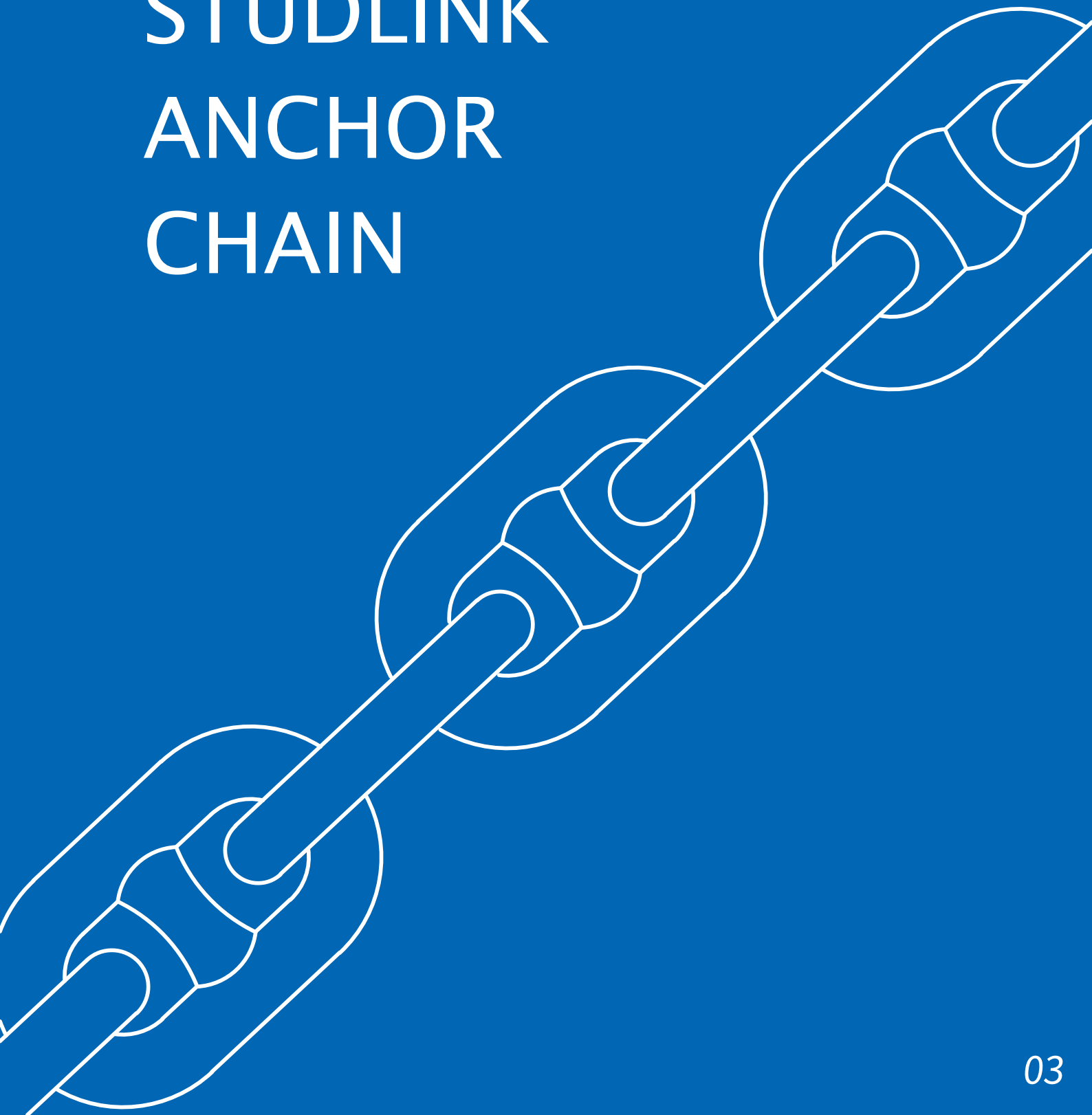


STUDLINK ANCHOR CHAIN





Strength and Weight For Studlink Anchor Chain

Chain Diameter (mm)	Proof Load (kn)		Breaking Load (kn)		Weight kg/27.5m
	Grade U2	Grade U3	Grade U2	Grade U3	
16	107	150	150	216	158
17.5	127	179	179	256	194
19	150	211	211	301	236
20.5	175	244	244	349	269
22	200	280	280	401	322
24	237	332	332	476	370
26	278	389	389	556	431
28	321	449	449	642	496
30	368	514	514	735	564
32	417	583	583	833	635
34	468	655	655	937	712
36	523	732	732	1050	800
38	581	812	812	1160	887
40	640	896	896	1280	1032
42	703	981	981	1400	1084
44	769	1080	1080	1540	1197
46	837	1170	1170	1680	1310
48	908	1270	1270	1810	1438
50	981	1370	1370	1960	1546
52	1060	1480	1480	2110	1661
54	1140	1590	1590	2270	1791
56	1220	1710	1710	2430	1926
58	1290	1810	1810	2600	2086
60	1380	1940	1940	2770	2249
62	1470	2060	2060	2940	2361
64	1560	2190	2190	3130	2516
66	1660	2310	2310	3300	2676
68	1750	2450	2450	3500	2885
70	1840	2580	2580	3690	3010
73	1990	2790	2790	3990	3274
76	2150	3010	3010	4300	3548
78	2260	3160	3160	4500	3737
81	2410	3380	3380	4820	4030
84	2580	3610	3610	5160	4334
87	2750	3850	3850	5500	4650
90	2920	4090	4090	5840	4976
92	3040	4260	4260	6080	5199
95	3230	4510	4510	6440	5544
97	3340	4680	4680	6690	5780
100	3530	4940	4940	7060	6143
102	3660	5120	5120	7320	6398
105	3850	5390	5390	7700	6773
107	3980	5570	5570	7960	7033
111	4250	5940	5940	8480	7569
114	4440	6230	6230	8890	7983
117	4650	6510	6510	9300	8409
120	4850	6810	6810	9720	8863
122	5000	7000	7000	9990	9143
124	5140	7200	7200	10280	9598
127	5350	7490	7490	10710	9908
130	5570	7800	7800	11140	10382

