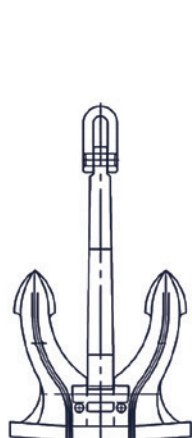
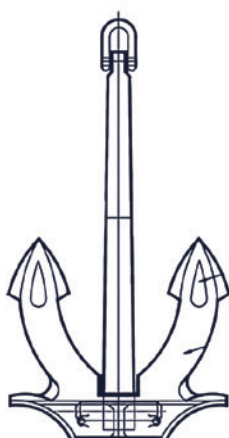


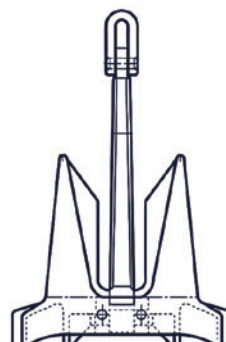
Materials: black steel, hot deep galvanized (HDG), stainless steel



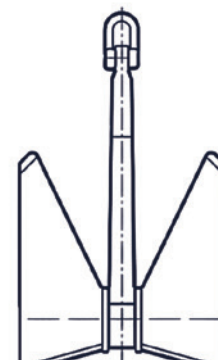
SPEK
stockless type



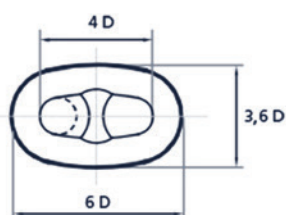
HALL
stockless type



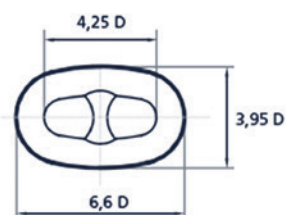
AC-14 HPP
type



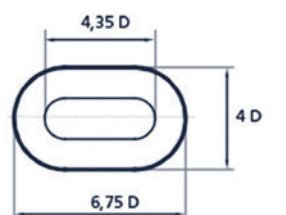
POLL TW HPP
type



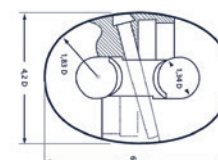
Common link C



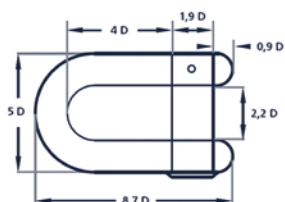
Enlarged link EL



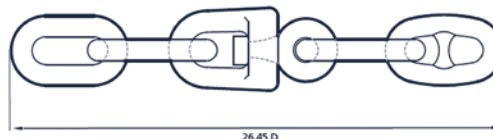
End link E



Joining shackle
type Kenter



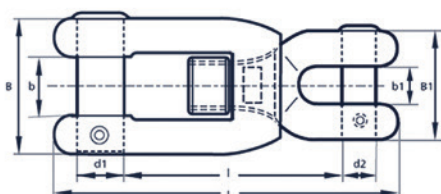
End shackle type D



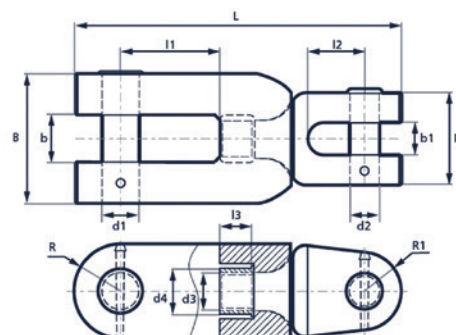
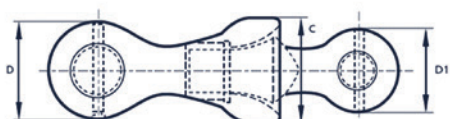
Swivel-forerunner



