered to double thickness next to the deflector to tolerate better cutting and bending fatigue which can appear in that part.

The wide tow rope is however seamless as the material and construction changes gradually in the rope and there are no visible joints.

Partly coverbraided



Fully coverbraided



Recent testing has shown that Dynlce is superior compared to other similar ropes in perpendicular steel wire cutting tests. This is due to the filament assembly method, double strand configuration and the special impregnation blend used for the rope.



1.3. Seismic Towing Ropes.

Dynlce Seismic Towing Ropes.

The Dynlce towing ropes for seismic are cold stretched prior to coverbraiding in order to remove constructional elongation and compact the ropes.

This is especially important for coverbraided ropes as if the rope is not fully compacted the cover can slide on the rope.

The ropes are impregnated with Duracoat but the cover is without heavy impregnation to preserve the slippery surface of Dyneema.

Testing of the ropes is made in state of the art in-house testing bench and tests are witnessed and approved by DNV if requested.



Coverbraided Dynlce 75 with Fairings.



Main rope is Dynlce 75 with Duracoat.

Dynlce Towing Ropes

Diameter	Diameter with coverbraid	Breaking strength unspliced	Breaking strength spliced	Density
mm	mm	ton	ton	kg/dm ³
24	28	60.0	54.0	0.96
26	30	70.0	63.0	0.96
28	32	77.0	69.3	0.96
30	34	85.0	76.5	0.96
32	36	95.0	85.5	0.96
34	38	110.0	99.0	0.96
36	40	120.0	108.0	0.96
38	42	130.0	117.0	0.96
40	44	140.0	126.0	0.96
42	46	150.0	135.0	0.96
44	48	170.0	153.0	0.96
46	52	190.0	171.0	0.96
48	54	205.0	184.5	0.96
50	56	220.0	198.0	0.96
52	58	240.0	216.0	0.96

The breaking strength of unspliced ropes are according to EN 919 and ISO 2307 standards.

The in-house testing bench is capable of break tests up to 300 tons and is extra wide to accommodate various types of inside testing setups. It's with state of the art computer controls enabling various standard tests and simulations of load frequencies.

Break test of ropes can be made instantly after production so there will not be any delay due to transport and waiting time in external laboratory.



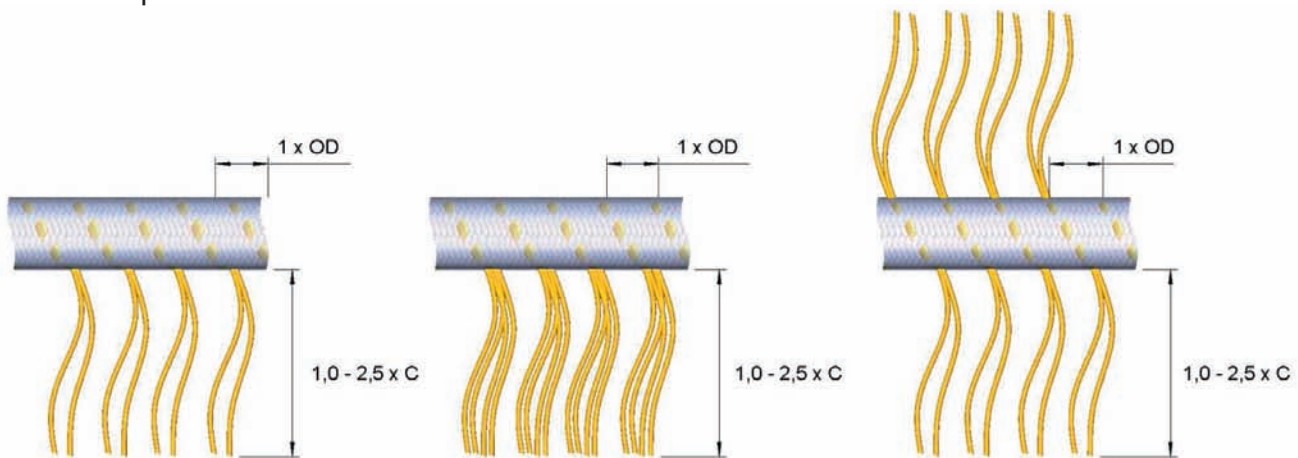
2.1. Fairings.

Fairing on towing ropes is important to reduce or eliminate turbulence behind the rope which is vibrations in the ropes.

Fairing of the rope which is underwater is made by pulling out part of the cover strands. They can be taken out to different lengths and on one side or both sides of the rope. The fairing strands are specially impregnated in order to extend the lifetime of them.

The hairy fairing is made from Dyneema® as it outperforms all other synthetic materials in bending fatigue. The fairing configuration is made according to customers request with regard to distance in-between them, length and thickness.

Hairy fairing is available for all types of cover-braided ropes.



2.2. Foil fairings.

Flexible Dynlce Webbing flag fairing for superwides, separation ropes and deflector straps

Dynlce Swallow tail fairing is alternative fairing type to the conventional hairy fairing and the rigid plastic wings. The flag fairing is made from Dyneema® webbing and is fully flexible and can tolerate the pressure when wound on drums under load.

The swallow tail fairing is patent pending. The aim of the invention is to improve the

lifetime and effectiveness of the fairing as hairy fairing tends to wear out fast leaving the rope without the needed damping to minimize noise and drag.

The end of the flag is made with two triangular cuts in the webbing to gradually dampen the turbulence behind the rope. This reassembles the tail of the swallow and therefore named swallow tail fairing.

Both fairings are freely turning around the rope as the rigid plastic wing fairing.



Dynlce Swallow Tail - plain

The flat flag fairing can be attached where needed as the webbing is folded around the rope and the contact area is made with Velcro.

The tails are softer and due to the triangular shape of them a pattern of turbulence should be avoided as the end of the adjacent flag fairings are not in line but in zigzag configuration.



Dynlce Swallow Tail - wing

The streamlined flag fairing is made wing shaped with the means of flexible foam in-between the contact areas. As the foam can tolerate compression the rope can be wound on drum and the foam will regain its shape when released.

The wing form will give minimal drag due to its shape and is especially useful on deflector straps.

Foil fairings are especially effective when the rope is towed perpendicular to the towing direction.

For optimal lifetime it is recommended to use coverbraided rope as the coverbraid will protect the rope from abrasion created by movement of the foil fairings.



3.1. Separation Ropes.

The accurate distance between the streamers is of high importance and not least how the set length will keep for the lifetime of the separation rope.

The accurate distance between the streamers is of high importance and not least how the set length will keep for the lifetime of the separation rope.

Dynlce Dux is free of constructional elongation and will show limited change from initial setup until it is taken off and replaced.

For the main rope its possible to choose between Dynlce Dux, Dynlce 75 and 78.

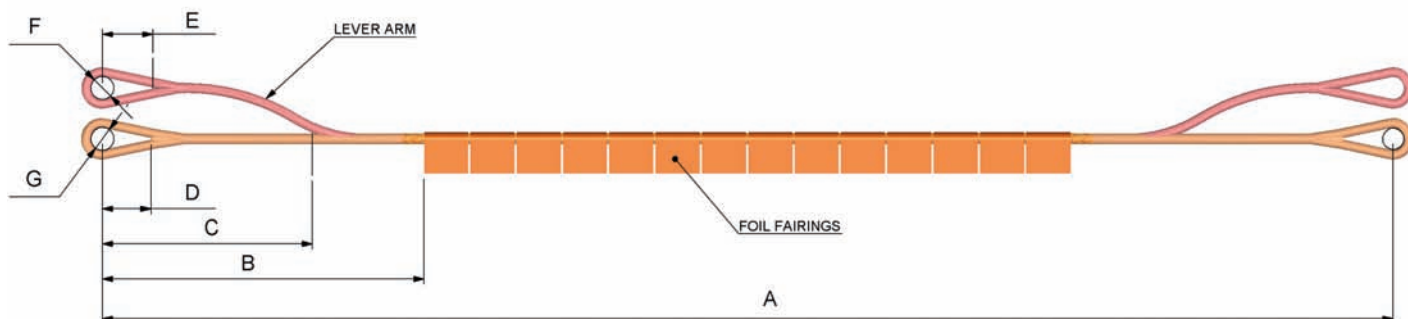
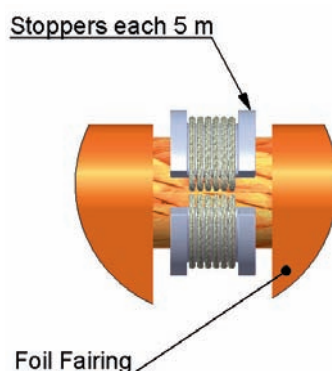
Dynlce Dux recommended as its free of constructional elongation and will show limited change from initial setup until it is taken off and replaced.

Dynlce with plastic wings according to customers specifications.

All types of ropes can be coverbraided for extra protection from abrasion.

During setup of the rope the splices are preloaded to remove the lengthening coming from splice setting.

A special designed stopper with flat surface towards the foils to ensure unhindered turning of the foils is inserted at approximately 5 m intervals.



The plastic foil fairings have proven to be excellent choice of fairing to decrease drag and minimise movement of ropes towed perpendicular in the water as is the case for separation ropes and spurlines.

Diameter of Dynlce Dux	Breaking strength unspliced	Breaking strength spliced	Foil nominal size	Foil color		Depth of foil	Thickness of foil	Density
mm	ton	ton	mm		mm	mm	mm	kg/dm ³
11	16.6	14.9	12	Red	91.5	86.0	24.7	0.94
15	28.8	25.9	16	Yellow	103.0	103.0	26.7	0.94
16	39.2	35.3	19	White	121.0	118.4	32.0	0.94
18	45.1	40.6	19	White	121.0	118.4	32.0	0.94
21	64.2	57.8	22	Yellow	124.0	141.5	36.6	0.94
23	73.6	66.2	22	Yellow	124.0	141.5	36.6	0.94
25	82.7	74.4	26	Grey	175.0	172.5	42.0	0.94
27	90.6	81.5	28	Orange	175.0	165.0	43.3	0.94
31	107.1	96.4	32	Red	175.4	174.8	46.6	0.94
35	134.2	120.8	36	White	174.2	177.0	50.0	0.94

3.2. Deflector Straps.

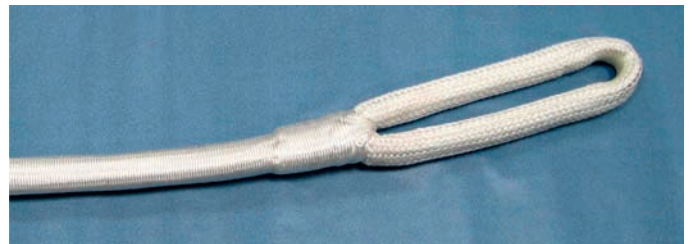
High precision deflector straps for accurate setting of deflector angle.

The Dynlce Deflector Straps are unique as they have very small tolerances or only ± 10 mm in lengths up to 10 meters. Moreover they keep within the tolerances throughout the lifetime and maintain the strength as well. In this way they have proven to be unmatched by other types of straps and are now the preferred choice of the major seismic companies.