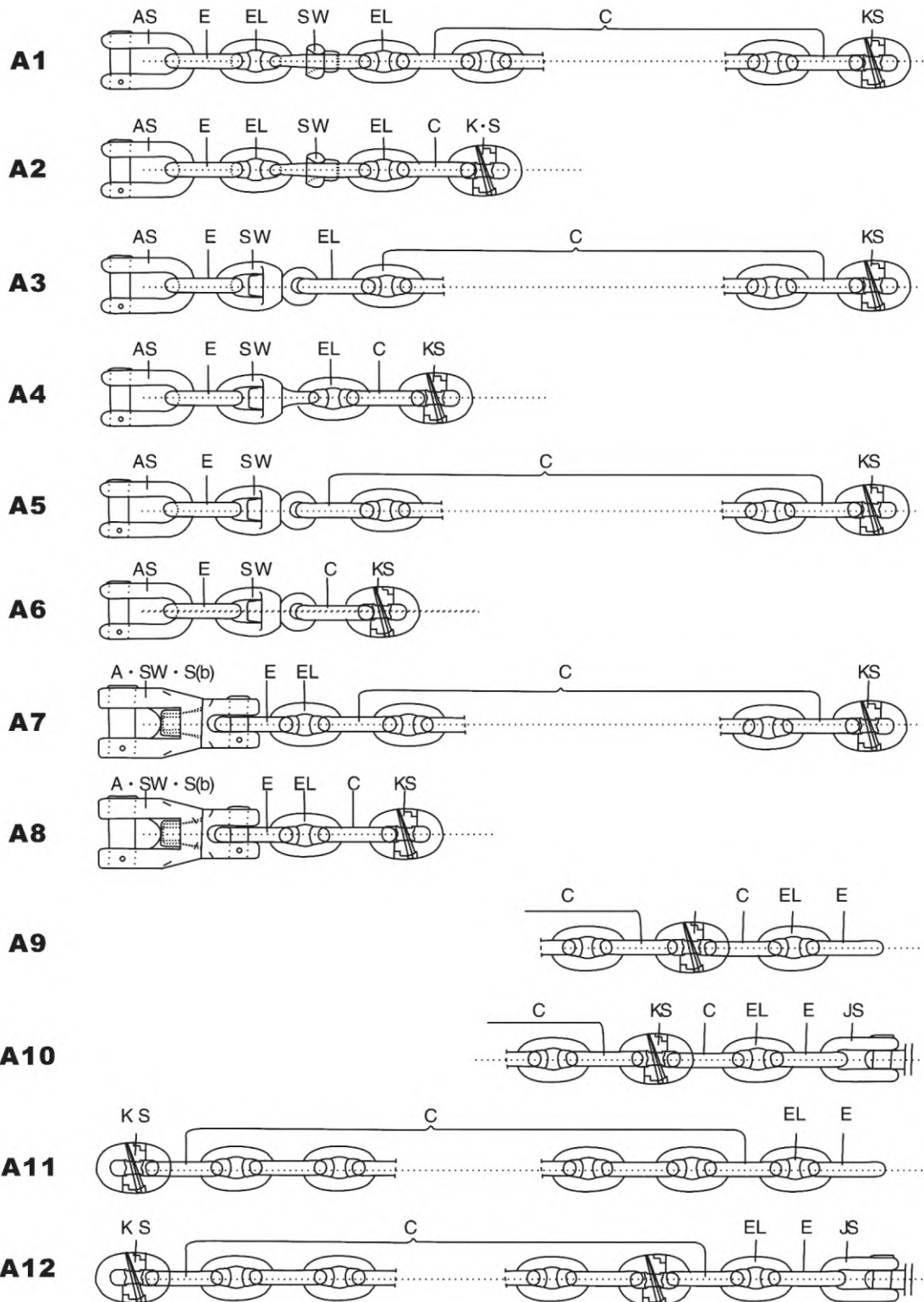


Assembling Recommendations for Chain and Anchor

Stud Link Chain Cables				Anchors for Ship		
Diameter (mm)			Total Length (Mtr)	Number	Weight (kg)	
Grade U1	Grade U2	Grade U3			Anchor	H.H.P.Anchor
14	12.5	-	220	2	180	135
16	14	-	220	2	240	180
17.5	16	-	247.5	2	300	225
19	17.5	-	247.5	2	360	270
20.5	17.5	-	275	2	420	315
22	19	-	275	2	480	360
24	20.5	-	302.5	2	570	430
26	22	20.5	302.5	3	660	495
28	24	22	330	3	780	585
30	26	24	357.5	3	900	675
32	28	24	357.5	3	1020	765
34	30	26	385	3	1140	855
36	32	28	385	3	1290	970
38	34	30	412.5	3	1440	1080
40	34	30	412.5	3	1590	1195
42	36	32	440	3	1740	1305
44	38	34	440	3	1920	1440
46	40	36	440	3	2100	1575
48	42	36	467.5	3	2280	1710
50	44	38	467.5	3	2460	1845
52	46	40	467.5	3	2640	1980
54	48	42	495	3	2850	2140
56	50	44	495	3	3060	2295
58	50	46	495	3	3300	2475
60	52	46	522.5	3	3540	2655
62	54	48	522.5	3	3780	2835
64	56	50	522.5	3	4050	3040
66	58	50	550	3	4320	3240
68	60	52	550	3	4590	3445
70	62	54	550	3	4890	3670
73	64	56	577.5	3	5250	3940
76	66	58	577.5	3	561	4210
78	68	60	577.5	3	6000	4500
81	70	62	605	3	6450	4840
84	73	64	605	3	6900	5175
87	76	66	605	3	7350	5515
90	78	68	632.5	3	7800	5850
92	81	70	632.5	3	8300	6225
95	84	73	632.5	3	8700	6525
97	84	76	660	3	9300	6975
100	87	78	660	3	9900	7425
102	90	78	660	3	10500	7875
105	92	81	687.5	3	11100	8325
107	95	84	687.5	3	11700	8775
111	97	87	687.5	3	12300	9225
114	100	87	715	3	12900	9675
117	102	90	715	3	13500	10125
120	105	92	715	3	14100	10575
122	107	95	742.5	3	14700	11025
124	111	97	742.5	3	15400	11550
127	111	97	742.5	3	16100	12075
130	114	100	742.5	3	16900	12675
132	117	102	742.5	3	17800	13350
137	120	107	742.5	3	18800	14100
-	124	111	770	3	20000	15000
-	127	114	770	3	21500	16125
-	132	117	770	3	23000	17250

