



STRENGTH FOR STUDLESS OFFSHORE MOORING CHAIN CABLES (kN)

Chain Diameter		Grade R3		Grade R3S		Grade R4		Number of links per 27,5 mt	Weight per 27,5 mt kg
mm	inches	Proof Load kN	Breaking Load kN	Proof Load kN	Breaking Load kN	Proof Load kN	Breaking Load kN		
50	2	1.560	2.230	1.740	2.490	1.920	2.740	139	1.375
52	2 1/16	1.681	2.402	1.874	2.682	2.068	2.952	133	1.487
54	2 1/8	1.805	2.580	2.013	2.881	2.222	3.170	127	1.604
56	2 3/16	1.933	2.764	2.156	3.086	2.380	3.396	123	1.725
58	2 5/16	2.066	2.953	2.304	3.297	2.542	3.628	119	1.850
60	2 3/8	2.201	3.147	2.455	3.514	2.710	3.867	115	1.980
62	2 7/16	2.341	3.347	2.611	3.737	2.881	4.112	111	2.114
64	2 1/2	2.484	3.551	2.771	3.965	3.058	4.364	107	2.253
66	2 5/8	2.631	3.761	2.935	4.200	3.238	4.621	105	2.396
68	2 11/16	2.782	3.976	3.102	4.440	3.423	4.885	101	2.543
70	2 3/4	2.935	4.196	3.274	4.685	3.613	5.156	99	2.695
73	2 7/8	3.172	4.535	3.538	5.064	3.904	5.572	95	2.931
76	3	3.417	4.884	3.811	5.454	4.205	6.001	91	3.177
78	3 1/16	3.584	5.123	3.997	5.720	4.411	6.295	89	3.346
81	3 3/16	3.840	5.490	4.283	6.130	4.726	6.745	85	3.609
84	3 5/16	4.104	5.866	4.577	6.550	5.051	7.208	83	3.881
87	3 7/16	4.374	6.252	4.878	6.981	5.383	7.682	79	4.163
90	3 9/16	4.650	6.647	5.187	7.422	5.723	8.167	77	4.455
92	3 5/8	4.838	6.916	5.396	7.722	5.954	8.497	75	4.655
95	3 3/4	5.125	7.326	5.716	8.180	6.307	9.001	73	4.964
97	3 13/16	5.319	7.604	5.933	8.490	6.547	9.343	71	5.175
100	3 15/16	5.616	8.028	6.264	8.964	6.912	9.864	69	5.500
102	4	5.817	8.315	6.488	9.285	7.159	10.217	67	5.722
105	4 1/8	6.123	8.753	6.829	9.773	7.536	10.754	65	6.064
107	4 3/16	6.330	9.048	7.060	10.103	7.790	11.118	63	6.297
111	4 3/8	6.750	9.650	7.529	10.775	8.308	11.856	61	6.777
114	4 1/2	7.071	10.109	7.887	11.287	8.703	12.420	59	7.148
117	4 5/8	7.397	10.574	8.251	11.807	9.104	12.993	57	7.529
120	4 3/4	7.728	11.047	8.619	12.334	9.511	13.573	57	7.920
122	4 13/16	7.950	11.365	8.868	12.690	9.785	13.964	57	8.186
124	4 7/8	8.175	11.686	9.118	13.048	10.061	14.358	55	8.457
127	5	8.515	12.171	9.497	13.591	10.479	14.955	55	8.871
130	5 1/8	8.858	12.663	9.880	14.139	10.903	15.559	53	9.295
132	5 13/16	9.089	12.993	10.138	14.508	11.187	15.965	53	9.583
137	5 3/8	9.674	13.829	10.790	15.441	11.906	16.992	51	10.323