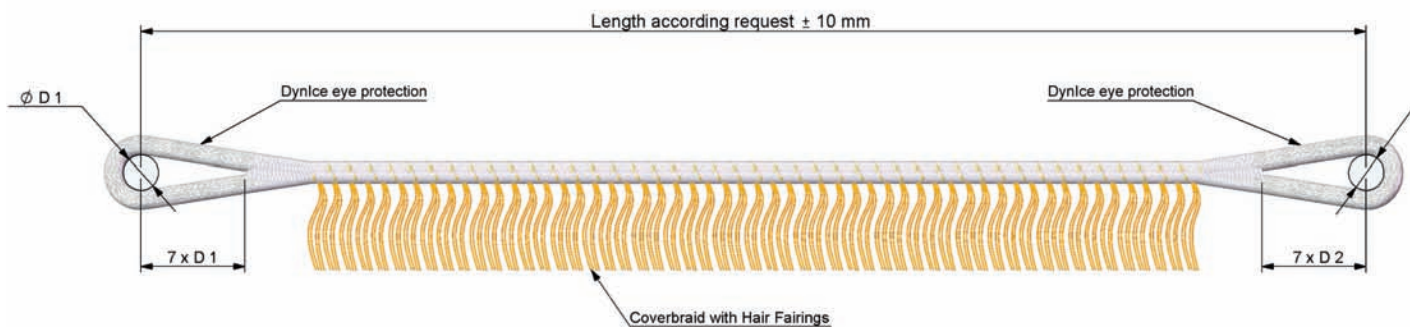
The Dynlce deflector straps are coverbraided with Dyneema® and with heavy and durable eye protection

The length accuracy is the key factor to set the exact angle of the deflector and keep it constantly steady and secure in use.

The breaking strength is 97 tons and each individual strap is marked in such way that it will still be easily readable after it has been taken out of use.



Dynlce deflector straps with hairy fairings



Dynlce Deflector straps will keep the narrow initial tolerances during use and the breaking strength after 6 months use has proven to be similar as in new straps.



4.1. Dynlce Deck Ropes.

High performance ropes for various applications where high strength and durability is needed.

Dynlce 75

Diameter	Breaking strength unspliced	Breaking strength with eye	Weight in air	Weight in sea (floating)	Density
mm	ton	ton	kg/100 m	kg/100 m	kg/dm ³
6	4.2	3.8	2.30	-0.18	0.96
8	6.7	6.0	3.80	-0.30	0.96
10	10.7	9.6	6.10	-0.49	0.96
12	16.4	14.8	9.30	-0.75	0.96
14	21.8	19.6	12.50	-1.00	0.96
16	27.4	24.7	16.00	-1.28	0.96
18	35.0	31.5	20.70	-1.66	0.96
20	41.9	37.7	25.20	-2.02	0.96
22	50.0	45.0	30.50	-2.45	0.96

Dynlce 75 is reliable and proven 12 strand braided rope from Dyneema SK75 fibres impregnated with Duracoat for improved abrasion resistance. The ropes are soft and flexible and easy to splice. Elongation at break is about 3,5%.



Dynlce 78

Diameter	Breaking strength unspliced	Breaking strength with eye	Weight in air	Weight in sea (floating)	Density
mm	ton	ton	kg/100 m	kg/100 m	kg/dm ³
6	4.2	3.8	2.30	-0.18	0.96
8	6.7	6.0	3.80	-0.30	0.96
10	10.7	9.6	6.10	-0.49	0.96
12	16.4	14.8	9.30	-0.75	0.96
14	21.8	19.6	12.50	-1.00	0.96
16	27.4	24.7	16.00	-1.28	0.96
18	35.0	31.5	20.70	-1.66	0.96
20	41.9	37.7	25.20	-2.02	0.96
22	50.0	45.0	30.50	-2.45	0.96

Dynlce 78 is constructed as double strand Dynlce but with the more advanced fiber SK78. All properties are the same but under high static tension the risk of creep is much less.



Dynlce Dux

Diameter	Breaking strength unspliced	Breaking strength with eye	Weight in air	Weight in sea (floating)	Density
mm	ton	ton	kg/100 m	kg/100 m	kg/dm ³
6	6.8	6.1	3.28	-0.26	0.96
8	9.9	8.9	4.92	-0.39	0.96
10	13.5	12.2	6.80	-0.55	0.96
12	18.8	16.9	9.70	-0.78	0.96
14	27.3	24.6	13.60	-1.09	0.96
16	37.2	33.5	18.60	-1.49	0.96
18	45.1	40.6	22.60	-1.81	0.96
20	54.7	49.2	27.40	-2.20	0.96
21	64.2	57.8	32.10	-2.57	0.96
23	73.6	66.2	37.00	-2.97	0.96
25	82.7	74.4	42.10	-3.38	0.96
27	90.6	81.5	46.80	-3.75	0.96
29	98.9	89.0	51.70	-4.15	0.96
31	107.1	96.4	56.70	-4.55	0.96
32	115.3	103.8	61.70	-4.95	0.96

Dynlce Dux is very firm, heatset and stretched 12 strand Dyneema SK75 rope with smooth Durapur impregnation for abrasion resistance. The constructional elongation has been removed in the production process and stretch is extremely low. Elongation at break is about 3,2%.



4.2. Dynlce Splice Protection.

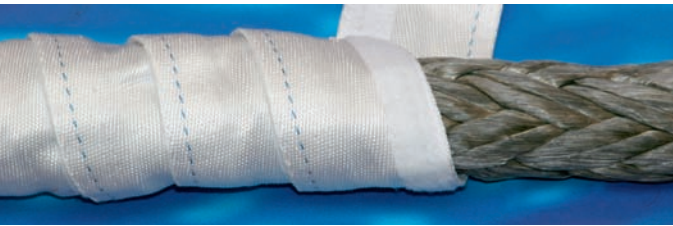


Diameter of inside splice	Weight in air	Weight in sea (floating)	Density
mm	kg/100 m	kg/100 m	kg/dm ³
30 - 60	27.50	-2.21	0.96
40 - 80	26.60	-2.13	0.96

Dynlce Splice Protection

The splice protection is made from twisted Dynlce strands in very loosely braided tube to cover splices for extra protection. The splice protection is available in a pre-packed kit with 50 meter stretched length of tube, shrinking mending twine and twine glue to secure the seizing.

4.3. Dynlce Webbing and Eye Protection.



Dynlce Webbing Protection

The webbing can be wrapped around splices, eyes and without any splice work needed. The Dynlce Webbing attach to itself by the means of overlapping Velcro and the layers can be one, two or three. Finally the wrapping end in each side is seized with nylon twine to secure them.

Same kind of Dynlce Webbing can be wrapped around a rope to make a sleeve to protect from abrasive areas which the rope can touch during use.

Width of webbing	Thickness of webbing	Weight in air	Weight in sea (floating)	Density
mm	mm	kg/100 m	kg/100 m	kg/dm ³
20	2.0	2.60	-0.21	0.96
40	2.0	5.20	-0.42	0.96
60	2.0	7.80	-0.63	0.96
80	2.0	10.40	-0.83	0.96



Dynlce Eye Protection

The eye protection sleeves are tight braided tubes where the strands are made of pre-braided twines of Dyneema®. Where special extra protection is needed the sleeve layers can be two or even three on top of each other. Still the eye is soft but with enough stiffness to keep it suitably open for bollards and hooks.

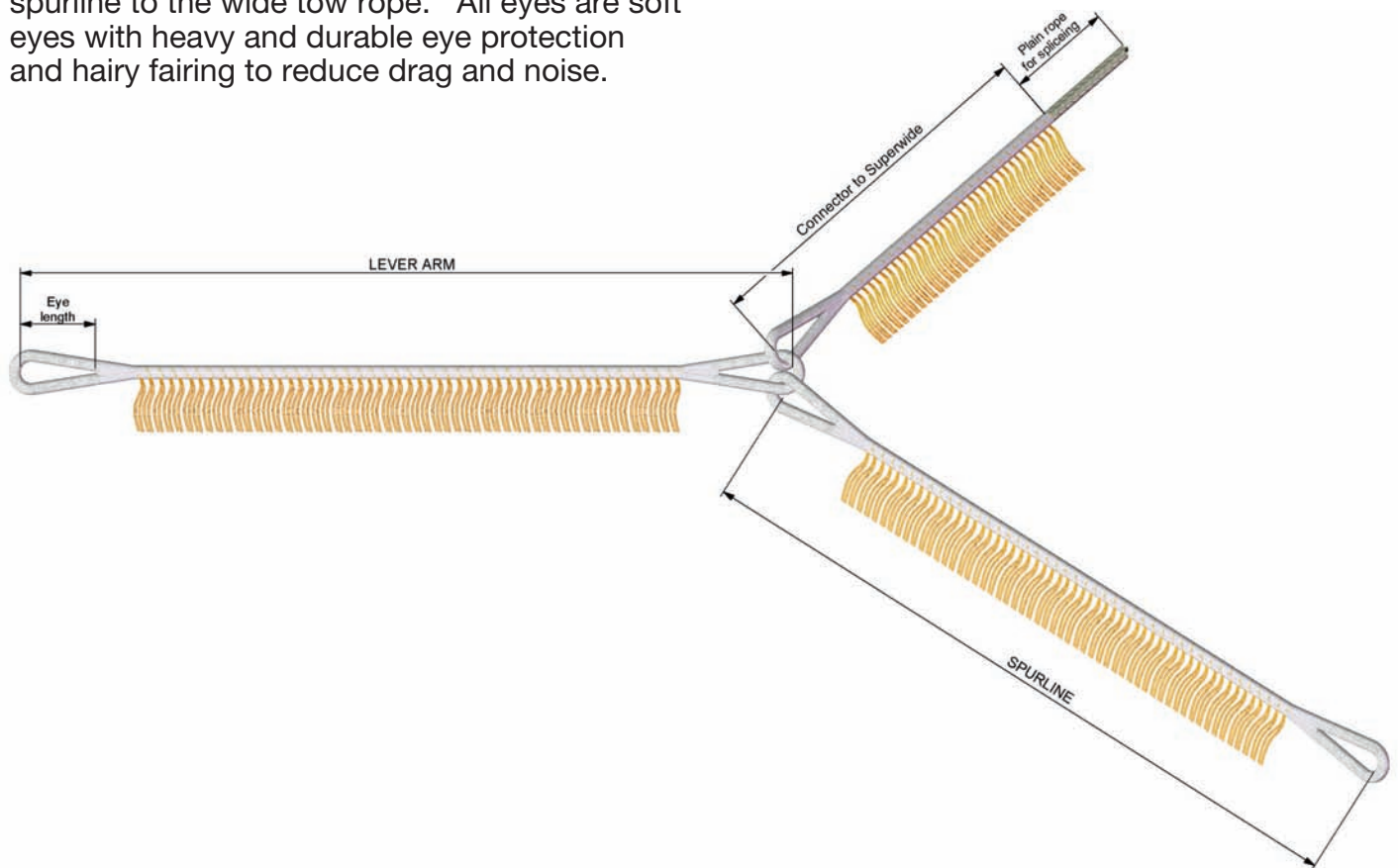
The eye protection is also useful as a sliding sleeve to position where high abrasion is expected like in a fairlead.