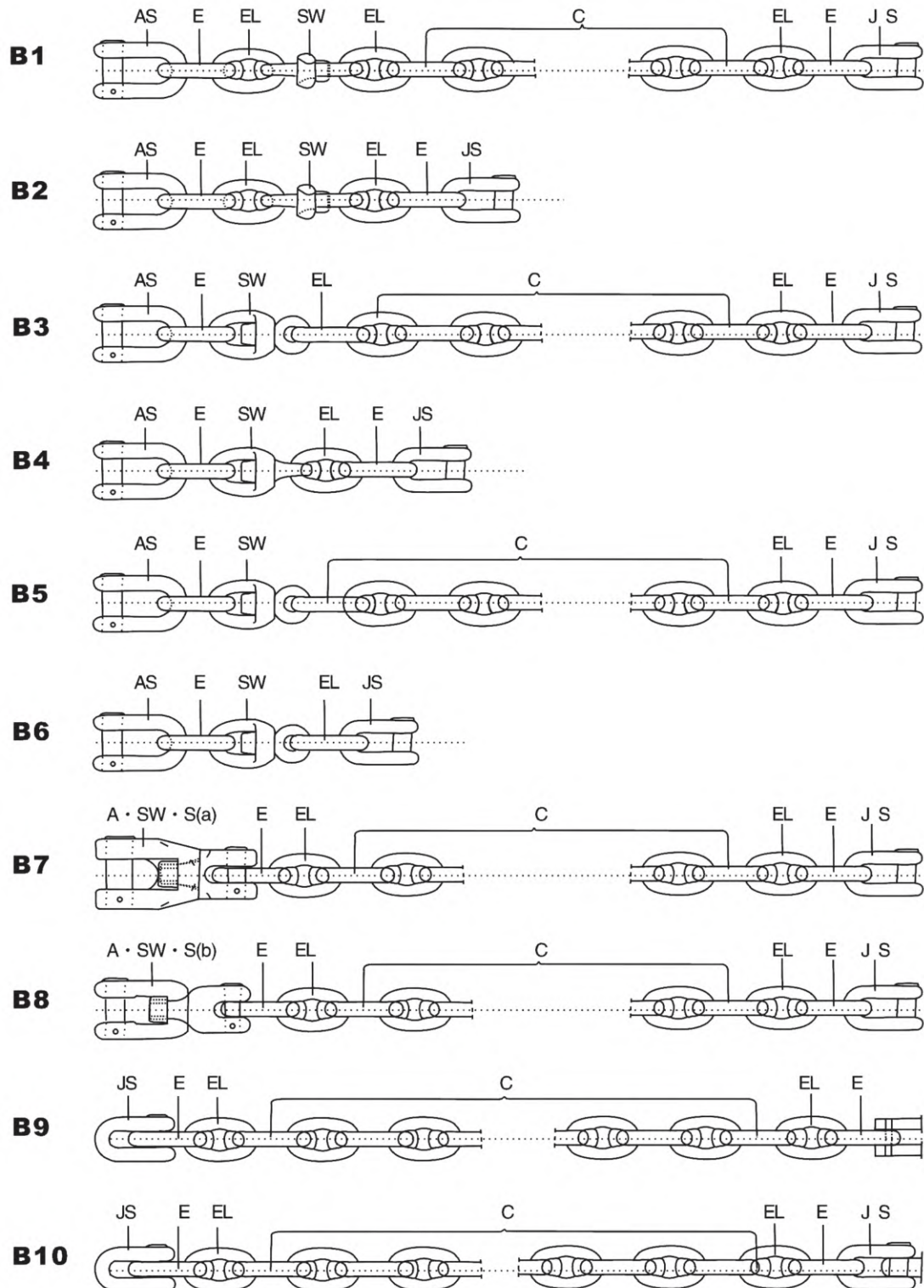
Joining Forms (A)

Arrangement Forms of anchor chain and fittings(KS)

