



PRODUCT SPECIFICATION MANUAL



PRODUCT SPECIFICATION MANUAL



DISCLAIMER

While InterMoor believe the information printed in this manual to be accurate no warrants, expressed or implied, are contained therein nor does any legal liability attach to InterMoor Ltd, for any reason whatsoever. This manual has been published as a general information guide only.

Introduction



InterMoor, an Acteon company, is a leading supplier of mooring technology providing innovative solutions for rig moves and mooring services including engineering and design; fabrication; subsea installation; and survey and positioning.

InterMoor's complete line of products are designed and fabricated to meet the specified needs of each project safely and efficiently - whether it's a simple rig move or an ultra-deepwater mooring.



an **ACTEON** company



Contents



Section 1 Anchors



Section 2 Chain



Section 3 Chain Connectors



Section 4 Shackles



Section 5 Swivels



Section 6 Recovery Equipment



Section 7 Buoyancy



Section 8 Wire Rope



Section 9 Fibre Rope



Section 10 Spooling Equipment



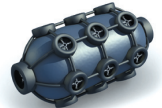
Section 11 Lifting Slings



Section 12 Chain Inspection



Section 13 Fenders



Section 14 Miscellaneous Equipment



Section 15 General Information





1

ANCHORS

Anchors



Stevpris Mk 6



Stevpris Mk 5



Stevshark Mk 5



Stevmanta VLA



Stevin Mk 3



Bruce FFTS PM



Bruce Denna



Bruce Mk4 Twin Shank



Bruce Single Shank



Flipper Delta



Sepla



AC 14



Byres



Hall



Lightweight (LWT)



Danforth



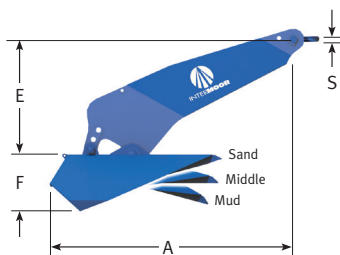
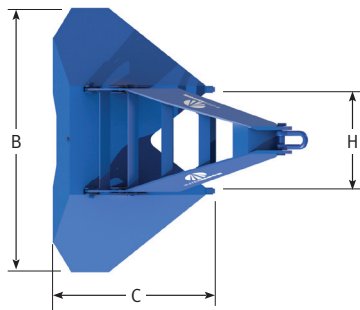


Stevpris Mk 6



INTERMOOR





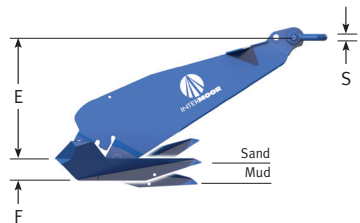
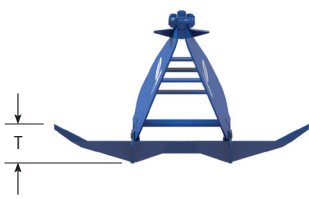
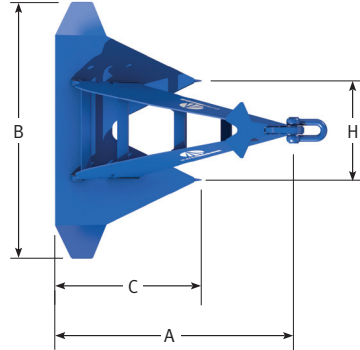
Dimensions in mm - Anchor weight in kg

Weight	1500	3000	5000	8000	10000	12000	15000	18000	20000	22000	25000	30000
A	2797	3523	4178	4886	5263	5593	6025	6402	6631	6845	7143	7591
B	3059	3870	4602	5390	5807	6171	6679	7101	7368	7625	7962	8451
C	1981	2495	2958	3460	3728	3961	4267	4534	4696	4848	5059	5376
E	1321	1664	1973	2308	2486	2642	2846	3024	3132	3234	3374	3586
F	641	808	958	1120	1206	1282	1381	1468	1520	1569	1637	1740
H	1170	1490	1781	2090	2253	2394	2610	2777	2890	3002	3138	3324
S	65	80	100	120	130	140	160	170	180	190	200	210

NOTE Other sizes are available. Specification sheet is available on request.

January 2015





Dimensions in mm - Anchor weight in kg

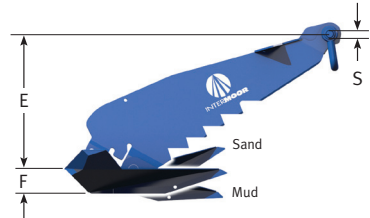
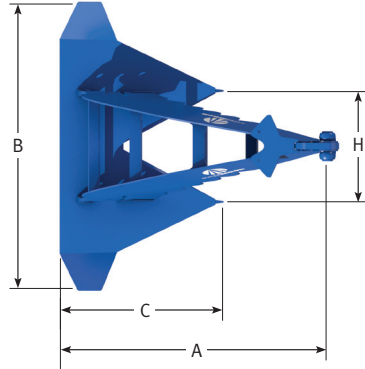
Weight	1500	3000	5000	8000	10000	12000	15000	18000	20000	22000	25000	30000	65000
A	2954	3721	4412	5161	5559	5908	6364	6763	7004	7230	7545	8018	10375
B	3184	4011	4756	5563	5992	6368	6860	7290	7550	7794	8133	8643	11184
C	1812	2283	2707	3166	3410	3624	3904	4149	4297	4436	4629	4919	6365
E	1505	1896	2248	2629	2832	3010	3242	3446	3569	3684	3844	4085	5286
F	271	342	406	474	511	543	585	622	644	665	694	737	954
H	1230	1550	1837	2149	2315	2460	2650	2816	2917	3011	3142	3339	4321
T	493	622	738	862	929	988	1064	1131	1171	1209	1262	1341	1736
S	80	90	110	130	140	150	170	180	190	200	200	220	300

NOTE Other sizes are available. Specification sheet is available on request.

January 2015



Stevshark Mk 5



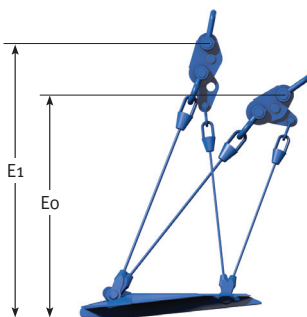
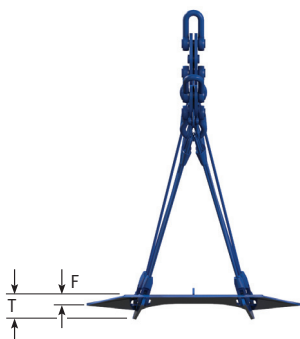
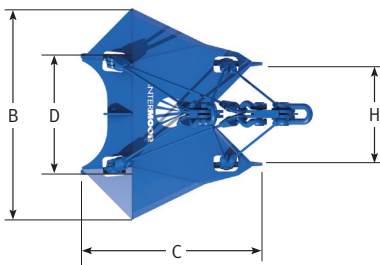
Dimensions in mm - Anchor weight in kg

Weight	1500	3000	5000	8000	10000	12000	15000	18000	20000	22000	25000	30000	65000
A	2862	3605	4275	4999	5385	5723	6165	6551	6785	7004	7309	7767	10051
B	3085	3886	4608	5389	5805	6169	6645	7062	7314	7550	7879	8373	10834
C	1755	2212	2622	3067	3304	3511	3782	4019	4163	4297	4484	4765	6166
E	1458	1837	2178	2547	2743	2915	3140	3337	3457	3568	3723	3957	5120
F	263	332	393	460	495	526	567	602	624	644	672	714	924
H	1192	1502	1780	2082	2243	2383	2567	2728	2826	2917	3044	3235	4186
T	478	603	715	836	900	957	1031	1095	1135	1171	1222	1299	1681
S	80	90	110	130	140	150	160	170	180	190	200	210	300

NOTE Other sizes are available. Specification sheet is available on request.

January 2015

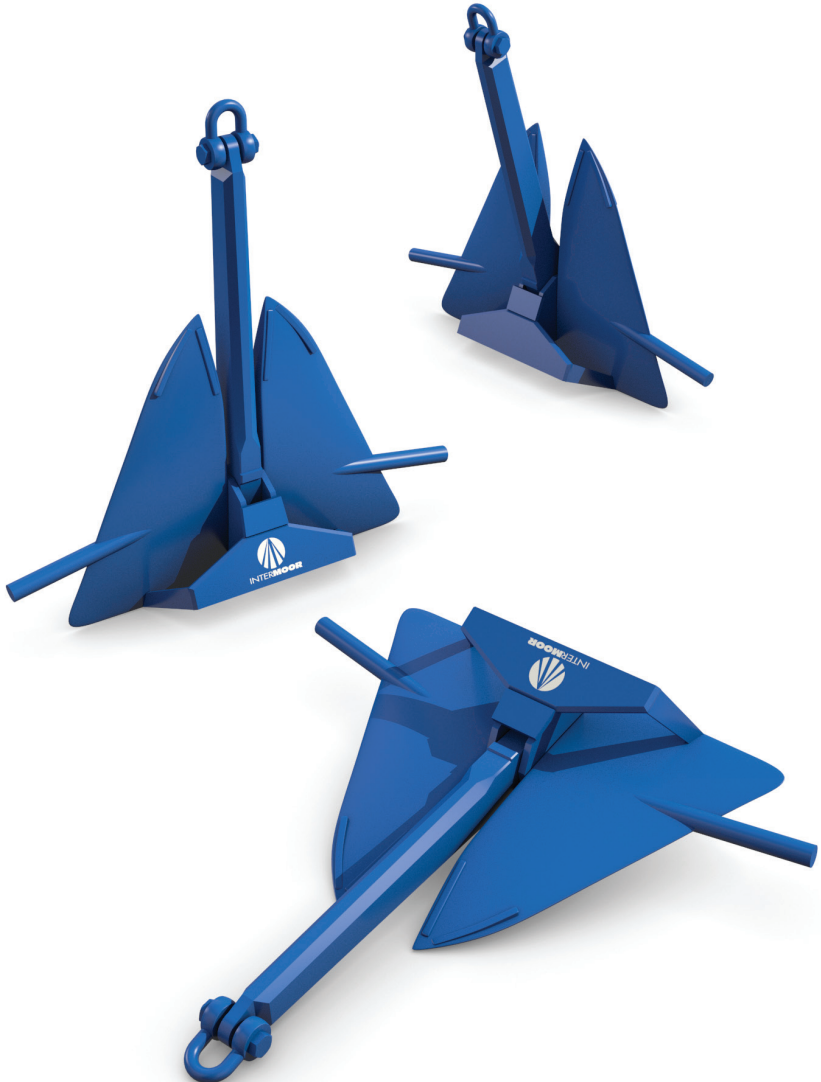


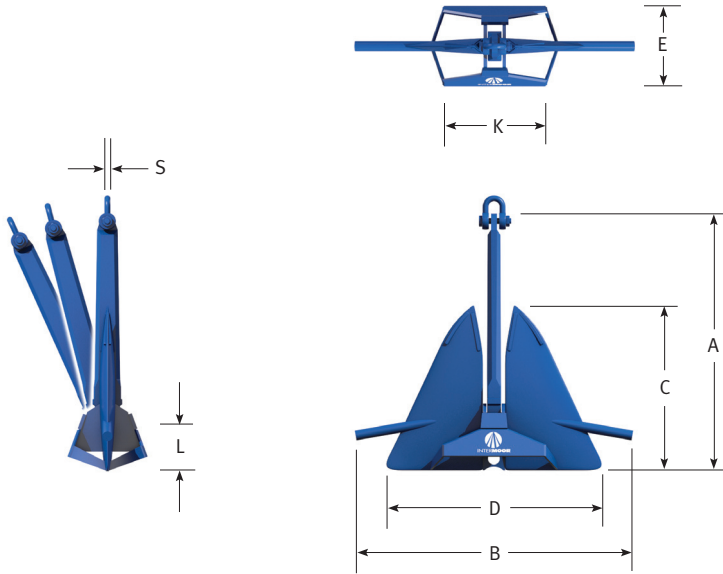
Dimensions in mm - Area in m²

Area	5	8	10	12	15	17	20
B	3143	3975	4445	4869	5443	5795	6286
C	2976	3765	4209	4611	5155	5488	5953
D	1945	2460	2750	3013	3368	3586	3890
Eo	3075	3890	4349	4764	5326	5670	6150
E1	3371	4264	4767	5222	5839	6216	6742
F	172	217	243	266	298	317	344
H	1459	1845	2063	2260	2527	2690	2918
T	639	809	904	991	1107	1179	1279

NOTE Other sizes are available. Specification sheet is available on request.

January 2015





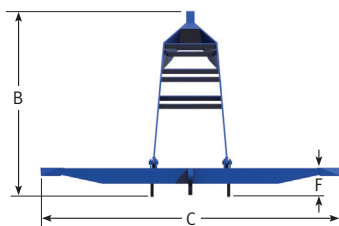
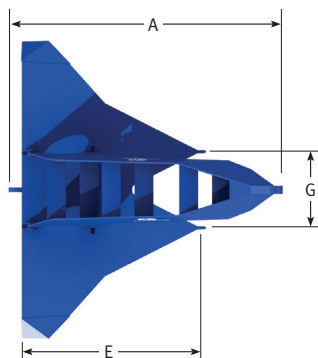
Dimensions in mm - Anchor weight in kg

Weight	1000	1500	3000	5000	7000	9000	12000	15000	20000	30000
A	2429	2774	3493	4120	4602	5012	5516	5942	6372	7289
B	2654	3038	3828	4538	5077	5521	6076	6545	6986	7997
C	1559	1785	2249	2667	2983	3244	3570	3846	4100	4694
D	2023	2316	2918	3460	3871	4209	4632	4990	5324	6094
E	737	843	1063	1260	1409	1533	1687	1817	2048	2345
K	1010	1156	1456	1727	1932	2100	2312	2490	2674	3061
L	412	471	594	704	788	857	943	1016	1083	1240
S	60	65	80	80	90	100	110	120	160	180

NOTE Other sizes are available. Specification sheet is available on request.

January 2015





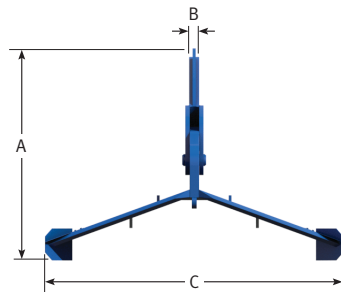
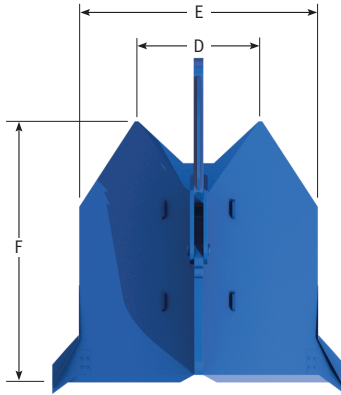
Dimensions in mm - Anchor weight in kg

Weight	A	B	C	D	E	F	G
5000	4288	2995	4659	3141	2768	594	1120
10000	5318	3715	5778	3895	3434	737	1389
15000	6012	4199	6531	4403	3881	833	1571
20000	6764	4725	7349	4954	4367	937	1767
30000	7742	5408	8412	5671	4999	1072	2033
40000	8437	5893	9166	6179	5447	1169	2204

NOTE Other sizes are available. Specification sheet is available on request.

January 2015





Omni-Directional Dennla	A mm	B mm	C mm	D mm	E mm	F mm
14m ²	3384	160	4836	2077	3930	4308

NOTE Other sizes are available. Specification sheet is available on request.

January 2015

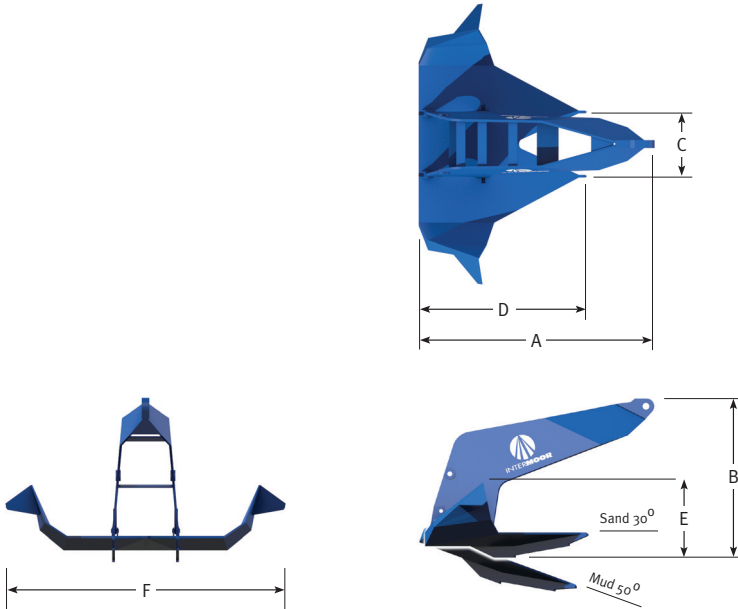
Bruce Mk 4 Twin Shank



INTERMOOR



Bruce Mk 4 Twin Shank



Weight kg	A mm	B mm	C mm	D mm	E mm	F mm
500	1827	1280	500	1303	606	2188
1500	2648	1854	723	1888	878	3172
3000	3409	2388	931	2431	1131	4085
5000	4029	2822	1100	2873	1336	4828
9000	4846	3394	1324	3456	1607	5806
10000	5087	3563	1390	3628	1687	6095
12000	5437	3808	1486	3878	1803	6514
15000	5728	4012	1566	4085	1900	6864
18000	6129	4292	1674	4371	2032	7343
20000	6319	4426	1726	4507	2096	7571
30000	7225	5060	1974	5153	2396	8656
40000	8034	5627	2195	5730	2664	9626

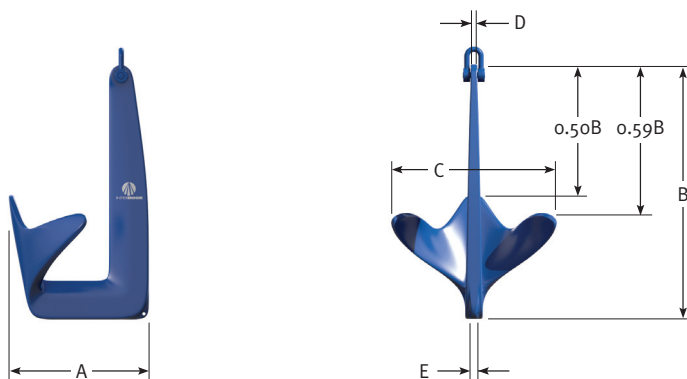
NOTE Other sizes are available. Specification sheet is available on request.

January 2015

Bruce Single Shank



Bruce Single Shank



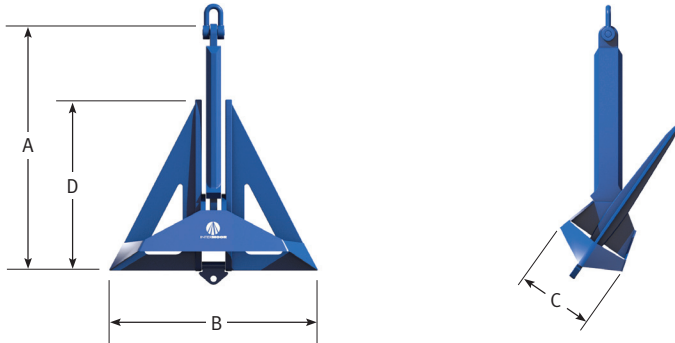
Weight kg	A mm	B mm	C mm	D mm	E mm	Anchor Shackle SWL Tonnes	Pendant Shackle SWL Tonnes
600	1130	2020	1370	56	40	17	9.5
1000	1340	2400	1630	64	53	25	17
2000	1690	3030	2050	84	61	35	25
3000	1930	3460	2350	92	70	50	35
6500	2530	4530	3070	125	92	100	55
9000	2790	5000	3380	140	92	130	55

NOTE Other sizes are available. Specification sheet is available on request.

January 2015



Flipper Delta

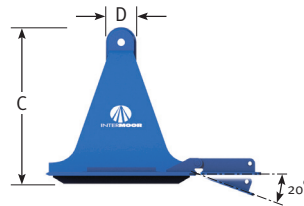
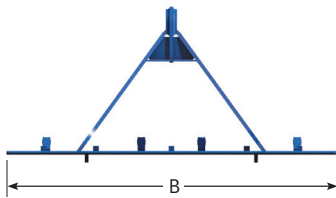


Weight lb	Weight kg	A mm	B mm	C mm	D mm
2205	1000	2605	1960	740	1560
5512	2500	3150	2660	1005	2130
11023	5000	3945	3300	1260	2660
16535	7500	4565	3850	1435	3080
22046	10000	5040	4270	1600	3400
26455	12000	5335	4530	1705	3600
33069	15000	5735	4845	1830	3875
44092	20000	6405	5410	2010	4320
71650	32500	7320	6200	2310	4930
88185	40000	7850	6650	2480	5290

NOTE Other sizes are available. Specification sheet is available on request.

January 2015



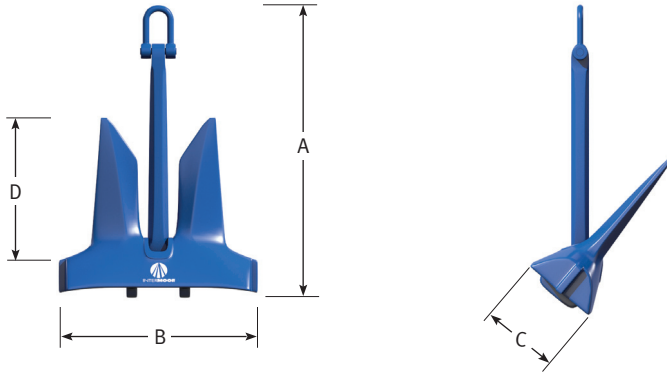


Estimated Steel Weight (lbs)	A mm	B mm	C mm	D mm
51000	6706	4332	3124	610

NOTE Other sizes are available. Specification sheet is available on request.

January 2015



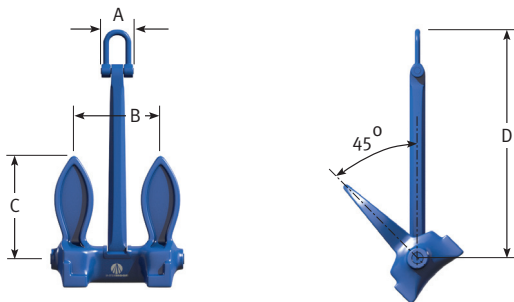


Weight lb	Weight kg	A mm	B mm	C mm	D mm
2844	1290	2025	1568	470	1067
4630	2100	2382	1844	553	1255
6746	3060	2700	2091	627	1423
12368	5610	3305	2559	768	1741
18298	8300	3793	2916	875	1984
23149	10500	4073	3154	946	2146
29762	13500	4429	3249	1029	2333
41447	18800	4946	3829	1149	2606
44092	20000	5049	3909	1173	2660
50706	23000	5290	4095	1229	2787

NOTE Other sizes are available. Specification sheet is available on request.

January 2015





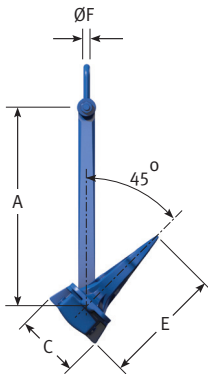
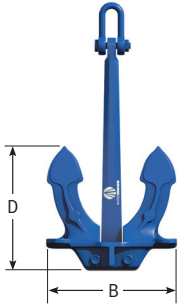
Weight kg	A mm	B mm	C mm	D mm
600	216	572	660	1321
805	241	640	740	1575
1025	254	711	838	1651
1250	266	750	898	1829
1475	292	787	946	1880
1720	305	838	999	1981
2030	318	838	1041	2108
2540	330	946	1118	2286
3100	370	1041	1219	2438
3500	369	1067	1372	2510
4000	393	1092	1397	2616
4575	406	1168	1448	2769
5030	436	1168	1448	2896
5700	452	1168	1473	3099
5900	457	1168	1473	3099
6600	470	1321	1549	3277
6800	470	1321	1549	3353
7350	470	1321	1549	3353
7700	477	1346	1702	3353
8000	477	1422	1702	3353
8650	528	1422	1753	3404
8900	559	1499	1803	3505
9550	572	1524	1803	3759

NOTE

Other sizes are available.
Specification sheet is
available on request.

January 2015





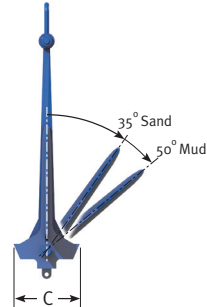
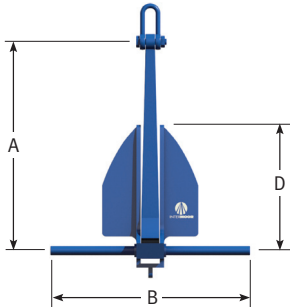
Weight kg	A mm	B mm	C mm	D mm	E mm	Ø F mm
500	1240	875	386	810	640	35
750	1425	1000	440	927	730	45
850	1480	1050	460	968	765	50
1020	1545	1090	496	1005	800	55
1200	1650	1165	530	1076	855	55
1350	1700	1205	550	1120	890	60
1590	1890	1260	565	1181	900	65
2100	2020	1407	623	1296	1020	70
2460	2120	1483	667	1367	1076	75
2640	2170	1519	672	1400	1085	75
3060	2261	1596	720	1480	1142	80
3300	2330	1636	724	1508	1170	80
3540	2335	1650	742	1528	1190	80
3780	2450	1710	758	1600	1225	80
4050	2505	1740	775	1613	1245	90
4320	2557	1790	792	1659	1279	90
4590	2610	1820	809	1709	1305	90
4890	2665	1860	825	1746	1330	100
5250	2728	1910	846	1760	1364	100
5610	2788	1952	864	1798	1394	100
6000	2855	2033	879	1878	1425	110
6540	2920	2046	906	1885	1461	110
7800	3113	2179	965	2008	1556	120
8900	3268	2275	1012	2108	1634	130
9300	3301	2311	1023	2129	1650	130
10500	3438	2407	1075	2217	1719	140
11100	3502	2452	1086	2259	1751	140
12300	3600	2520	1140	2325	1800	150
13500	3738	2616	1159	2411	1869	160

NOTE
 Other sizes are available.
 Specification sheet is
 available on request.