Three links adaptor



Swivel shackle type B



Swivel shackle type A

Equipment number	Equipment letter			Weight per anchor (Kgs)	H.H.P (Kgs)	Total length of chain (mtr)	Diameter		
	LR	ABS	DNVGL				Grade 1	Grade 2	Grade 3
50 – 69	A	U1	A	180	135	220	14	12.5	-
70 – 89	B	U2	B	240	180	220	16	14	-
90 – 109	C	U3	C	300	225	247.5	17.5	16	-
110 – 129	D	U4	D	360	270	247.5	19	17.5	-
130 – 149	E	U5	E	420	315	275	20.5	17.5	-
150 – 174	F	U6	F	480	360	275	22	19	-
175 – 204	G	U7	G	570	430	302.5	24	20.5	-
205 – 239	H	U8	H	660	495	302.5	26	22	20.5
240 – 279	I	U9	I	780	585	330	28	24	22
280 – 319	J	U10	J	900	675	357.5	30	26	24
320 – 359	K	U11	K	1020	765	357.5	32	28	24
360 – 399	L	U12	L	1140	855	385	34	30	26
400 – 449	M	U13	M	1290	970	385	36	32	28
450 – 499	N	U14	N	1440	1080	412.5	38	34	30
500 – 549	O	U15	O	1590	1195	412.5	40	34	30
550 – 599	P	U16	P	1740	1305	440	42	36	32
600 – 659	Q	U17	Q	1920	1440	440	44	38	34
660 – 719	R	U18	R	2100	1575	440	46	40	36
720 – 779	S	U19	S	2280	1710	467.5	48	42	36
780 – 839	T	U20	T	2460	1845	467.5	50	44	38
840 – 909	U	U21	U	2640	1980	467.5	52	46	40
910 – 979	V	U22	V	2850	2140	495	54	48	42
980 – 1059	W	U23	W	3060	2295	495	56	50	44
1060 – 1139	X	U24	X	3300	2475	495	58	50	46
1140 – 1219	Y	U25	Y	3540	2655	522.5	60	52	46
1220 – 1299	Z	U26	Z	3780	2835	522.5	62	54	48
1300 – 1389	A+	U27	A+	4050	3040	522.5	64	56	50
1390 – 1479	B+	U28	B+	4320	3240	550	66	58	50
1480 – 1569	C+	U29	C+	4590	3445	550	68	60	52
1570 – 1669	D+	U30	D+	4890	3670	550	70	62	54
1670 – 1789	E+	U31	E+	5250	3940	577.5	73	64	56
1790 – 1929	F+	U32	F+	5610	4210	577.5	76	66	58
1930 – 2079	G+	U33	G+	6000	4500	577.5	78	68	60
2080 – 2229	H+	U34	H+	6450	4840	605	81	70	62
2230 – 2379	I+	U35	I+	6900	5175	605	84	73	64
2380 – 2529	J+	U36	J+	7350	5515	605	87	76	66
2530 – 2699	K+	U37	K+	7800	5850	632.5	90	78	68
2700 – 2869	L+	U38	L+	8300	6225	632.5	92	81	70
2870 – 3039	M+	U39	M+	8700	6525	632.5	95	84	73
3040 – 3209	N+	U40	N+	9300	6975	660	97	84	76
3210 – 3399	O+	U41	O+	9900	7425	660	100	87	78
3400 – 3599	P+	U42	P+	10500	7875	660	102	90	78
3600 – 3799	Q+	U43	Q+	11100	8325	687.5	105	92	81
3800 – 3999	R+	U44	R+	11700	8775	687.5	107	95	84
4000 – 4199	S+	U45	S+	12300	9225	687.5	111	97	87
4200 – 4399	T+	U46	T+	12900	9675	715	114	100	87
4400 – 4599	U+	U47	U+	13500	10125	715	117	102	90
4600 – 4799	V+	U48	V+	14100	10575	715	120	105	92
4800 – 4999	W+	U49	W+	14700	11025	742.5	122	107	95
5000 – 5199	X+	U50	X+	15400	11550	742.5	124	111	97
5200 – 5499	Y+	U51	Y+	16100	12075	742.5	127	111	97
5500 – 5799	Z+	U52	Z+	16900	12675	742.5	130	114	100
5800 – 6099	A*	U53	A*	17800	13350	742.5	132	117	102
6100 – 6499	B*	U54	B*	18800	14100	742.5	137	120	107
6500 – 6899	C*	U55	C*	20000	15000	770	-	124	111
6900 – 7399	D*	U56	D*	21500	16125	770	-	127	114
7400 – 7899	E*	U57	E*	23000	17250	770	-	132	117
7900 – 8399	F*	U58	F*	24500	18375	770	-	137	122
8400 – 8899	G*	U59	G*	26000	19500	770	-	142	127
8900 – 9399	H*	U60	H*	27500	20625	770	-	147	132
9400 – 10000	I*	U61	I*	29000	21750	770	-	152	132