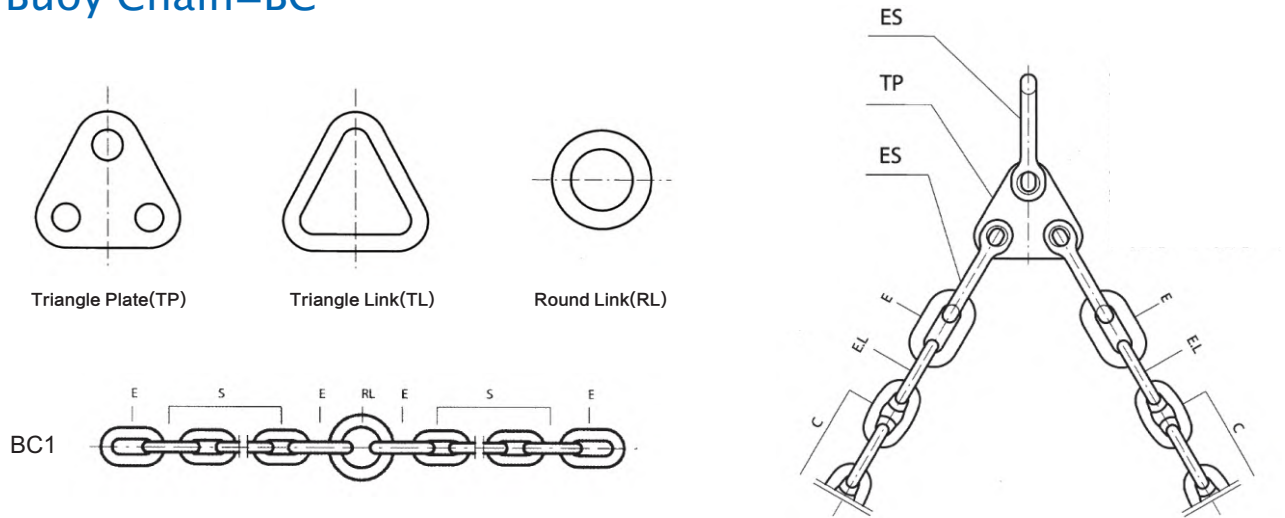


Joining Forms (B)

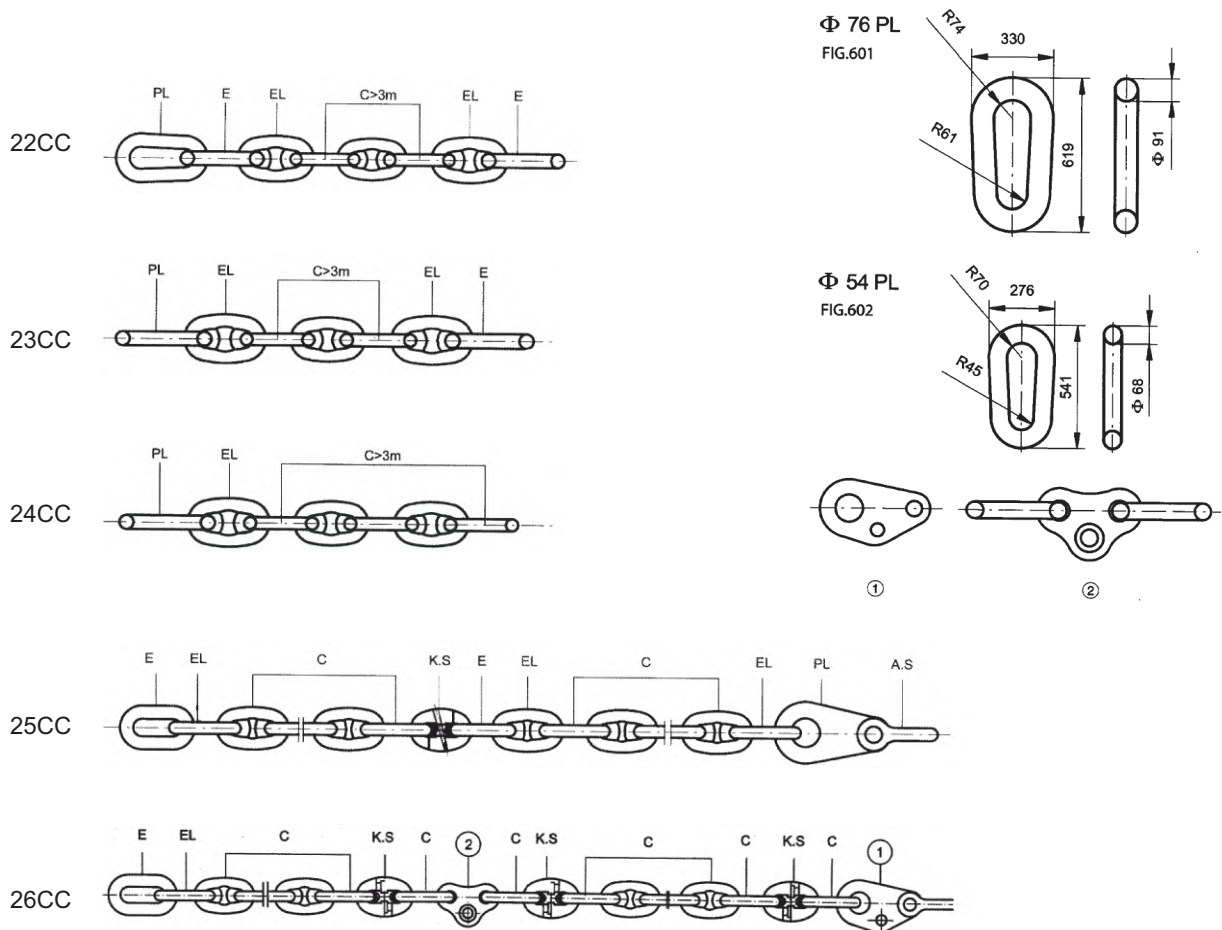
Arrangement Forms of anchor chain and fittings(JS)