Diameter of inside rope	Weight in air	Weight in sea (floating)	Density
mm	kg/100 m	kg/100 m	kg/dm ³
6 - 12	6.60	-0.53	0.96
12 - 18	13.70	-1.10	0.96
20 - 26	27.40	-2.20	0.96
28 - 40	43.70	-3.51	0.96
42 - 52	82.00	-6.58	0.96
52 - 60	83.00	-6.66	0.96

4.4. Dynlce 3-eye splice.

The 3-eye splice

The 3-eye splice connects the lever arm and spurline to the wide tow rope. All eyes are soft eyes with heavy and durable eye protection and hairy fairing to reduce drag and noise.

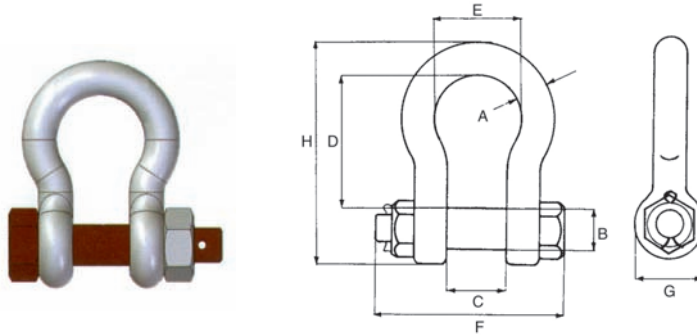


Our experienced team of professional splicers are capable of splicing all kind of braided ropes with the most advanced splice types specially adapted to seismic ropes.



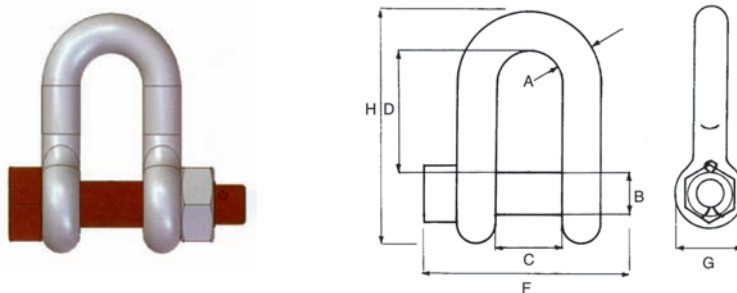
5.1. Shackles.

Red Pin shackle Safety type



Part no.	Size	SWL	A	B	C	D	E	F	G	H	Weight	Sacks of
		Ton	mm	mm	mm	mm	mm	mm	mm	mm	kg/100	
HF10HRPS	3/8"	1,00	10	11	16	36	26	57	22	60	17,0	25
HF11HRPS	7/16"	1,50	11	13	18	43	29	67	25	70	24,0	25
HF12HRPS	1/2"	2,00	13	16	22	51	32	80	32	84	34,0	25
HF16HRPS	5/8"	3,25	16	19	26	64	43	95	38	104	63,0	20
HF19HRPS	3/4"	4,75	19	22	31	76	51	112	44	123	95,0	10
HF22HRPS	7/8"	6,50	22	25	36	83	58	127	50	136	155,0	5
HF25HRPS	1"	8,50	25	28	43	95	68	147	56	153	230,0	5
HF28HRPS	1 1/8"	9,50	28	32	47	108	75	165	64	176	324,0	4
HF32HRPS	1 1/4"	12,00	32	35	51	115	83	178	70	190	440,0	3
HF35HRPS	1 3/8"	13,50	35	38	57	133	92	194	76	216	600,0	1
HF38HRPS	1 1/2"	17,00	38	42	60	146	99	202	84	236	750,0	1
HF45HRPS	1 3/4"	25,00	45	50	74	178	126	243	100	286	1400,0	1
HF50HRPS	2"	35,00	50	57	83	197	146	269	115	320	1892,0	1
HF57HRPS	2 1/4"	42,50	57	65	95	222	160	303	130	350	2606,0	1
HF65HRPS	2 1/2"	55,00	65	70	105	254	185	329	140	407	4200,0	1

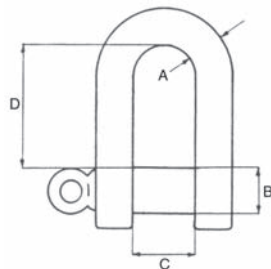
Red Pin shackle D type



Part no.	Size	SWL	A	B	C	D	E	F	G	H	Weight	Sacks of
		Ton	mm	mm	mm	mm	mm	mm	mm	mm	kg/100	
HF12DRPS	1/2"	2,00	13	16	22	51	32	80	32	84	34,0	25
HF16DRPS	5/8"	3,25	16	19	26	64	43	95	38	104	63,0	20
HF19DRPS	3/4"	4,75	19	22	31	76	51	112	44	123	95,0	10
HF22DRPS	7/8"	6,50	22	25	36	83	58	127	50	136	155,0	5
HF25DRPS	1"	8,50	25	28	43	95	68	147	56	153	230,0	5
HF28DRPS	1 1/8"	9,50	28	32	47	108	75	165	64	176	324,0	4
HF32DRPS	1 1/4"	12,00	32	35	51	115	83	178	70	190	440,0	3
HF35DRPS	1 3/8"	13,50	35	38	57	133	92	194	76	216	600,0	1
HF38DRPS	1 1/2"	17,00	38	42	60	146	99	202	84	236	750,0	1

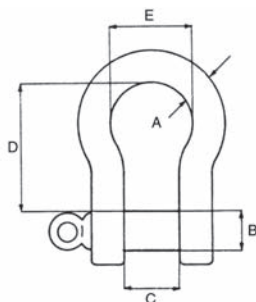
5.2. Shackles.

Shackle Stainless steel
Dee type



Part no.	SWL	A	B	C	D	Weight
	Ton	mm	mm	mm	mm	kg/100
HF04DSS	0.12	4,0	4	8	14	1,0
HF05DSS	0.20	5,0	5	10	18	2,0
HF06DSS	0.28	6,0	6	12	21	4,0
HF08DSS	0.50	8,0	8	16	28	7,0
HF10DSS	0.80	9,5	10	20	35	11,0
HF12DSS	1.10	12,0	12	24	42	25,0
HF16DSS	2.00	16,0	16	32	58	40,0
HF19DSS	3.00	20,0	20	38	66	60,0
HF22DSS	4.00	22,0	22	44	77	90,0
HF25DSS	5.00	25,0	25	50	88	110,0
HF32DSS	6.40	32,0	32	64	112	240,0

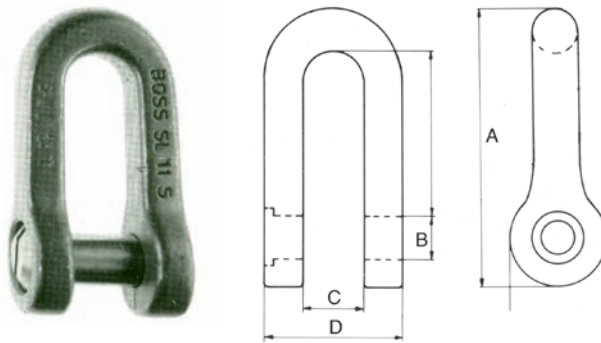
Bow type



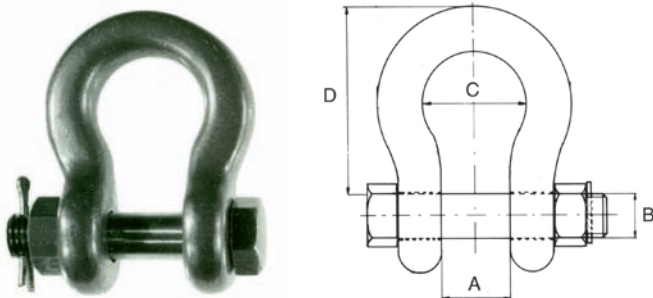
Part no.	SWL	A	B	C	D	E	Weight
	Ton	mm	mm	mm	mm	mm	kg/100
HF04HSS	0.12	4,0	4	8	16	14	1,0
HF05HSS	0.20	5,0	5	10	20	17	2,0
HF06HSS	0.28	6,0	6	12	24	21	4,0
HF08HSS	0.50	8,0	8	16	32	28	7,0
HF10HSS	0.80	9,5	10	20	40	34	7,0
HF12HSS	1.10	12,0	12	24	48	42	25,0
HF16HSS	2.00	16,0	16	32	58	56	40,0
HF19HSS	3.00	20,0	20	38	66	65	60,0
HF22HSS	4.00	22,0	22	44	77	77	90,0
HF25HSS	5.00	25,0	25	50	88	87	110,0
HF32HSS	6.40	32,0	32	64	112	112	240,0

5.3. Shackles.

Boss Shackles Stainless steel

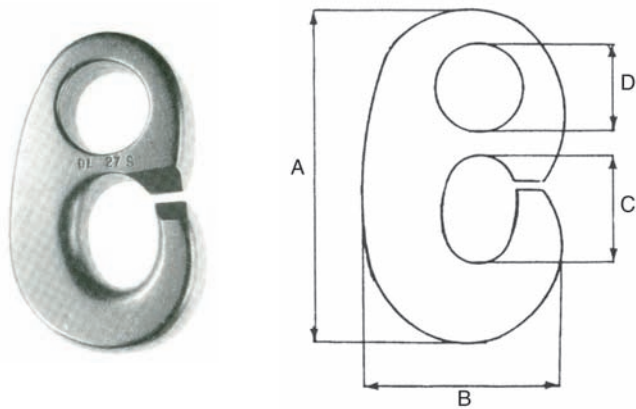


Part no.	SWL 6:1	A	B	C	D	Weight
	Ton	mm	mm	mm	mm	kg
HBOSS SL 11 S	3,0	122	20	27	62	0,9
HBOSS SL 12 S	6,0	136	24	34	74	1,8
HBOSS SL 14 S	10,0	160	33	42	88	2,6



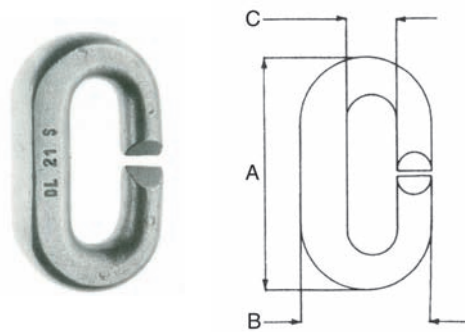
Part no.	SWL 6:1	A	B	C	D	Weight
	Ton	mm	mm	mm	mm	kg
HBOSS B 6 S	6,0	38	25	58	84	2,4
HBOSS B 8 S	8,0	50	33	75	114	3,8
HBOSS B 10 S	10,0	50	37	84	119	5,5
HBOSS B 15 S	15,0	64	44	101	141	9,5
HBOSS B 25 S	25,0	79	51	131	180	16,0

6.1. Hooks and links.



Boss link
Stainless steel

Part no.	SWL 5:1	A	B	C	D	Weight
	Ton	mm	mm	mm	mm	kg
HBOSS DL 26 S	2,4	150	95	38	28	1,65
HBOSS DL 27 S	5,0	212	132	58	31	3,60
HBOSS DL 28 S	12,0	260	170	60	49	9,60

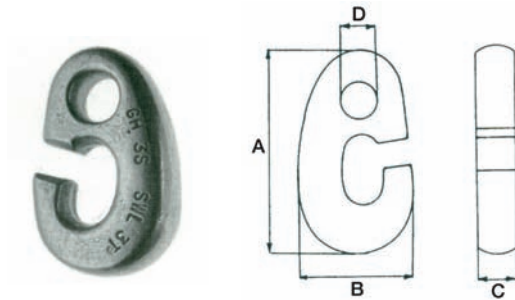


Boss Split link
Stainless steel

Part no.	SWL 5:1	A	B	C	Weight
	Ton	mm	mm	mm	kg
HBOSS DL 18 S	0,2	78	45	18	0,17
HBOSS DL 19 S	0,4	79	50	24	0,27
HBOSS DL 20 S	0,5	82	55	24	0,30
HBOSS DL 21 S	1,4	108	63	25	0,70
HBOSS DL 22 S	1,3	106	68	33	0,60

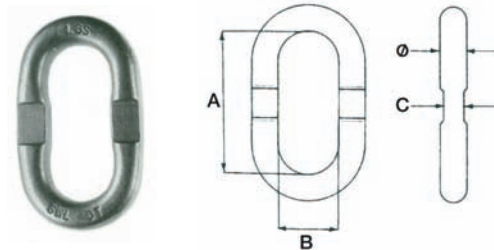
6.2. Hooks and links.