Diam	Stud link chain weights		Common link	Enlarged link	End link	Joining shackle Kenter	Anchor shackle type D	Swivel	Swivel shackle type A	Complete swivel-forerunner
mm	Kgs/mtr	Kgs/27,5 mtr	Kgs	Kgs	Kgs	Kgs	Kgs	Kgs	Kgs	Kgs
12.5	3.5	96	0.17	0.23	0.23	0.39	1.1	0.9	–	1.76
14	4.4	121	0.24	0.32	0.36	0.51	1.3	1.3	–	2.52
16	5.8	160	0.36	0.50	0.51	0.62	1.6	1.7	–	3.57
17.5	7.0	193	0.47	0.74	0.68	0.82	2.0	2.1	–	4.73
19	8.1	223	0.60	0.88	0.89	1.00	2.5	2.5	9.0	5.75
20.5	10.0	275	0.75	1.10	1.13	1.35	3.3	3.1	11.3	7.18
22	11.1	305	0.93	1.25	1.28	1.6	4.0	3.5	13.9	8.21
24	13.3	366	1.21	1.70	1.77	2.0	5.0	5.0	18.1	11.38
26	15.7	432	1.55	2.15	2.20	2.7	6.0	6.0	23.9	14.05
28	18.3	503	1.9	2.8	2.9	3.3	8.0	7.5	29.6	17.90
30	21.0	578	2.4	3.2	3.3	3.9	9.5	9.0	35.4	21.1
32	23.9	657	2.9	3.9	4.0	4.6	12.0	11.0	44.6	25.7
34	27.0	743	3.4	4.7	5.0	5.8	14.0	13.5	53.7	31.3
36	30.2	831	4.0	5.5	5.9	6.6	17.0	16.0	62.9	36.9
38	33.7	927	4.7	6.1	6.8	7.8	20.0	19.0	71.9	42.7
40	37.1	1020	5.5	7.1	8.0	9.1	23.0	23.0	85.9	50.7
42	40.5	1114	6.4	8.4	9.6	10.5	26.0	27.0	100.0	59.8
44	44.3	1218	7.4	10.0	11.2	12.2	29.0	32.0	114.0	70.6
46	48.5	1334	8.5	11.5	13.0	14.0	33	37.0	128.0	81.5
48	52.8	1452	9.8	13.1	15.0	16.0	37	44.0	147.5	95.0
50	57	1568	11	15	17	18	41	57	167.0	115
52	62	1705	13	17	20	20	45	57	186.5	124
54	66	1815	14	19	22	20	50	67	206.0	141
56	71	1953	16	21	23	24	54	67	232.5	148
58	77	2118	17	23	25	28	65	80	259.0	168
60	83	2283	19	25	27	28	70	95	285.5	191
62	88	2420	21	28	30	33	76	95	312.0	202
64	94	2585	23	31	34	38	82	112	345.0	231
66	100	2750	25	34	38	38	94	130	378.7	261
68	107	2943	27	37	42	44	101	130	412.0	273
70	114	3135	30	40	45	44	108	152	451.2	307
73	124	3410	34	45	52	51	124	172	510.0	348
76	135	3713	39	50	59	58	141	194	575.0	392
78	142	3905	42	55	63	65	150	194	623.4	409
81	154	4235	46	61	70	74	171	220	696.0	458
84	166	4565	52	68	78	84	193	242	776.0	508
87	178	4895	58	75	86	94	218	270	867.5	564
90	189	5198	64	82	95	105	243	300	959.0	623
92	199	5473	68	88	100	105	256	325	1020.0	669
95	211	5803	75	98	112	115	290	350	1123.0	733
97	220	6050	80	102	120	135	305	350	1196.0	754
100	234	6435	88	112	130	150	335	385	1310.0	827
102	243	6683	93	120	138	150	350	420	1397.3	891
107	266	7315	109	140	158	175	410	495	1615.5	1042
111	287	7893	120	160	175	200	445	535	1792.0	1150
114	304	8360	130	173	193	225	475	570	1959.1	1239
117	317	8718	142	185	210	225	505	610	2126.1	1332
122	345	9488	160	210	235	267	550	650	2404.6	1465
127	375	10313	182	235	260	315	600	720	2683.0	1632
132	400	11000	205	260	305	370	675	760	3095.4	1790
137	436	11990	230	285	330	390	750	900	3507.9	2030
142	467	12843	255	325	375	450	900	1100	3920.3	2380
147	489	13723	280	395	410	505	1055	1200	4332.7	2680
152	535	14713	310	410	460	545	1200	1400	4745.1	2990
157	570	15675	345	455	510	605	1340	1550	5157.6	3315
162	610	16775	375	500	560	660	1450	1700	5570.0	3635