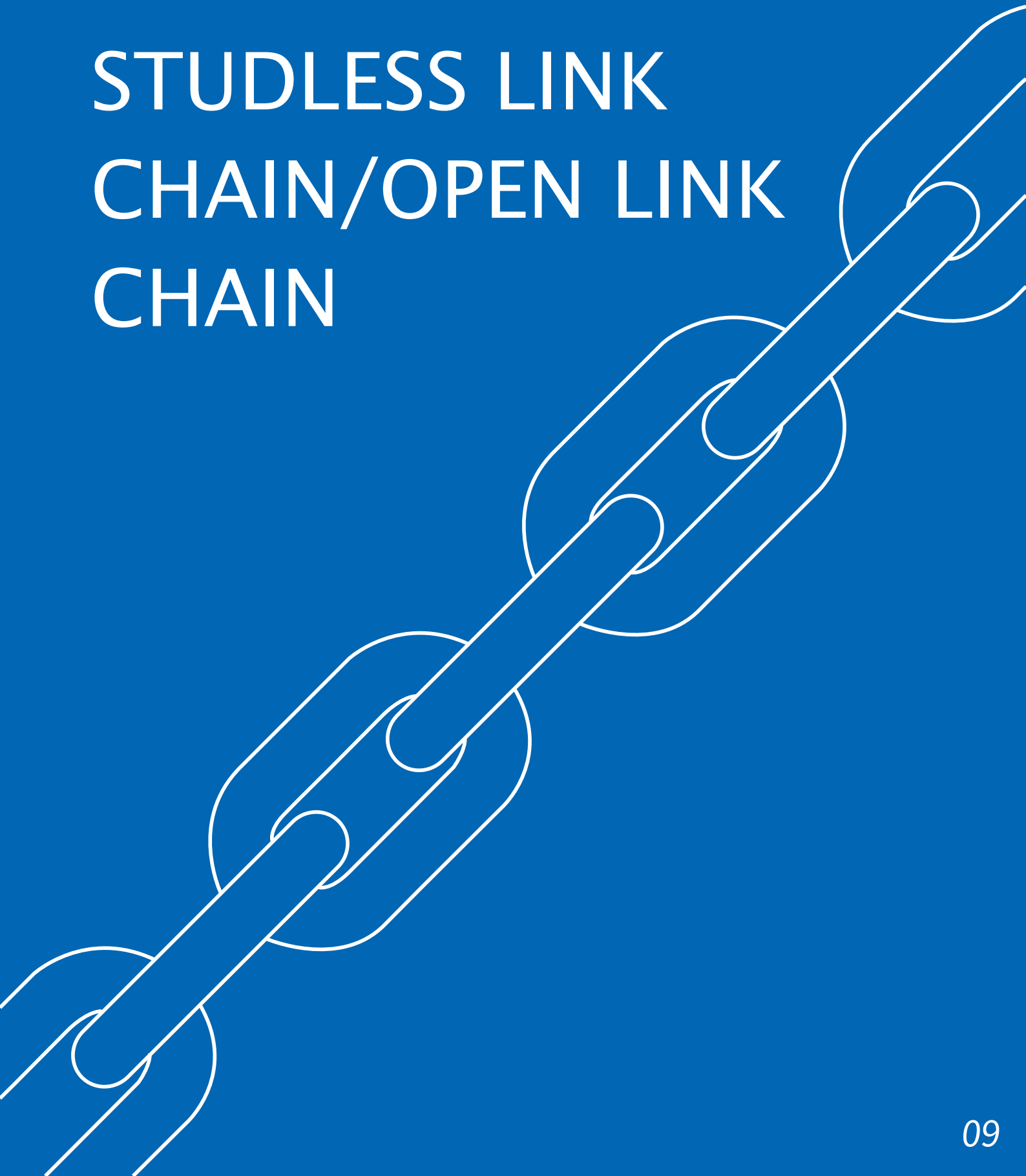
Buoy Chain=BC



Chafe Chain=CC

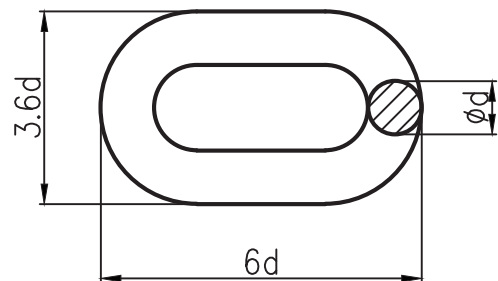


STUDLESS LINK CHAIN/OPEN LINK CHAIN



Studless Link Chain /Open link Chain

Standard of chain link
(6d x 3.6d), GB/T549-2008

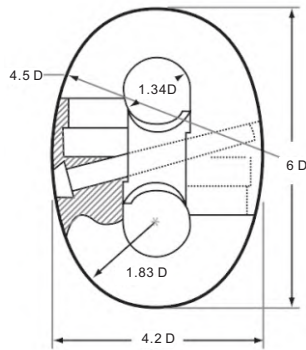


Chain Diameter (mm)	Proof Load (KN)			Breaking load(KN)			Weight (KG/1Mtr)
	Grade U1	Grade U2	Grade U3	Grade U1	Grade U2	Grade U3	
12.5	28.8	41.2	56.4	57.8	82.6	112.8	3.13
14	34.8	51.0	70.8	69.9	101.9	141.5	3.92
16	47.1	66.2	92.4	94.7	132.3	184.8	5.12
17.5-18	56.4	78.9	110.6	113.3	157.8	221.1	6.5
19	66.4	93.6	130.3	133.6	187.2	260.6	8
20.5	77.3	108.6	151.7	155.5	217.3	303.4	8.37
22	89.1	125.4	174.4	179.1	250.9	349.4	9.67
24	106.0	149.9	207.9	213.3	298.9	415.8	11.49
25	111.0	159.0	220.0	222.0	318.0	440.0	12.5
26	124.4	175.4	244.0	250.1	350.8	488.0	13.52
28	144.3	203.8	283.0	290.1	406.7	566.0	15.68
30	165.6	234.2	324.9	333.0	467.5	649.8	18
32	188.4	265.6	369.6	378.9	531.2	739.3	20.48
34	212.7	299.9	417.3	427.7	599.8	834.6	23.13
36	238.5	336.1	467.8	479.5	672.3	935.7	25.92
38	265.7	374.4	521.3	534.3	748.7	1042.5	28.88
40	294.4	414.5	577.6	592.0	829.1	1155.2	32
42	324.6	457.7	636.8	652.6	915.3	1273.6	35.28
44	356.2	502.7	698.9	716.3	999.6	1398.0	38.72
46	389.3	548.8	763.9	782.9	1097.6	1527.8	42.32
48	423.9	597.8	831.7	852.5	1195.6	1663.5	46.08
50	460.0	648.8	902.5	926.1	1239.6	1805.0	50
52	497.5	697.6	976.1	1000.5	1395.3	1952.3	54.08
54	536.5	752.3	1052.7	1078.9	1504.7	2105.4	58.32
56	577.0	809.1	1132.1	1160.3	1618.2	2264.2	62.72
58	619.0	867.9	1214.4	1244.7	1735.3	2428.8	67.28
60	662.4	928.8	1299.6	1332.0	1857.6	2599.2	72
62	707.3	991.8	1387.7	1422.3	1983.5	2775.4	76.88
64	753.7	1056.8	1478.7	1515.5	2113.5	2957.3	81.92
66	801.5	1123.9	1572.5	1611.7	2247.7	3145.0	87.12
68	850.8	1193.0	1669.3	1710.9	2386.0	3338.5	92.48
70	901.6	1264.2	1768.9	1813.0	2528.4	3537.8	98