Boss G-hook
Stainless steel



Part no.	Size	SWL 5:1	A	B	C	D	Weight
		Ton	mm	mm	mm	mm	kg
HBOSS GH3S	1"	3,0	122	76	25	23	0,90
HBOSS GH6S	1 1/4"	6,0	178	104	33	35	2,70

Boss recessed link
Stainless steel



Part no.	Size	Ø	SWL 5:1	A	B	C	Weight
		mm	Ton	mm	mm	mm	kg
HBOSS L3S	7/8"	22	3,0	98	38	16	0,80
HBOSS L6S	1"	25	6,0	125	51	22	1,50

Combinations

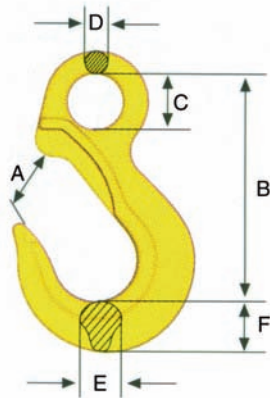


Part no.	Size	Description	Weight
		Ton	mm
HEGR 20 SS	3/4"	BOSS GH3S + C19-110 SSO	1,60
HEGR 22 SS	7/8"	BOSS GH6S + C22-120 SSO	3,80



Part no.	Size	Description	Weight
		Ton	mm
HELC 16 SS	5/8"	BOSS L3S + A 16 SS	1,60
HELC 20 SS	3/4"	BOSS L6S + A 19 SS	3,20

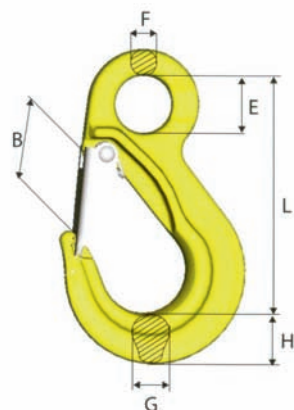
6.3. Hooks and links.



Sling hooks

Part no.	SWL 5:1	A	B	C	D	E	F	Weight
	Ton	mm	mm	mm	mm	mm	mm	kg
HEK-6-8	0,9	29	94	22	10	16	19	0,3
HEK-7/8-8	1,6	32	105	25	11	17	22	0,4
HEK-10-8	2,5	42	131	32	14	19	28	0,8
HEK-13-8	4,2	49	161	40	18	27	36	1,8
HEK-16-8	6,4	60	197	50	22	34	44	13,2
HEK-18/20-8	10,0	69	229	60	26	41	51	4,8
HEK-22-8	12,0	83	267	64	30	42	67	8,5
HEK-26-8	17,0	95	301	66	32	51	75	12,1
HEK-32-8	25,2	105	333	76	38	61	80	17,3

available with stainless safety pawl

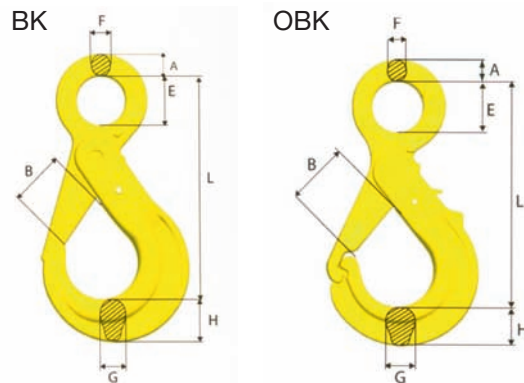


Sling hooks
With Latch EKN,
without Latch EK

Part no.	WLL	L	B	E	F	G	H	Weight
	Ton	mm	mm	mm	mm	mm	mm	kg
HEKN-6-10	1,5	94	24	22	10	17	20	0.4
HEKN-8-10	2,5	108	28	28	13	17	23	0.5
HEKN-10-10	4	134	37	34	14	23	30	1.0
HEKN-13-10	6,7	166	42	44	18	28	38	2.1
HEKN-16-10	10	203	50	56	22	36	47	3.9

6.4. Hooks and links.

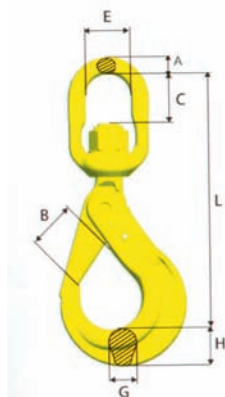
Safety hook



Part no.	WLL	A	L	B	E	F	G	H	Weight
	Ton	mm	mm	mm	mm	mm	mm	mm	kgs
HBK-6-10	1.5	12	109	29	22	10	15	21	0.5
HBK-7/8-10	2.5	14	138	37	28	11	17	26	0.9
HBK-10-10	4.0	16	168	45	34	13	21	31	1.5
HBK-13-10	6.7	20	207	55	44	16	30	40	3.0
HBK-16-10	10	26	254	62	56	20	37	50	5.5
HBK-18/20-10	16	30	289	68	60	22	44	65	8.7

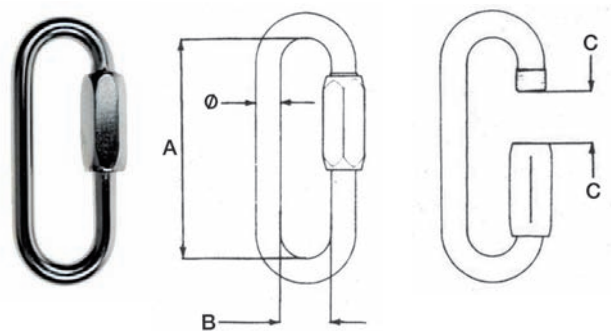
Part no.	WLL	A	L	B	E	F	G	H	Weight
	Ton	mm	mm	mm	mm	mm	mm	mm	kgs
HOBK-6-10	1,5	12	103	26	22	9	15	17	0.4
HOBK-7/8-10	2,5	14	139	37	28	10	20	22	0.8
HOBK-10-10	4	16	170	47	34	13	22	29	1.3
HOBK-13-10	6,7	21	206	53	44	15	29	38	2.6
HOBK-16-10	10	26	251	68	56	19	29	45	4.4
HOBK-18/20-10	16	28	293	74	60	22	44	56	7.3

Safety hook With swivel eye



Part no.	WLL	L	B	C	E	A	G	H	Weight
	Ton	mm	mm	mm	mm	mm	mm	mm	kgs
HBKL-6-10	1,5	149	29	23	33	11	15	21	0.7
HBKL-7/8-10	2,5	183	37	27	38	12	17	26	1.2
HBKL-10-10	4	218	45	37	44	15	21	31	2.0
HBKL-13/10	6,7	282	55	49	48	19	30	40	4.0
HBKL-16-10	10	341	62	65	61	25	37	50	7.2
HBKL-18/20-10	16	368	68	70	72	31	44	65	11.4

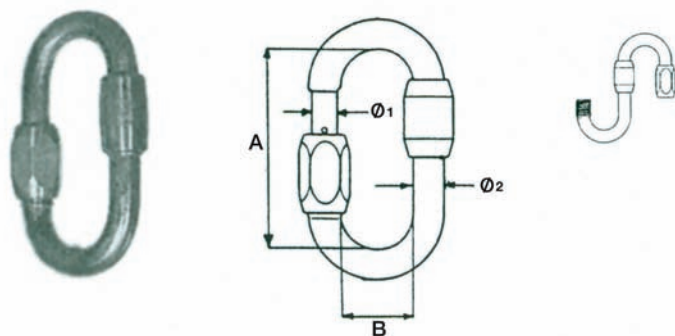
6.5. Hooks and links.



Quick links
Stainless steel

Part no.	Size = Ø	SWL 5:1	A	B	C	Weight	Number/box
	mm	Ton	mm	mm	mm	mm	stk.
HDQ 04 SS O	4	0,28	31	11	5,0	1,2	100
HDQ 05 SS O	5	0,45	39	13	6,5	2,1	100
HDQ 06 SS OK	6	0,65	45	14	7,5	3,5	100
HDQ 06 SS OL	6	0,58	59	14	15,0	4,2	100
HDQ 08 SS OK	8	1,10	58	17	10,0	7,7	100
HDQ 08 SS OL	8	0,98	72	17	18,0	9,3	50
HDQ 10 SS O	10	1,60	85	20	20,0	16,0	50
HDQ 12 SS O	12	2,20	100	23	23,0	27,0	25
HDQ 14 SS O	14	3,10	115	27	27,0	42,0	10
HDQ 16 SS O	16	4,00	150	38	28,0	75,0	1
HDQ 19 SS O	19	5,50	175	43	32,0	120,0	1
HDQ 22 SS O	22	7,00	210	60	36,0	190,0	1

Split hole Ø 5 mm

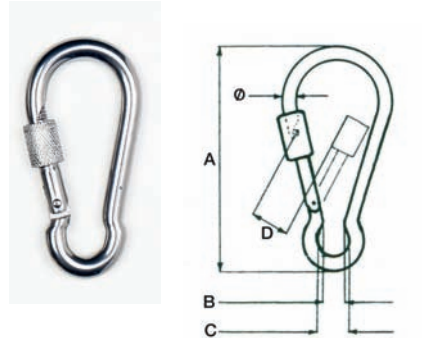


Quick links
Stainless steel

Part no.	Ø1	Ø2	SWL 5:1	A	B	Weight
	mm	mm	Ton	mm	mm	kg
HDQ 30 SSO	25	30	12,0	170	55	3,2

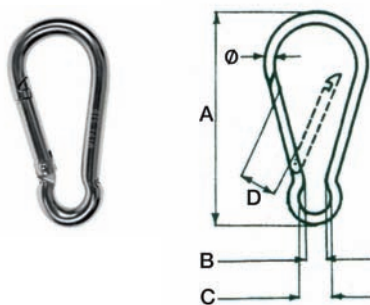
6.6. Hooks and links.