January 2015



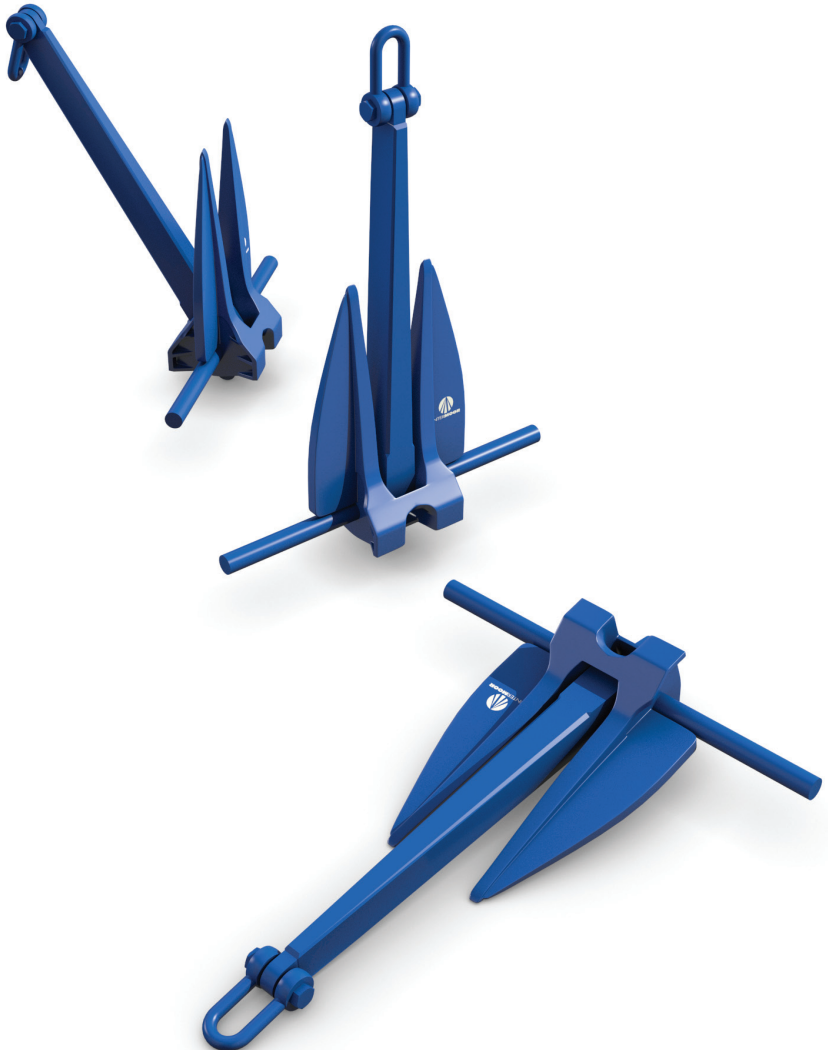
Lightweight (LWT)

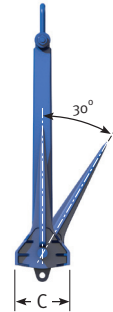
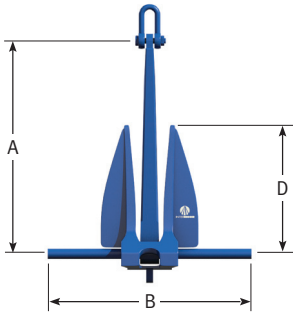


Weight lb	Weight kg	A mm	B mm	C mm	D mm
1000	454	1905	1803	622	1168
5000	2268	2997	2845	984	1829
10000	4536	3658	3480	1245	2235
15000	6804	3988	3791	1362	2438
20000	9072	4394	4166	1499	2692
25000	11340	4851	4521	1708	2946
30000	13608	5029	4801	1715	3073
35000	15876	5283	5055	1803	3226
40000	18144	5537	6096	1905	3327
60000	27216	6350	7061	2184	3810

NOTE Other sizes are available. Specification sheet is available on request.

January 2015





Weight lb	Weight kg	A mm	B mm	C mm	D mm
1000	454	1830	1580	410	1100
2500	1134	2260	2140	560	1350
5000	2268	2780	2700	710	1650
10000	4536	3510	3330	890	2100
12000	5443	3730	3540	945	2240
14000	6350	3920	3720	995	2360
16000	7257	4100	4000	1040	2470
20000	9072	4370	4150	1110	2620
25000	11340	4710	4470	1195	2820
30000	13608	5000	4750	1270	3000

NOTE Other sizes are available. Specification sheet is available on request.

January 2015

2

CHAIN



Chain Proof / Breaking Load Tables

Marine Chain (U₂, U₃) & Rig Chain (ORQ, ORQ +20%)

Mooring Chain (R₃, R₃S, R₄, R₄S, R₅)

A small thumbnail image of a technical table with multiple columns and rows, likely containing load capacity data for various chain types.

Common Link



Common Studless Link



Enlarged Link



End Link



5 Common Link Length



3 Link Adapter



5 Link Adapter



Chain / Mechanical Properties

A small thumbnail image of a technical table with multiple columns and rows, likely containing mechanical properties for various chain types.





Chain Proof / Breaking Load Tables

Marine and Rig Chain - 16 to 45mm

All loads are in Kn.

Chain (mm)	Marine Chain				Rig Chain			
	U ₂ Proof	U ₂ Break	U ₃ Proof	U ₃ Break	ORQ Proof	ORQ Break	ORQ +20% Proof	ORQ +20% Break
16	107	150	150	214	153	231	184	277
17	121	169	169	242	173	260	207	312
18	135	189	189	270	193	291	232	349
19	150	210	210	301	215	324	258	388
20	166	232	232	332	237	358	285	429
21	183	256	256	366	261	394	314	473
22	200	280	280	401	286	431	343	518
23	219	306	306	437	312	471	375	565
24	238	332	332	475	339	511	407	614
25	257	360	360	515	368	554	441	665
26	278	388	388	555	397	598	476	718
27	299	418	418	598	427	644	512	772
28	321	449	449	642	458	691	550	829
29	344	480	480	687	491	740	589	888
30	367	513	513	734	524	790	629	948
31	391	547	547	782	559	842	670	1010
32	416	581	581	832	594	895	713	1074
33	442	617	617	883	631	950	757	1140
34	468	654	654	935	668	1007	802	1208
35	495	691	691	989	707	1065	848	1278
36	523	730	730	1045	746	1124	895	1349
37	551	770	770	1101	787	1185	944	1423
38	580	810	810	1159	828	1248	994	1498
39	610	852	852	1219	870	1312	1045	1574
40	640	894	894	1279	914	1377	1097	1653
41	671	938	938	1342	958	1444	1150	1733
42	703	982	982	1405	1004	1513	1204	1815
43	735	1027	1027	1470	1050	1582	1260	1899
44	768	1074	1074	1536	1097	1654	1317	1984
45	802	1121	1121	1603	1145	1726	1374	2071

January 2015

Chain Proof / Breaking Load Tables

Marine and Rig Chain - 46 to 75mm

All loads are in Kn.

Chain (mm)	Marine Chain				Rig Chain			
	U ₂ Proof	U ₂ Break	U ₃ Proof	U ₃ Break	ORQ Proof	ORQ Break	ORQ +20% Proof	ORQ +20% Break
46	837	1169	1169	1672	1194	1800	1433	2160
47	872	1218	1218	1742	1244	1876	1493	2251
48	907	1268	1268	1814	1295	1952	1554	2343
49	944	1318	1318	1886	1347	2030	1617	2437
50	980	1370	1370	1960	1400	2110	1680	2532
51	1018	1422	1422	2035	1454	2191	1744	2629
52	1056	1476	1476	2111	1508	2273	1810	2728
53	1095	1530	1530	2189	1564	2357	1876	2828
54	1134	1585	1585	2268	1620	2441	1944	2930
55	1175	1641	1641	2348	1677	2528	2012	3033
56	1215	1698	1698	2429	1735	2615	2082	3138
57	1256	1756	1756	2512	1794	2704	2153	3245
58	1298	1814	1814	2595	1854	2794	2224	3353
59	1341	1873	1873	2680	1914	2885	2297	3462
60	1384	1933	1933	2766	1976	2978	2371	3573
61	1427	1994	1994	2853	2038	3071	2446	3686
62	1471	2056	2056	2941	2101	3166	2521	3800
63	1516	2118	2118	3031	2165	3263	2598	3915
64	1561	2182	2182	3121	2230	3360	2675	4032
65	1607	2246	2246	3213	2295	3459	2754	4151
66	1654	2311	2311	3306	2361	3559	2834	4271
67	1701	2376	2376	3400	2428	3660	2914	4392
68	1748	2443	2443	3495	2496	3762	2995	4515
69	1796	2510	2510	3591	2565	3866	3078	4639
70	1845	2578	2578	3688	2634	3970	3161	4764
71	1894	2646	2646	3786	2704	4076	3245	4891
72	1944	2716	2716	3885	2775	4183	3330	5019
73	1994	2786	2786	3986	2847	4291	3416	5149
74	2045	2857	2857	4087	2919	4400	3503	5280
75	2096	2928	2928	4190	2993	4510	3591	5412

January 2015



Chain Proof / Breaking Load Tables

Marine and Rig Chain - 76 to 105mm

All loads are in Kn.

Chain (mm)	Marine Chain				Rig Chain			
	U ₂ Proof	U ₂ Break	U ₃ Proof	U ₃ Break	ORQ Proof	ORQ Break	ORQ +20% Proof	ORQ +20% Break
76	2148	3001	3001	4293	3066	4621	3680	5546
77	2200	3074	3074	4397	3141	4734	3769	5681
78	2252	3147	3147	4503	3216	4847	3859	5817
79	2306	3222	3222	4609	3292	4962	3951	5954
80	2359	3297	3297	4717	3369	5078	4043	6093
81	2414	3373	3373	4825	3446	5194	4136	6233
82	2468	3449	3449	4934	3524	5312	4229	6374
83	2524	3526	3526	5045	3603	5431	4324	6517
84	2579	3604	3604	5156	3683	5550	4419	6660
85	2635	3682	3682	5268	3763	5671	4515	6805
86	2692	3761	3761	5381	3844	5793	4612	6951
87	2749	3841	3841	5495	3925	5916	4710	7099
88	2806	3921	3921	5610	4007	6039	4808	7247
89	2864	4002	4002	5726	4090	6164	4908	7397
90	2923	4084	4084	5842	4173	6289	5008	7547
91	2981	4166	4166	5960	4257	6416	5109	7699
92	3041	4249	4249	6078	4342	6544	5210	7852
93	3100	4332	4332	6198	4427	6672	5312	8006
94	3160	4416	4416	6318	4513	6801	5415	8162
95	3221	4501	4501	6439	4599	6932	5519	8318
96	3282	4586	4586	6561	4686	7063	5623	8475
97	3343	4671	4671	6683	4774	7195	5729	8634
98	3405	4758	4758	6807	4862	7328	5834	8793
99	3467	4845	4845	6931	4951	7461	5941	8954
100	3530	4932	4932	7056	5040	7596	6048	9115
101	3593	5020	5020	7182	5130	7731	6156	9278
102	3656	5108	5108	7308	5220	7868	6264	9441
103	3720	5197	5197	7436	5311	8005	6374	9606
104	3784	5287	5287	7564	5403	8143	6483	9771
105	3848	5377	5377	7693	5495	8282	6594	9938

January 2015

Chain Proof / Breaking Load Tables

Marine and Rig Chain - 106 to 135mm

All loads are in Kn.

Chain (mm)	Marine Chain				Rig Chain			
	U ₂ Proof	U ₂ Break	U ₃ Proof	U ₃ Break	ORQ Proof	ORQ Break	ORQ +20% Proof	ORQ +20% Break
106	3913	5468	5468	7822	5587	8421	6705	10105
107	3978	5559	5559	7953	5681	8561	6817	10274
108	4044	5650	5650	8084	5774	8702	6929	10443
109	4110	5743	5743	8216	5868	8844	7042	10613
110	4176	5835	5835	8348	5963	8987	7155	10784
111	4243	5928	5928	8481	6058	9130	7270	10956
112	4310	6022	6022	8615	6154	9274	7384	11129
113	4377	6116	6116	8750	6250	9419	7500	11303
114	4445	6210	6210	8885	6346	9565	7615	11478
115	4513	6305	6305	9021	6443	9711	7732	11653
116	4581	6401	6401	9157	6541	9858	7849	11829
117	4649	6496	6496	9294	6639	10005	7966	12006
118	4718	6593	6593	9432	6737	10154	8084	12184
119	4787	6689	6689	9570	6836	10303	8203	12363
120	4857	6786	6786	9709	6935	10452	8322	12543
121	4927	6884	6884	9849	7035	10602	8442	12723
122	4997	6982	6982	9989	7135	10753	8562	12904
123	5067	7080	7080	10129	7235	10905	8682	13086
124	5138	7179	7179	10271	7336	11057	8803	13268
125	5209	7278	7278	10413	7438	11209	8925	13451
126	5280	7378	7378	10555	7539	11363	9047	13635
127	5352	7478	7478	10698	7641	11516	9170	13820
128	5423	7578	7578	10841	7744	11671	9292	14005
129	5495	7678	7678	10985	7847	11826	9416	14191
130	5568	7779	7779	11130	7950	11981	9540	14378
131	5640	7881	7881	11275	8053	12137	9664	14565
132	5713	7982	7982	11420	8157	12294	9789	14753
133	5786	8084	8084	11566	8261	12451	9914	14941
134	5859	8187	8187	11712	8366	12609	10039	15131
135	5933	8289	8289	11859	8471	12767	10165	15320

January 2015



Chain Proof / Breaking Load Tables

Marine and Rig Chain - 136 to 165mm

All loads are in Kn.

Chain (mm)	Marine Chain				Rig Chain			
	U ₂ Proof	U ₂ Break	U ₃ Proof	U ₃ Break	ORQ Proof	ORQ Break	ORQ +20% Proof	ORQ +20% Break
136	6006	8392	8392	12007	8576	12926	10291	15511
137	6080	8496	8496	12155	8682	13085	10418	15702
138	6154	8599	8599	12303	8788	13244	10545	15893
139	6229	8703	8703	12451	8894	13404	10673	16085
140	6303	8807	8807	12600	9000	13565	10800	16278
141	6378	8912	8912	12750	9107	13726	10929	16471
142	6453	9017	9017	12900	9214	13887	11057	16664
143	6528	9122	9122	13050	9321	14049	11186	16859
144	6604	9227	9227	13201	9429	14211	11315	17053
145	6679	9333	9333	13352	9537	14374	11444	17248
146	6755	9438	9438	13503	9645	14536	11574	17444
147	6831	9544	9544	13655	9753	14700	11704	17640
148	6907	9651	9651	13807	9862	14864	11834	17836
149	6983	9757	9757	13959	9971	15028	11965	18033
150	7060	9864	9864	14112	10080	15192	12096	18230
151	7136	9971	9971	14265	10189	15357	12227	18428
152	7213	10078	10078	14418	10299	15522	12359	18626
153	7290	10186	10186	14572	10409	15687	12490	18825
154	7367	10293	10293	14726	10519	15853	12622	19023
155	7444	10401	10401	14880	10629	16019	12754	19223
156	7521	10509	10509	15035	10739	16185	12887	19422
157	7598	10617	10617	15189	10850	16352	13019	19622
158	7676	10725	10725	15344	10960	16519	13152	19822
159	7754	10834	10834	15499	11071	16686	13285	20023
160	7831	10942	10942	15655	11182	16853	13418	20224
161	7909	11051	11051	15811	11293	17021	13552	20425
162	7987	11160	11160	15966	11405	17188	13686	20626
163	8065	11269	11269	16122	11516	17356	13819	20828
164	8143	11379	11379	16279	11628	17525	13953	21029
165	8222	11488	11488	16435	11739	17693	14087	21232

January 2015

Chain Proof / Breaking Load Tables

Marine and Rig Chain - 166 to 195mm

All loads are in Kn.

Chain (mm)	Marine Chain				Rig Chain			
	U ₂ Proof	U ₂ Break	U ₃ Proof	U ₃ Break	ORQ Proof	ORQ Break	ORQ +20% Proof	ORQ +20% Break
166	8300	11597	11597	16592	11851	17862	14222	21434
167	8378	11707	11707	16749	11963	18030	14356	21636
168	8457	11817	11817	16905	12075	18199	14490	21839
169	8536	11926	11926	17063	12188	18368	14625	22042
170	8614	12036	12036	17220	12300	18538	14760	22245
171	8693	12146	12146	17377	12412	18707	14895	22448
172	8772	12256	12256	17535	12525	18876	15030	22652
173	8850	12366	12366	17692	12637	19046	15165	22855
174	8929	12477	12477	17850	12750	19216	15300	23059
175	9008	12587	12587	18008	12863	19386	15435	23263
176	9087	12697	12697	18165	12975	19556	15570	23467
177	9166	12808	12808	18323	13088	19725	15706	23671
178	9245	12918	12918	18481	13201	19896	15841	23875
179	9324	13028	13028	18639	13314	20066	15976	24079
180	9403	13139	13139	18797	13427	20236	16112	24283
181	9482	13249	13249	18955	13539	20406	16247	24487
182	9561	13360	13360	19113	13652	20576	16383	24691
183	9641	13470	13470	19271	13765	20746	16518	24896
184	9720	13581	13581	19430	13878	20917	16654	25100
185	9799	13691	13691	19588	13991	21087	16789	25304
186	9878	13802	13802	19746	14104	21257	16925	25508
187	9957	13912	13912	19904	14217	21427	17060	25712
188	10036	14023	14023	20062	14330	21597	17196	25917
189	10115	14133	14133	20220	14443	21767	17331	26121
190	10194	14244	14244	20378	14556	21937	17467	26325
191	10273	14354	14354	20536	14668	22107	17602	26529
192	10352	14464	14464	20693	14781	22277	17737	26732
193	10431	14574	14574	20851	14894	22447	17872	26936
194	10510	14685	14685	21009	15006	22617	18007	27140
195	10588	14795	14795	21166	15119	22786	18142	27343

January 2015

Chain Proof / Breaking Load Tables

Marine and Rig Chain - 196 to 210mm

All loads are in Kn.

Chain (mm)	Marine Chain				Rig Chain			
	U ₂ Proof	U ₂ Break	U ₃ Proof	U ₃ Break	ORQ Proof	ORQ Break	ORQ +20% Proof	ORQ +20% Break
196	10667	14905	14905	21324	15231	22956	18277	27547
197	10746	15015	15015	21481	15344	23125	18412	27750
198	10824	15125	15125	21638	15456	23294	18547	27953
199	10903	15234	15234	21795	15568	23463	18682	28156
200	10981	15344	15344	21952	15680	23632	18816	28358
201	11060	15454	15454	22109	15792	23801	18950	28561
202	11138	15563	15563	22265	15904	23969	19085	28763
203	11216	15672	15672	22422	16015	24138	19219	28965
204	11295	15781	15781	22578	16127	24306	19352	29167
205	11373	15890	15890	22734	16238	24474	19486	29368
206	11451	15999	15999	22890	16350	24641	19620	29570
207	11528	16108	16108	23045	16461	24809	19753	29771
208	11606	16217	16217	23201	16572	24976	19886	29971
209	11684	16325	16325	23356	16683	25143	20019	30172
210	11761	16433	16433	23511	16793	25310	20152	30372

January 2015

Chain Proof / Breaking Load Tables

Mooring Chain - 16 to 45mm

All loads are in Kn.

Chain (mm)	Mooring Chain							
	R3 Studless Proof	R3 Studlink Proof	R3 Break	R3S Studless Proof	R3S Studlink Proof	R3S Break	R4 Studless Proof	R4 Studlink Proof
16	171	171	244	190	197	272	210	236
17	192	192	275	214	222	307	237	266
18	215	215	308	240	248	343	265	298
19	239	239	342	267	276	382	294	331
20	265	265	378	295	305	422	326	366
21	291	291	416	325	336	465	358	403
22	319	319	456	356	368	509	393	442
23	348	348	497	388	401	555	428	482
24	378	378	541	422	436	604	465	524
25	410	410	585	457	473	654	504	567
26	442	442	632	493	510	706	544	612
27	476	476	680	531	549	759	586	659
28	511	511	730	570	589	815	629	707
29	547	547	782	610	631	873	673	757
30	584	584	835	651	674	932	719	809
31	622	622	890	694	718	994	766	862
32	662	662	946	738	764	1057	815	917
33	703	703	1004	784	811	1122	865	973
34	744	744	1064	830	859	1188	916	1031
35	787	787	1125	878	908	1257	969	1090
36	831	831	1188	927	959	1327	1023	1151
37	876	876	1253	978	1011	1399	1079	1214
38	923	923	1319	1029	1065	1473	1136	1278
39	970	970	1387	1082	1119	1548	1194	1343
40	1018	1018	1456	1136	1175	1625	1253	1410
41	1068	1068	1526	1191	1232	1704	1314	1479
42	1118	1118	1599	1247	1290	1785	1376	1548
43	1170	1170	1672	1305	1350	1867	1440	1620
44	1223	1223	1748	1364	1411	1951	1505	1693
45	1276	1276	1824	1423	1473	2037	1571	1767

January 2015



Chain Proof / Breaking Load Tables

Mooring Chain - 16 to 45mm (cont)

All loads are in Kn.

Chain (mm)	Mooring Chain						
	R4 Break	R4S Studless Proof	R4S Studlink Proof	R4S Break	R5 Studless Proof	R5 Studlink Proof	R5 Break
16	300	233	262	332	244	275	350
17	338	262	296	375	275	309	394
18	378	294	331	419	308	346	441
19	420	327	368	466	342	385	491
20	465	361	407	516	378	426	543
21	511	398	448	567	416	468	597
22	560	435	491	622	456	513	654
23	611	475	535	678	497	560	714
24	664	516	582	737	541	608	776
25	719	559	630	798	585	659	840
26	776	604	680	861	632	711	907
27	836	650	732	927	680	766	976
28	897	697	786	995	730	822	1048
29	960	747	841	1066	782	880	1122
30	1026	797	899	1138	835	940	1198
31	1093	850	958	1213	890	1002	1277
32	1163	904	1018	1290	946	1065	1358
33	1234	959	1081	1369	1004	1131	1441
34	1308	1016	1145	1451	1064	1198	1527
35	1383	1075	1211	1534	1125	1267	1615
36	1460	1135	1279	1620	1188	1338	1705
37	1539	1197	1348	1708	1253	1410	1798
38	1621	1260	1420	1798	1319	1485	1893
39	1704	1324	1492	1890	1387	1561	1990
40	1789	1390	1567	1985	1456	1639	2089
41	1876	1458	1643	2081	1526	1718	2190
42	1964	1527	1721	2179	1599	1799	2294
43	2055	1597	1800	2280	1672	1882	2400
44	2147	1669	1881	2382	1748	1967	2508
45	2242	1743	1963	2487	1824	2053	2618

January 2015

Chain Proof / Breaking Load Tables

Mooring Chain - 46 to 75mm

All loads are in Kn.

Chain (mm)	Mooring Chain							
	R3 Studless Proof	R3 Studlink Proof	R3 Break	R3S Studless Proof	R3S Studlink Proof	R3S Break	R4 Studless Proof	R4 Studlink Proof
46	1331	1331	1903	1485	1536	2124	1638	1843
47	1387	1387	1982	1547	1600	2213	1707	1920
48	1443	1443	2063	1610	1666	2304	1777	1999
49	1501	1501	2146	1674	1732	2396	1848	2079
50	1560	1560	2230	1740	1800	2490	1920	2160
51	1620	1620	2315	1807	1869	2585	1994	2243
52	1681	1681	2402	1874	1939	2682	2068	2327
53	1742	1742	2491	1943	2010	2781	2144	2412
54	1805	1805	2580	2013	2083	2881	2222	2499
55	1869	1869	2671	2084	2156	2983	2300	2587
56	1933	1933	2764	2156	2231	3086	2380	2677
57	1999	1999	2858	2230	2307	3191	2460	2768
58	2066	2066	2953	2304	2383	3297	2542	2860
59	2133	2133	3049	2379	2461	3405	2625	2953
60	2201	2201	3147	2455	2540	3514	2710	3048
61	2271	2271	3246	2533	2620	3625	2795	3144
62	2341	2341	3347	2611	2701	3737	2881	3242
63	2412	2412	3448	2691	2783	3850	2969	3340
64	2484	2484	3551	2771	2867	3965	3058	3440
65	2557	2557	3656	2852	2951	4082	3147	3541
66	2631	2631	3761	2935	3036	4200	3238	3643
67	2706	2706	3868	3018	3122	4319	3330	3747
68	2782	2782	3976	3102	3209	4440	3423	3851
69	2858	2858	4085	3188	3298	4562	3518	3957
70	2935	2935	4196	3274	3387	4685	3613	4064
71	3013	3013	4308	3361	3477	4810	3709	4172
72	3092	3092	4421	3449	3568	4936	3806	4282
73	3172	3172	4535	3538	3660	5064	3904	4392
74	3253	3253	4650	3628	3753	5192	4004	4504
75	3335	3335	4767	3719	3848	5322	4104	4617

January 2015

Chain Proof / Breaking Load Tables

Mooring Chain - 46 to 75mm (cont)

All loads are in Kn.

Chain (mm)	Mooring Chain						
	R4 Break	R4S Studless Proof	R4S Studlink Proof	R4S Break	R5 Studless Proof	R5 Studlink Proof	R5 Break
46	2338	1817	2048	2594	1903	2141	2730
47	2436	1893	2133	2702	1982	2231	2844
48	2535	1971	2221	2813	2063	2322	2961
49	2637	2050	2310	2925	2146	2415	3079
50	2740	2130	2400	3040	2230	2510	3200
51	2845	2212	2492	3156	2315	2606	3323
52	2952	2295	2585	3275	2402	2704	3447
53	3060	2379	2680	3395	2491	2803	3574
54	3170	2465	2777	3517	2580	2904	3703
55	3282	2552	2875	3642	2671	3007	3833
56	3396	2640	2974	3768	2764	3111	3966
57	3511	2729	3075	3895	2858	3216	4100
58	3628	2820	3178	4025	2953	3323	4237
59	3747	2912	3282	4157	3049	3432	4375
60	3867	3006	3387	4290	3147	3542	4516
61	3988	3101	3494	4425	3246	3654	4658
62	4112	3196	3602	4562	3347	3767	4802
63	4237	3294	3711	4701	3448	3881	4948
64	4364	3392	3822	4841	3551	3997	5096
65	4492	3492	3934	4983	3656	4115	5246
66	4621	3593	4048	5127	3761	4233	5397
67	4753	3695	4163	5273	3868	4354	5551
68	4885	3798	4279	5420	3976	4475	5706
69	5020	3902	4397	5569	4085	4598	5863
70	5156	4008	4516	5720	4196	4723	6021
71	5293	4115	4636	5872	4308	4849	6181
72	5432	4222	4758	6026	4421	4976	6344
73	5572	4331	4881	6182	4535	5104	6507
74	5714	4442	5005	6339	4650	5234	6673
75	5857	4553	5130	6498	4767	5365	6840

January 2015

Chain Proof / Breaking Load Tables

Mooring Chain - 76 to 105mm

All loads are in Kn.

Chain (mm)	Mooring Chain							
	R3 Studless Proof	R3 Studlink Proof	R3 Break	R3S Studless Proof	R3S Studlink Proof	R3S Break	R4 Studless Proof	R4 Studlink Proof
76	3417	3417	4884	3811	3942	5454	4205	4731
77	3500	3500	5003	3904	4038	5586	4308	4846
78	3584	3584	5123	3997	4135	5720	4411	4962
79	3669	3669	5244	4092	4233	5856	4515	5079
80	3754	3754	5366	4187	4332	5992	4620	5198
81	3840	3840	5490	4283	4431	6130	4726	5317
82	3927	3927	5614	4380	4531	6268	4834	5438
83	4015	4015	5739	4478	4633	6409	4942	5559
84	4104	4104	5866	4577	4735	6550	5051	5682
85	4193	4193	5994	4677	4838	6692	5160	5805
86	4283	4283	6122	4777	4942	6836	5271	5930
87	4374	4374	6252	4878	5046	6981	5383	6056
88	4465	4465	6383	4980	5152	7127	5495	6182
89	4557	4557	6514	5083	5258	7274	5609	6310
90	4650	4650	6647	5187	5365	7422	5723	6439
91	4744	4744	6781	5291	5473	7572	5838	6568
92	4838	4838	6916	5396	5582	7722	5954	6699
93	4933	4933	7051	5502	5692	7874	6071	6830
94	5028	5028	7188	5609	5802	8026	6189	6962
95	5125	5125	7326	5716	5913	8180	6307	7096
96	5222	5222	7464	5824	6025	8335	6427	7230
97	5319	5319	7604	5933	6138	8490	6547	7365
98	5418	5418	7744	6043	6251	8647	6668	7501
99	5516	5516	7886	6153	6365	8805	6790	7638
100	5616	5616	8028	6264	6480	8964	6912	7776
101	5716	5716	8171	6376	6596	9124	7035	7915
102	5817	5817	8315	6488	6712	9285	7159	8054
103	5918	5918	8460	6601	6829	9447	7284	8195
104	6020	6020	8606	6715	6946	9609	7410	8336
105	6123	6123	8753	6829	7065	9773	7536	8478

January 2015



Chain Proof / Breaking Load Tables

Mooring Chain - 76 to 105mm (cont)

All loads are in Kn.