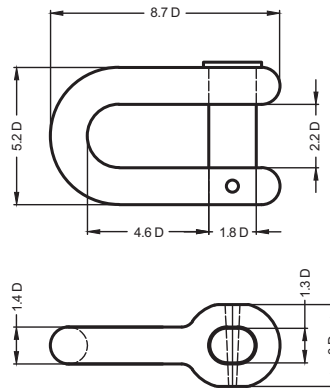
CHAIN ACCESSORIES



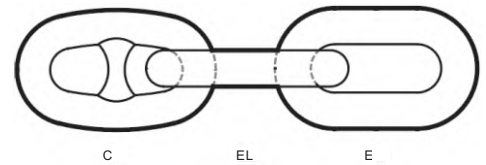
Kenter Shackle



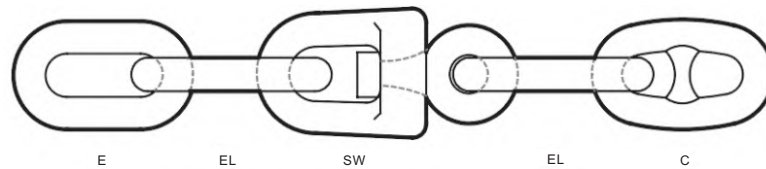
Anchor Shackle



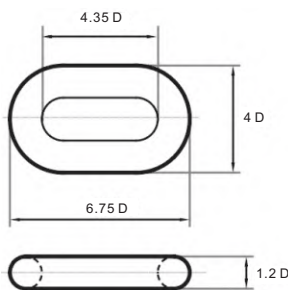
3 Links Adaptor



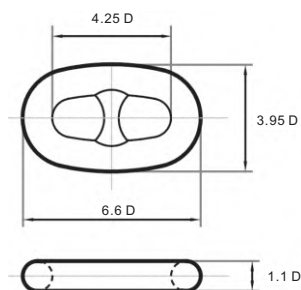
Swivel Piece(Forerunner)