Carabine hook
Lock screw
Stainless steel



Part no.	Size = Ø	SWL	A	B	C	D	Weight
	mm	Ton	mm	mm	mm	mm	kg/100
HDC 08 SS S	08	0,7	80	09	13	08	7,2
HDC 10 SS S	10	1,1	100	12	16	10	13,2
HDC 11 SS S	11	1,3	120	13	19	15	19,1

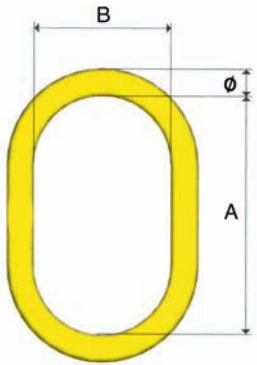
Carabine hook
Stainless steel



Part no.	Size = Ø	SWL 5:1	A	B	C	D	Weight
	mm	Ton	mm	mm	mm	mm	kg/100
HDC 05 SS	05	0,10	50	6	10	8	1,9
HDC 06 SS	06	0,12	60	8	11	9	2,8
HDC 07 SS	07	0,18	70	8	13	9	4,4
HDC 08 SS	08	0,23	80	8	13	9	6,6
HDC 10 SS	10	0,35	100	10	16	12	13,0
HDC 11 SS	11	0,45	120	11	18	16	19,0
HDC 12 SS	12	0,57	140	13	20	19	25,6

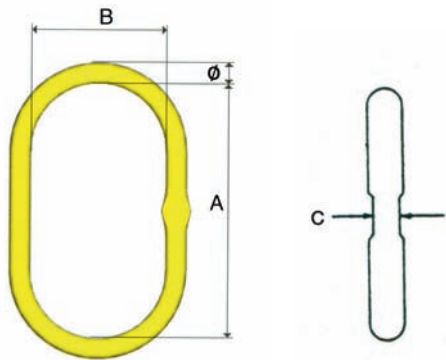
Seismic Product Catalogue

6.7. Hooks and links.



Masterlinks
Grade 10
Yellowpainted

Part no.	Size	= Ø	SWL 4:1	A	B	Weight
		mm	Ton	mm	mm	kg
HM-6-10	3/8"	11	1,2	100	60	0,2
HM-86-10	1/2"	14	2,5	120	70	0,4
HM-108-10	5/8"	17	4,0	140	80	0,8
HM-13-10	3/4"	19	5,4	150	90	1,0
HM-1310-10	7/8"	22	7,5	160	95	1,5
HM-1613-10	1"	25	10,0	190	110	2,3
HM-19-10	1 3/16"	30	12,0	200	120	3,5
HM-2016-10	1 5/16"	34	17,0	240	140	5,3
HM-2220-10	1 1/2"	38	25,0	250	150	7,0
HM-2622-10	1 9/16"	40	28,0	250	150	8,0
HM-32-10	1 3/4"	45	33,0	300	180	12,0
HM-3226-10	2"	50	43,0	300	200	15,0
HM-3632-10	2 1/4"	55	56,0	350	200	21,0

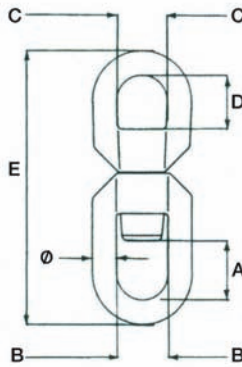


Masterlinks
Grade 10
Yellowpainted

Part no.	Size	= Ø	SWL 4:1	A	B	C	Weight
		mm	Ton	mm	mm	mm	kg
HMF-6-8	3/8"	11	1,2	100	60	6	0,2
HMF-86-8	1/2"	14	2,5	120	70	6	0,4
HMF-108-8	5/8"	17	4,0	140	80	8	0,8
HMF-1310-8	7/8"	22	7,5	160	95	10	1,5
HMF-1613-8	1"	25	10,0	190	110	13	2,3
HMF-2016-8	1 5/16"	34	17,0	240	140	16	5,3
HMF-2220-8	1 1/2"	38	25,0	250	150	19	7,0

6.8. Hooks and links.

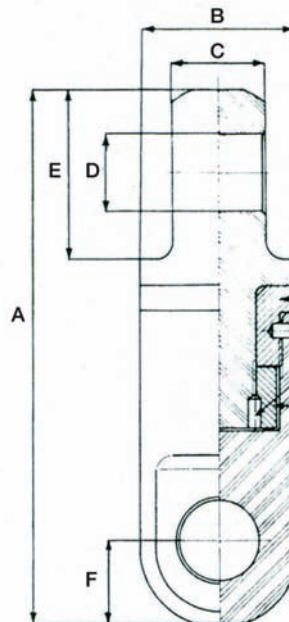
Swivels
Stainless steel



Part no.	Size	= Ø	SWL 5:1	A	B	C	D	E	Weight
		mm	Ton	mm	mm	mm	mm	mm	kg
HA 06 SS	1/4"	06	0,27	14	14	14	14	64	0,05
HA 08 SS	5/16"	08	0,50	19	19	19	19	93	0,14
HA 10 SS	3/8"	10	1,10	30	28	20	20	110	0,23
HA 12 SS	1/2"	13	1,60	29	28	27	30	140	0,36
HA 16 SS	5/8"	16	3,20	43	38	35	47	180	0,89
HA 19 SS	3/4"	19	4,70	45	39	38	40	205	1,80
HA 19 SS L	3/4"	19	4,70	45	39	38	63	230	1,85
HA 22 SS	7/8"	22	6,30	45	40	40	42	222	2,25
HA 22 SS L	7/8"	22	6,30	45	40	40	65	250	2,40
HA 25 SS	1"	25	8,30	52	50	42	52	278	4,10
HA 25 SS L	1"	25	8,30	52	47	47	84	300	4,30
HA 32 SS	1 1/4"	32	12,00	60	50	50	98	350	8,15
HA 38 SS	1 1/2"	38	18,00	72	58	58	112	390	13,00

Against extra charge are all swivels available:
"C": Tested and with certificate
On order add letter, e.g. A 32 SS C '

Bronze bushing
Stainless steel



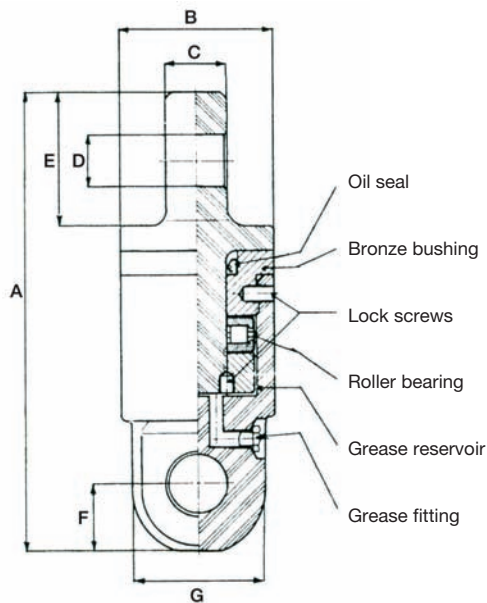
Bronze bushing
Lock screws
Grease reservoir

Part no.	SWL 5:1	A	B	C	D	E	F	Weight
	Ton	mm	mm	mm	mm	mm	mm	kg
H A 304	4,0	169	49	29	26	50	25	1,60
H A 306	6,0	197	58	34	30	60	31	2,70
H A 308	8,0	224	68	40	34	69	35	4,40

Against extra charge are all swivels available:
"C": Tested and with certificate
On order add letter, e.g. A304 C

Seismic Product Catalogue

6.9. Hooks and links.

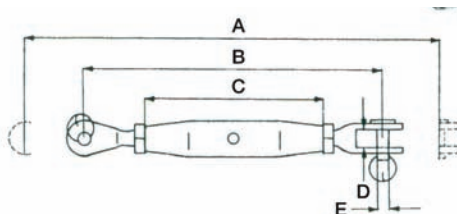


Swivels
steel
Tapered roller thrust bearing
Greaseable

Part no.	SWL 5:1	A	B	C	D	E	F	G	Weight
	Ton	mm	mm	mm	mm	mm	mm	mm	kg
HA 401	1,0	126	43	16	15	36	18	35	0,60
HA 402	2,0	157	54	20	20	45	22	45	1,50
HA 403	3,0	189	65	27	26	55	28	55	2,75
HA 405	5,0	220	70	33	30	64	33	60	3,90
HA 408	8,0	250	85	42	34	73	39	75	6,70
HA 412	12,0	295	95	50	41	86	45	86	10,60
HA 417	17,0	360	120	57	45	113	55	108	18,50
HA 422	22,0	435	131	60	52	118	63	118	29,70
HA 432	32,0	500	160	65	59	132	73	140	45,00
HA 445	45,0	700	220	102	74	190	100	200	130,00

Against extra charge are all swivels available:
"C": Tested and with certificate
On order add letter, e.g. A 412 C

7.1. Thimbles.

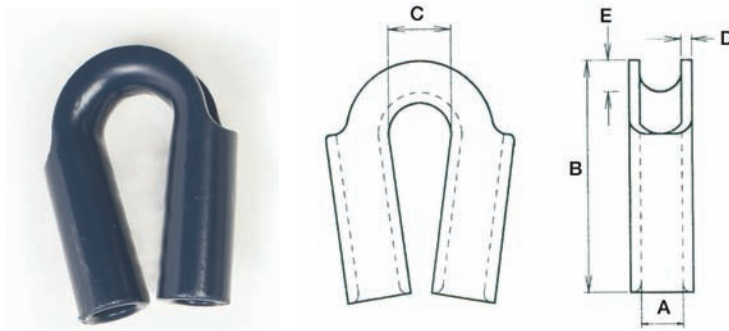


Rigging screws
Stainless steel

Part no.	Size = Ø	SWL 5:1	A	B	C	D	E	Weight
		kg	mm	mm	mm	mm	mm	kg/100
HG120005	5	180	180	126	80	8	5	5,1
HG120006	6	250	200	138	92	8	5	9,0
HG120008	8	350	234	158	112	10	6	14,0
HG120010	10	700	272	188	120	11	8	24,0
HG120012	12	1020	350	244	150	14	12	52,5
HG120014	14	1180	387	267	170	14	12	63,5
HG120016	16	1600	446	313	190	18	14	100,0
HG120020	20	2600	550	390	220	18	19	197,0
HG120022	22	3400	653	472	270	30	22	430,0

7.2. Thimbles.

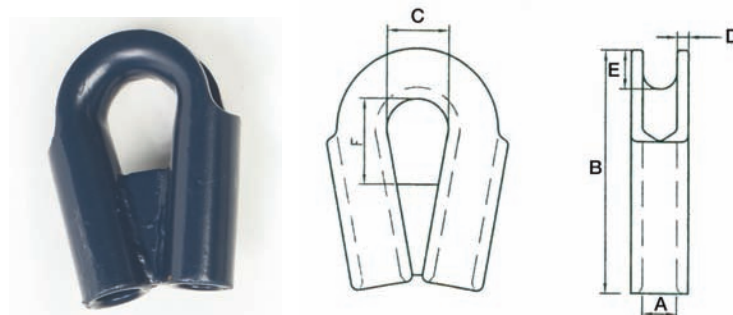
Wire thimble
Blue



Part no.	A	B	C	D	E	Weight	For wire max.
	mm	mm	mm	mm	mm	kg	mm
HG 712	12	84	23	4,0	8	0,21	10
HG 715	15	95	27	5,0	10	0,40	12
HG 717	17	100	27	5,0	10	0,48	14
HG 719	19	112	32	5,0	12	0,60	16
HG 722	22	125	35	5,0	15	0,71	18
HG 725	25	150	45	6,3	16	1,21	22
HG 728	28	157	45	7,0	16	1,60	24
HG 730	30	170	47	7,0	18	1,91	25
HG 735	35	190	60	7,0	22	2,36	32
HG 740	40	212	70	9,0	36	3,46	36
HG 745	45	228	70	7,0	27	3,54	38
HG 750	50	255	75	7,0	35	4,20	42
HG 755	55	268	80	7,5	31	4,80	48

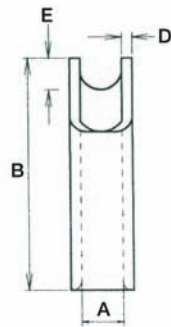
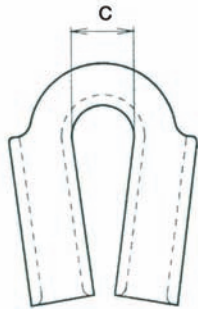
Against extra charge wire thimbles are available galvanized. Add "G", e.g. G 725 KG.