Chain (mm)	Mooring Chain						
	R4 Break	R4S Studless Proof	R4S Studlink Proof	R4S Break	R5 Studless Proof	R5 Studlink Proof	R5 Break
76	6001	4665	5257	6658	4884	5498	7009
77	6147	4779	5384	6820	5003	5631	7179
78	6295	4893	5514	6984	5123	5766	7351
79	6443	5009	5644	7149	5244	5903	7525
80	6594	5126	5775	7315	5366	6040	7700
81	6745	5243	5908	7484	5490	6179	7877
82	6898	5362	6042	7653	5614	6319	8056
83	7052	5482	6177	7824	5739	6460	8236
84	7208	5603	6313	7997	5866	6602	8418
85	7364	5725	6450	8171	5994	6746	8601
86	7522	5848	6589	8346	6122	6891	8785
87	7682	5972	6729	8523	6252	7037	8971
88	7842	6096	6869	8701	6383	7184	9159
89	8004	6222	7011	8881	6514	7332	9348
90	8167	6349	7154	9062	6647	7482	9539
91	8332	6477	7298	9244	6781	7632	9731
92	8497	6606	7443	9428	6916	7784	9924
93	8664	6735	7589	9613	7051	7937	10119
94	8832	6866	7736	9799	7188	8091	10315
95	9001	6997	7884	9987	7326	8246	10512
96	9171	7130	8033	10176	7464	8402	10711
97	9343	7263	8184	10366	7604	8559	10911
98	9515	7397	8335	10557	7744	8717	11113
99	9689	7532	8487	10750	7886	8876	11316
100	9864	7668	8640	10944	8028	9036	11520
101	10040	7805	8794	11139	8171	9197	11725
102	10217	7942	8949	11336	8315	9359	11932
103	10395	8081	9105	11533	8460	9522	12140
104	10574	8220	9262	11732	8606	9686	12349
105	10754	8360	9420	11932	8753	9851	12560

January 2015

Chain Proof / Breaking Load Tables

Mooring Chain - 106 to 135mm

All loads are in Kn.

Chain (mm)	Mooring Chain							
	R3 Studless Proof	R3 Studlink Proof	R3 Break	R3S Studless Proof	R3S Studlink Proof	R3S Break	R4 Studless Proof	R4 Studlink Proof
106	6226	6226	8900	6944	7184	9938	7663	8621
107	6330	6330	9048	7060	7304	10103	7790	8764
108	6434	6434	9197	7176	7424	10270	7919	8909
109	6539	6539	9347	7293	7545	10437	8048	9054
110	6644	6644	9498	7411	7667	10605	8178	9200
111	6750	6750	9650	7529	7789	10775	8308	9347
112	6857	6857	9802	7648	7912	10945	8439	9494
113	6964	6964	9955	7767	8035	11115	8571	9642
114	7071	7071	10109	7887	8159	11287	8703	9791
115	7180	7180	10263	8008	8284	11460	8836	9941
116	7288	7288	10418	8129	8409	11633	8970	10091
117	7397	7397	10574	8251	8535	11807	9104	10242
118	7507	7507	10731	8373	8662	11982	9239	10394
119	7617	7617	10888	8496	8789	12158	9375	10547
120	7728	7728	11047	8619	8916	12334	9511	10700
121	7839	7839	11205	8743	9045	12512	9648	10854
122	7950	7950	11365	8868	9173	12690	9785	11008
123	8062	8062	11525	8992	9303	12868	9923	11163
124	8175	8175	11686	9118	9432	13048	10061	11319
125	8288	8288	11847	9244	9563	13228	10200	11475
126	8401	8401	12009	9370	9693	13409	10339	11632
127	8515	8515	12171	9497	9824	13591	10479	11789
128	8629	8629	12335	9624	9956	13773	10620	11947
129	8743	8743	12498	9752	10088	13956	10761	12106
130	8858	8858	12663	9880	10221	14139	10903	12265
131	8974	8974	12828	10009	10354	14323	11045	12425
132	9089	9089	12993	10138	10488	14508	11187	12585
133	9206	9206	13159	10268	10622	14694	11330	12746
134	9322	9322	13326	10398	10756	14880	11473	12908
135	9439	9439	13493	10528	10891	15066	11617	13070

January 2015

Chain Proof / Breaking Load Tables

Mooring Chain - 106 to 135mm (cont)

All loads are in Kn.

Mooring Chain							
Chain (mm)	R4 Break	R4S Studless Proof	R4S Studlink Proof	R4S Break	R5 Studless Proof	R5 Studlink Proof	R5 Break
106	10935	8501	9578	12133	8900	10017	12771
107	11118	8643	9738	12335	9048	10184	12984
108	11301	8785	9899	12538	9197	10352	13198
109	11485	8928	10060	12743	9347	10521	13413
110	11670	9072	10222	12948	9498	10691	13629
111	11856	9217	10385	13154	9650	10861	13847
112	12043	9362	10549	13362	9802	11032	14065
113	12231	9508	10714	13571	9955	11205	14285
114	12420	9655	10879	13780	10109	11378	14506
115	12610	9803	11046	13991	10263	11552	14727
116	12801	9951	11213	14203	10418	11727	14950
117	12993	10100	11380	14415	10574	11902	15174
118	13185	10250	11549	14629	10731	12078	15399
119	13379	10400	11719	14843	10888	12256	15625
120	13573	10551	11889	15059	11047	12434	15852
121	13768	10703	12059	15275	11205	12612	16079
122	13964	10855	12231	15493	11365	12792	16308
123	14161	11008	12403	15711	11525	12972	16538
124	14358	11161	12576	15930	11686	13153	16768
125	14556	11316	12750	16150	11847	13334	17000
126	14755	11470	12924	16371	12009	13517	17232
127	14955	11626	13099	16592	12171	13700	17466
128	15156	11782	13275	16815	12335	13883	17700
129	15357	11938	13451	17038	12498	14068	17935
130	15559	12095	13628	17262	12663	14253	18171
131	15761	12253	13806	17487	12828	14438	18408
132	15965	12411	13984	17713	12993	14625	18645
133	16169	12569	14163	17939	13159	14812	18883
134	16374	12728	14342	18166	13326	14999	19122
135	16579	12888	14522	18394	13493	15187	19362

January 2015

Chain Proof / Breaking Load Tables



Mooring Chain - 136 to 165mm

All loads are in Kn.

Mooring Chain								
Chain (mm)	R3 Studless Proof	R3 Studlink Proof	R3 Break	R3S Studless Proof	R3S Studlink Proof	R3S Break	R4 Studless Proof	R4 Studlink Proof
136	9556	9556	13661	10659	11027	15253	11762	13232
137	9674	9674	13829	10790	11162	15441	11906	13395
138	9792	9792	13997	10922	11298	15629	12052	13558
139	9910	9910	14167	11054	11435	15818	12197	13722
140	10029	10029	14336	11186	11572	16008	12343	13886
141	10148	10148	14506	11319	11709	16198	12490	14051
142	10267	10267	14677	11452	11847	16388	12637	14216
143	10387	10387	14848	11585	11985	16579	12784	14382
144	10507	10507	15019	11719	12123	16770	12931	14548
145	10627	10627	15191	11853	12262	16962	13079	14714
146	10747	10747	15363	11987	12401	17154	13228	14881
147	10868	10868	15536	12122	12540	17347	13376	15048
148	10989	10989	15709	12257	12680	17540	13525	15216
149	11110	11110	15882	12392	12820	17734	13674	15384
150	11232	11232	16056	12528	12960	17928	13824	15552
151	11354	11354	16230	12664	13101	18122	13974	15721
152	11476	11476	16405	12800	13241	18317	14124	15890
153	11598	11598	16579	12936	13382	18512	14275	16059
154	11721	11721	16755	13073	13524	18708	14425	16229
155	11843	11843	16930	13210	13665	18904	14576	16399
156	11966	11966	17106	13347	13807	19100	14728	16569
157	12089	12089	17282	13484	13949	19297	14879	16739
158	12213	12213	17458	13622	14092	19493	15031	16910
159	12336	12336	17635	13760	14234	19691	15183	17081
160	12460	12460	17811	13898	14377	19888	15335	17252
161	12584	12584	17989	14036	14520	20086	15488	17424
162	12708	12708	18166	14174	14663	20284	15641	17596
163	12832	12832	18343	14313	14806	20482	15793	17768
164	12957	12957	18521	14452	14950	20681	15947	17940
165	13081	13081	18699	14590	15094	20879	16100	18112

January 2015



Chain Proof / Breaking Load Tables

Mooring Chain - 136 to 165mm (cont)

All loads are in Kn.

Mooring Chain							
Chain (mm)	R4 Break	R4S Studless Proof	R4S Studlink Proof	R4S Break	R5 Studless Proof	R5 Studlink Proof	R5 Break
136	16785	13048	14702	18623	13661	15376	19603
137	16992	13209	14883	18852	13829	15565	19844
138	17199	13370	15065	19082	13997	15755	20086
139	17407	13531	15247	19312	14167	15945	20329
140	17615	13693	15429	19544	14336	16136	20572
141	17824	13856	15612	19775	14506	16328	20816
142	18033	14019	15796	20008	14677	16520	21061
143	18243	14182	15980	20241	14848	16712	21306
144	18454	14346	16164	20475	15019	16905	21552
145	18665	14510	16349	20709	15191	17098	21799
146	18877	14674	16534	20944	15363	17292	22046
147	19089	14839	16720	21179	15536	17487	22294
148	19301	15004	16906	21415	15709	17681	22542
149	19515	15170	17093	21651	15882	17876	22791
150	19728	15336	17280	21888	16056	18072	23040
151	19942	15502	17467	22125	16230	18268	23290
152	20156	15669	17655	22363	16405	18464	23540
153	20371	15836	17843	22601	16579	18661	23791
154	20586	16003	18032	22840	16755	18858	24042
155	20802	16171	18221	23079	16930	19056	24294
156	21018	16339	18410	23319	17106	19253	24546
157	21234	16507	18599	23559	17282	19452	24799
158	21451	16675	18789	23799	17458	19650	25052
159	21668	16844	18979	24040	17635	19849	25305
160	21885	17013	19169	24281	17811	20048	25559
161	22103	17182	19360	24523	17989	20247	25813
162	22320	17351	19551	24764	18166	20447	26068
163	22539	17521	19742	25006	18343	20647	26322
164	22757	17691	19933	25249	18521	20847	26578
165	22976	17861	20125	25491	18699	21047	26833

January 2015

Chain Proof / Breaking Load Tables



Mooring Chain - 166 to 195mm

All loads are in Kn.

Chain (mm)	Mooring Chain							
	R3 Studless Proof	R3 Studlink Proof	R3 Break	R3S Studless Proof	R3S Studlink Proof	R3S Break	R4 Studless Proof	R4 Studlink Proof
166	13206	13206	18877	14729	15237	21078	16253	18285
167	13330	13330	19056	14869	15381	21278	16407	18458
168	13455	13455	19234	15008	15525	21477	16560	18631
169	13580	13580	19413	15147	15670	21676	16714	18804
170	13706	13706	19592	15287	15814	21876	16868	18977
171	13831	13831	19771	15427	15959	22076	17022	19150
172	13956	13956	19950	15566	16103	22276	17177	19324
173	14081	14081	20129	15706	16248	22476	17331	19497
174	14207	14207	20309	15846	16393	22676	17485	19671
175	14333	14333	20488	15986	16538	22877	17640	19845
176	14458	14458	20668	16126	16682	23077	17795	20019
177	14584	14584	20847	16267	16827	23278	17949	20193
178	14709	14709	21027	16407	16972	23479	18104	20367
179	14835	14835	21207	16547	17118	23679	18259	20541
180	14961	14961	21387	16687	17263	23880	18414	20715
181	15087	15087	21566	16828	17408	24081	18568	20889
182	15213	15213	21746	16968	17553	24282	18723	21064
183	15338	15338	21926	17108	17698	24483	18878	21238
184	15464	15464	22106	17249	17843	24683	19033	21412
185	15590	15590	22286	17389	17989	24884	19188	21586
186	15716	15716	22466	17529	18134	25085	19343	21761
187	15842	15842	22646	17670	18279	25286	19498	21935
188	15968	15968	22825	17810	18424	25487	19652	22109
189	16093	16093	23005	17950	18569	25687	19807	22283
190	16219	16219	23185	18090	18714	25888	19962	22457
191	16345	16345	23364	18231	18859	26089	20116	22631
192	16470	16470	23544	18371	19004	26289	20271	22805
193	16596	16596	23723	18511	19149	26489	20426	22979
194	16721	16721	23903	18651	19294	26690	20580	23152
195	16847	16847	24082	18790	19438	26890	20734	23326

January 2015



Chain Proof / Breaking Load Tables

Mooring Chain - 166 to 195mm (cont)

All loads are in Kn.

Mooring Chain							
Chain (mm)	R4 Break	R4S Studless Proof	R4S Studlink Proof	R4S Break	R5 Studless Proof	R5 Studlink Proof	R5 Break
166	23195	18031	20316	25734	18877	21248	27089
167	23414	18201	20508	25977	19056	21448	27345
168	23633	18372	20701	26221	19234	21649	27601
169	23853	18542	20893	26464	19413	21851	27857
170	24073	18713	21085	26708	19592	22052	28114
171	24292	18884	21278	26952	19771	22253	28371
172	24513	19055	21471	27196	19950	22455	28628
173	24733	19227	21664	27441	20129	22657	28885
174	24953	19398	21857	27685	20309	22859	29142
175	25174	19569	22050	27930	20488	23061	29400
176	25394	19741	22243	28175	20668	23263	29658
177	25615	19912	22437	28420	20847	23465	29915
178	25836	20084	22630	28665	21027	23667	30173
179	26057	20256	22823	28910	21207	23870	30431
180	26278	20428	23017	29155	21387	24072	30689
181	26499	20599	23211	29400	21566	24274	30947
182	26720	20771	23404	29645	21746	24477	31205
183	26941	20943	23598	29890	21926	24679	31464
184	27162	21115	23791	30136	22106	24882	31722
185	27383	21287	23985	30381	22286	25084	31980
186	27604	21458	24178	30626	22466	25287	32238
187	27825	21630	24372	30871	22646	25489	32496
188	28046	21802	24565	31116	22825	25691	32754
189	28266	21974	24759	31361	23005	25894	33012
190	28487	22145	24952	31606	23185	26096	33270
191	28708	22317	25146	31851	23364	26298	33527
192	28929	22488	25339	32096	23544	26500	33785
193	29149	22660	25532	32340	23723	26702	34043
194	29369	22831	25725	32585	23903	26904	34300
195	29590	23002	25918	32829	24082	27106	34557

January 2015

Chain Proof / Breaking Load Tables

Mooring Chain - 196 to 210mm

All loads are in Kn.

Chain (mm)	Mooring Chain							
	R3 Studless Proof	R3 Studlink Proof	R3 Break	R3S Studless Proof	R3S Studlink Proof	R3S Break	R4 Studless Proof	R4 Studlink Proof
196	16972	16972	24261	18930	19583	27090	20888	23500
197	17097	17097	24440	19070	19727	27290	21043	23673
198	17222	17222	24619	19209	19872	27489	21197	23846
199	17347	17347	24798	19349	20016	27689	21350	24019
200	17472	17472	24976	19488	20160	27888	21504	24192
201	17597	17597	25154	19627	20304	28087	21658	24365
202	17721	17721	25332	19766	20448	28286	21811	24537
203	17846	17846	25510	19905	20591	28485	21964	24710
204	17970	17970	25688	20044	20735	28683	22117	24882
205	18094	18094	25866	20182	20878	28881	22270	25054
206	18218	18218	26043	20320	21021	29079	22423	25225
207	18342	18342	26220	20459	21164	29277	22575	25397
208	18466	18466	26397	20596	21307	29474	22727	25568
209	18589	18589	26573	20734	21449	29671	22879	25739
210	18713	18713	26749	20872	21591	29868	23031	25910

January 2015

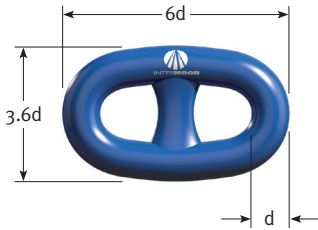
Chain Proof / Breaking Load Tables

Mooring Chain - 196 to 210mm (cont)

All loads are in Kn.

Mooring Chain							
Chain (mm)	R4 Break	R4S Studless Proof	R4S Studlink Proof	R4S Break	R5 Studless Proof	R5 Studlink Proof	R5 Break
196	29810	23173	26111	33073	24261	27307	34814
197	30029	23344	26303	33317	24440	27509	35071
198	30249	23515	26496	33561	24619	27710	35328
199	30469	23686	26688	33805	24798	27911	35584
200	30688	23856	26880	34048	24976	28112	35840
201	30907	24026	27072	34291	25154	28313	36096
202	31126	24196	27264	34534	25332	28513	36351
203	31345	24366	27455	34776	25510	28713	36607
204	31563	24536	27646	35019	25688	28913	36862
205	31781	24706	27837	35261	25866	29113	37116
206	31999	24875	28028	35502	26043	29313	37371
207	32216	25044	28219	35744	26220	29512	37625
208	32433	25213	28409	35985	26397	29711	37878
209	32650	25381	28599	36225	26573	29910	38132
210	32867	25550	28788	36465	26749	30108	38385

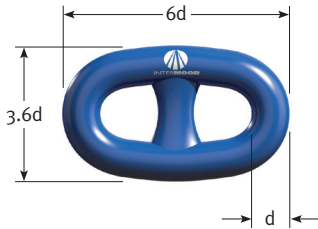
January 2015



Common Link Dimensions - 16 to 44mm

Chain (mm)	Length	Width	kg/m	Weight/Link
16	96	58	6	0.4
17	102	61	6	0.5
18	108	65	7	0.6
19	114	68	8	0.7
20	120	72	9	0.8
21	126	76	10	0.9
22	132	79	11	1
23	138	83	12	1
24	144	86	13	1
25	150	90	14	2
26	156	94	15	2
27	162	97	16	2
28	168	101	17	2
29	174	104	18	2
30	180	108	20	3
31	186	112	21	3
32	192	115	22	3
33	198	119	24	3
34	204	122	25	4
35	210	126	27	4
36	216	130	28	4
37	222	133	30	5
38	228	137	32	5
39	234	140	33	6
40	240	144	35	6
41	246	148	37	7
42	252	151	39	7
43	258	155	40	8
44	264	158	42	8

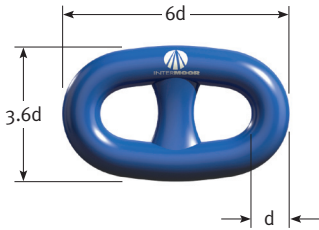
January 2015



Common Link Dimensions - 45 to 73mm

Chain (mm)	Length	Width	kg/m	Weight/Link
45	270	162	44	9
46	276	166	46	9
47	282	169	48	10
48	288	173	50	11
49	294	176	53	11
50	300	180	55	12
51	306	184	57	13
52	312	187	59	14
53	318	191	62	14
54	324	194	64	15
55	330	198	66	16
56	336	202	69	17
57	342	205	71	18
58	348	209	74	19
59	354	212	76	20
60	360	216	79	21
61	366	220	81	22
62	372	223	84	23
63	378	227	87	24
64	384	230	90	25
65	390	234	93	26
66	396	238	95	28
67	402	241	98	29
68	408	245	101	30
69	414	248	104	32
70	420	252	107	33
71	426	256	110	34
72	432	259	114	36
73	438	263	117	37

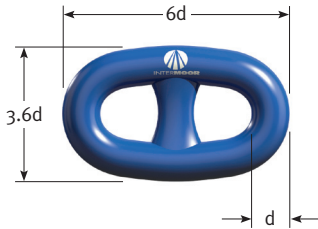
January 2015



Common Link Dimensions - 74 to 102mm

Chain (mm)	Length	Width	kg/m	Weight/Link
74	444	266	120	39
75	450	270	123	41
76	456	274	126	42
77	462	277	130	44
78	468	281	133	46
79	474	284	137	48
80	480	288	140	49
81	486	292	144	51
82	492	295	147	53
83	498	299	151	55
84	504	302	155	57
85	510	306	158	59
86	516	310	162	61
87	522	313	166	63
88	528	317	170	66
89	534	320	173	68
90	540	324	177	70
91	546	328	181	73
92	552	331	185	75
93	558	335	189	78
94	564	338	194	80
95	570	342	198	83
96	576	346	202	85
97	582	349	206	88
98	588	353	210	91
99	594	356	215	93
100	600	360	219	96
101	606	364	223	99
102	612	367	228	102

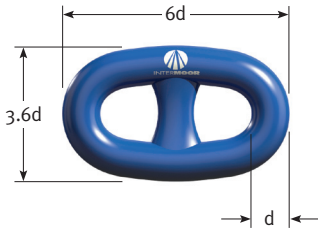
January 2015



Common Link Dimensions - 103 to 131mm

Chain (mm)	Length	Width	kg/m	Weight/Link
103	618	371	232	105
104	624	374	237	108
105	630	378	241	112
106	636	382	246	115
107	642	385	251	118
108	648	389	255	121
109	654	392	260	125
110	660	396	265	128
111	666	400	270	132
112	672	403	275	135
113	678	407	280	139
114	684	410	285	143
115	690	414	290	147
116	696	418	295	150
117	702	421	300	154
118	708	425	305	158
119	714	428	310	162
120	720	432	315	167
121	726	436	321	171
122	732	439	326	175
123	738	443	331	179
124	744	446	337	184
125	750	450	342	188
126	756	454	348	193
127	762	457	353	197
128	768	461	359	202
129	774	464	364	207
130	780	468	370	212
131	786	472	376	217

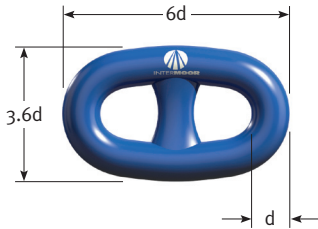
January 2015



Common Link Dimensions - 132 to 160mm

Chain (mm)	Length	Width	kg/m	Weight/Link
132	792	475	382	222
133	798	479	387	227
134	804	482	393	232
135	810	486	399	237
136	816	490	405	242
137	822	493	411	248
138	828	497	417	253
139	834	500	423	259
140	840	504	429	264
141	846	508	435	270
142	852	511	442	276
143	858	515	448	282
144	864	518	454	288
145	870	522	460	294
146	876	526	467	300
147	882	529	473	306
148	888	533	480	312
149	894	536	486	319
150	900	540	493	325
151	906	544	499	332
152	912	547	506	338
153	918	551	513	345
154	924	554	519	352
155	930	558	526	359
156	936	562	533	366
157	942	565	540	373
158	948	569	547	380
159	954	572	554	387
160	960	576	561	395

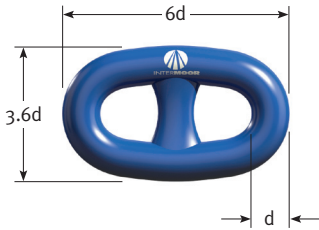
January 2015



Common Link Dimensions - 161 to 189mm

Chain (mm)	Length	Width	kg/m	Weight/ Link
161	966	580	568	402
162	972	583	575	410
163	978	587	582	417
164	984	590	589	425
165	990	594	596	433
166	996	598	603	441
167	1002	601	611	449
168	1008	605	618	457
169	1014	608	625	465
170	1020	612	633	473
171	1026	616	640	482
172	1032	619	648	490
173	1038	623	655	499
174	1044	626	663	508
175	1050	630	671	516
176	1056	634	678	525
177	1062	637	686	534
178	1068	641	694	543
179	1074	644	702	553
180	1080	648	710	562
181	1086	652	717	571
182	1092	655	725	581
183	1098	659	733	591
184	1104	662	741	600
185	1110	666	750	610
186	1116	670	758	620
187	1122	673	766	630
188	1128	677	774	640
189	1134	680	782	651

January 2015



Common Link Dimensions - 190 to 210mm

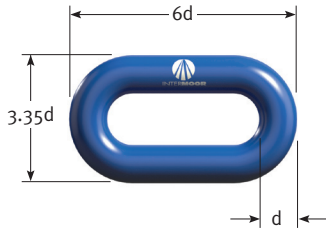
Chain (mm)	Length	Width	kg/m	Weight/Link
190	1140	684	791	661
191	1146	688	799	671
192	1152	691	807	682
193	1158	695	816	693
194	1164	698	824	704
195	1170	702	833	714
196	1176	706	841	726
197	1182	709	850	737
198	1188	713	859	748
199	1194	716	867	759
200	1200	720	876	771
201	1206	724	885	783
202	1212	727	894	794
203	1218	731	902	806
204	1224	734	911	818
205	1230	738	920	830
206	1236	742	929	842
207	1242	745	938	855
208	1248	749	947	867
209	1254	752	957	880
210	1260	756	966	892

January 2015

Common Studless Link



INTERMOOR

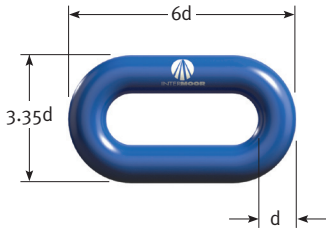


Common Studless Link - 16 to 44mm

Chain (mm)	Length	Width	kg/m	Weight/Link
16	96	54	5	0.4
17	102	57	6	0.4
18	108	60	6	0.5
19	114	64	7	0.6
20	120	67	8	0.7
21	126	70	9	0.8
22	132	74	10	1
23	138	77	11	1
24	144	80	12	1
25	150	84	13	1
26	156	87	14	2
27	162	90	15	2
28	168	94	16	2
29	174	97	17	2
30	180	101	18	2
31	186	104	19	3
32	192	107	20	3
33	198	111	22	3
34	204	114	23	3
35	210	117	25	4
36	216	121	26	4
37	222	124	27	4
38	228	127	29	5
39	234	131	30	5
40	240	134	32	6
41	246	137	34	6
42	252	141	35	7
43	258	144	37	7
44	264	147	39	8

January 2015

Common Studless Link



Common Studless Link - 45 to 73mm

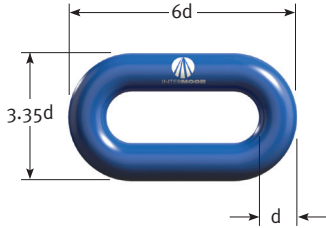
Chain (mm)	Length	Width	kg/m	Weight/Link
45	270	151	41	8
46	276	154	42	9
47	282	157	44	9
48	288	161	46	10
49	294	164	48	10
50	300	168	50	11
51	306	171	52	12
52	312	174	54	12
53	318	178	56	13
54	324	181	58	14
55	330	184	61	15
56	336	188	63	15
57	342	191	65	16
58	348	194	67	17
59	354	198	70	18
60	360	201	72	19
61	366	204	74	20
62	372	208	77	21
63	378	211	79	22
64	384	214	82	23
65	390	218	85	24
66	396	221	87	25
67	402	224	90	26
68	408	228	93	28
69	414	231	95	29
70	420	235	98	30
71	426	238	101	32
72	432	241	104	33
73	438	245	107	34