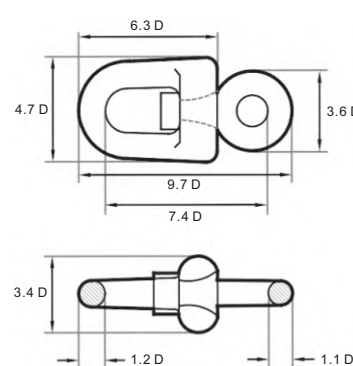
End link



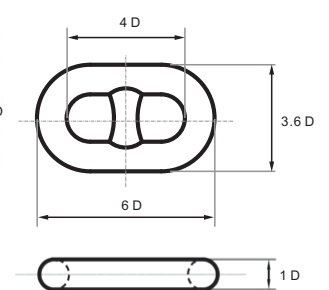
Enlarged Link



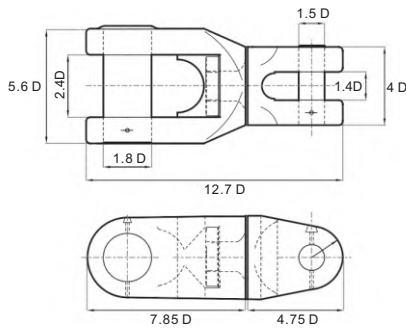
Swivel



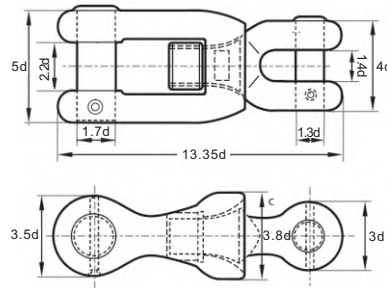
Common Link



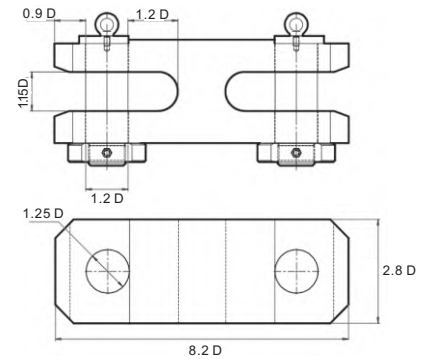
Swivel Shackle A



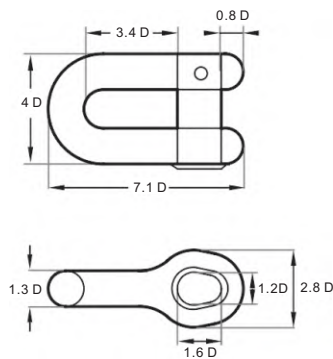
Swivel Shackle B



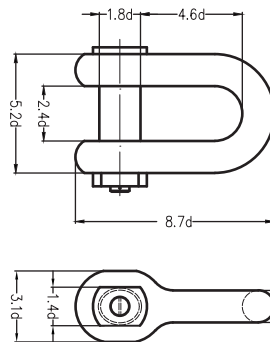
H-link Shackle



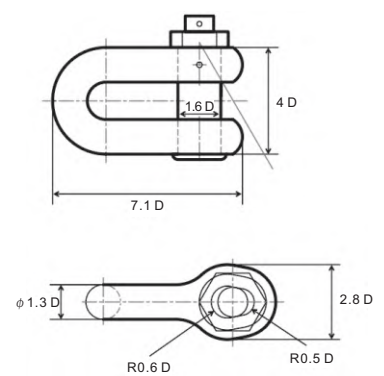
Joining Shackle Type D



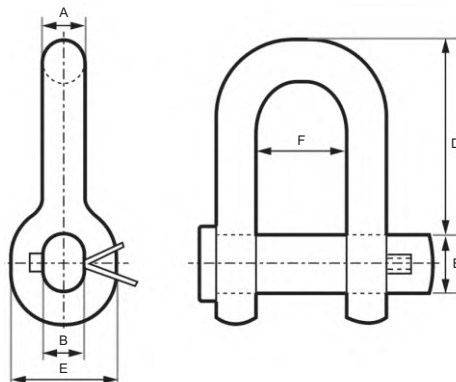
LTM Anchor Shackle



LTM Joining Shackle

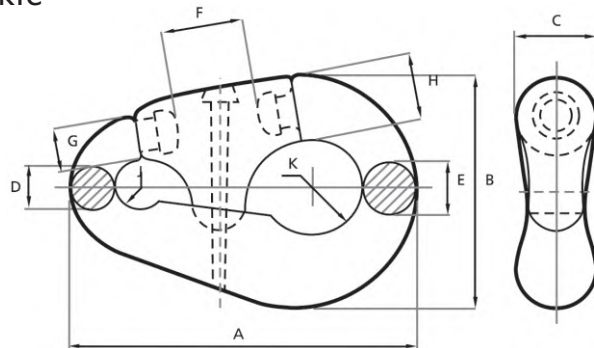


Forelock Joining Shackle



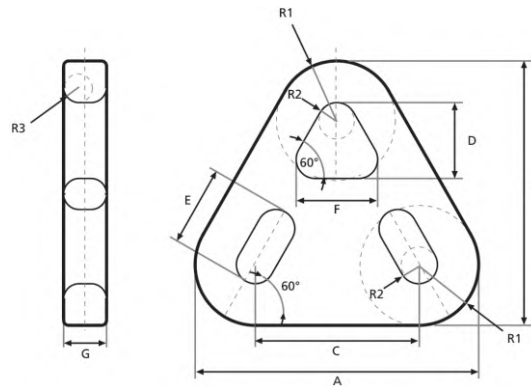
Chain dia. mm	A mm	B mm	C mm	D mm	E mm	F mm
19	26	34	26	114	42	46
22	32	39	32	132	48	52
26	38	46	38	156	56	61
32	46	57	46	192	69	76
34	48	62	48	204	74	80
38	54	69	54	228	85	92
42	59	75	59	252	92	100

Pear shaped end shackle



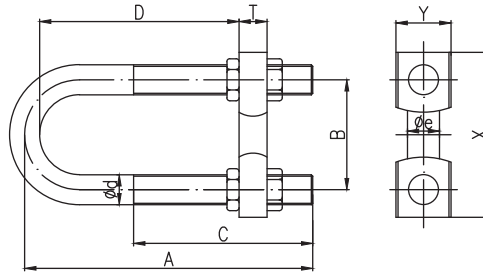
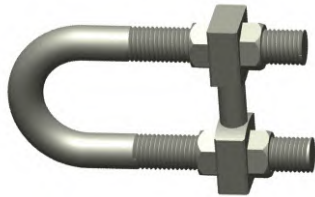
No	Chain Size mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	J mm	K mm	Weight Kgs	Proof-load Kgs	Break-load Kgs
2	19-24	199	136	39	26	33	58	26	39	17	30	3,6	34 000	48 500
3	25-30	245	172	47	31	40	66	37	45	19	35	6,5	53 000	75 700
4	32-40	302	206	63	41	49	83	42x47	58	26	43	13,0	91 367	130 524
5	42-51	381	263	77	52	68	100	58	74	32	52	27,0	145 513	207 512
6	52-60	462	315	94	62	81	113	64	90	38	65	49,0	197 825	282 461
7	62-79	568	379	121	81	97	153	84	116	48	76	95,0	329 674	469 987
8	81-92	658	422	139	96	135	155	112	135	54	79	150,0	434 399	619 987
9	94-95	700	440	148	98	130	159	124x114	148x134	57	89	236,0	459 892	656 697
10	97-102	900	580	194	122	168	194	130x148	181	73	108	386,0	522 095	746 432

Triplate



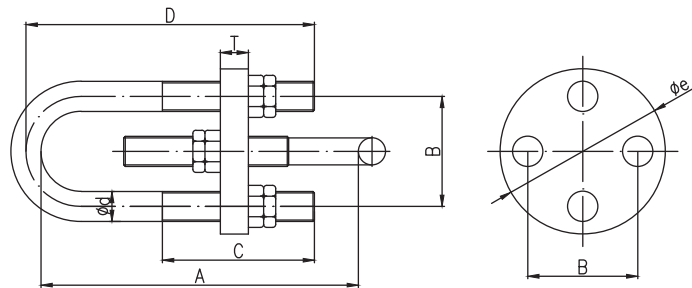
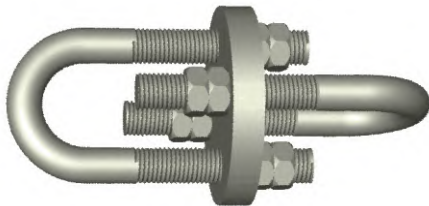
WLL Tonnes	BL Tonnes	A mm	B mm	C mm	D mm	E mm	F mm	G mm	R1 mm	R2 mm	R3 mm	Weight Kgs
9,5	57	250	230	148	70	75	75	36	51	19	14	
12	72	287	264	175	80	85	87	42	56	20	16	16,5
17	102	355	326	215	95	105	102	50	70	25	20	33,5
35	210	507	469	287	130	143	140	70	110	34	25	83,5
55	330	600	553	350	167	167	180	90	125	40	32	123
85	510	690	639	399	185	195	199	115	145	46	40	191
120	720	825	762	475	219	230	237	125	175	55	45	357
200	1200	1089	1006	627	270	300	289	165	231	73	59	830