Chain diameter		Grade 1		Grade 2		Grade 3		Number of links per 27.5 mtr
inches	mm	Proof load kN	Break load kN	Proof load kN	Break load kN	Proof load kN	Break load kN	
1/2	12.5	46	66	66	92	-	-	549
9/16	14	58	82	82	116	-	-	491
5/8	16	76	107	107	150	-	-	429
11/16	17.5	89	127	127	179	-	-	391
3/4	19	105	150	150	211	-	-	357
13/16	20.5	123	175	175	244	244	349	331
7/8	22	140	200	200	280	280	401	309
15/16	24	167	237	237	332	332	476	283
1	26	194	278	278	389	389	556	261
1 1/8	28	225	321	321	449	449	642	243
1 3/16	30	257	368	368	514	514	735	225
1 1/4	32	291	417	417	583	583	833	211
1 5/16	34	328	468	468	655	655	937	199
1 7/16	36	366	523	523	732	732	1050	189
1 1/2	38	406	581	581	812	812	1160	179
1 9/16	40	448	640	640	896	896	1280	169
1 5/8	42	492	703	703	981	981	1400	161
1 3/4	44	538	769	769	1080	1080	1540	155
1 13/16	46	585	837	837	1170	1170	1680	147
1 7/8	48	635	908	908	1270	1270	1810	141
2	50	686	981	981	1370	1370	1960	135
2 1/16	52	739	1060	1060	1480	1480	2110	131
2 1/8	54	794	1140	1140	1590	1590	2270	125
2 3/16	56	851	1220	1220	1710	1710	2430	121
2 5/16	58	909	1290	1290	1810	1810	2600	117
2 3/8	60	969	1380	1380	1940	1940	2770	113
2 7/16	62	1030	1470	1470	2060	2060	2940	109
2 1/2	64	1100	1560	1560	2190	2190	3130	105
2 5/8	66	1160	1660	1660	2310	2310	3300	103
2 11/16	68	1230	1750	1750	2450	2450	3500	99
2 3/4	70	1290	1840	1840	2580	2580	3690	97
2 7/8	73	1390	1990	1990	2790	2790	3990	93
3	76	1500	2150	2150	3010	3010	4300	89
3 1/16	78	1580	2260	2260	3160	3160	4500	87
3 3/16	81	1690	2410	2410	3380	3380	4820	83
3 5/16	84	1800	2580	2580	3610	3610	5160	81
3 7/16	87	1920	2750	2750	3850	3850	5500	77
3 9/16	90	2050	2920	2920	4090	4090	5840	75
3 5/8	92	2130	3040	3040	4260	4260	6080	73
3 3/4	95	2260	3230	3230	4510	4510	6440	71
3 13/16	97	2340	3340	3340	4680	4680	6690	71
3 15/16	100	2470	3530	3530	4940	4940	7060	67
4	102	2560	3660	3660	5120	5120	7320	67
4 1/8	105	2700	3850	3850	5390	5390	7700	65
4 3/16	107	2790	3980	3980	5570	5570	7960	63
4 3/8	111	2970	4250	4250	5940	5940	8480	61
4 1/2	114	3110	4440	4440	6230	6230	8890	59
4 5/8	117	3260	4650	4650	6510	6510	9300	57
4 3/4	120	3400	4850	4850	6810	6810	9720	57
4 13/16	122	3500	5000	5000	7000	7000	9990	55
4 7/8	124	3600	5140	5140	7200	7200	10280	55
5	127	3750	5350	5350	7490	7490	10710	53
5 1/8	130	3900	5570	5570	7800	7800	11140	53
5 3/16	132	4000	5720	5720	8000	8000	11420	51
5 3/8	137	4260	6080	6080	8510	8510	12160	49