January 2015

Common Studless Link



INTERMOOR

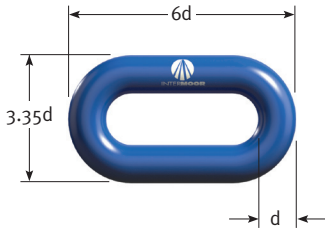


Common Studless Link - 74 to 102mm

Chain (mm)	Length	Width	kg/m	Weight/Link
74	444	248	110	36
75	450	251	113	37
76	456	255	116	39
77	462	258	119	40
78	468	261	122	42
79	474	265	125	43
80	480	268	128	45
81	486	271	131	47
82	492	275	135	49
83	498	278	138	50
84	504	281	141	52
85	510	285	145	54
86	516	288	148	56
87	522	291	152	58
88	528	295	155	60
89	534	298	159	62
90	540	302	162	64
91	546	305	166	66
92	552	308	169	69
93	558	312	173	71
94	564	315	177	73
95	570	318	181	76
96	576	322	184	78
97	582	325	188	80
98	588	328	192	83
99	594	332	196	85
100	600	335	200	88
101	606	338	204	91
102	612	342	208	93

January 2015

Common Studless Link



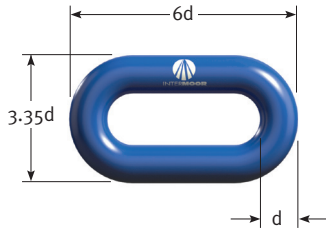
Common Studless Link - 103 to 131mm

Chain (mm)	Length	Width	kg/m	Weight/Link
103	618	345	212	96
104	624	348	217	99
105	630	352	221	102
106	636	355	225	105
107	642	358	229	108
108	648	362	233	111
109	654	365	238	114
110	660	369	242	117
111	666	372	247	120
112	672	375	251	124
113	678	379	256	127
114	684	382	260	130
115	690	385	265	134
116	696	389	269	137
117	702	392	274	141
118	708	395	279	145
119	714	399	283	148
120	720	402	288	152
121	726	405	293	156
122	732	409	298	160
123	738	412	303	164
124	744	415	308	168
125	750	419	313	172
126	756	422	318	176
127	762	425	323	180
128	768	429	328	185
129	774	432	333	189
130	780	436	338	194
131	786	439	344	198

January 2015



Common Studless Link

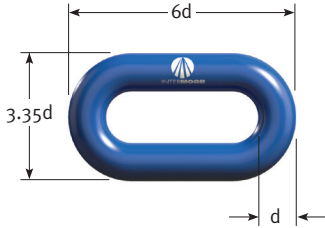


Common Studless Link - 132 to 160mm

Chain (mm)	Length	Width	kg/m	Weight/Link
132	792	442	349	203
133	798	446	354	207
134	804	449	359	212
135	810	452	365	217
136	816	456	370	222
137	822	459	376	226
138	828	462	381	231
139	834	466	387	237
140	840	469	392	242
141	846	472	398	247
142	852	476	404	252
143	858	479	409	258
144	864	482	415	263
145	870	486	421	269
146	876	489	427	274
147	882	492	433	280
148	888	496	438	286
149	894	499	444	291
150	900	503	450	297
151	906	506	456	303
152	912	509	463	309
153	918	513	469	315
154	924	516	475	322
155	930	519	481	328
156	936	523	487	334
157	942	526	493	341
158	948	529	500	347
159	954	533	506	354
160	960	536	512	361

January 2015

Common Studless Link



Common Studless Link - 161 to 189mm

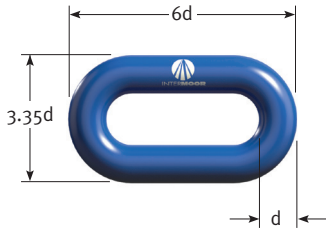
Chain (mm)	Length	Width	kg/m	Weight/Link
161	966	539	519	368
162	972	543	525	374
163	978	546	532	381
164	984	549	538	389
165	990	553	545	396
166	996	556	552	403
167	1002	559	558	410
168	1008	563	565	418
169	1014	566	572	425
170	1020	570	579	433
171	1026	573	585	440
172	1032	576	592	448
173	1038	580	599	456
174	1044	583	606	464
175	1050	586	613	472
176	1056	590	620	480
177	1062	593	627	488
178	1068	596	634	497
179	1074	600	641	505
180	1080	603	649	514
181	1086	606	656	522
182	1092	610	663	531
183	1098	613	670	540
184	1104	616	678	549
185	1110	620	685	558
186	1116	623	693	567
187	1122	626	700	576
188	1128	630	708	585
189	1134	633	715	595

January 2015

Common Studless Link



INTERMOOR

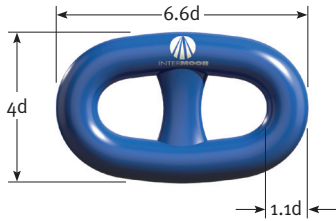


Common Studless Link - 190 to 210mm

Chain (mm)	Length	Width	kg/m	Weight/ Link
190	1140	637	723	604
191	1146	640	730	614
192	1152	643	738	623
193	1158	647	746	633
194	1164	650	753	643
195	1170	653	761	653
196	1176	657	769	663
197	1182	660	777	673
198	1188	663	785	684
199	1194	667	793	694
200	1200	670	801	705
201	1206	673	809	715
202	1212	677	817	726
203	1218	680	825	737
204	1224	683	833	748
205	1230	687	841	759
206	1236	690	849	770
207	1242	693	858	781
208	1248	697	866	793
209	1254	700	874	804
210	1260	704	883	816

January 2015

Enlarged Link



Enlarged Link - 16 to 44mm

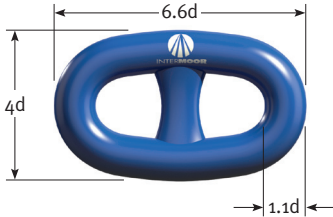
Chain (mm)	Link Diameter	Length	Width
16	18	106	64
17	19	112	68
18	20	119	72
19	21	125	76
20	22	132	80
21	23	139	84
22	24	145	88
23	25	152	92
24	26	158	96
25	28	165	100
26	29	172	104
27	30	178	108
28	31	185	112
29	32	191	116
30	33	198	120
31	34	205	124
32	35	211	128
33	36	218	132
34	37	224	136
35	39	231	140
36	40	238	144
37	41	244	148
38	42	251	152
39	43	257	156
40	44	264	160
41	45	271	164
42	46	277	168
43	47	284	172
44	48	290	176

January 2015

Enlarged Link



INTERMOOR

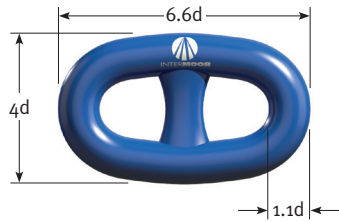


Enlarged Link - 45 to 73mm

Chain (mm)	Link Diameter	Length	Width
45	50	297	180
46	51	304	184
47	52	310	188
48	53	317	192
49	54	323	196
50	55	330	200
51	56	337	204
52	57	343	208
53	58	350	212
54	59	356	216
55	61	363	220
56	62	370	224
57	63	376	228
58	64	383	232
59	65	389	236
60	66	396	240
61	67	403	244
62	68	409	248
63	69	416	252
64	70	422	256
65	72	429	260
66	73	436	264
67	74	442	268
68	75	449	272
69	76	455	276
70	77	462	280
71	78	469	284
72	79	475	288
73	80	482	292

January 2015

Enlarged Link



INTERMOOR

Enlarged Link - 74 to 102mm

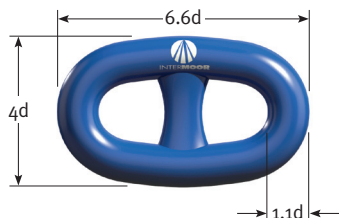
Chain (mm)	Link Diameter	Length	Width
74	81	488	296
75	83	495	300
76	84	502	304
77	85	508	308
78	86	515	312
79	87	521	316
80	88	528	320
81	89	535	324
82	90	541	328
83	91	548	332
84	92	554	336
85	94	561	340
86	95	568	344
87	96	574	348
88	97	581	352
89	98	587	356
90	99	594	360
91	100	601	364
92	101	607	368
93	102	614	372
94	103	620	376
95	105	627	380
96	106	634	384
97	107	640	388
98	108	647	392
99	109	653	396
100	110	660	400
101	111	667	404
102	112	673	408

January 2015

Enlarged Link



INTERMOOR

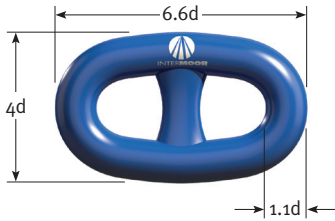


Enlarged Link - 103 to 131mm

Chain (mm)	Link Diameter	Length	Width
103	113	680	412
104	114	686	416
105	116	693	420
106	117	700	424
107	118	706	428
108	119	713	432
109	120	719	436
110	121	726	440
111	122	733	444
112	123	739	448
113	124	746	452
114	125	752	456
115	127	759	460
116	128	766	464
117	129	772	468
118	130	779	472
119	131	785	476
120	132	792	480
121	133	799	484
122	134	805	488
123	135	812	492
124	136	818	496
125	138	825	500
126	139	832	504
127	140	838	508
128	141	845	512
129	142	851	516
130	143	858	520
131	144	865	524

January 2015

Enlarged Link



Enlarged Link - 132 to 160mm

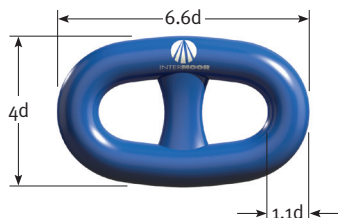
Chain (mm)	Link Diameter	Length	Width
132	145	871	528
133	146	878	532
134	147	884	536
135	149	891	540
136	150	898	544
137	151	904	548
138	152	911	552
139	153	917	556
140	154	924	560
141	155	931	564
142	156	937	568
143	157	944	572
144	158	950	576
145	160	957	580
146	161	964	584
147	162	970	588
148	163	977	592
149	164	983	596
150	165	990	600
151	166	997	604
152	167	1003	608
153	168	1010	612
154	169	1016	616
155	171	1023	620
156	172	1030	624
157	173	1036	628
158	174	1043	632
159	175	1049	636
160	176	1056	640

January 2015

Enlarged Link



INTERMOOR

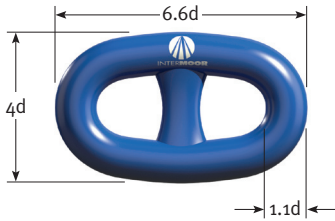


Enlarged Link - 161 to 189mm

Chain (mm)	Link Diameter	Length	Width
161	177	1063	644
162	178	1069	648
163	179	1076	652
164	180	1082	656
165	182	1089	660
166	183	1096	664
167	184	1102	668
168	185	1109	672
169	186	1115	676
170	187	1122	680
171	188	1129	684
172	189	1135	688
173	190	1142	692
174	191	1148	696
175	193	1155	700
176	194	1162	704
177	195	1168	708
178	196	1175	712
179	197	1181	716
180	198	1188	720
181	199	1195	724
182	200	1201	728
183	201	1208	732
184	202	1214	736
185	204	1221	740
186	205	1228	744
187	206	1234	748
188	207	1241	752
189	208	1247	756

January 2015

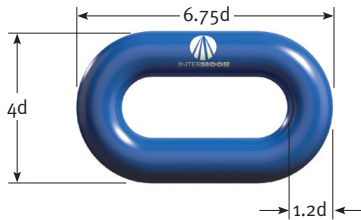
Enlarged Link



Enlarged Link - 190 to 210mm

Chain (mm)	Link Diameter	Length	Width
190	209	1254	760
191	210	1261	764
192	211	1267	768
193	212	1274	772
194	213	1280	776
195	215	1287	780
196	216	1294	784
197	217	1300	788
198	218	1307	792
199	219	1313	796
200	220	1320	800
201	221	1327	804
202	222	1333	808
203	223	1340	812
204	224	1346	816
205	226	1353	820
206	227	1360	824
207	228	1366	828
208	229	1373	832
209	230	1379	836
210	231	1386	840

January 2015



End Link - 16 to 44mm

Chain (mm)	Link Diameter	Length	Width
16	19	108	64
17	20	115	68
18	22	122	72
19	23	128	76
20	24	135	80
21	25	142	84
22	26	149	88
23	28	155	92
24	29	162	96
25	30	169	100
26	31	176	104
27	32	182	108
28	34	189	112
29	35	196	116
30	36	203	120
31	37	209	124
32	38	216	128
33	40	223	132
34	41	230	136
35	42	236	140
36	43	243	144
37	44	250	148
38	46	257	152
39	47	263	156
40	48	270	160
41	49	277	164
42	50	284	168
43	52	290	172
44	53	297	176

January 2015



End Link - 45 to 73mm

Chain (mm)	Link Diameter	Length	Width
45	54	304	180
46	55	311	184
47	56	317	188
48	58	324	192
49	59	331	196
50	60	338	200
51	61	344	204
52	62	351	208
53	64	358	212
54	65	365	216
55	66	371	220
56	67	378	224
57	68	385	228
58	70	392	232
59	71	398	236
60	72	405	240
61	73	412	244
62	74	419	248
63	76	425	252
64	77	432	256
65	78	439	260
66	79	446	264
67	80	452	268
68	82	459	272
69	83	466	276
70	84	473	280
71	85	479	284
72	86	486	288
73	88	493	292

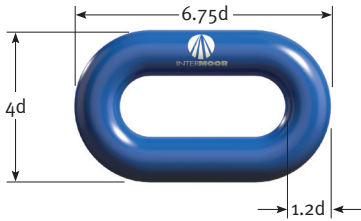
January 2015



End Link - 74 to 102mm

Chain (mm)	Link Diameter	Length	Width
74	89	500	296
75	90	506	300
76	91	513	304
77	92	520	308
78	94	527	312
79	95	533	316
80	96	540	320
81	97	547	324
82	98	554	328
83	100	560	332
84	101	567	336
85	102	574	340
86	103	581	344
87	104	587	348
88	106	594	352
89	107	601	356
90	108	608	360
91	109	614	364
92	110	621	368
93	112	628	372
94	113	635	376
95	114	641	380
96	115	648	384
97	116	655	388
98	118	662	392
99	119	668	396
100	120	675	400
101	121	682	404
102	122	689	408

January 2015



End Link - 103 to 131mm

Chain (mm)	Link Diameter	Length	Width
103	124	695	412
104	125	702	416
105	126	709	420
106	127	716	424
107	128	722	428
108	130	729	432
109	131	736	436
110	132	743	440
111	133	749	444
112	134	756	448
113	136	763	452
114	137	770	456
115	138	776	460
116	139	783	464
117	140	790	468
118	142	797	472
119	143	803	476
120	144	810	480
121	145	817	484
122	146	824	488
123	148	830	492
124	149	837	496
125	150	844	500
126	151	851	504
127	152	857	508
128	154	864	512
129	155	871	516
130	156	878	520
131	157	884	524

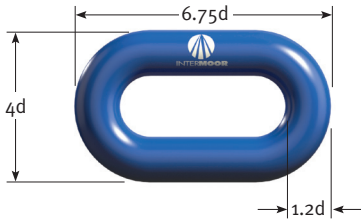
January 2015



End Link - 132 to 160mm

Chain (mm)	Link Diameter	Length	Width
132	158	891	528
133	160	898	532
134	161	905	536
135	162	911	540
136	163	918	544
137	164	925	548
138	166	932	552
139	167	938	556
140	168	945	560
141	169	952	564
142	170	959	568
143	172	965	572
144	173	972	576
145	174	979	580
146	175	986	584
147	176	992	588
148	178	999	592
149	179	1006	596
150	180	1013	600
151	181	1019	604
152	182	1026	608
153	184	1033	612
154	185	1040	616
155	186	1046	620
156	187	1053	624
157	188	1060	628
158	190	1067	632
159	191	1073	636
160	192	1080	640

January 2015



End Link - 161 to 189mm

Chain (mm)	Link Diameter	Length	Width
161	193	1087	644
162	194	1094	648
163	196	1100	652
164	197	1107	656
165	198	1114	660
166	199	1121	664
167	200	1127	668
168	202	1134	672
169	203	1141	676
170	204	1148	680
171	205	1154	684
172	206	1161	688
173	208	1168	692
174	209	1175	696
175	210	1181	700
176	211	1188	704
177	212	1195	708
178	214	1202	712
179	215	1208	716
180	216	1215	720
181	217	1222	724
182	218	1229	728
183	220	1235	732
184	221	1242	736
185	222	1249	740
186	223	1256	744
187	224	1262	748
188	226	1269	752
189	227	1276	756

January 2015



End Link - 190 to 210mm

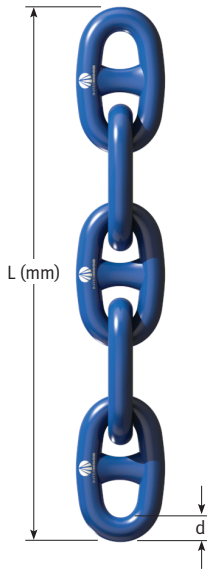
Chain (mm)	Link Diameter	Length	Width
190	228	1283	760
191	229	1289	764
192	230	1296	768
193	232	1303	772
194	233	1310	776
195	234	1316	780
196	235	1323	784
197	236	1330	788
198	238	1337	792
199	239	1343	796
200	240	1350	800
201	241	1357	804
202	242	1364	808
203	244	1370	812
204	245	1377	816
205	246	1384	820
206	247	1391	824
207	248	1397	828
208	250	1404	832
209	251	1411	836
210	252	1418	840

January 2015

5 Common Link Length



INTERMOOR



5 Common Link Length - 16 to 44mm

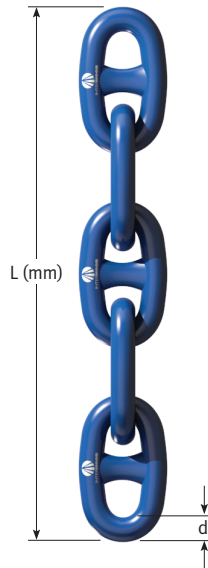
Chain (mm)	Min	Max
16	352	361
17	374	383
18	396	406
19	418	428
20	440	451
21	462	474
22	484	496
23	506	519
24	528	541
25	550	564
26	572	586
27	594	609
28	616	631
29	638	654
30	660	677
31	682	699
32	704	722
33	726	744
34	748	767
35	770	789
36	792	812
37	814	834
38	836	857
39	858	879
40	880	902
41	902	925
42	924	947
43	946	970
44	968	992

January 2015

5 Common Link Length



INTERMOOR



5 Common Link Length - 45 to 73mm

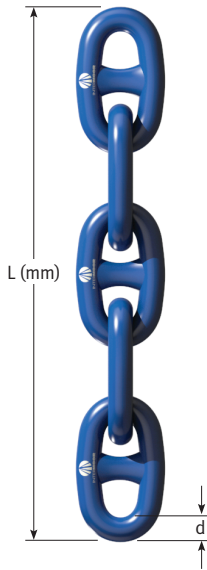
Chain (mm)	Min	Max
45	990	1015
46	1012	1037
47	1034	1060
48	1056	1082
49	1078	1105
50	1100	1128
51	1122	1150
52	1144	1173
53	1166	1195
54	1188	1218
55	1210	1240
56	1232	1263
57	1254	1285
58	1276	1308
59	1298	1330
60	1320	1353
61	1342	1376
62	1364	1398
63	1386	1421
64	1408	1443
65	1430	1466
66	1452	1488
67	1474	1511
68	1496	1533
69	1518	1556
70	1540	1579
71	1562	1601
72	1584	1624
73	1606	1646

January 2015

5 Common Link Length



INTERMOOR



5 Common Link Length - 74 to 102mm

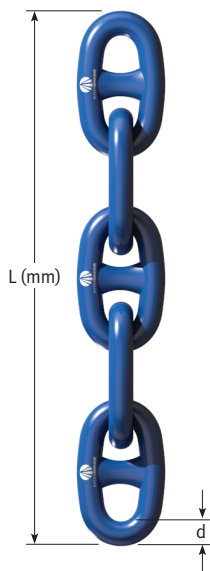
Chain (mm)	Min	Max
74	1628	1669
75	1650	1691
76	1672	1714
77	1694	1736
78	1716	1759
79	1738	1781
80	1760	1804
81	1782	1827
82	1804	1849
83	1826	1872
84	1848	1894
85	1870	1917
86	1892	1939
87	1914	1962
88	1936	1984
89	1958	2007
90	1980	2030
91	2002	2052
92	2024	2075
93	2046	2097
94	2068	2120
95	2090	2142
96	2112	2165
97	2134	2187
98	2156	2210
99	2178	2232
100	2200	2255
101	2222	2278
102	2244	2300

January 2015

5 Common Link Length



INTERMOOR



5 Common Link Length - 103 to 131mm

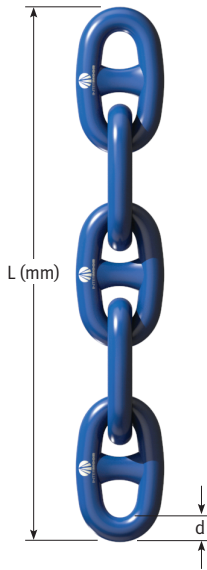
Chain (mm)	Min	Max
103	2266	2323
104	2288	2345
105	2310	2368
106	2332	2390
107	2354	2413
108	2376	2435
109	2398	2458
110	2420	2481
111	2442	2503
112	2464	2526
113	2486	2548
114	2508	2571
115	2530	2593
116	2552	2616
117	2574	2638
118	2596	2661
119	2618	2683
120	2640	2706
121	2662	2729
122	2684	2751
123	2706	2774
124	2728	2796
125	2750	2819
126	2772	2841
127	2794	2864
128	2816	2886
129	2838	2909
130	2860	2932
131	2882	2954

January 2015

5 Common Link Length



INTERMOOR



5 Common Link Length - 132 to 160mm

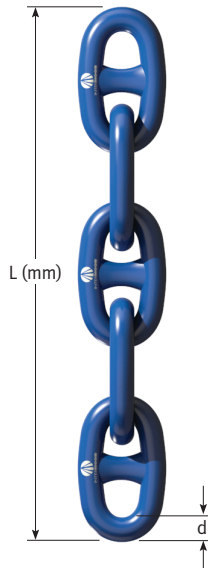
Chain (mm)	Min	Max
132	2904	2977
133	2926	2999
134	2948	3022
135	2970	3044
136	2992	3067
137	3014	3089
138	3036	3112
139	3058	3134
140	3080	3157
141	3102	3180
142	3124	3202
143	3146	3225
144	3168	3247
145	3190	3270
146	3212	3292
147	3234	3315
148	3256	3337
149	3278	3360
150	3300	3383
151	3322	3405
152	3344	3428
153	3366	3450
154	3388	3473
155	3410	3495
156	3432	3518
157	3454	3540
158	3476	3563
159	3498	3585
160	3520	3608

January 2015

5 Common Link Length



INTERMOOR

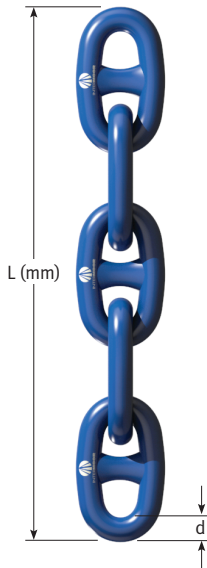


5 Common Link Length - 161 to 189mm

Chain (mm)	Min	Max
161	3542	3631
162	3564	3653
163	3586	3676
164	3608	3698
165	3630	3721
166	3652	3743
167	3674	3766
168	3696	3788
169	3718	3811
170	3740	3834
171	3762	3856
172	3784	3879
173	3806	3901
174	3828	3924
175	3850	3946
176	3872	3969
177	3894	3991
178	3916	4014
179	3938	4036
180	3960	4059
181	3982	4082
182	4004	4104
183	4026	4127
184	4048	4149
185	4070	4172
186	4092	4194
187	4114	4217
188	4136	4239
189	4158	4262

January 2015

5 Common Link Length

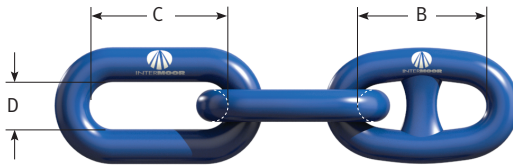

INTERMOOR


5 Common Link Length - 190 to 210mm

Chain (mm)	Min	Max
190	4180	4285
191	4202	4307
192	4224	4330
193	4246	4352
194	4268	4375
195	4290	4397
196	4312	4420
197	4334	4442
198	4356	4465
199	4378	4487
200	4400	4510
201	4422	4533
202	4444	4555
203	4466	4578
204	4488	4600
205	4510	4623
206	4532	4645
207	4554	4668
208	4576	4690
209	4598	4713
210	4620	4736

January 2015



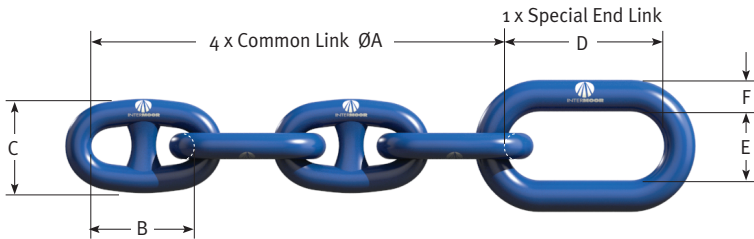


Chain Size mm	A mm	B mm	C mm	D mm	E mm
76	78	305	331	122	95
84	86	337	365	134	102

NOTE: Dimensions shown are approx and are subject to standard chain tolerances.

January 2015





Chain Size	A mm	B mm	C mm	D mm	E mm	F mm
76	78	305	275	460	200	92
84	86	337	303	600	200	102

NOTE: Dimensions shown are approx and are subject to standard chain tolerances.

January 2015





Minimum Mechanical Properties for Chain Cables

Grade	Yield Stress ⁴ R_e N/mm ²	Tensile Strength ⁴ R_m N/mm ²	Elongation A ₅ %	Reduction of Area Z %	Charpy V-notch				
					Temp ¹ °C	Base		Weld	
						Average Energy J	Single Energy J	Average Energy J	Single Energy J
R3	410	690	17	50 ²	0	60	45	50	38
					-20	40	30	30	23
R3S	490	770	15	50 ²	0	65	49	53	40
					-20	45	34	33	25
R4	580	860	12	50 ³	-20	50	38	36	27
R4S	700	960	12	50 ²	-20	56	42	40	30
R5	760	1000	12	50 ²	-20	58	44	42	32

January 2015

¹ For grade R3 and R3S, testing may be carried out at either 0°C or -20°C.

² For cast accessories, the minimum value shall be 40%.

³ For cast accessories, the minimum value shall be 35%.

⁴ For guidance only: Typical yield to tensile strength ratio is in the range of 0.85 to 0.95.

Tensile strength is normally not to exceed the minimum tensile strength with more than 150 MPa.