Chain Tensioner Single type



Size	A	B	C	D	T	X	Y	d	e
M30	290	110	170-220	172	28	165	55	32	28
M36	33	125	195-260	198	32	195	65	36	32
M39	365	140	215-280	220	36	215	73	40	36
M42	400	150	240-310	237	40	230	80	42	40
M45	430	160	255-335	257	40	250	90	46	40
M48	455	170	275-355	271	45	265	95	48	45
M52	485	185	290-375	292	45	385	100	52	45
M56	52	195	310-410	312	50	300	105	56	50
M60	560	210	335-440	335	55	325	115	60	55
M64	600	225	360-470	358	60	345	120	64	60
M68	640	245	380-500	385	60	365	120	70	60

Chain tensioner Double type



Size	A	B	C	D	T	d	e
M20	230-305	70	140	200	25	20	120
M22	250-340	78	140	220	25	22	125
M24	270-350	84	160	240	30	24	150
M27	310-420	95	180	270	30	27	180
M30	345-465	106	200	300	35	30	200
M36	420-560	126	220	360	40	36	210
M42	460-650	148	315	420	50	42	250
M48	530-755	168	315	480	55	48	280
M58	450-550	196	230	390	60	56	330
M60	680-950	210	400	600	65	60	360
M64	730-1010	224	420	640	70	64	380

Note: *Chain Tensioner is also known as "dog bone shackle", which is suitable for chain & fender applications. Tensioner will be usually supplied hot dip galvanized according to local or international standard. Sizes, material and grades are available upon special request.



Weight of Anchor Chain Fittings

Diameter mm	Common Link kgs	Enlarged Link kgs	End Link kgs	Joining Shackle Kenter kgs	Joining Shackle Type D kgs	Anchor Shackle Type D kgs	Swivel kgs	Complete Swivel-Forerunner kgs
12.5	0.17	0.23	0.23	0.39	0.8	1.1	0.9	1.76
14	0.24	0.32	0.36	0.51	1.1	1.3	1.3	2.52
16	0.36	0.5	0.51	0.62	1.3	1.6	1.7	3.57
17.5	0.47	0.74	0.68	0.82	1.6	2.0	2.1	4.73
19	0.60	0.88	0.89	1.00	1.8	2.5	2.5	5.75
20.5	0.75	1.10	1.13	1.35	2.1	3.3	3.1	7.18
22	0.93	1.25	1.28	1.6	2.5	4.0	3.5	8.21
24	1.21	1.70	1.77	2.0	3.5	5.0	5.0	11.38
26	1.55	2.15	2.20	2.7	4.3	6.0	6.0	14.05
28	1.9	2.8	2.9	3.3	5.0	8.0	7.5	17.90
30	2.4	3.2	3.3	3.9	7.0	9.5	9.0	21.1
32	2.9	3.9	4.0	4.6	7.5	12.0	11.0	25.7
34	3.4	4.7	5.0	5.8	9.5	14.0	13.5	31.3
36	4.0	5.5	5.9	6.6	11.0	17.0	16.0	36.9
38	4.7	6.1	6.8	7.8	13.0	20.0	19.0	42.7
40	5.5	7.1	8.0	9.1	15.0	23.0	23.0	50.7
42	6.4	8.4	9.6	10.5	17.5	26.0	27.0	59.8
44	7.4	10.0	11.2	12.2	20.0	29.0	32.0	70.6
46	8.5	11.5	13.0	14.0	22.5	33	37.0	81.5
48	9.8	13.1	15.0	16.0	26.0	37	44.0	95.0
50	11	15	17	18	29	41	57	115
52	13	17	20	20	31	45	57	124
54	14	19	22	20	34	50	67	141
56	16	21	23	24	38	54	67	148
58	17	23	25	28	44	65	80	168
60	19	25	27	28	48	70	95	191
62	21	28	30	33	52	76	95	202
64	23	31	34	38	57	82	112	231
66	25	34	38	38	66	94	130	261
68	27	37	42	44	70	101	130	273
70	30	40	45	44	75	108	152	307
73	34	45	52	51	87	124	172	348
76	39	50	59	58	99	141	194	392
78	42	55	63	65	106	150	194	409
81	46	61	70	74	119	171	220	458
84	52	68	78	84	134	193	242	508
87	58	75	86	94	150	218	270	564
90	64	82	95	105	167	243	300	623
92	68	88	100	105	175	256	325	669
95	75	98	112	115	200	290	350	733
97	80	102	120	135	210	305	350	754
100	88	112	130	150	230	335	385	827
102	93	120	138	150	243	350	420	891
107	109	140	158	175	285	410	495	1042
111	120	160	175	200	305	445	535	1150
114	130	173	193	225	325	475	570	1239
117	142	185	210	225	345	505	610	1332
122	160	210	235	267	380	550	650	1465
127	182	235	260	315	420	600	720	1632
132	205	260	305	370	480	675	760	1790
137	230	285	330	390	550	750	900	2030
142	255	325	375	450	650	900	1100	2380