Wire thimble
Blue
With gusset



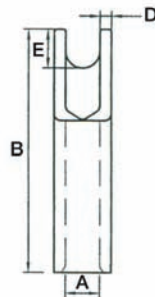
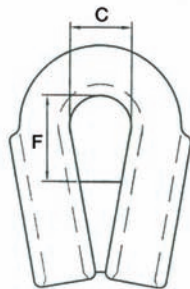
Part no.	A	B	C	D	E	F	Weight	For wire max.
	mm	mm	mm	mm	mm	mm	kg	mm
HG 712 K	12	84	23	4,0	8	24	0,36	10
HG 715 K	15	95	27	5,0	10	31	0,52	12
HG 717 K	17	100	27	5,0	10	38	0,55	14
HG 719 K	19	112	32	5,0	12	46	0,65	16
HG 722 K	22	125	35	5,0	15	47	0,90	18
HG 725 K	25	150	45	6,3	16	61	1,26	22
HG 728 K	28	157	45	7,0	16	56	1,64	24
HG 730 K	30	170	47	7,0	18	68	2,02	25
HG 735 K	35	190	60	7,0	22	73	2,50	32
HG 740 K	40	212	70	9,0	36	80	3,70	36
HG 745 K	45	228	70	7,0	27	94	3,71	38
HG 750 K	50	255	75	7,0	35	97	4,65	42
HG 755 K	55	268	80	7,5	31	99	4,90	48

7.3. Thimbles.



Wire thimble
Stainless steel

Part no.	A	B	C	D	E	Weight	For wire max.
	mm	mm	mm	mm	mm	kg	mm
HG 815	15	91	27	5,0	9	0,39	12
HG 819	19	113	31	5,0	11	0,79	16
HG 824	24	136	46	5,0	15	1,04	21
HG 827	27	142	45	5,0	15	1,29	24
HG 831	31	163	48	7,0	19	1,84	28
HG 839	39	179	60	5,5	20	1,68	35
HG 848	48	220	74	5,5	32	2,71	44
HG 860	60	260	81	8,5	38	5,75	54



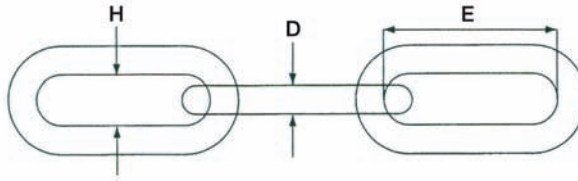
Wire thimble
Stainless steel
With gusset

Part no.	A	B	C	D	E	F	Weight	For wire max.
	mm	mm	mm	mm	mm	mm	kg	mm
HG 815 K	15	91	27	5,0	9	32	0,41	12
HG 819 K	19	113	31	5,0	11	46	0,62	16
HG 824 K	24	136	46	5,0	15	57	1,11	21
HG 827 K	27	142	45	5,0	15	62	1,36	24
HG 831 K	31	163	48	7,0	19	66	1,92	28
HG 839 K	39	179	60	5,5	20	83	1,79	35
HG 848 K	48	220	74	5,5	32	82	2,90	44
HG 860 K	60	260	81	8,5	38	90	5,90	54

Seismic Product Catalogue

8.1. Chain and chain connectors.

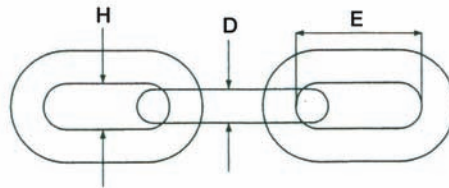
Alloy steel chain
Long link



Part no.	SWL 5:1	D	E	H	Meter/barrel	Weight
	Ton	mm	mm	mm		Kg/mtr.
HHLL-9-8	2,0	9	57	16	150	1,4
HHLL-11-8	3,0	11	66	18	150	2,1
HHLL-13-8	4,2	13	81	22	150	2,7
HLL-16-8	6,4	16	100	26	50-100	4,3
HLL-19-8	9,0	19	100	28	50-100	6,5
HLL-22-8	12,1	22	120	32	50-100	8,5
HLL-28-8	19,7	28	150	39	50	14,0
HLL-32-8	25,7	32	170	44	50	19,0

Available yellow or blackpainted

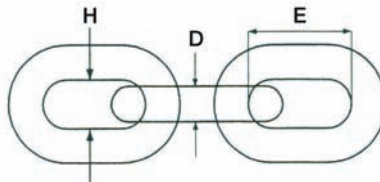
Mid Link



Part no.	SWL 5:1	D	E	H	Meter/barrel	Weight
	Ton	mm	mm	mm		Kg/mtr.
HMLL-13-8	4,2	13	50	18	100	3,3
HMLL-16-8	6,4	16	65	29	100	5,1
HMLL-19-8	9,0	19	75	29	100	7,1
HMLL-22-8	12,1	22	88	30	50	9,4

Available yellow or blackpainted

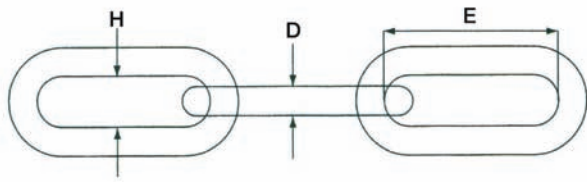
Short Link



Part no.	SWL 5:1	D	E	H	Meter/barrel	Weight
	Ton	mm	mm	mm		Kg/mtr.
HKLL-13-8	4,2	13	39	17	100	3,4
HKLL-16-8	6,4	16	48	22	100	5,3
HKLL-19-8	9,0	19	57	26	50	8,0
HKLL-22-8	12,1	22	66	30	50	11,0

Available blackpainted

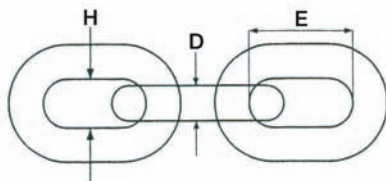
8.2. Chain and chain connectors.



Chain
Long link
Stainless steel

Part no.	SWL 6:1	D	E	H	Weight
	Kg	mm	mm	mm	Kg/mtr.
HLL-02-316	50	2	22	4	0,06
HLL-04-316	210	4	32	8	0,27
HLL-06-316	470	6	42	12	0,63
HLL-08-316	840	8	52	16	1,10
HLL-10-316	1310	10	56	20	1,75
HLL-13-316	2250	13	82	26	2,95
HLL-16-316	3350	16	82	32	4,45

AISI 316
DIN 763



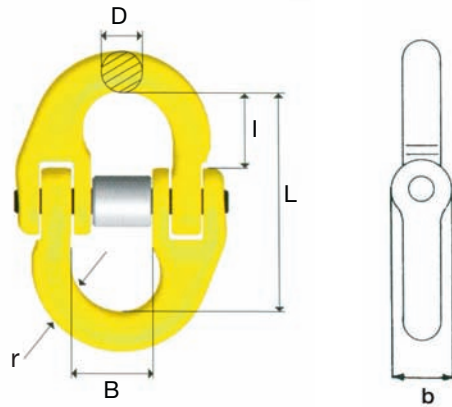
Short Link
Stainless steel

Part no.	SWL 4:1	D	E	H	Weight
	Kg	mm	mm	mm	Kg/mtr.
HKL-03-316	100	3	16,0	5	0,16
HKL-04-316	315	4	16,0	6	0,32
HKL-05-316	490	5	18,5	7	0,50
HKL-06-316	700	6	18,5	8	0,75
HKL-07-316	960	7	22,0	9	1,00
HKL-08-316	1260	8	24,0	10	1,35
HKL-10-316	1960	10	28,0	14	2,25
HKL-13-316	3320	13	36,0	18	3,80

AISI 316
DIN 766

8.3. Chain and chain connectors.

Connectors



Part no.	SWL 5:1	L	B	D	b	l	r	Min. hole for mounting Ø	Number/box	Weight
	Ton	mm	mm	mm	mm	mm	mm	mm		kg
HG-7/8-8	1,6	56	18	8	13	22	9	14	40	0,16
HG-10-8	2,5	68	25	12	18	26	13	19	20	0,30
HG-13-8	4,2	88	29	15	23	33	15	24	20	0,69
HG-16-8	6,4	104	36	19	25	40	20	26	15	1,10
HG-19-8	10,0	125	43	22	30	48	23	32	10	1,80
HG-22-8	12,0	150	49	24	34	59	26	35	1	3,00
HG-26-8	17,0	160	58	29	36	61	30	38	1	4,60
HG-32-8	25,0	200	70	36	40	78	36	42	1	8,60

Part no.	SWL 5:1	L	B	D	b	l	r	Min. hole for mounting Ø	Number/box	Weight
	Ton	mm	mm	mm	mm	mm	mm	mm		kg
HGF-10-8	2,5	68	25	12	18	26	13	19	20	0,30
HGF-13-8	4,2	88	29	15	23	33	15	24	20	0,69
HGF-16-8	6,4	104	36	19	25	40	20	26	15	1,10
HGF-19-8	10,0	125	43	22	30	48	23	32	10	1,80
HGF-22-8	12,0	150	49	24	34	59	26	35	1	3,00

Fishing type



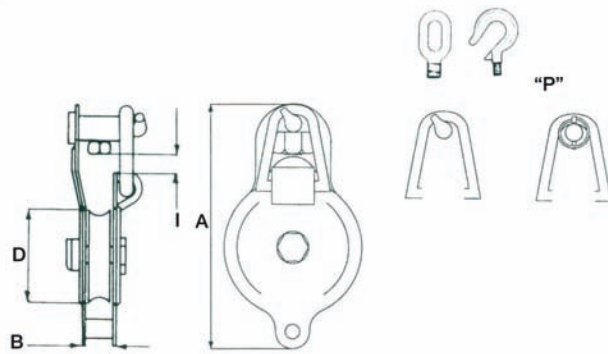
Part no.	Weight	For
	kg	
HSKA-7/8	0,02	G-7/8-8
HSKA-10	0,10	G-10-8
HSKA-13	0,15	G-13-8
HSKA-16	0,20	G-16-8
HSKA-19	0,25	G-19-8
HSKA-22	0,35	G-22-8
HSKA-26	0,55	G-26-8
HSKA-32	0,80	G-32-8

Part no.	Weight	For
	kg	
HSKAF-10	0,10	GF-10-8
HSKAF-13	0,15	GF-13-8
HSKAF-16	0,20	GF-16-8
HSKAF-19	0,25	GF-19-8
HSKAF-22	0,35	GF-22-8

Spareparts for connectors

Seismic Product Catalogue

9.1. Blocks.



BMM-Snatch blocks
Galvanized

Block part no.	SWL	Max load on head-fitting	Test load	A	B	D	I	MAX WIRE	Weight
	Ton	Ton	Ton	mm	mm	mm	mm	mm	Kg
HKS 2- ☐ ☐	2,0	4,0	8,0	225	24	110	23	18	3,7
HKS 3- ☐ ☐	3,0	6,0	12,0	300	28	150	30	18	7,5
HKS 4- ☐ ☐	4,0	8,0	16,0	330	35	185	33	22	13,5
HKS 6- ☐ ☐	6,0	12,0	24,0	378	41	210	35	24	19,4

BMM-Bloks must be ordered with:

- either ☐ 1 Ball bearing; KT1, KT2 sealed ball bearings; KT3, KT4, KT6 greaseable ball bearings.
- or ☐ 0 Bronze bushing; All bronze bushings are greaseable.
- either ☐ E Swivel eye.
- or ☐ K Swivel hook.