3

CHAIN
CONNECTORS

Chain Connectors and Fittings



Kenter Thin



C-Type Connector



Kenter Shackle



Inter-M® H-Link
Chain Connector (LTM)



Kenter Anchor Shackle



Chain Clamp

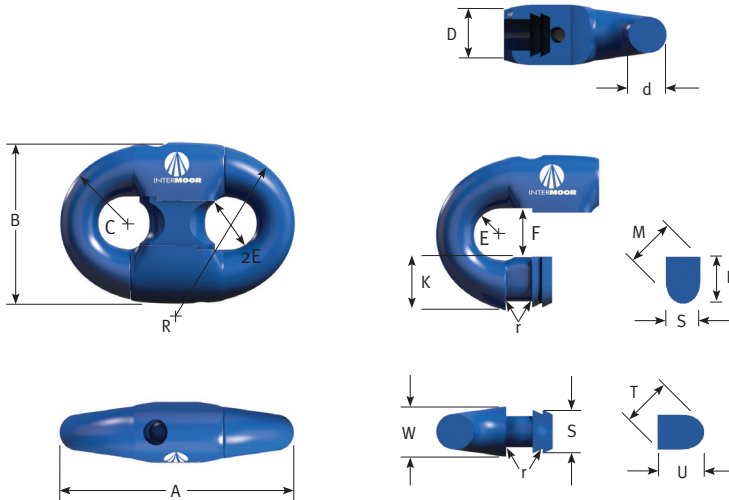


Pear Link





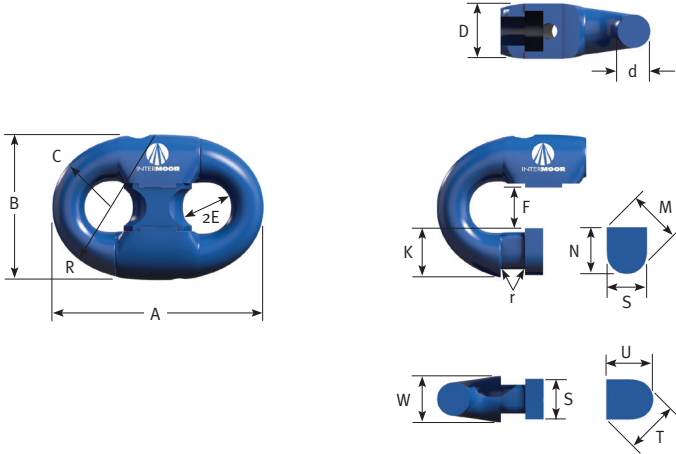




mm	A	B	C	E	R	K	S	M	N	W	F	T	U	D	d	r
26	156	109	48	17	117	36	21	37	34	32	29	41	34	34	26	1
38	228	160	70	25	171	53	31	54	50	46	43	60	49	49	38	1
52	312	218	95	35	234	73	43	73	69	63	59	83	68	68	52	2
64	384	269	117	43	288	90	52	90	84	78	72	102	83	83	64	2
70	420	294	128	47	315	98	57	99	92	85	79	111	91	91	70	2
76	456	319	139	51	342	106	62	107	100	93	86	121	99	99	76	2
84	504	353	154	56	378	118	69	118	111	102	95	134	109	109	84	3
92	552	386	168	62	414	129	75	130	121	112	104	146	120	120	92	3
102	612	428	187	68	459	143	84	144	135	124	115	162	133	133	102	3
114	684	479	209	76	513	160	93	161	150	139	129	181	148	148	114	3
120	720	504	220	80	540	168	98	169	158	146	136	191	156	156	120	4
127	762	533	232	85	572	178	104	179	168	155	144	202	165	165	127	4
137	822	575	251	92	617	192	112	193	181	167	155	218	178	178	137	4
152	912	638	278	102	684	213	125	214	201	185	172	242	198	198	152	5



Kenter Shackle



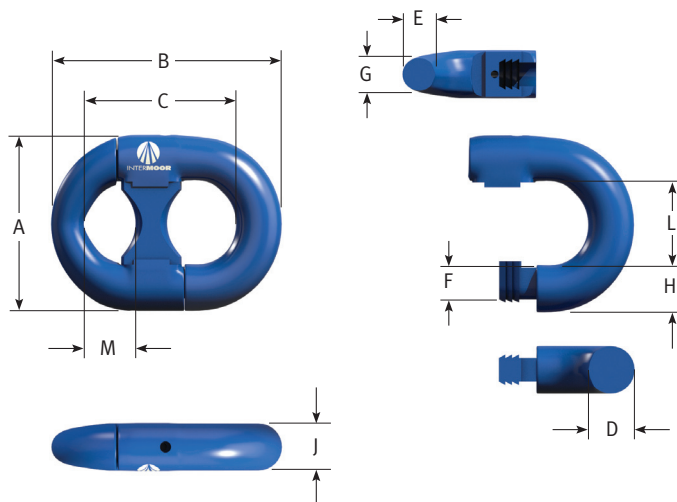
mm	A	B	C	E	R	K	S	M	N	W	F	T	U	D	d	r	Weight kg
26	156	109	48	17	117	36	29	38	34	35	29	41	34	40	26	1	3
38	228	160	70	25	171	53	42	55	50	51	43	60	49	58	38	1	9
52	312	218	95	35	234	73	57	75	69	70	59	83	68	79	52	2	21
64	384	269	117	43	288	90	70	93	84	86	72	102	83	97	64	2	39
70	420	294	128	47	315	98	77	102	92	94	79	111	91	106	70	2	52
76	456	319	139	51	342	106	84	110	100	102	86	121	99	116	76	2	67
84	504	353	154	56	378	118	92	122	111	113	95	134	109	128	84	3	86
92	552	386	168	62	414	129	101	133	121	123	104	146	120	140	92	3	119
102	612	428	187	68	459	143	112	148	135	137	115	162	133	155	102	3	160
114	684	479	209	76	513	160	125	165	150	153	129	181	148	173	114	3	180
120	720	504	220	80	540	168	132	174	158	161	136	191	156	182	120	4	188
127	762	533	232	85.1	572	178	140	184	168	170	144	202	165	193	127	4	200
137	822	575	251	91.8	617	192	151	199	181	184	155	218	178	208	137	4	215
152	912	638	278	102	684	213	167	220	201	204	172	242	198	231	152	5	245

January 15

Kenter Anchor Shackle



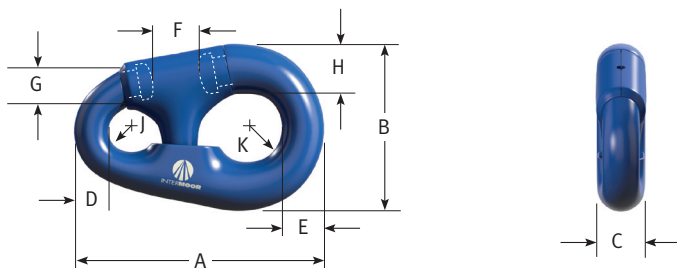
Kenter Anchor Shackle



Common Link mm	A	B	C	D	E	F	G	H	J	L	M
70	370	538	368	99	70	100	103	105	113	145	122
76	610	615	410	115	85	100	115	105	126	177	131
84	465	690	475	130	92	118	138	126	161	226	137
95	500	735	505	137	99	138	140	135	163	244	147

January 15





Type 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 kg
4	32-40	298	206	59	40	48	83	40x44	56	26	43	13
5	42-51	378	260	76	51	64	100	51x60	74	32	52	27
6	52-60	454	313	92	60	76	121	62x73	88	37	64	49
7	62-79	562	376	117	79	95	149	85x79	111	48	76	94
8	81-92	654	419	133	92	124	149	111x102	130x133	54	79	149
9	94-95	692	435	146	98	130	159	124x137	141	57	83	236
10	97-102	889	571	190	121	165	190	130	181	73	108	386
11	103-108	940	610	203	127	175	203	156	200	76	111	418

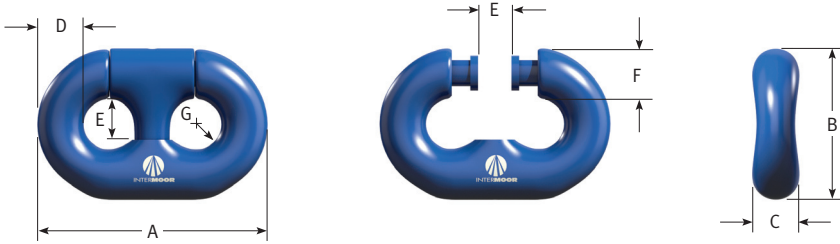
January 15



C-Type Connector



INTERMOOR



Chain Size mm	A	B	C	D	E	F	G	Weight kg
30 - 32	190.5	127	44	32	35	39	21	5
33 - 35	210	140	49	35	39	42	23	6
36 - 38	229	152	53	38	43	46	25	8
40 - 42	248	165	57	41	50	50	27	10
43 - 44	267	190	62	44	51	56	30	13
46 - 48	286	184	64	48	55	60	31	15
50 - 51	305	197	64	51	59	64	33	17
52 - 54	324	210	67	54	64	67	36	20
56 - 58	343	221	71	57	67	71	38	25
59 - 60	362	234	78	60	70	75	40	28
62 - 64	381	246	79	64	73	78	42	32
66 - 67	400	246	83	67	78	79	44	37
68 - 70	419	275	92	73	83	90	46	46
71 - 73	438	283	94	73	85	93	48	49
74 - 76	457	295	95	76	90	94	50	55
78 - 79	476	308	102	79	92	96	52	63
81 - 83	495	320	103	83	92	103	55	73
84 - 86	514	332	107	86	100	107	57	81
87 - 89	537	350	116	92	105	114	59	94
90 - 92	552	356	119	92	106	116	61	98
94 - 95	571	368	122	95	114	119	62	116
97 - 98	590	381	127	98	117	121	67	123
100 - 102	607	394	132	102	119	122	68	130

January 15

Inter-M® H-Link Chain Connector (LTM)



Inter-M[®] H-Link Chain Connector (LTM)

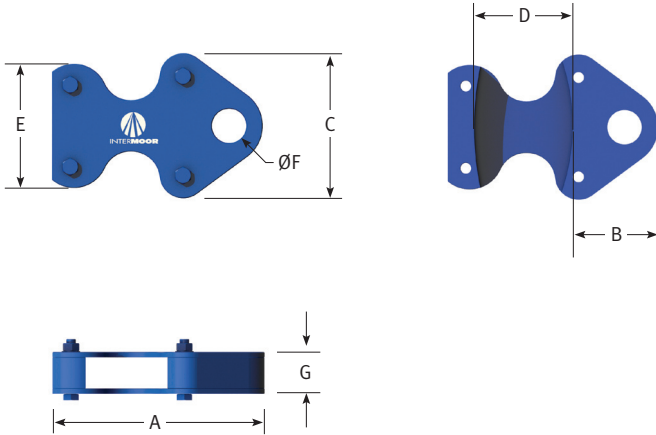


*Product range available from
76 mm to 210 mm.*

Inter-M[®] H-Link Chain Connectors are also available for both Wire to Chain and Fibre to Chain options.

NOTE *Specification sheets are available on request.*





Chain mm	SWL	PL	A	B	C	D	E	F	G
76	25Te	50Te	597	246	408	276	348	96	115
84	30Te	60Te	660	272	450	305	385	106	130

NOTE Other sizes are available. Specification sheet is available on request.

January 15

4

SHACKLES



Safety Bow Shackle (up to 85Te)



Safety Bow Shackle (120Te and over)



Sling Saver Shackle



Heavy Duty Double Nut Shackle



Round Pin End Joining Shackle



D-Type Joining Shackle



D-Type Joining Shackle (LTM)



Anchor Shackle



Anchor Shackle (LTM)



Double Pin Connector Shackle (Snotter)

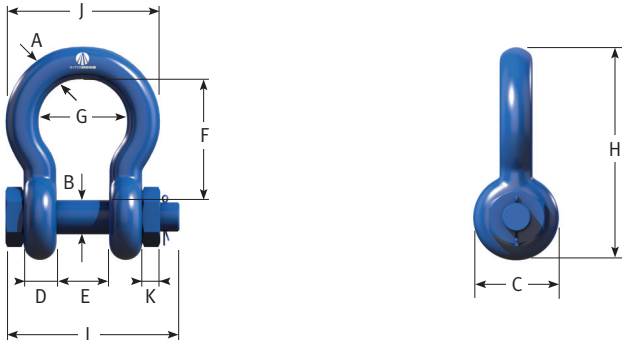




Safety Bow Shackle (up to 85Te)



Safety Bow Shackle (up to 85Te)



working load limit tons	diameter bow A mm	diameter pin B mm	diameter eye C mm	width D mm	width inside E mm	length inside F mm	width bow G mm	length H mm	length bolt I mm	width bow J mm	thickness nut K mm	weight each kg
0.5	7	8	17	7	12	29	20	54	43	37	4	0.06
0.75	9	10	21	9	13.5	32	22	61	51	42	5	0.11
1	10	11	23	10	17	36.5	26	71	61	49	8	0.16
1.5	11	13	26	11	19	43	29	80	68	54	11	0.22
2	13.5	16	34	13.5	22	51	32	91	83	63	13	0.42
3.25	16	19	40	16	27	64	43	114	99	79	17	0.74
4.75	19	22	47	19	31	76	51	136	115	94	20	1.18
6.5	22	25	53	22	36	83	58	157	131	107	23	1.77
8.5	25	28	60	25	43	95	68	176	151	124	25	2.58
9.5	28	32	67	28	47	108	75	197	167	137	28	3.66
12	32	35	74	32	51	115	83	218	179	154	31	4.91
13.5	35	38	80	35	57	133	92	240	198	170	34	6.54
17	38	42	89	38	60	146	99	262	203	183	19	8.19
25	45	50	104	45	74	178	126	314	244	226	24	14.22
35	50	57	119	50	83	197	138	358	270	250	27	19.85
42.5	57	65	134	57	95	222	160	414	302	287	30	28.33
55	65	70	145	65	105	260	180	463	330	329	33	39.59
85	75	83	163	75	127	329	190	556	376	355	40	62

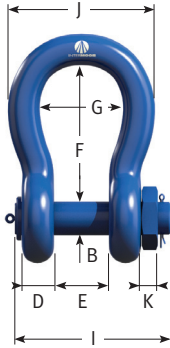
NOTE Other sizes are available. Specification sheet is available on request.

January 15

Safety Bow Shackle (120Te and over)



Safety Bow Shackle (120Te and over)



working load limit tons	diameter bow A mm	diameter pin B mm	diameter eye C mm	width eye D mm	width inside E mm	length inside F mm	width bow G mm	length H mm	length bolt I mm	width bow J mm	thickness nut K mm	weight each kg
120	95	95	215	89	144	381	238	667	440	416	50	110
150	105	108	245	100	165	400	275	702	490	485	60	160
200	120	130	288	110	175	500	290	854	520	530	60	235
250	130	140	308	115	200	540	305	921	560	565	65	285
300	140	150	335	120	200	600	305	1018	575	585	70	340
400	170	175	387	160	225	650	325	1137	690	665	70	560
500	180	185	410	160	250	700	350	1213	710	710	70	685
600	200	205	458	185	275	700	375	1267	810	775	70	880
700	210	215	468	200	300	700	400	1287	850	820	70	980
800	210	220	478	200	300	700	400	1294	870	820	70	1100
900	220	230	500	210	320	700	420	1320	920	860	70	1280
1000	240	240	530	210	340	700	420	1360	940	900	70	1460
1250	260	270	600	225	360	700	450	1430	1020	970	70	1990
1500	280	290	640	225	360	700	450	1480	1060	1010	70	2400

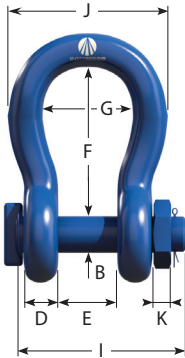
NOTE Other sizes are available. Specification sheet is available on request.

January 15

Sling Saver Shackle



Sling Saver Shackle



Working Load limit tons	Diameter Bow A mm	Diameter Pin B mm	Diameter Eye C mm	Width Eye D mm	Width Inside E mm	Length Inside F mm	Width Bow G mm	Length H mm	Width I mm	Width J mm	Thickness Nut K mm	Bearing Surface L mm	Weight Each kg
55	60	57	115	55	95	250	160	396	304	270	45	100	50
75	70	70	140	70	105	290	186	467	359	345	54	120	67
125	85	80	155	85	130	365	220	569	428	410	64	150	110
150	94	95	180	89	140	390	250	627	441	455	50	170	160
200	110	105	200	100	150	480	276	744	474	508	50	205	220
250	126	120	228	110	170	540	300	842	528	600	60	240	320
300	135	134	245	122	185	600	350	926	594	620	70	265	350
400	160	160	295	145	220	575	370	964	686	715	80	320	635
500	170	180	330	160	250	680	450	1107	763	810	90	340	803
600	190	200	350	170	275	740	490	1207	828	913	100	370	980
700	200	215	392	190	300	750	540	1257	878	993	100	400	1260
800	218	230	420	200	325	850	554	1395	959	986	110	420	1430
900	242	255	466	220	350	850	584	1454	1040	1050	120	440	1650
1000	260	270	490	240	380	855	614	1497	1116	1176	120	460	2120
1250	285	300	510	260	430	930	650	1620	1193	1275	150	530	2400
1500	295	320	550	280	460	950	680	1710	1278	1350	160	560	2980

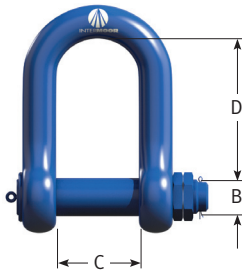
NOTE Other sizes are available. Specification sheet is available on request.

January 15

Heavy Duty Double Nut Shackle



Heavy Duty Double Nut Shackle



SWL Tonnes	Thimble Size Inch	A mm	B mm	C mm	D mm	E mm	Weight Kgs
60	12 - 13"	65	76	175	350	165	65
85	14 - 15"	80	90	220	390	178	87
110	16 - 18"	90	102	254	430	210	146
130	19 - 21"	100	114	280	480	235	194
175	22 - 23"	125	133	300	600	265	354
225	24" - >	130	146	333	720	305	410

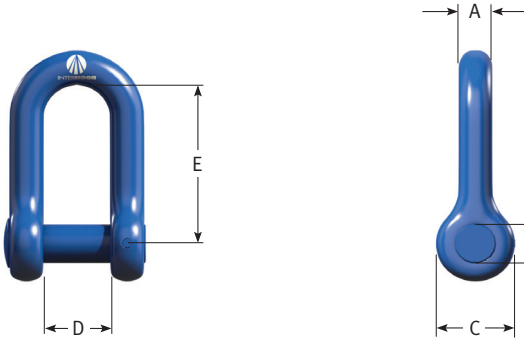
NOTE Other sizes are available. Specification sheet is available on request.

January 15

Round Pin End Joining Shackle



Round Pin End Joining Shackle



Chain (mm)	A	B	C	D	E
64	77	90	192	90	378
76	91	106	228	106	448
84	101	118	252	118	496
92	110	129	276	129	543
102	122	143	306	143	602
108	130	151	324	151	637
114	137	160	342	160	673

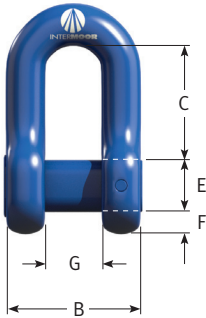
NOTE Other sizes are available. Specification sheet is available on request.

January 15

D-Type Joining Shackle



D-Type Joining Shackle



Chain (mm)	A	B	C	D	E	F	G	H	I
64	454	256	218	83	102	51	90	179	77
76	540	304	258	99	122	61	106	213	91
84	596	336	286	109	134	67	118	235	101
92	653	368	313	120	147	74	129	258	110
102	724	408	347	133	163	82	143	286	122
108	767	432	367	140	173	86	151	302	130
114	809	456	388	148	182	91	160	319	137

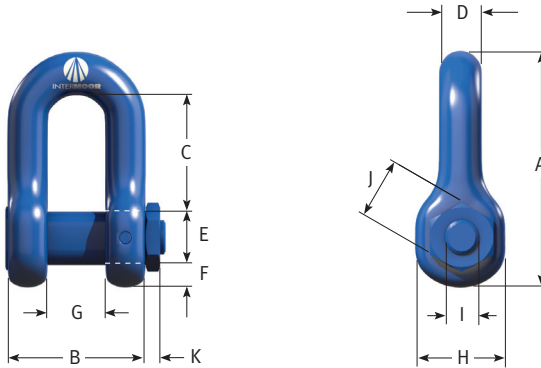
NOTE Other sizes are available. Specification sheet is available on request.

January 15

D-Type Joining Shackle (LTM)



D-Type Joining Shackle (LTM)

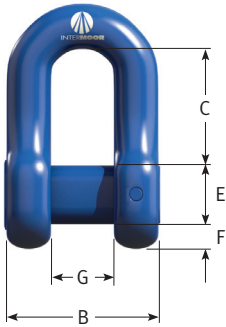


Chain (mm)	A	B	C	D	E	F	G	H	I	J	K
64	454	256	218	83	102	51	90	179	77	141	32
76	540	304	258	99	122	61	106	213	91	167	38
84	596	336	286	109	134	67	118	235	101	185	42
92	653	368	313	120	147	74	129	258	110	202	46
102	724	408	347	133	163	82	143	286	122	224	51
108	767	432	367	140	173	86	151	302	130	238	54
114	809	456	388	148	182	91	160	319	137	251	57

NOTE Other sizes are available. Specification sheet is available on request.

January 15





Chain (mm)	A	B	C	D	E	F	G	H	I
64	525	320	256	90	122	58	141	192	83
76	623	380	304	106	144	68	167	228	99
84	689	420	336	118	160	76	185	252	109
92	754	460	368	129	175	83	202	276	120
102	836	510	408	143	194	92	224	306	133
108	886	540	432	151	205	97	238	324	140
114	935	570	456	160	217	103	251	342	148

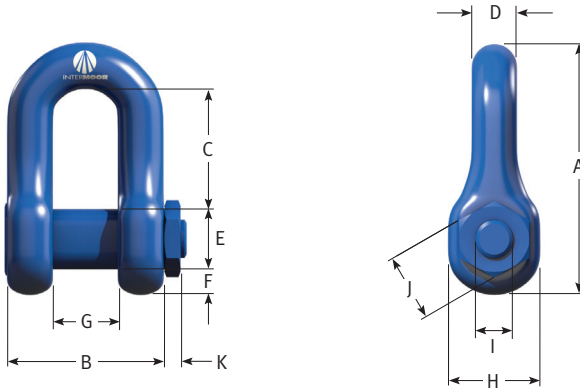
NOTE Other sizes are available. Specification sheet is available on request.

January 15

Anchor Shackle (LTM)



Anchor Shackle (LTM)

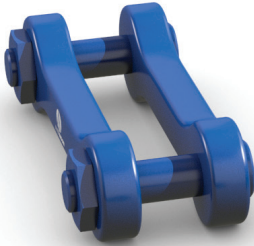


Chain (mm)	A	B	C	D	E	F	G	H	I	J	K
64	525	320	256	90	122	58	141	192	83	160	35
76	623	380	304	106	144	68	167	228	99	190	42
84	689	420	336	118	160	76	185	252	109	210	46
92	754	460	368	129	175	83	202	276	120	230	51
102	836	510	408	143	194	92	224	306	133	255	56
108	886	540	432	151	205	97	238	324	140	270	59
114	935	570	456	160	217	103	251	342	148	285	63

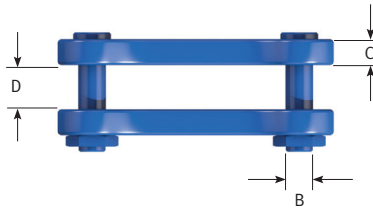
NOTE Other sizes are available. Specification sheet is available on request.

January 15

Double Pin Connector
Shackle (Snotter)



Double Pin Connector Shackle (Snotter)



SWL tonnes	A mm	B mm	C mm	D mm
100	800	90	100	100

NOTE Sizes shown to suit 76mm chain, other sizes are available. Specification sheet is available on request.

January 15

5

SWIVELS



Inter-M® Swivel



GN Swivel



Jaw Jaw Swivel

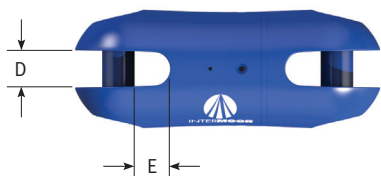
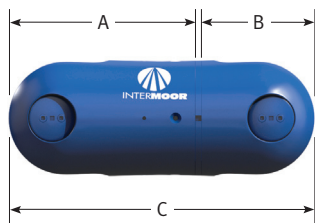


Bow Eye Swivel









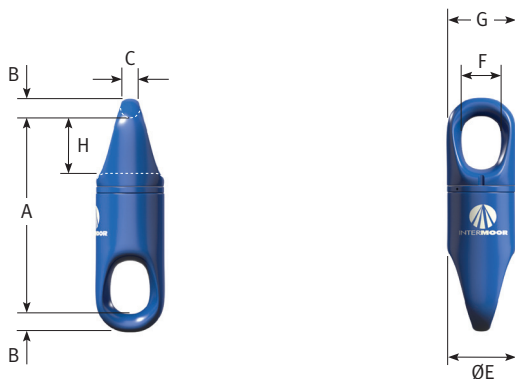
76/84 mm

A mm	B mm	C mm	D mm	E mm	PL kN	MBL Te	Unit Weight kg
560	344	922	102	93	5682	800	370

NOTE Other sizes are available. Specification sheet is available on request.

January 15



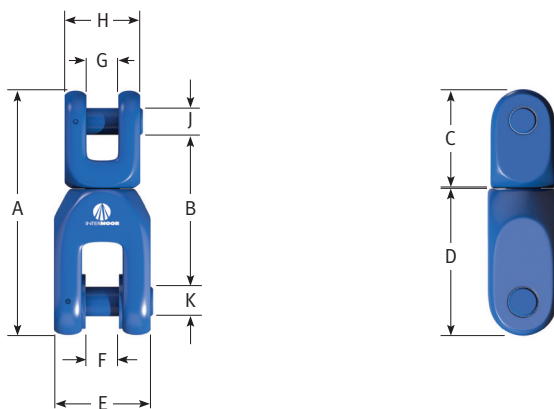


Size mm	MBL Te	PL Te	A mm	B mm	C mm	E mm	F mm	G mm	H mm	Weight kg
52	250	100	610	55	50	200	115	200	165	130
58	300	120	700	65	57	225	135	230	195	152
64	400	160	710	75	65	250	150	270	205	180
76	600	240	805	85	75	300	175	324	240	295
89	800	320	945	105	95	330	205	360	285	412
102	900	360	1065	110	100	360	225	380	320	520

NOTE Other sizes are available. Specification sheet is available on request.

January 15

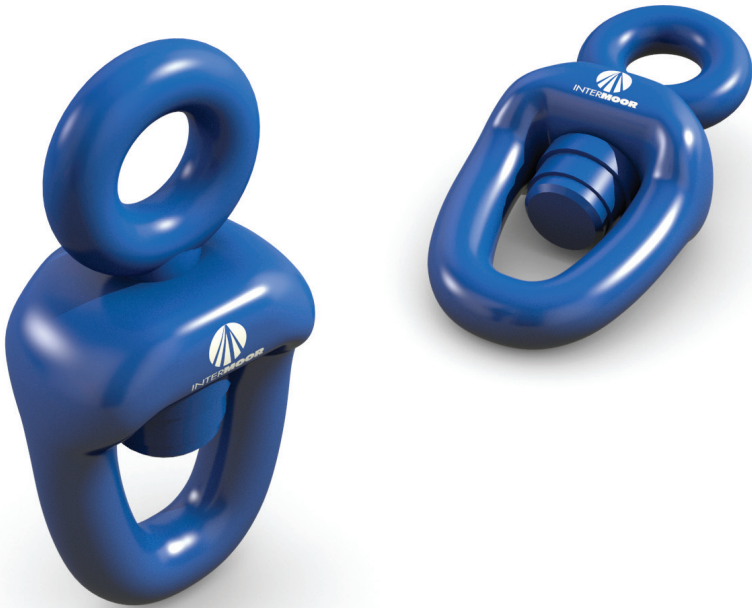




Chain mm	A	B	C	D	E	F	G	H	J	K
64	813	589	304	502	358	141	90	256	83	109
76	965	699	361	597	426	167	106	304	99	129
84	1067	773	399	659	470	185	118	336	109	143
92	1168	846	437	722	515	202	129	368	120	156
102	1295	938	485	801	571	224	143	408	133	173
120	1524	1104	570	942	672	264	168	480	156	204

NOTE Other sizes are available. Specification sheet is available on request.

January 15



Bow Eye Swivel



Chain mm	A	B	C	D	E	F	G
64	621	403	301	243	243	77	77
76	737	479	357	289	289	91	91
84	815	529	395	319	319	101	101
92	892	580	432	350	350	110	110
102	989	643	479	388	388	122	122

NOTE Other sizes are available. Specification sheet is available on request.

January 15

6

RECOVERY
EQUIPMENT

Recovery Equipment



Inter-M[®] Permanent
Chain Chaser
T1, T2 & T3 (PCC)



Inter-M[®] J Chain Chaser
T1 & T2 (JCC)



Inter-M[®] J Chain Chaser
T300 (JCC)



Inter-M[®] J-Lock Chaser



Inter-M[®] Dual
Chaser (DC)



Ring Chaser



Chain Grapnel Hook
150 & 250Te SWL



Wire Grapnel Hook
150 & 250Te SWL



Inter-M[®] Chaser Stopper

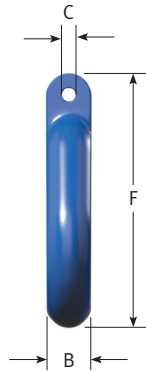
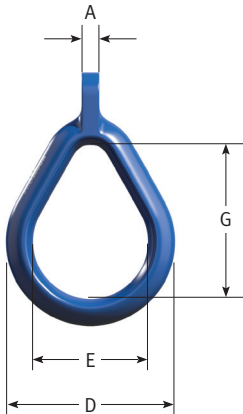




Inter-M® Permanent
Chain Chaser T1, T2 & T3 (PCC)



Inter-M[®] Permanent Chain Chaser T₁, T₂ & T₃ (PCC)



Pt No/SWL/PL	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Weight kg
IMS-PCC-T1 150Te/250Te	130	380	99	1168	762	1702	991	1450
IMS-PCC-T2 150Te/250Te	130	330	99	1245	838	1867	1130	1450
IMS-PCC-T3 150Te/250Te	130	360	99	1384	953	2210	1397	2064

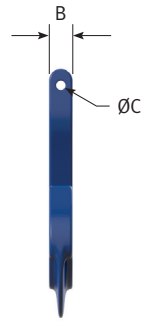
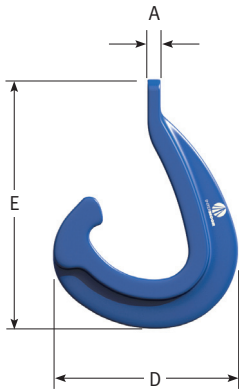
NOTE Other sizes are available. Specification sheet is available on request.

January 15

Inter-M[®] J Chain
Chaser T1 & T2 (JCC)



Inter-M[®] J Chain Chaser T₁ & T₂ (JCC)

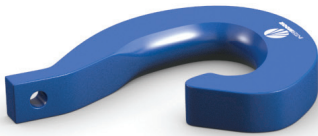


SWL	A mm	B mm	C mm	D mm	E mm	Weight kg
IMS-JCC-T1 150 Te Narrow	130	230	98	1830	2477	2000
IMS-JCC-T2 250 Te Wide Body	190	330	145	1830	2477	3000

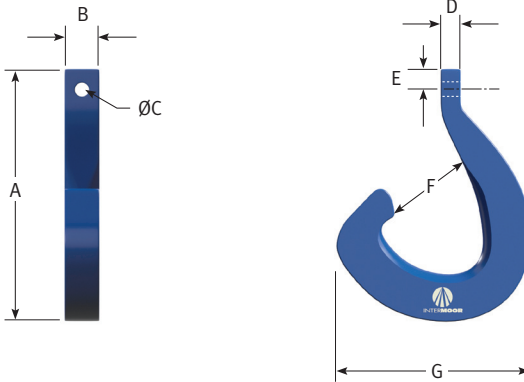
NOTE Other sizes are available. Specification sheet is available on request.

January 15

Inter-M® J Chain
Chaser T300 (JCC)



Inter-M® J Chain
Chaser T300 (JCC)



A mm	B mm	C mm	D mm	E mm	F mm	G mm	SWL Te	PL Te	Unit Weight kg
2413	320	145	190	190	792	1873	300	500	4000

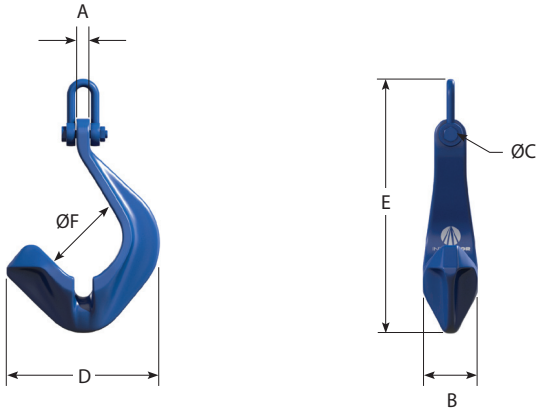
NOTE Other sizes are available. Specification sheet is available on request.

January 15

Inter-M® J-Lock Chaser



Inter-M[®] J-Lock Chaser



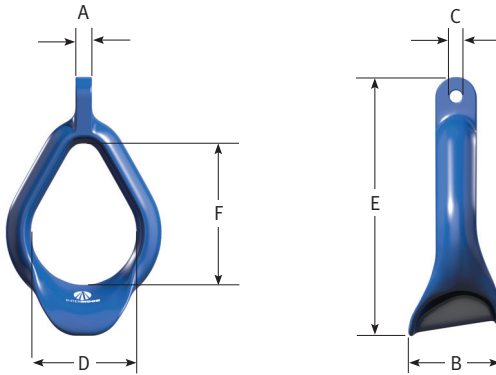
SWL	A mm	B mm	C mm	D mm	E mm	F mm	Weight kg
150Te	124	533	86	1486	2083	711	3000

NOTE Size shown 150Te SWL, other sizes are available. Specification sheet is available on request.

January 15

Inter-M® Dual Chaser (DC)



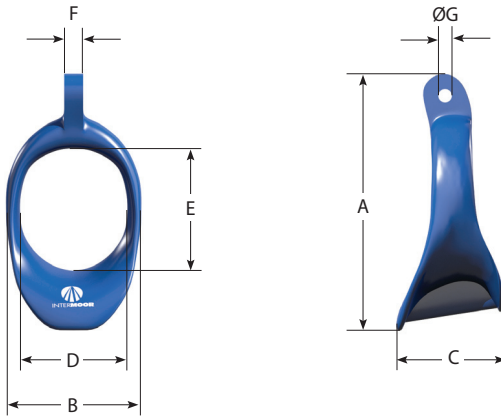
Inter-M® Dual Chaser (DC)


SWL	A mm	B mm	C mm	D mm	E mm	F mm	Weight kg
150Te	130	735	99	839	2072	1130	2200

NOTE Size shown 150Te SWL, other sizes are available. Specification sheet is available on request.

January 15





SWL Te	PL Te	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Weight kg
150	300	1700	841	720	711	801	125	100	950

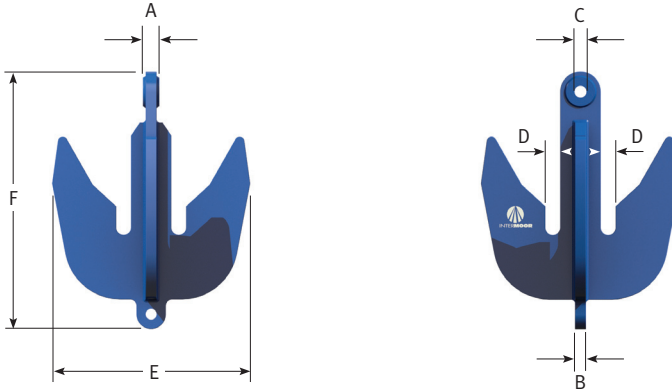
NOTE Other sizes are available. Specification sheet is available on request.

January 15

Chain Grapnel Hook
150 & 250Te SWL



Chain Grapple Hook 150 & 250Te SWL



SWL	A mm	B mm	C mm	D mm	E mm	F mm	Weight kg
150Te	114	76	98	102	1372	1778	1500
250Te	190	100	145	125/152	1670	2008	2750

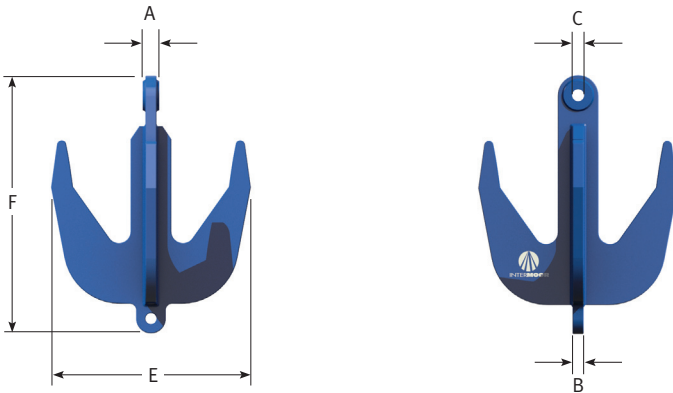
NOTE Other sizes are available. Specification sheet is available on request.

January 15

Wire Grapnel Hook
150 & 250Te SWL



Wire Grapple Hook 150 & 250Te SWL



SWL	A mm	B mm	C mm	E mm	F mm	Weight kg
150Te	114	76	98	1372	1778	1500
250Te	190	100	145	1670	2008	2750

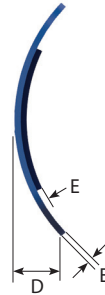
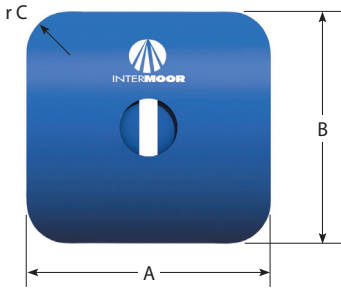
NOTE Other sizes are available. Specification sheet is available on request.

January 15

Inter-M® Chaser Stopper



Inter-M® Chaser Stopper



SWL	A mm	B mm	C mm	D mm	E mm
76mm/84mm	1200	1100	200	209	30

NOTE Size shown are typical for 76mm and 84mm chain, other sizes are available. Specification sheet is available on request.

January 15

7

BUOYANCY



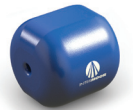
Anchor Pendant Buoyancy (APB)



Surface/Sub-Surface
Modular Buoyancy



Ancillary Buoyancy

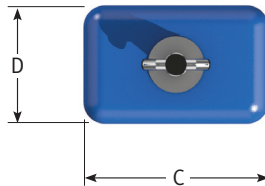




Anchor Pendant Buoyancy



Anchor Pendant Buoyancy



Uplift Te	Weight in Air kg	A mm	B mm	C mm	D mm
4	750	2800	2000	2000	1250
6	1300	3450	2300	2200	1600
8	1450	3450	2300	2500	1600
10	1650	3650	2550	2700	1750
14	2200	4000	3000	2700	2000
20	3000	4500	3200	3400	2200

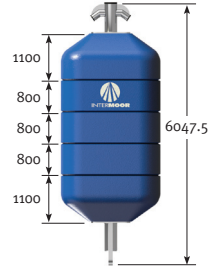
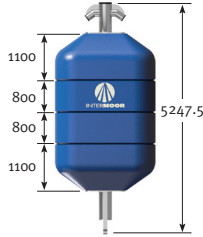
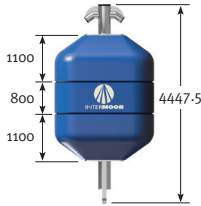
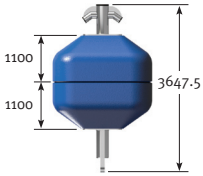
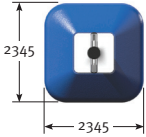
NOTE Other sizes are available. Specification sheet is available on request.

January 15

Surface/Sub-Surface
Modular Buoyancy



Surface/Sub-Surface
Modular Buoyancy

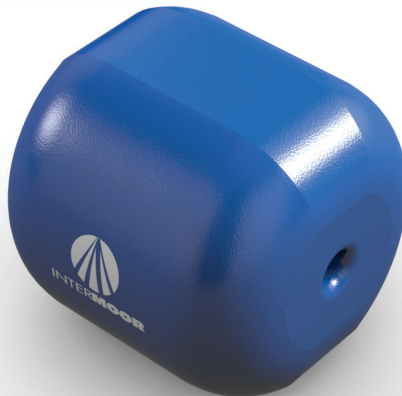
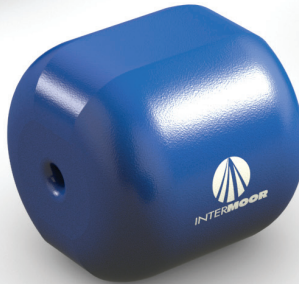


Weight in Air (kg)
Nominal Buoyancy (kg)

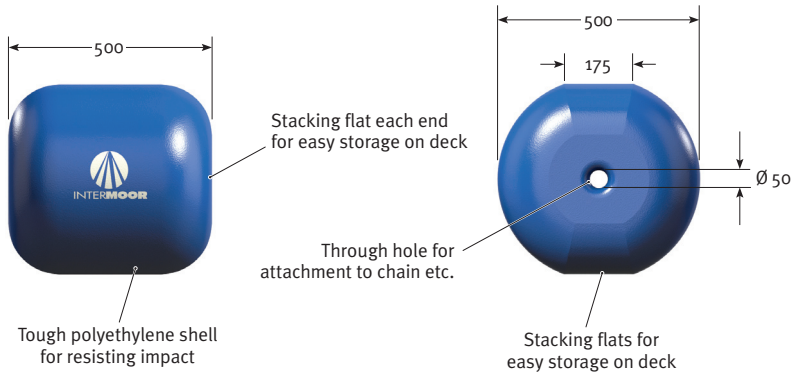
Surface	1645	7200	2179	10776	2714	14352	3249	17929
300msw	4033	4812	5693	7263	7354	9713	9014	12163
500msw	4305	4540	6094	6862	7883	9184	9672	11506
1000msw	4398	4447	6231	6725	8064	9003	9897	11280
1500msw	4767	3792	6776	5813	8785	7834	10794	9855
2000msw	5203	3356	7417	5172	9632	6987	11846	8803

NOTE Other sizes are available. Specification sheet is available on request.

January 15



Ancillary Buoyancy



Weight and Dimensions

Operating Depth msw	Net Uplift kg	Weight in Air kGG
500	50	35
1000	45	38
2000	35	45
3000	30	55

NOTE Other sizes are available. Specification sheet is available on request.

January 15



WIRE ROPE
& FITTINGS



Wire Rope



CR Socket



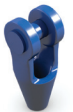
Heavy Duty Thimbles



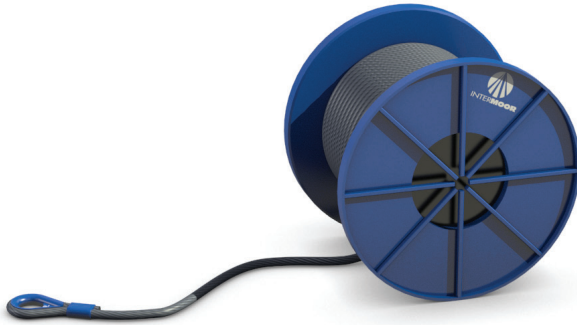
Closed Spelter Socket

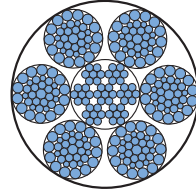


Open Spelter Socket









Nominal Rope Dia (d)	Approximate Mass (Wt)				Minimum Breaking Force (Fmin)					
	lb/ft		kg/m		EIPS		EEIPS		Super Titan	
	air	Submerged wt	air	Submerged wt	1000lb	kN	1000lb	kN	1000lb	kN
38	4.16	3.51	6.19	5.22	228	1010	250	1112		
42	4.88	4.12	7.26	6.12	264	1170	292	1300		
45	5.67	4.78	8.44	7.12	306	1360	338	1500		
48	6.50	5.48	9.67	8.16	348	1550	384	1710		
52	7.39	6.23	11.00	9.28	396	1760	434	1930	499	2222
54	8.35	7.04	12.40	10.46	442	1970	488	2170	560	2492
58	9.36	7.90	13.90	11.72	494	2200	544	2420	621	2761
60	10.40	8.77	15.50	13.07	548	2440	604	2690	689	3063
64	11.60	9.78	17.30	14.59	604	2690	664	2950	757	3365
67	12.80	10.80	19.00	16.03	658	2930	728	3240	829	3689
71	14.00	11.81	20.80	17.54	736	3270	794	3530	905	4025
74	15.30	12.91	22.80	19.23	796	3540	864	3840	985	4382
77	16.60	14.00	24.70	20.83	856	3810	936	4160	1068	4751
80	18.00	15.18	26.80	22.61	920	4090	1010	4490	1151	5120
83	19.50	16.45	29.00	24.46	984	4380	1086	4830	1239	5512
87	21.00	17.71	31.30	26.40	1074	4780	1164	5180	1327	5903
90	22.70	19.15	33.80	28.51	1144	5090	1242	5520	1415	6294
96	26.00	21.93	38.70	32.64	1290	5740	1410	6270	1580	7029
103	29.60	24.97	44.00	37.11	1466	6520	1586	7050	1778	7908
108	33.40	28.17	49.70	41.92	1598	7100			2008	8928
115	37.40	31.55	55.70	46.98	1777	7900			2214	9845

NOTE Other sizes are available. Specification sheet is available on request.

January 15





Type No	Wire dia	SWL Te	MBL Te	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Weight kgs
512	31-36	28	140	140	85	38	39	75	124	35	7.2
517	38-42	32	160	160	110	42	44	92	130	38	11
519	43-48	40	200	188	128	50	51	110	180	45	18
522	49-54	50	250	215	125	55	57	115	200	50	25
524	55-60	60	300	230	145	65	63	135	230	57	35
526	61-68	80	400	250	160	75	73	160	265	65	51
527	69-75	100	500	280	175	80	79	170	278	70	62
528	76-80	120	600	315	210	85	86	184	300	75	75
529	81-86	140	700	340	205	100	92	204	320	90	93
530	87-93	160	800	360	220	105	99	215	340	95	110
531	94-102	180	900	380	240	110	108	234	376	100	141
533	108-115	200	1000	450	260	125	120	252	400	110	186
540	122-130	250	1250	517	293	140	140	275	460	125	317

NOTE Other sizes are available. Specification sheet is available on request.

January 15

Heavy Duty Thimbles



Heavy Duty Thimbles



A inch	J mm	K mm	L mm	M mm	N mm	X mm	Weight kgs
4"	75	50	50	17	5	22	0.4
4 1/2"	85	50	53	19	5	25	0.5
5"	100	60	60	21	5	29	0.8
5 1/2"	110	60	60	21	5	33	0.9
6"	115	70	70	25	10	34	1
7"	135	75	75	80	10	38	1.7
8"	155	80	80	100	10	44	2.5
9"	175	110	110	115	10	49	4
10"	190	120	120	41	15	52	4.5
11"	210	120	130	46	15	60	7
12"	225	140	140	52	15	65	8.3
14"	240	150	150	56	20	68	12.5
17"	290	185	180	70	20	82	19.5
19"	320	225	220	81	20	119	29
22"	375	280	240	92	20	127	35
24"	410	280	250	105	25	145	42
26"	450	280	280	130	30	155	58

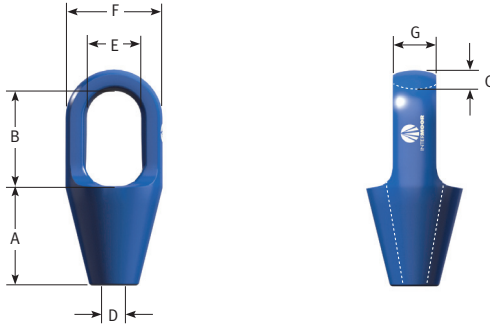
NOTE Other sizes are available. Specification sheet is available on request.

January 15

Closed Spelter Socket



Closed Spelter Socket



Type No	Wire dia mm	MBL Te	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Weight kgs
290	6-7	3	51	46	11	8	20	36	13	0.3
292	8-10	6	51	52	14	11	24	43	16	0.4
294	11-13	12	64	59	18	14	29	51	22	0.8
296	14-16	24	75	65	24	18	35	67	25	1.4
298	18-19	32	89	78	27	21	41	76	32	2.1
201	20-22	45	101	90	33	24	47	92	38	4
204	24-27	70	114	103	36	28	57	104	44	6
207	27-30	100	127	116	39	32	63	114	51	7
212	31-36	125	139	130	43	38	70	127	57	11
215	37-39	150	152	155	51	41	79	136	63	13
217	40-42	200	165	171	54	44	82	146	70	17
219	43-48	260	190	198	55	51	89	171	76	24
222	49-54	280	216	224	62	57	96	193	82	37
224	55-60	360	228	247	73	63	108	216	92	56
226	61-68	450	248	270	79	73	140	241	102	65
227	69-75	480	279	286	76	79	159	273	124	93
228	76-80	520	305	298	83	86	171	292	133	110
229	81-86	600	330	311	102	92	184	311	146	142
230	87-93	700	356	330	102	99	197	330	159	170
231	94-102	875	381	356	108	108	216	362	178	225
233	108-115	1100	450	425	120	125	235	405	190	340
240	122-130	1250	500	465	120	138	260	515	205	555
250	140-155	1400	580	550	150	160	300	550	225	850
260	158-167	1600	675	600	175	175	325	600	300	1050

NOTE Other sizes are available. Specification sheet is available on request.

January 15

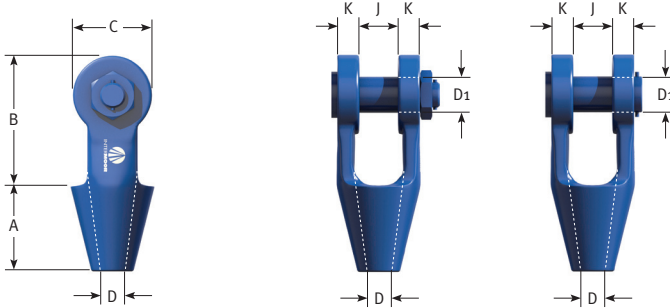
Open Spelter Socket



INTERMOOR



Open Spelter Socket



Type No	Wire dia	MBL Te	A mm	B mm	C mm	D mm	D ₁ mm	J mm	K mm	Weight kgs
192	6-7	3	52	40	34	8	17	17	8	0.4
194	8-10	6	58	45	40	11	21	20	11	0.6
196	11-13	12	64	51	49	14	25	25	16	1.3
198	14-16	247	76	64	57	18	31	32	18	2
100	18-19	32	89	76	80	21	35	38	16	4
104	20-22	45	101	89	90	24	41	44	19	5
108	23-26	70	114	101	120	28	51	51	22	7
111	27-30	100	127	114	130	32	57	57	25	12
115	31-36	125	139	127	144	38	63	63	28	16
118	37-39	150	152	162	160	41	70	76	30	24
120	40-42	200	165	165	176	44	76	76	33	27
125	43-48	260	190	178	200	51	89	89	39	38
128	49-54	280	216	228	216	57	95	101	46	59
130	55-60	360	228	250	236	63	108	113	53	87
132	61-68	450	248	273	264	73	121	127	60	130
135	69-75	480	279	279	276	79	127	133	73	157
138	76-80	520	305	286	284	86	133	146	76	192
140	81-86	600	330	298	296	92	140	159	79	243
142	87-93	700	356	318	340	99	152	171	83	287
144	94-102	875	381	343	362	108	178	191	89	370
146	108-115	1100	460	480	440	125	190	208	101	447
150	122-130	1250	500	500	560	138	250	210	120	750
160	140-155	1400	580	500	600	160	275	230	140	880
170	158-167	1600	675	600	650	175	290	310	175	1040

NOTE Other sizes are available. Specification sheet is available on request.

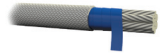
January 15

9

FIBRE ROPE
& FITTINGS



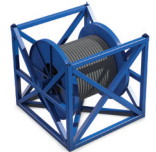
Fibre Rope



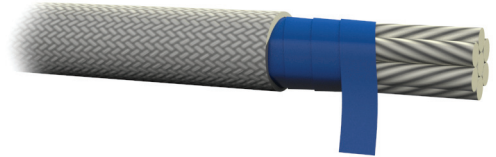
Fibre Rope Thimble and Shackle



Rope Stands





**STRENGTH TABLE**

Total weight is in air: conform ISO (@1-2% MBL).

Minimum Breaking Load is spliced condition.

Submerged weight is in seawater ($\rho = 1,05 \text{ kg/l}$) conforms to PetroBras spec (@20% MBL).

Dia mm	tf	MBL kN	Total Weight [kg/m]		Submerged Weight		Stiffness [kN]		
			@2% MBL	@20% MBL	@2% MBL	@20% MBL	EA ¹	EA ²	EA ³
113	380	3723	8.80	8.62	2.11	2.06	7.19 E+04	8.43 E+04	1.10 E+05
117	414	4061	9.49	9.30	2.27	2.22	7.84 E+04	9.20 E+04	1.20 E+05
126	483	4738	10.86	10.63	2.60	2.54	9.15 E+04	1.07 E+05	1.40 E+05
130	518	5077	11.54	11.30	2.76	2.70	9.80 E+04	1.15 E+05	1.50 E+05
133	552	5415	12.21	11.96	2.92	2.86	1.05 E+05	1.23 E+05	1.60 E+05
137	587	5754	12.88	12.62	3.08	3.02	1.11 E+05	1.30 E+05	1.70 E+05
141	621	6092	13.56	13.27	3.24	3.17	1.18 E+05	1.38 E+05	1.80 E+05
144	656	6430	14.22	13.92	3.40	3.33	1.24 E+05	1.46 E+05	1.90 E+05
147	690	6769	14.89	14.58	3.56	3.49	1.31 E+05	1.53 E+05	2.00 E+05
151	725	7107	15.55	15.23	3.72	3.64	1.37 E+05	1.61 E+05	2.10 E+05
154	759	7446	16.22	15.87	3.88	3.80	1.44 E+05	1.69 E+05	2.20 E+05
157	794	7784	16.88	16.52	4.04	3.95	1.50 E+05	1.76 E+05	2.30 E+05
160	828	8123	17.54	17.17	4.19	4.10	1.57 E+05	1.84 E+05	2.40 E+05
163	863	8461	18.20	17.81	4.35	4.26	1.63 E+05	1.92 E+05	2.49 E+05
166	897	8800	18.86	18.45	4.51	4.41	1.70 E+05	1.99 E+05	2.59 E+05
169	932	9138	19.51	19.09	4.67	4.57	1.76 E+05	2.07 E+05	2.69 E+05

NOTE Other sizes are available. Specification sheet is available on request.