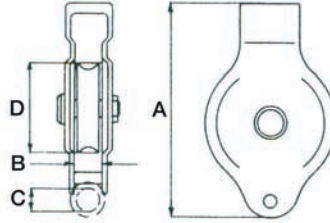
Against extra charge are all blocks available:

- "C" Tested with certificate.
- "P" Split pin at locking device.
- "H" Flame hardened sheave.

On order add letter, e.g. HKS 2-1EGP.

9.2. Blocks.

BMM blocks
Galvanized



Part no.	SWL	Max load on head-fitting	Test load	A	B	C	D	MAX WIRE	Weight
	Ton	Ton	Ton	mm	mm	mm	mm	mm	Kg
HKT 1- ☐ ☐	1,0	2,0	4,0	163	22	16	80	16	1,7
HKT 2- ☐ ☐	2,0	4,0	8,0	195	24	22	110	18	3,1
HKT 3- ☐ ☐	3,0	6,0	8,0	257	28	31	150	20	6,4
HKT 4- ☐ ☐	4,0	8,0	16,0	330	35	40	185	22	11,1
HKT 6- ☐ ☐	6,0	12,0	24,0	365	42	40	210	24	17,0

BMM-Blocks must be ordered with:

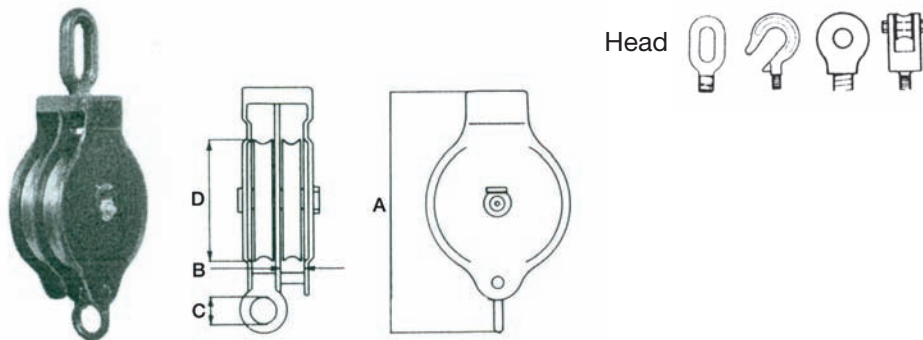
- either ☐ 1 Ball bearing; KT1, KT2 sealed ball bearings; KT3, KT4, KT6 greaseable ball bearings.
- or ☐ 0 Bronze bushing; All bronze bushings are greaseable.
- either ☐ E Swivel eye.
- or ☐ K Swivel hook. If the block is used with hook as suspension, the SWL is reduced with 50%
- or ☐ F Swivel fork, KT4, KT6.
- or ☐ S Swivel shackle eye, KT4, KT6.

Against extra charge are all blocks available:

- "B" Becket.
- "C" Tested with certificate.
- "H" Flame hardened sheave.

On order add letter, e.g. HKT 2-1EGC.

9.3. Blocks.



BMM-Snatch blocks
Galvanized

Part no.	SWL 5:1	Max load on head- fitting	Test load	A	B	C	D	MAX WIRE	Weight
	Ton	Ton	Ton	mm	mm	mm	mm	mm	Kg
HKT 1D-□□	1,0	2,0	4,0	187	22	16	80	16	3,1
HKT 2D-□□	2,0	4,0	8,0	224	24	22	110	18	5,2
HKT 3D-□□	3,0	6,0	12,0	296	28	31	150	20	11,0
HKT 4D-□□	4,0	8,0	16,0	385	35	40	185	22	19,0
HKT 6D-□□	6,0	12,0	24,0	425	42	40	210	24	27,8

BMM-Bloks must be ordered with:

- either 1 Ball bearing; KT1, KT2 sealed ball bearings; KT3, KT4, KT6 greaseable ball bearings.
- or 0 Bronze bushing; All bronze bushings are greaseable.
- either E Swivel eye.
- or K Swivel hook.
- or F Swivel fork, KT4, KT6.
- or S Swivel shackle eye, KT4, KT6.

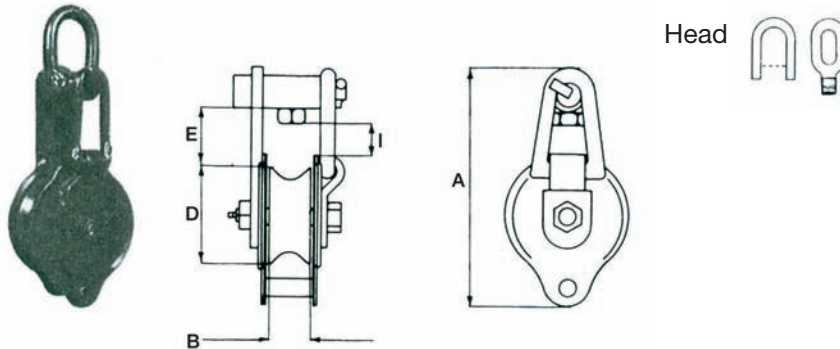
Against extra charge are all blocks available:

- “C” Tested with certificate.
- “H” Flame hardened sheave.

On order add letter, e.g. HKT 2D-1EGC.

9.4. Blocks.

BMM-Snatch blocks Bronze bushing



Part no.	SWL 5:1	Max load on head- fitting	Test load	A	B	D	E	I	Weight
	Ton	Ton	Ton	mm	mm	mm	mm	mm	Kg
HKS 40 ☐	3,5	7,0	14,0	250	45	100	45	38	7,5
HKS 50 ☐	4,6	9,2	18,4	325	60	150	80	60	15,2
HKS 60 ☐	6,0	12,0	24,0	375	60	215	50	50	24,0

BMM-Bloks must be ordered with:

either ☐ E Swivel eye.

or ☐ R Firm eye.

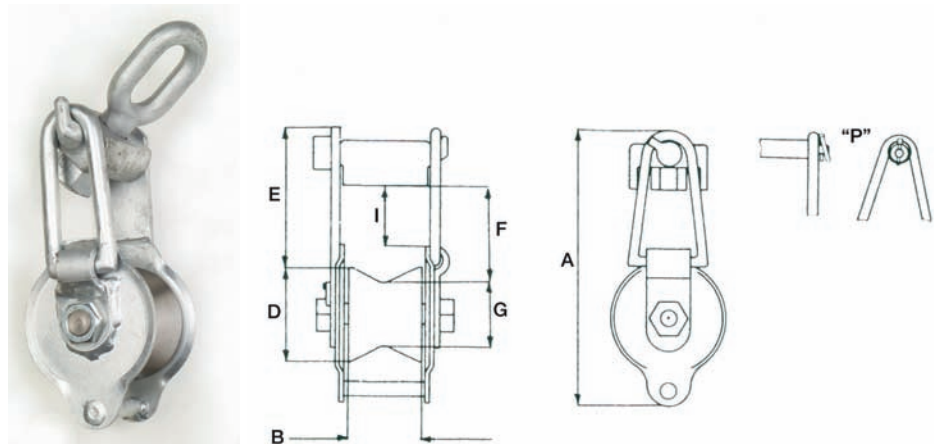
Against extra charge are all blocks available:

“C” Tested with certificate.

Galvanized

On order add letter, e.g. HKS 50-RGC.

BMM-Snatch blocks Galvanized



Block part no.	SWL 5:1	Max load on head- fitting	Test load	A	B	D	E	F	G	I	Weight
	Ton	Ton	Ton	mm	mm	mm	mm	mm	mm	mm	Kg
HKS 110- ☐ E	3,0	6,0	12,0	255	85	110	68	85	70	45	10,0
HKS 150- ☐ E	5,0	10,0	20,0	330	85	150	75	85	110	55	19,2
HKS 215- ☐ E	8,0	16,0	32,0	425	100	215	95	100	170	63	39,5

BMM-Bloks must be ordered with:

either ☐ 1 Ball bearing, greaseable.

or ☐ 0 Bronze bushing, greaseable.

Against extra charge are all blocks available:

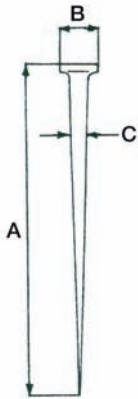
“C” Tested with certificate.

“P” Split pin at locking device.

On order add letter, e.g. HKS 150-1EGC.

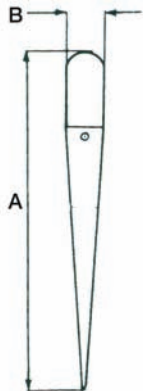
Seismic Product Catalogue

10.1. Tools and equipment.



Marline spikes for wire
Chrome steel, hardened tip

Part no.	A	A	B	C	Weight	Material
	mm	inch	mm	mm	kg	
HEM 260 CH	260	10"	28	16	0,24	Chrome steel, hardened tip
HEM 310 CH	310	12"	28	20	0,37	-
HEM 350 CH	350	14"	38	25	0,81	-
HEM 410 CH	410	16"	38	25	1,06	-
HEM 450 CH	450	18"	43	28	1,21	-
HEM 510 CH	510	20"	43	28	1,39	-
HEM 610 CH	610	24"	43	28	1,88	-
HEM 700 CH	700	28"	43	28	2,30	-
HEM 900 CH	900	36"	43	28	3,38	-



Marline spikes
Stainless steel

Part no.	A	B	Weight	Handle
	mm	mm	kg	
HEM 170 SS	170	24	0,030	wood
HEM 280 SS	280	32	0,125	wood
HEM 305 SS	305	33	0,260	nylon
HEM 385 SS	385	43	0,460	nylon

10.2. Tools and equipment.

PART NO.

Knives

HK 19050

Black Plast/stainless/ 10 pcs/box



HK 39050

Black Plast/stainless/ 10 pcs/box



HK 50433

Black Plast/stainless/ 10 pcs/box



PART NO.