January 15

Dynamic Modulus based on type approval tests for BV and PetroBras:

¹ cycling between 10-30% MBL ² cycling between 20-30% MBL ³ cycling between 40-50% MBL

STRENGTH TABLE (cont)

Total weight is in air: conform ISO (@1-2% MBL).

Minimum Breaking Load is spliced condition.

Submerged weight is in seawater ($\rho = 1,05 \text{ kg/l}$) conforms to PetroBras spec (@20% MBL).

Dia mm	tf	MBL kN	Total Weight [kg/m]		Submerged Weight		Stiffness [kN]		
			@2% MBL	@20% MBL	@2% MBL	@20% MBL	EA ¹	EA ²	EA ³
172	966	9476	20.17	19.73	4.82	4.72	1.83 E+05	2.15 E+05	2.79 E+05
175	1001	9815	20.82	20.37	4.98	4.87	1.89 E+05	2.22 E+05	2.89 E+05
177	1035	10153	21.47	21.01	5.13	5.02	1.96 E+05	2.30 E+05	2.99 E+05
180	1070	10492	22.13	21.65	5.29	5.18	2.03 E+05	2.38 E+05	3.09 E+05
183	1104	10830	22.78	22.29	5.45	5.33	2.09 E+05	2.45 E+05	3.19 E+05
185	1139	11169	23.43	22.92	5.60	5.48	2.16 E+05	2.53 E+05	3.29 E+05
188	1173	11507	24.08	23.56	5.76	5.63	2.22 E+05	2.61 E+05	3.39 E+05
190	1208	11846	24.72	24.19	5.91	5.78	2.29 E+05	2.68 E+05	3.49 E+05
193	1242	12184	25.37	24.82	6.07	5.94	2.35 E+05	2.76 E+05	3.59 E+05
195	1277	12522	26.02	25.45	6.22	6.09	2.42 E+05	2.84 E+05	3.69 E+05
202	1290	12656	27.72	27.13	6.63	6.49	2.48 E+05	2.91 E+05	3.79 E+05
211	1310	12855	28.58	27.98	6.84	6.69	2.55 E+05	2.99 E+05	3.89 E+05
214	1344	13185	29.24	28.62	6.99	6.84	2.61 E+05	3.07 E+05	3.99 E+05
216	1378	13514	29.90	29.27	7.15	7.00	2.68 E+05	3.14 E+05	4.09 E+05
219	1411	13844	30.56	29.91	7.31	7.15	2.74 E+05	3.22 E+05	4.19 E+05
221	1445	14173	31.22	30.55	7.47	7.31	2.81 E+05	3.29 E+05	4.29 E+05
223	1478	14503	31.88	31.20	7.62	7.46	2.87 E+05	3.37 E+05	4.39 E+05
226	1512	14833	32.53	31.84	7.78	7.61	2.94 E+05	3.45 E+05	4.49 E+05
233	1613	15822	34.50	33.76	8.09	7.92	3.14 E+05	3.68 E+05	4.79 E+05
239	1714	16810	36.46	35.67	8.56	8.38	3.33 E+05	3.91 E+05	5.09 E+05
246	1814	17799	38.41	37.58	9.03	8.84	3.53 E+05	4.14 E+05	5.39 E+05
252	1915	18788	40.36	39.49	9.50	9.29	3.72 E+05	4.37 E+05	5.69 E+05
258	2016	19777	42.31	41.39	9.96	9.75	3.92 E+05	4.60 E+05	5.99 E+05

NOTE Other sizes are available. Specification sheet is available on request.

January 15

Dynamic Modulus based on type approval tests for BV and PetroBras:

¹ cycling between 10-30% MBL ² cycling between 20-30% MBL ³ cycling between 40-50% MBL



CONSTRUCTION

The rope for mooring applications is a so-called parallel core construction. This construction consists of three parts, namely the core elements, sand and mud barrier and the cover (see figure).

The core elements are three-strand ropes that are oriented parallel to the longitudinal axis of the rope. The three-strand core design is used, because of its strength efficiency and spliceability. Every sub-rope is spliced back into itself to make the rope more damage resistant.

Depending on the installation procedure there may be a potential risk that the rope is dropped on the seabed. Although this in itself has no effect on the rope it is possible that sea-bed particles may diffuse into the rope. These particles will have a deteriorating effect on the strength over the life of the rope due to their abrasive nature. To avoid this a filter material is inserted between the cover and the core. The filter stops particles of 5 µm or bigger. Typically the cover will be some seven millimetres thick. For special applications alternative materials and different thickness are also possible.

MATERIAL PROPERTIES

Polyester is a particularly reliable fibre with mechanical properties quite close to those of nylon. The abrasion resistance of polyester is better than that of nylon and so is the tension-tension fatigue performance. Since both fibres are quite similar to polyester should generally be preferred. In favour of nylon is its lower density (1.14 vs 1.38) and higher energy absorption.

FEATURES

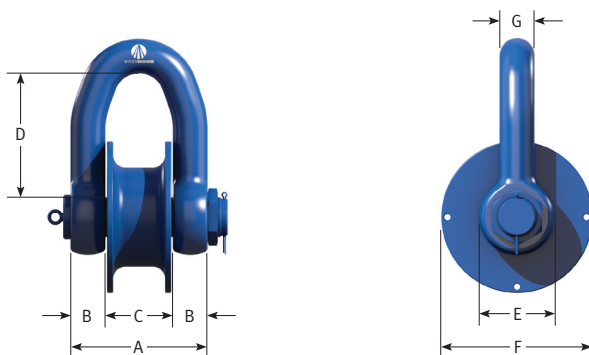
• Material	Polyester
• Construction	Load-bearing cores with a protective cover of polyester yarn
• Treatment	Marine finish
• Colour of Rope	White with marker yarns
• Approx. Spec Density	1.38 non floating
• Melting Point	251° C
• Abrasion Resistance	Excellent
• UV Resistance	Excellent, due to jacket
• Temperature Resistance	120° C max continuous
• Chemical Resistance	Good, bases and solvents may have a mild effect
• Water Uptake	±30%
• Dry & Wet Conditions	Wet strength equals dry strength
• Range of Use	Deepwater moorings.



Fibre Rope Thimble and Shackle



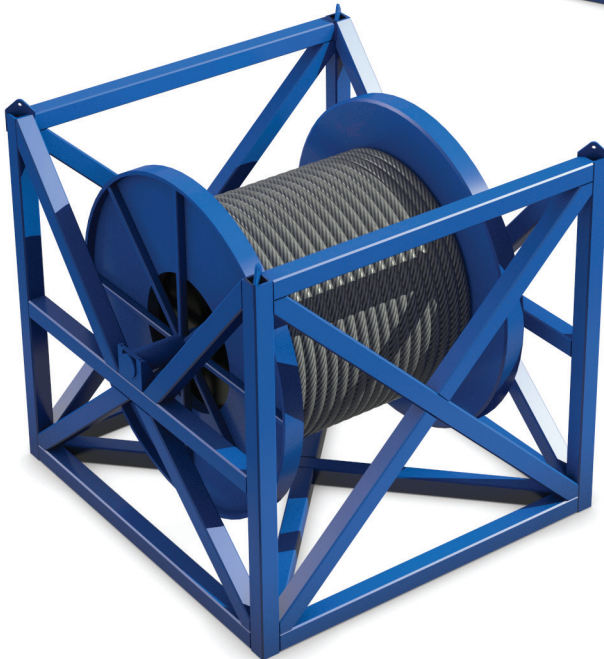
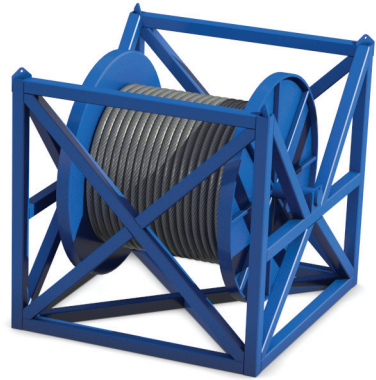
Fibre Rope Thimble and Shackle

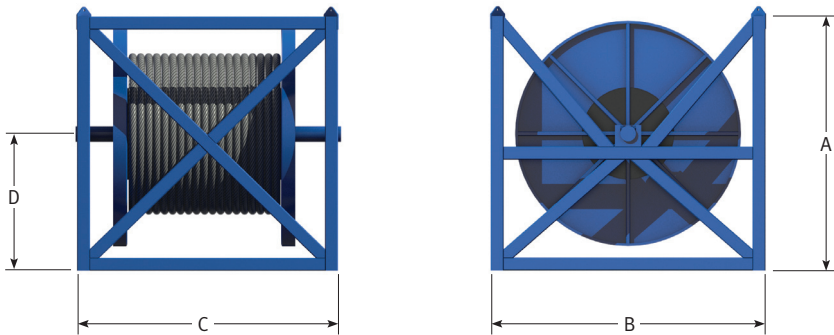


Approx Weight kg	PL kN	MBL kN	A mm	B mm	C mm	D mm	E mm	F mm	G mm
643	6602	8418	550	140	270	500	305	610	140

NOTE Other sizes are available. Specification sheet is available on request.

January 15





Capacity	A mm	B mm	C mm	D mm
Drill Line Stand (SWL 25Te)	2600	2500	2500	1300
Fibre Storage Reel (SWL 40Te)	3900	3800	3800	1900

NOTE Other sizes are available. Specification sheet is available on request.

January 15

10

SPOOLING
EQUIPMENT

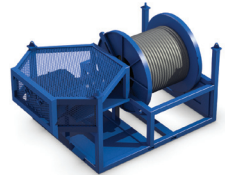
Spooling Equipment



Spooling Equipment
75 / 120 / 150 / 200 Te



Spooling Equipment
4 Te

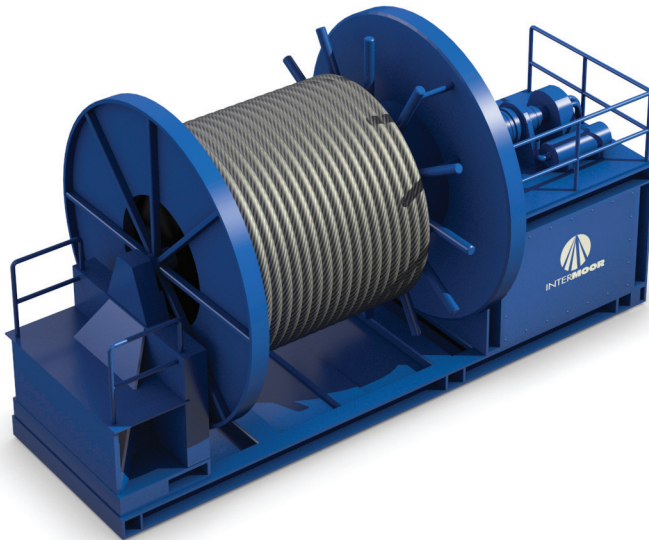




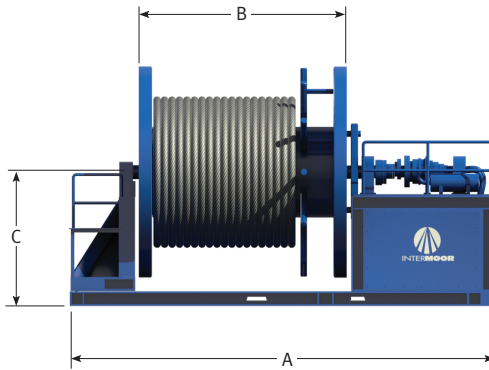
Spooling Equipment -
75 / 120 / 150 / 200 Te



INTERMOOR



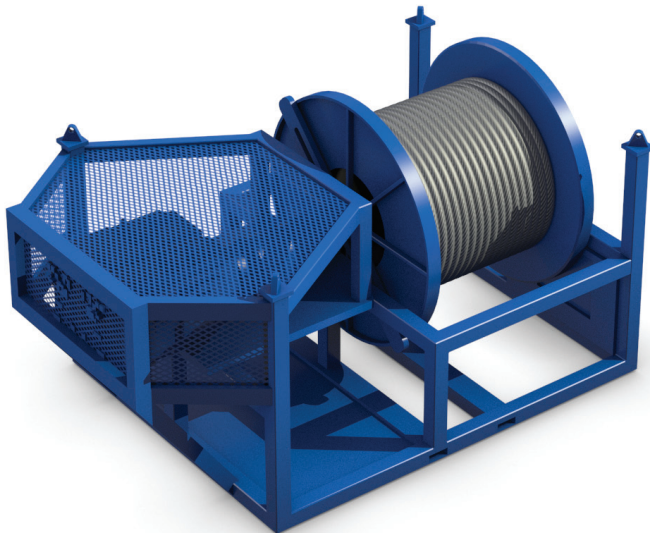
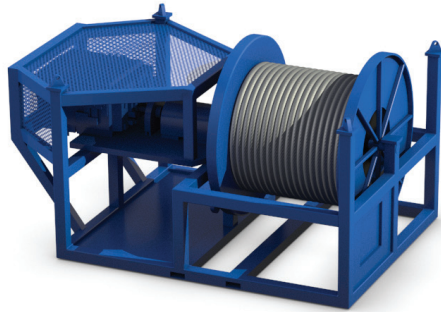
Spooling Equipment - 75 / 120 / 150 / 200 Te



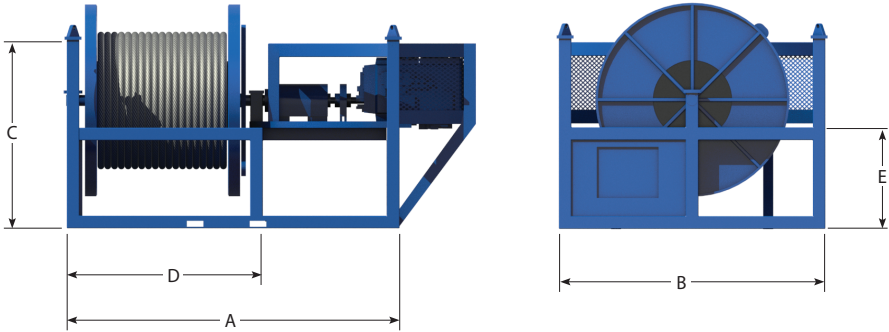
Capacity	A mm	B mm	C mm
75Te	6500	3500	2095
120Te	7025	3300	2340
150Te	8280	4873	2586
200Te	9372	5738	3691

NOTE Other sizes are available. Specification sheet is available on request.

January 15



Spooling Equipment - 4 Te



Capacity	A mm	B mm	C mm	D mm	E mm
4 Te	2650	2100	1500	1560	800

NOTE Other sizes are available. Specification sheet is available on request.

January 15

11

LIFTING
SLINGS



Examples of Single-leg Slings and Terminal Fittings







Working Load Limits for Slings

A technical table titled "Working Load Limits for Slings" with the INTERMOOR logo in the top right corner. The table contains multiple columns and rows of data, including technical specifications and load capacity information for various sling configurations. The text is small and difficult to read in detail, but it appears to be a comprehensive technical specification table.






BS EN 13414-1:2003 (E)

Table 2 - Examples of single-leg slings and terminal fittings.

FORM OF SLING LEG			
Ferrule-secured Hand Eye	Hand Spliced Soft Eye	Ferrule-secured Soft Eye with Stirrup	Ferrule-secured Soft Eye
			

BS EN 13414-1:2003 (E)

Table 2 - Examples of single-leg slings and terminal fittings.

TERMINAL FITTINGS	
At Upper End	At lower End
 <p>LINK</p>	 <p>SHACKLE</p>  <p>HOOK</p>  <p>LINK</p>

Lifting Slings BS EN 13414

BS EN 13414-1:2003 (E)

Table 2 - Examples of single-leg slings and terminal fittings.


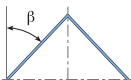



NOMINAL LENGTH OF SLING LEG
(Bearing to Bearing)





BS EN 13414-1:2003 (E)

Table 3 - Working load limits for slings using fibre cored rope of classes 6 x 19 and 6 x 36 in grade 1770 and having ferrule-secured eye terminations.

Angle to the vertical	One Leg Slung	Two Leg Slung		Three and Four Leg Slung		Endless Slung
	0°	0° - 45°	>45° - 60°	0° - 45°	>45° - 60°	0°
						
Nominal Rope dia mm	Direct	Direct	Direct	Direct	Direct	Choke Hitch
	t	t	t	t	t	Working Load Limits (WLL) t
8	0.70	0.95	0.70	1.50	1.05	1.10
9	0.85	1.20	0.85	1.80	1.30	1.40
10	1.05	1.50	1.05	2.25	1.60	1.70
11	1.30	1.80	1.30	2.70	1.95	2.12
12	1.55	2.12	1.55	3.30	2.30	2.50
13	1.80	2.50	1.80	3.85	2.70	2.90
14	2.12	3.00	2.12	4.35	3.15	3.30
16	2.70	3.85	2.70	5.65	4.20	4.35
18	3.40	4.80	3.40	7.20	5.20	5.65
20	4.35	6.00	4.35	9.00	6.50	6.90
22	5.20	7.20	5.20	11.0	7.80	8.40
24	6.30	8.80	6.30	13.5	9.40	10.0
26	7.20	10.0	7.20	15.0	11.0	11.8
28	8.40	11.8	8.40	18.0	12.5	13.5
32	11.0	15.0	11.0	23.5	16.5	18.0
36	14.0	19.0	14.0	29.0	21.0	22.5
40	17.0	23.5	17.0	36.0	26.0	28.0
44	21.0	29.0	21.0	44.0	31.5	33.5
48	25.0	35.0	25.0	52.0	37.0	40.0
52	29.0	40.0	29.0	62.0	44.0	47.0
56	33.5	47.0	33.5	71.0	50.0	54.0
60	39.0	54.0	39.0	81.0	58.0	63.0
Leg Factor K_L	1	1.4	1	2.1	1.5	1.6


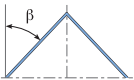



NOTE: The working load limits (WLLs) given in Table 3 are based on the assumption that soft eyes of single-leg slings are used over bearing points having diameters not less than twice the nominal diameter of the rope.

Table 3 shows working load limit values for ferrule-secured eye slings in various configurations.

January 15

BS EN 13414-1:2003 (E)

Table 4 - Working load limits for slings using steel cored rope of classes 6 x 19, 6 x 36 and 8 x 36 in grade 1770 and having ferrule-secured eye terminations.

Angle to the vertical	One Leg Sling	Two Leg Sling		Three and Four Leg Sling		Endless Sling
	0°	0° - 45°	>45° - 60°	0° - 45°	>45° - 60°	0°
						
Nominal Rope dia mm	Direct	Direct	Direct	Direct	Direct	Choke Hitch
	t	t	t	t	Working Load Limits (WLL) t	
8	0.75	1.05	0.75	1.55	1.10	1.20
9	0.950	1.30	0.95	2.00	1.40	1.50
10	1.15	1.60	1.15	2.40	1.70	1.35
11	1.40	2.00	1.40	3.00	2.12	2.25
12	1.70	2.30	1.70	3.55	2.50	2.70
13	2.00	2.80	2.00	4.15	3.00	3.15
14	2.25	3.15	2.25	4.80	3.40	3.70
16	3.00	4.20	3.00	6.30	4.50	4.80
18	3.70	5.20	3.70	7.80	5.65	6.00
20	4.60	6.50	4.60	9.80	6.90	7.35
22	5.65	7.80	5.65	11.8	8.40	9.00
24	6.70	9.40	6.70	14.0	10.0	10.6
26	7.80	11.0	7.80	16.5	11.5	12.5
28	9.00	12.5	9.00	19.0	13.5	14.5
32	11.8	16.5	11.8	25.0	17.5	19.0
36	15.0	21.0	15.0	31.5	22.5	23.5
40	18.5	26.0	18.5	39.0	28.0	30.0
44	22.5	31.5	22.5	47.0	33.5	36.0
48	26.0	37.0	26.0	55.0	40.0	42.0
52	31.5	44.0	31.5	66.0	47.0	50.0
56	36.0	50.0	36.0	76.0	54.0	58.0
60	42.0	58.0	42.0	88.0	63.0	67.0
Leg Factor K_L	1	1.4	1	2.1	1.5	1.6



NOTE: The working load limits (WLLs) given in Table 4 are based on the assumption that soft eyes of single-leg slings are used over bearing points having diameters not less than twice the nominal diameter of the rope.

Table 4 shows working load limit values for ferrule-secured eye slings in various configurations.

January 15

BS EN 13414-3:2003 (E)

Table G.1 - Working load limits for cable-laid endless slings (grommets) made of wire ropes with steel core of classes 6 x 19 and 6 x 36.

		Endless Sling (Grommet)	
Angle to the vertical	o°		o°
	Direct	Choke Hitch	
			
Nominal Rope Diameter mm	Working Load Limits (WLL)		
	t	t	
24	9.00	7.00	
27	11.5	9.00	
30	14.0	11.0	
33	17.0	13.5	
36	20.0	16.0	
39	23.5	19.0	
42	27.0	21.5	
48	35.5	28.5	
54	45.0	36.0	
60	55.5	44.5	
Calculation Factors	2	1.6	

January 15

Lifting Slings BS EN 13414

BS EN 13414-3:2003 (E)

Table G.2 - Working load limits for cable-laid endless slings (grommets) made of wire ropes with steel core of classes 6 x 36.

Endless Sling (Grommet)		
Angle to the vertical	0°	0°
	Direct	Choke Hitch



Nominal Rope Diameter mm	Working Load Limits (WLL)	
	t	t
66	69.0	55.0
72	84.0	68.0
78	102	81.0
84	121	97.0
90	144	115
96	168	135
102	196	157
108	227	182
114	262	210
120	300	240
126	344	275
132	392	314
144	505	404
Calculation Factors	2	1.6

January 15

BS EN 13414-3:2003 (E)

Table G.3 - Working load limits for cable-laid endless slings (grommets) made of wire ropes with steel core of classes 6 x 36.

Endless Sling (Grommet)		
Angle to the vertical	0°	0°
	Direct	Choke Hitch



Nominal Rope Diameter mm	Working Load Limits (WLL)	
	t	t
156	700	-
162	750	-
168	800	-
174	850	-
180	900	-
192	1000	-
216	1250	-
240	1500	-
258	1750	-
282	2000	-
300	2250	-
318	2500	-
354	3000	-
384	3500	-
414	4000	-
444	4500	-
474	5000	-
504	5500	-
528	6000	-
552	6500	-
576	7000	-
600	7500	-
624	8000	-
648	8500	-
672	9000	-
696	9500	-
Calculation Factors	2	1.6

January 15

BS EN 13414-3:2003 (E)

Table G.4 - Working load limits for cable-laid endless slings (grommets) made of wire ropes with FIBRE core of classes 6 x 19 and 6 x 36.

Endless Sling (Grommet)		
Angle to the vertical	0°	0°
	Direct	Choke Hitch


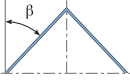





Nominal Rope Diameter mm	Working Load Limits (WLL)	
	t	t
24	8.25	6.50
27	10.5	8.5
30	11.5	9.00
33	14.0	11.0
36	16.5	13.0
39	19.5	15.5
42	22.5	18.0
48	30.0	23.5
54	37.5	30.0
60	46.0	37.0
Calculation Factors	2	1.6

January 15

BS EN 13414-1:2003 (E)

Table G.5 - Working load limits for cable-laid slings made of wire ropes with steel core of classes 6 x 19 and 6 x 36 with ferrule-secured eye terminations.



Angle to the vertical	One Leg Slings	Two Leg Slings		Three and Four Leg Slings		Endless Slings
	0°	0° up to 45°	0°	0° up to 45°	0°	0°
						
Nominal Rope dia mm	Direct	Direct	Direct	Direct	Direct	Choke Hitch
	t	t	t	t	Working Load Limits (WLL) t	
24	3.75	5.25	3.75	8.00	5.50	6.00
27	4.75	6.65	4.75	10.0	7.00	7.50
30	6.50	9.00	6.50	13.0	9.50	10.0
33	7.50	10.5	7.50	16.0	11.5	12.0
36	9.00	12.5	9.00	19.0	13.5	14.5
39	10.5	15.0	10.5	22.5	16.0	17.0
42	12.5	17.5	12.5	25.0	18.5	20.0
48	16.0	22.5	16.0	34.0	24.0	26.0
54	20.5	28.5	20.5	43.0	30.5	32.5
60	25.0	35.5	25.0	53.0	38.0	40.0
Calculation Factors	1	1.4	1	2.1	1.5	1.6

January 15

Lifting Slings BS EN 13414

BS EN 13414-3:2003 (E)



Table G.6 - Working load limits for cable-laid slings made of wire ropes with steel core of classes 6 x 19 and 6 x 36 with spliced eye terminations.

		One Leg Sling	
Angle to the vertical	0°		0°
	Direct	Choke Hitch	
			
Nominal Rope Diameter mm	Working Load Limits (WLL)		
	t	t	
24	3.35	2.65	
27	4.25	3.50	
30	5.50	4.50	
33	7.00	5.50	
36	8.00	6.50	
39	9.25	7.50	
42	11.0	9.00	
48	14.5	11.5	
54	18.0	14.5	
60	22.5	18.0	
Calculation Factors	1	0.8	

January 15

BS EN 13414-3:2003 (E)

Table G.7 - Working load limits for cable-laid slings made of wire ropes with steel core of classes 6 x 36 with spliced eye terminations.


		One Leg Sling	
Angle to the vertical	0°		0°
	Direct	Choke Hitch	
			
Nominal Rope Diameter mm	Working Load Limits (WLL)		
	t	t	
66	28.0	22.0	
72	34.0	27.0	
78	41.0	33.0	
84	49.0	39.0	
90	58.0	47.0	
96	68.0	55.0	
102	79.0	64.0	
108	92.0	74.0	
114	106	85.0	
120	122	97.0	
126	139	111	
132	158	127	
144	204	163	
Calculation Factors	1	0.8	

January 15

Lifting Slings BS EN 13414

BS EN 13414-3:2003 (E)



Table G.8a - Working load limits for cable-laid slings made of wire ropes with steel core of classes 6 x 36 with spliced eye terminations.

One Leg Sling			
Angle to the vertical	0°		0°
	Direct	Choke Hitch	
			
Nominal Rope Diameter mm	Working Load Limits (WLL)		
	t	t	
150	230	185	
156	250	200	
162	270	220	
168	290	235	
174	315	250	
180	335	270	
192	410	330	
204	460	365	
216	510	405	
228	555	445	
240	610	490	
252	665	530	
264	720	580	
276	780	625	
288	840	675	
Calculation Factors	1	0.8	

January 15

BS EN 13414-3:2003 (E)

Table G.8b - Working load limits for cable-laid slings made of wire ropes with steel core of classes 6 x 36 with spliced eye terminations.

One Leg Sling		
Angle to the vertical	0°	0°
	Direct	Choke Hitch
		
Nominal Rope Diameter mm	Working Load Limits (WLL)	
	t	t
300	900	725
312	970	775
336	1100	885
360	1250	1000
384	1400	1100
408	1550	1250
432	1700	1400
456	1880	1500
480	2050	1650
504	2250	1800
528	2450	1950
552	2600	2100
576	2800	2250
600	3000	2400
624	3200	2550
648	3400	2750
672	3650	2900
696	3850	3100
Calculation Factors	1	0.8

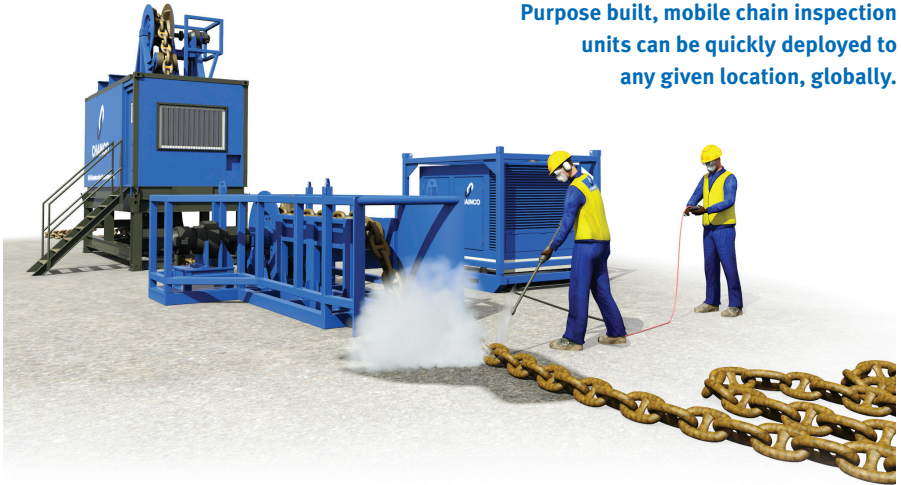
January 15



12

CHAIN
INSPECTION

Purpose built, mobile chain inspection units can be quickly deployed to any given location, globally.



ChainCo specialises in the inspection and re/certification of mooring chain and the repair or upgrade of heavy-duty offshore mooring systems and components.

ChainCo is accredited as a service supplier for the survey examination of offshore mooring chain for mobile offshore units in accordance with a DNV approved programme No. 413 that enables the company to work independently under DNV rules.

Inspection and repair units enable chain studs to be pressed and MPI inspected. This enables repaired and re-certified chain to be re-installed instead of a costly replacement. With these units comes an environmentally friendly cleaning system using HP and UHP water jets.

Mobile units are currently based in:

- Brazil
- Egypt
- Norway
- Singapore
- United Kingdom
- United States
- West Africa

Chain Inspection - ChainCo



ChainCo offers an inspection service for all offshore chain grades and sizes, under all classifications. This service is worldwide and covers a specialist area, including MODU, FPSO and offshore installations.

ChainCo operate the world's first and only mobile stud press unit. Ideal for deck work on vessels, this portable unit can be easily sent to any location in the world and is the only unit in the world that can press studs for chains up to 160mm in diameter.

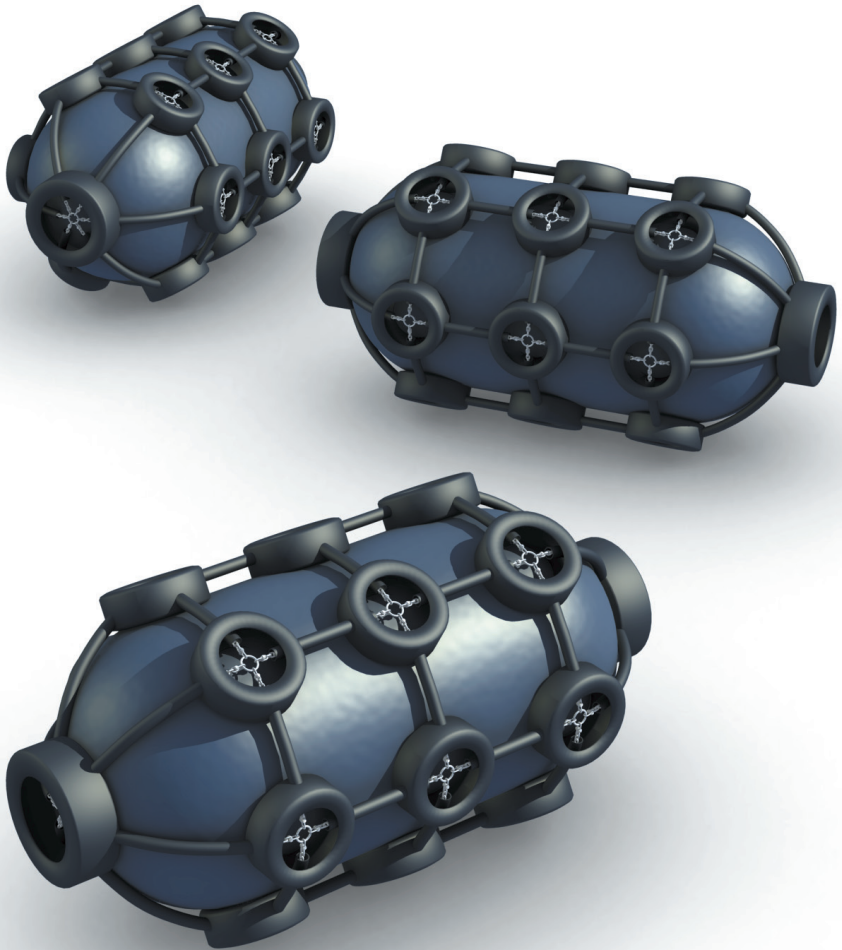
ChainCo can also offer a more detailed, forensic, chain inspection onshore. This can include nital etching of the chain links, proof/break load testing to the guidelines, ultrasonic inspection and mechanical testing.



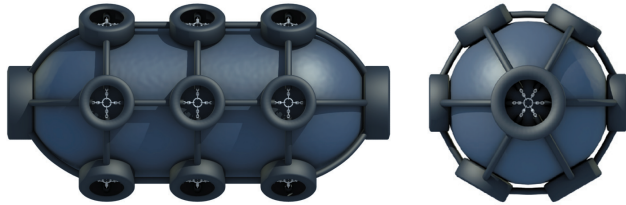
13

FENDERS

Pneumatic Fenders
(ISO 17357:2002 (E))



Pneumatic Fenders (ISO 17357:2014 (E))



Nominal Size Diameter x Length mm	Guaranteed Energy Absorption (GEA) & Reaction Force (RF)		Total Weight (kg)
	Minimum Value at Deflection 60%±5%	Tolerance 10%±	
	GEA (kJ)	RF (kN)	
300 x 600	2.9	48.1	15
500 x 1000	5.9	58.9	24
800 x 1500	16.7	129.6	232
1000 x 1500	37.3	158.1	257
1000 x 2000	51.1	227.8	329
1200 x 2000	65.8	281.8	456
1500 x 2500	110.0	405.6	640
1500 x 3000	172.8	502.8	853
1500 x 4000	159.1	608.8	1460
2000 x 3500	326.0	819.0	1540
2500 x 4000	689.4	1296.2	2300
2500 x 5500	1001.6	1903.1	3020
3000 x 5000	1080.2	2013.1	4470
3300 x 4500	1183.3	1949.3	4270
3300 x 6500	1885.4	2867.4	5385
3300 x 9000	2651.4	4291.3	6520
3300 x 10600	3108.0	5122.1	7958
4500 x 9000	4713.6	5597.4	9210
4500 x 12000	6402.6	7914.9	12800

NOTE Other sizes are available. Specification sheet is available on request.

January 15

14

MISCELLANEOUS
EQUIPMENT

Miscellaneous Equipment



Triplate



Masterlinks



Hinge Link



Pelican Hook



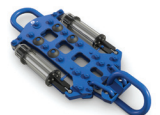
Mooring Ring



Carpenter Stopper

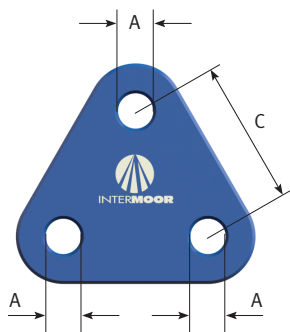


Acoustic Release Mechanism









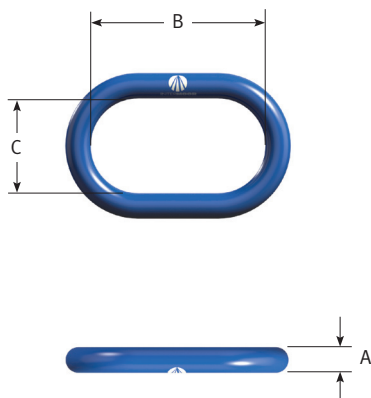
Dimensions

SWL Te	MBL Te	A mm	B mm	C mm
25	125	55	50	140
35	175	60	60	150
55	275	75	80	180
85	425	90	90	220
120	600	105	110	240
150	750	115	130	260
175	875	115	140	290
200	1000	140	150	380
250	1250	150	170	450

NOTE Other sizes are available. Specification sheet is available on request.

January 15



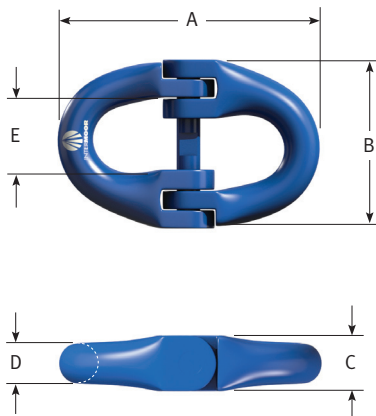


SWL Te	MBL Te	A mm	B mm	C mm	Weight kgs
5	20	22	160	90	1.5
8	32	26	180	100	2.3
10	40	32	200	110	3.9
16	64	36	260	140	6.3
26	104	45	340	180	13
36	144	51	350	190	17
47	188	57	400	200	25
58	232	63	430	230	32
84	336	72	440	250	46
105	420	80	450	250	62
131	524	90	460	300	75
157	628	100	500	300	103
250	1000	115	600	400	190
300	1200	130	895	510	205

NOTE Other sizes are available. Specification sheet is available on request.

January 15





SWL Te	PL Te	A mm	B mm	C mm	D mm	E mm	Weight kg
110	220	558	368	150	75	160	75
150	300	600	380	150	80	160	105
250	500	786	510	150	108	205	210

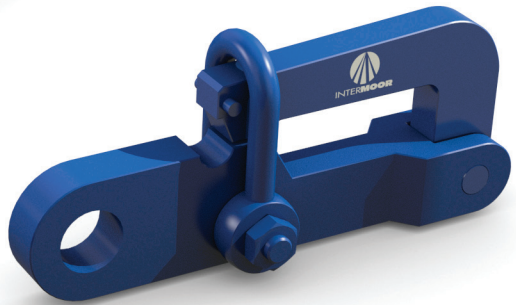
Tolerance $\pm 5\%$

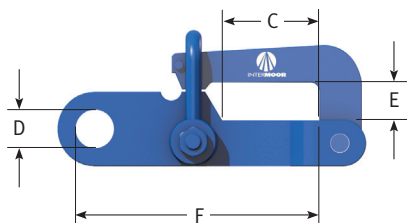
January 15

NOTE Other sizes are available. Specification sheet is available on request.



INTERMOOR





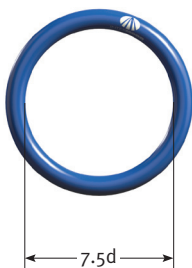
SWL Te	MBL Te	C mm	D mm	E mm	F mm	Weight Kgs
10	50	160	38	65	358	25
15	75	165	45	70	390	35
25	125	180	55	76	430	55
35	175	200	60	85	475	70
55	250	230	75	90	525	90
60	300	270	86	100	600	160
85	375	310	90	110	705	240
120	500	400	105	160	880	440
150	850	455	135	180	1050	650

NOTE Other sizes are available. Specification sheet is available on request.

January 15

Mooring Ring





Weight and Dimensions

Size mm	Weight kg
64	193
70	252
76	323
83	421
89	518
95	630
102	780

NOTE

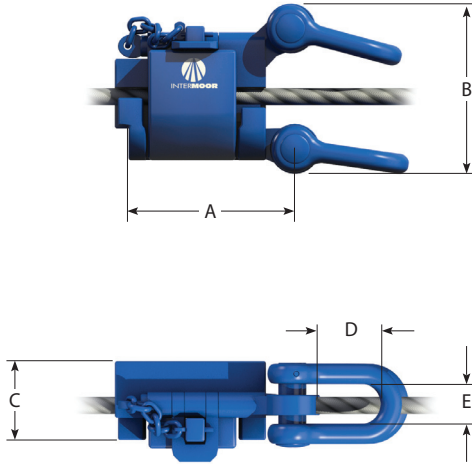
Other sizes are available.

Specification sheet is available on request.

January 15

Carpenter Stopper





Wire Dia Range		Stopper Dimensions					Stopper	Bridle	
Wedge Type B mm	Wedge Type A mm	A mm	B mm	C mm	D mm	E mm	Weight kg	Weight kg	SWL Te
8-10	11-13	85	90	41	31	16	1	1.2	2.5
14-18	19-20	149	134	67	38	22	5	2.5	5
22-24	26-28	198	184	93	55	32	15	5.9	10
30-32	35-36	264	235	121	73	38	35	19.5	17
38-40	44	313	294	147	88	48	65	29.6	25
48	52	371	333	173	114	60	100	62	35
54	56	559	498	241	167	89	300	62	40
60	64	559	498	241	167	89	300	74	55
68	72-76	559	498	241	167	89	300	96.5	75

NOTE Other sizes are available. Specification sheet is available on request.

January 15

Acoustic Release Mechanism



INTERMOOR





Heavy Duty Release Frames

In order to increase the Safe Working Load (SWL) of a standard ORT, DORT, Heavy DORT or P-DORT, Sonardyne offer a range of heavy duty release frames. The frames act as a load amplifier so that only a fraction of the mooring load passes through the acoustic release. Applications include: mooring system pre-lay, offshore construction, marine salvage, defence and oceanographic research.

Manufactured from high strength steel which is galvanised and painted, the release frames offer excellent corrosion resistance and are suitable for long term deployment. This can be up to three years if the acoustic release is fitted with a lithium battery pack. Depending on the type of acoustic release being used, the SWL of the unit can be increased up to 50 tonnes. All the frames can be easily assembled in the field and in most cases, fitted without any modification to the transponder itself. Custom frames for special applications or higher load ratings are available on special request.

Parallel releases: In critical applications where moored instrument strings and stored data is of a high value, a parallel release kit enables two ORTs or DORTs to be coupled together offering dual redundancy. In practice, only one of the two units needs to release in order for the mooring to be recovered. Using this kit can also give additional working load capabilities.

Key Features

- Safe Working Load of 15 Tonnes
- Up to 60 Tonnes Breaking Load
- Designed around proven ORT and DORT acoustic releases
- Compact size; just over 1 metre long
- Galvanically isolated from acoustic release to maximise corrosion resistance
- Industry standard lifting rings

15

GENERAL
INFORMATION



Conversion Table

A thumbnail of a conversion table with multiple columns and rows, including the INTERMOOR logo in the top right corner.

Banksman Signals



World Time Zones



Incoterms 2010

A thumbnail of a table listing Incoterms 2010 rules, with the INTERMOOR logo in the top right corner.

Lifting Guide
Common Items

A thumbnail of a table providing lifting data for common items, with the INTERMOOR logo in the top right corner.





Conversion Table

	From	To	Multiply by
Length	mile	km	1.609347
	yard	m	0.9144**
	foot	m	0.3048**
	inch	mm	25.40**
Area	square mile	km ²	2.59
	acre	m ²	4047
	acre	hectare	0.4047
	square yard	m ²	0.8361
	square foot	m ²	0.09290
	square inch	mm ²	645.2
Volume	acre foot	m ³	1 233
	cubic yard	m ³	0.7646
	cubic foot	m ³	0.02832
	cubic foot	L (1000 cm ³)	28.32
	100 board feet	m ³	0.236
	gallon	L (1000 cm ³)	3.785
Mass	lb	kg	0.4536
	kip (1000 lb)	metric ton (1000kg)	0.4536
Mass/unit length	plf	kg/m	1.488
Mass/unit area	psf	kg/m ²	4.882
Mass density	pcf	kg/m ³	16.02
Force	lb	N	4.448
	kip	kN	4.448
Force/unit length	plf	N/m	14.59
	klf	kN/m	14.59
Pressure, stress, modules of elasticity	psf	Pa	47.88
	ksf	kPa	47.88
	psi	kPa	6.895
	ksi	MPa	6.895
Bending moment, torque, moment of force	ft-lb	N.m	1.356
	ft-kip	kN.m	1.356

* 4 significant digits

**denotes exact conversion

January 15





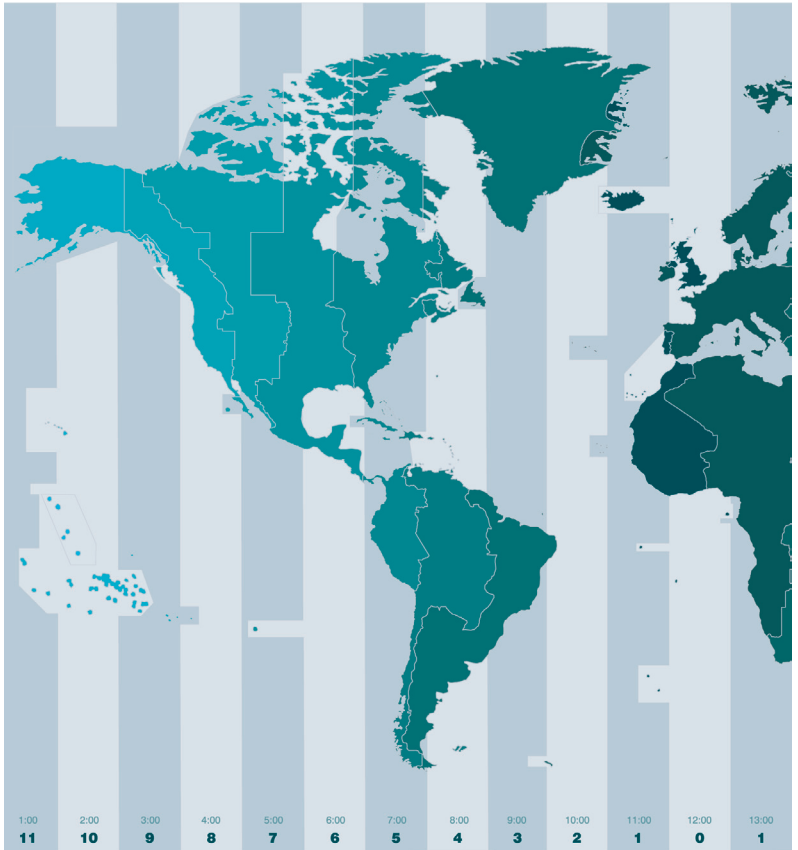
Banksman Signals

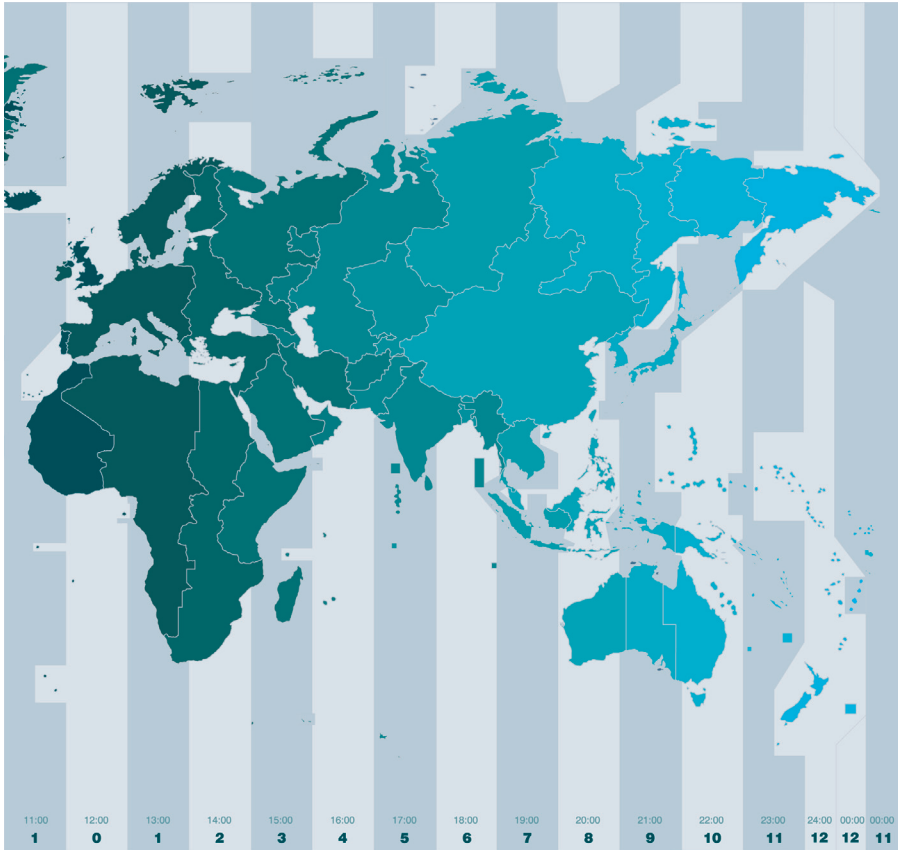
Hand signals for Crane Operations

<p>Stop</p>	<p>Emergency Stop</p>	<p>Clench and unclench fingers to signal 'take the strain' or 'inch the load'</p>
<p>Hoist</p>	<p>Lower</p>	<p>Slew in direction indicated</p>
<p>Signal with one hand, other hand on head</p> <p>Jib Up</p> <p>Jib Down</p> <p>Derricking Jib</p>		<p>Signal with one hand, other hand on head</p> <p>Extend Jib</p> <p>Retract Jib</p> <p>Telescoping Jib</p>
<p>Travel to me</p> <p>Travel from me</p> <p>Signal with both hands</p>		<p>Operations Cease</p>



World Time Zones (- GMT)





EXW	Ex Works	Carriage to be arranged by the buyer
		Risk transfer from the seller to the buyer when the goods are at the disposal of the buyer
		Cost transfer from the seller to the buyer when the goods are at the disposal of the buyer
FCA	Free Carrier	Carriage to be arranged by the buyer or by the seller on the buyer's behalf
		Risk transfer from the seller to the buyer when the goods have been delivered to the carrier at the named price
		Cost transfer from the seller to the buyer when the goods have been delivered to the carrier at the named price
FAS	Free Alongside Ship	Carriage to be arranged by the buyer
		Risk transfer from the seller to the buyer when the goods have been placed alongside the ship
		Cost transfer from the seller to the buyer when the goods have been placed alongside the ship
FOB	Free On Board	Carriage to be arranged by the buyer
		Risk transfer from the seller to the buyer when the goods pass the ship's rail
		Cost transfer from the seller to the buyer when the goods pass the ship's rail
CFR	Cost and Freight	Carriage to be arranged by the seller
		Risk transfer from the seller to the buyer when the goods pass the ship's rail
		Cost transfer at port of destination, buyer paying such cost as are not for the seller's account under the contract of carriage
CIF	Cost, Insurance & Freight	Carriage and insurance to be arranged by the seller
		Risk transfer from the seller to the buyer when the goods pass the ship's rail
		Cost transfer at port of destination, buyer paying such costs as are not for the seller's account under the contract of carriage
CPT	Carriage Paid To	Carriage to be arranged by the seller
		Risk transfer from the buyer when the goods have been delivered to the carrier
		Cost transfer at place of destination, buyer paying such costs as are not for the seller's account under the contract of carriage

CIP	Carriage & Insurance Paid	Carriage to be arranged by the seller
		Risk transfer from the seller to the buyer when the goods have been delivered to the carrier
		Cost transfer at place of destination, the buyer paying such costs as are not for the seller's account under the contract of carriage
DAT	Delivered at Terminal (named terminal at port or place of destination)	This term means that the seller covers all the costs of transport (export fees, carriage, unloading from main carrier at destination port and destination port charges) and assumes all risk until destination port or terminal
		The terminal can be a Port, Airport, or inland freight interchange
		Import duty/taxes/customs costs are to be borne by Buyer
DAP	Delivered at Place (named place of destination)	Can be used for any transport mode, or where there is more than one transport mode
		The seller is responsible for arranging carriage and for delivering the goods, ready for unloading from the arriving conveyance, at the named place
		Duties are not paid by the seller under this term (an important difference from Delivered At Terminal DAT, where the buyer is responsible for unloading)
DDP	Delivery Duty Paid	Carriage to be arranged by the seller
		Risk transfer from the seller to the buyer when the goods are placed at the disposal of the buyer
		Cost transfer from the seller to the buyer when the goods are placed at the disposal of the buyer

Item	kg				
	x 1	x 2	x 3	x 4	x 5
150te Shackle (Green Pin)	160	320	480	640	800
150te LWT Shackle	150	300	450	600	750
120te Shackle (Green Pin)	110	220	330	440	550
85te Shackle (Green Pin)	62	124	186	248	310
55te Shackle (Green Pin)	40	80	120	160	200
35te Shackle (Green Pin)	20	40	60	80	100
76mm Hinge Link	75	150	225	300	375
76mm CR-Socket	105	210	315	420	525
76mm Kenter Shackle	70	140	210	280	350
76mm Pear Link	95	190	285	380	475
76mm C-Type Connector	60	120	180	240	300
76mm D-Type Shackle	110	220	330	440	550
76mm Jaw Jaw Swivel	300	600	900	1200	1500
76mm GN Swivel	430	860	1290	1720	2150
76mm Chain Clamp	100	200	300	400	500
76mm R4 Chain per link	42	84	126	168	210
Grapnel Hook c/w shackle	1500	3000	4500	6000	7500
Inter-M [®] Permanent Chain Chaser c/w shackle	1800	3600	5400	7200	9000
Inter-M [®] Dual Chaser c/w shackle	2000	4000	6000	8000	10000
Inter-M [®] Ring Chaser c/w shackle	950	1900	2850	3800	4750
Inter-M [®] J Chain Chaser c/w shackle	2150	4300	6450	8600	10750
120Te SWL Triplate	90	180	270	360	450

NOTE: *Weights are approximate.*

If in doubt - ask











BRAZIL

InterMoor Do Brasil
 Av. das Americas, 3500 Toronto 1000 - salas 509 a 516
 Barra da Tijuca, Rio de Janeiro - RJ - 22640
 Tel: +55 21 3282 5730
 Fax: +55 21 3282 5762
 info@intermoor.com

NORWAY

IOS InterMoor AS
 Building 18, Finnestadgeilen 11
 Dusavik Base, N - 4029 Stavanger
 Tel: +47 51 83 66 60
 Fax: +47 51 83 66 66
 info@iosintermoor.no

SINGAPORE

InterMoor Pte Ltd
 25 Loyang Crescent Block 103, #06-02 TOPS Avenue 1
 Mailbox No. 5078, Singapore 508988
 Tel: +65 6546 5928
 Fax: +65 6546 1322
 info@intermoor.com

UK

InterMoor Ltd
 Tern Place House, Tern Place
 Bridge of Don, Aberdeen AB23 8JX
 Tel: +44 (0)1224 701830
 Fax: +44 (0)1224 701831
 sales.uk@intermoor.com

UNITED STATES

InterMoor Inc
 900 Threadneedle, Suite 300
 Houston TX 77079
 Tel: +1 832 399 5000
 Fax: +1 832 399 5001
 info@intermoor.com

WEST AFRICA

Luanda
 InterMoor Inc
 Rua Américo Júlio de Carvalho
 nº 182, Bairro Azul
 Luanda, Republic De Angola
 Tel: +244 222 351 679
 Fax: +244 222 353 122
 info@intermoor.com

Nigeria

Century InterMoor Ltd
 Plot 21, Prince Adelowo Adedeji St,
 Off Admiralty Way, Lekki Phase 1,
 Lagos State, Nigeria
 Tel: +1 234 1 271 9586
 Tel: +1 234 1 271 5374
 info@intermoor.com