Knives

HK 640

Red Plast/stainless/ Incl. sheath
12 pcs/box



HK 660

Blue Plast/stainless/ Incl. sheath
12 pcs/box



HK 740

Red Plast/stainless/ Incl. sheath
12 pcs/box



HK 760

Blue Plast/stainless/ Incl. sheath
12 pcs/box



HK 780

Black Plast/stainless/ Incl. sheath
12 pcs/box



10.3. Tools and equipment.

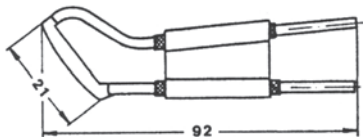
HHSG-0

Electric cutters

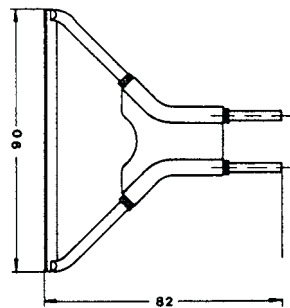


Part no.	Power	Weight
		kg
HHSG-0/110	110 V / 60 w	1
HHSG-0/220	220 V / 60 w	1

TYPE R



TYPE G-90



Blades

Part no.	For electric knife
HHSG-0/R	HHSG-0/110 & 220
HHSG-4-VW/G-90	HHSG-4-VW/110 & 220
HHSG-4-VW/R-1	HHSG-4-VW/110 & 220

Electric knife for quick and efficient syntetic rope cutting.
The rope ends are simultaneously heat sealed in cutting process.

11.1. Fiber lifting and lashing equipment.

European standard EN 12195-2

Lashing 4 - 10 Tonnes



10 tonnes



5 tonnes
Extra long handle



5 tonnes



4 tonnes

Art. no.	Description	Colour	Width mm	Breaking strength tonnes	EN 12195-2 LC daN	EN 12195-2 STF daN
Complete lashing						
HM275140	0.4+3.5 m with wire hook	Yellow	75	10	3000	305
HM275141	0.4+9.5 m with wire hook	Yellow	75	10	3000	305
Complete lashing Extra long handle (ERGO)						
HM23410K	0.4+9.5 m wire hook	Blue	50	5	2000	430
Complete lashing						
HM135098	0.4+7.5 m with wire hook	Blue	50	5	2000	340
HM136090	0.4+9.5 m with wire hook	Blue	50	5	2000	340
Complete lashing						
HM134098	0.5+ 7.5 m wire hook	Blue	50	4	1700	340
HM134090	0.5+9,5 m wire hook	Blue	50	4	1700	340
HM24595W	10m endless	Blue	50	5	4000	340
Ratchet with short straps						
HM135051K	0.5m with wire hook	Blue	50	4 & 5	1700	

Other lengths and fittings can be offered on request.

11.2. Fiber lifting and lashing equipment.

European standard EN 12195-2



2.5 tonnes



3 tonnes
Stainless



1.5 tonnes



2.5 tonnes
Wheel lashing

Lashing 1 - 4 Tonnes

Art. no.	Description	Colour	Width mm	Breaking strength tonnes	EN 12195-2 LC daN	EN 12195-2 STF daN
Complete lashing						
HM140090	0.5+4.5 m with wire hook	Orange	35	2.5	1000	180
HM140091	0.5+5.5 m with wire hook	Orange	35	2.5	1000	180
HLC 2000	5 m endless (single web.)	Orange	35	2.5	1000	
Complete lashing stainless						
HM22210K	0.4+9.5 m with wire hook	Blue	50	3	1500	305
HM151106	0.4+3.6 with sewn-on eyes	White	25	0.6	300	
Complete lashing						
HM150101	0,4+3,6 m with sewn-on eyes	Blue	26	1.5	700	150
HM150102	0,4+3,6 m with wire hook	Blue	26	1.5	700	150
HM150110	0,5+4,5 m with wire hook	Blue	26	1.5	700	150
HLC 1400	5 m endless	Blue	26	1.5	700	150
Complete lashing						
HM151002	0.4+3.6 m with sewn-on eyes	Orange	25	0.7	300	100
HM151003	0.4+3.6 m with wire hook	Orange	25	0.7	300	100
HM151005	0.5+4.5 m with wire hook	Orange	25	0.7	300	100
HLC 600	5 m endless	Orange	25	0.7	300	100
Wheel lashing						
HM144301	2 m Tensioner with fixed hook and wheel sling	Orange	35	2.5	1000	180
HM144302	3 m Tensioner with fixed hook and wheei sling	Orange	35	2.5	1000	180
HM144303	0.3+2 m Tensioner with hook, webbing and wheel sling	Orange	35	2.5	1000	180
HM144304	0.3+3 m Tensioner with hook, webbing and wheel sling	Orange	35	2.5	1000	180
HM122301	2 m Tensioner with fixed hook and wheel sling	Orange	50	4	1700	340
HM122302	3 m Tensioner with fixed hook and wheel sling	Orange	50	4	1700	340
HM122303	0.3 + 2 m Tensioner with hook, webbing and wheel sling	Orange	50	4	1700	340
HM122304	0.3 + 2 m Tensioner with hook, webbing and wheel sling	Orange	50	4	1700	340

11.3. Fiber lifting and lashing equipment.

EN 1492-2

Gunnebo Lifting Roundsling with seamless single cover and protected label, made of 100% high tensile polyester, close-woven sealed material for high wear resistance.

CE-marked

Safety factor 7:1

Gunnebo Lifting roundsling for safe lifting - marked with Gunnebo Lifting manufacturer ID.

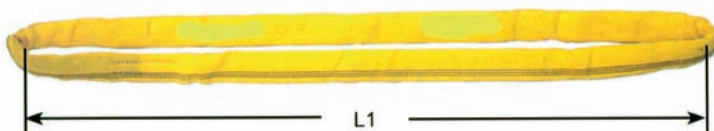


Roundsling, Single Cover
Max WLL: 1–15 tonnes.

Eff. length	WLL 1 tonnes		WLL 2 tonnes		WLL 3 tonnes		WLL 4 tonnes		WLL 5 tonnes	
	Art. no.	Weight kgs	Art. no.	Weight kgs	Art. no.	Weight kgs	Art. no.	Weight kgs	Art. no.	Weight kgs
0.5	HM57P101	0.2	HM57P201	0.3	HM57P301	0.4				
1	HM57P102	0.4	HM57P202	0.5	HM57P302	0.6	HM57P402	0.8	HM57P502	1
1.5	HM57P103	0.5	HM57P203	0.7	HM57P303	1.1	HM57P403	1.2	HM57P503	1.4
2	HM57P104	0.7	HM57P204	1.1	HM57P304	1.3	HM57P404	1.6	HM57P504	1.9
2.5	HM57P105	0.7	HM57P205	1.7	HM57P305	1.4	HM57P405	2	HM57P505	2.3
3	HM57P106	1	HM57P206	1.5	HM57P306	1.8	HM57P406	2.3	HM57P506	2.7
4	HM57P108	1.4	HM57P208	2	HM57P308	2.6	HM57P408	3.1	HM57P508	3.6
5	HM57P110	1.9	HM57P210	2.5	HM57P310	3.2	HM57P410	3.9	HM57P510	4.4
6	HM57P112	2.4	HM57P212	2.8	HM57P312	3.9	HM57P412	4.7	HM57P512	5.3

Eff. length	WLL 6 tonnes		WLL 8 tonnes		WLL 10 tonnes		WLL 12 tonnes		WLL 15 tonnes	
	Art. no.	Weight kgs	Art. no.	Weight kgs	Art. no.	Weight kgs	Art. no.	Weight kgs	Art. no.	Weight kgs
2	HM57P604	2.3	HM57P804	3.1	HM571004	3.9	HM571204	4.9	HM571504	5.8
2.5	HM57P605	3.4	HM570805	3.8	HM571005	4.8	-		-	
3	HM57P606	3.4	HM57P806	4.5	HM571006	5.8	HM571206	7.3	HM571506	8.7
4	HM57P608	4.6	HM57P808	6	HM571008	7.7	HM571208	9.6	HM571508	11.6
5	HM57P610	5.7	HM57P810	7.5	HM571010	9.6	HM571210	12	HM571510	14.5
6	HM57P612	6.8	HM57P812	9	HM571012	11.4	HM571212	14.2	HM571512	17.4
7	-	-	-	-	HM571014	13.2	HM571214	16.5	HM571514	20.3
8	-	-	-	-	HM571016	15.1	HM571216	18.8	HM571516	23.2

Other sizes can be produced upon request.



L1 = Effective length

11.4. Fiber lifting and lashing equipment.

EN 1492-1

Webbing Sling Duplex
with folded and sleeved eyes

WLL: 1 – 15 tonnes.

Gunnebo Lifting flat webbing slings with eyes, made of 100% high-tensile polyester, close woven sealed material for high wear resistance.

According to standard specifications. Gunnebo Lifting webbing sling for safe lifting - marked with Gunnebo Lifting manufacturer ID.



Eff. length m	WLL 1 tonnes Web. width 30 mm		WLL 2 tonnes Web. width 60 mm		WLL 3 tonnes Web. width 90 mm	
	Art. no.	Weight kgs	Art. no.	Weight kgs	Art. no.	Weight kgs
1	HM37P101	0.3	HM37P201	0.6	-	
2	HM37P102	0.5	HM37P202	1	HM37P302	1.4
3	HM37P103	0.7	HM37P203	1.3	HM37P303	2
4	HM37P104	0.9	HM37P204	1.7	HM37P304	2.5
5	HM37P105	1	HM37P205	2	HM37P305	3.1
6	HM37P106	1.3	HM37P206	2.4	HM37P306	3.6
8	HM37P108	1.4	HM37P208	2.8	HM37P308	4.6
10	HM033110	1.8	HM37P210	3.7	HM37P310	5.7
12	HM033112	2.1	HM37P212	4.8	HM37P312	6.1

Eff. length m	WLL 4 tonnes Web. width 120 mm		WLL 5 tonnes Web. width 150 mm		WLL 6 tonnes Web. width 180 mm		WLL 8 tonnes Web. width 240 mm	
	Art. no.	Weight kgs	Art. no.	Weight kgs	Art. no.	Weight kgs	Art. no.	Weight kgs
6	HM37P406	5.1	HM033506	6.7	HM033606	6.7	HM033806	9.1
8	HM37P408	6.7	HM033508	8.9	HM033608	8.8	HM033808	11.7
10	HM37P410	8.4	HM033510	11	HM033610	10.8	HM033810	14.5
12	HM37P412	9.7	HM033512	13.1	HM033612	12.9	HM033812	17.3

Eff. length m	WLL 10 tonnes Web. width 300 mm		WLL 12 tonnes Web. width 180 mm		WLL 15 tonnes Web. width 240 mm	
	Art. no.	Weight kgs	Art. no.	Weight kgs	Art. no.	Weight kgs
6	HM371005	10.2	HM033206	12.5	HM0331506	18
8	HM371008	13.4	HM033208	16.5	HM0331508	23
10	HM371010	16.4	HM033210	21.5	HM0331510	29
12	HM371012	20.3	HM033212	24.6	HM0331512	35

Other sizes can be produced upon request.

CERTIFICATION



Hampidjan is ISO 9001 certified for quality assurance, ISO 14001 certified for environment issues and OHSAS ISO 18001 certified for health and safety of the employees. Certification is from DNV – Det Norske Veritas.

The seismic vessel photo on the front is from Oceanic Vega, the schematic drawing on page 2. are published with the courtesy of PGS.
The vessel photo on back cover is from Polarcus.

