

STRENGTH FOR STUD LINK ANCHOR CHAIN CABLES

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

Note: The measurements in tables may vary between different models. Sotra Anchor & Chain AS can not be hold responsible for any deviate between tables and delivered equipment.

STRENGTH FOR STUD LINK ANCHOR CHAIN CABLES

Chain diameter		ORQ		R3		R3S		Number of links per 27.5 mtr
inches	mm	Proof Load kN	Break Load kN	Proof Load kN	Break Load kN	Proof Load kN	Break Load kN	
2 1/8	54	1620	2441	1805	2580	2083	2881	125
2 3/16	56	1735	2615	1933	2764	2231	3086	121
2 5/16	58	1854	2794	2066	2953	2383	3297	117
2 3/8	60	1976	2978	2201	3147	2540	3514	113
2 7/16	62	2101	3166	2341	3347	2701	3737	109
2 1/2	64	2230	3360	2484	3551	2867	3965	105
2 5/8	66	2361	3559	2631	3761	3036	4200	103
2 11/16	68	2496	3762	2782	3976	3209	4440	99
2 3/4	70	2634	3970	2935	4196	3387	4685	97
2 7/8	73	2847	4291	3172	4535	3660	5064	93
3	76	3066	4621	3417	4884	3942	5454	89
3 1/16	78	3216	4847	3584	5123	4135	5720	87
3 3/16	81	3446	5194	3840	5490	4431	6130	83
3 5/16	84	3683	5550	4104	5866	4735	6550	81
3 7/16	87	3925	5916	4374	6252	5046	6981	77
3 9/16	90	4173	6289	4650	6647	5365	7422	75
3 5/8	92	4342	6544	4838	6916	5582	7722	73
3 3/4	95	4599	6932	5125	7326	5913	8180	71
3 13/16	97	4774	7195	5319	7604	6138	8490	71
3 15/16	100	5040	7596	5616	8028	6480	8964	67
4	102	5220	7868	5817	8315	6712	9285	67
4 1/8	105	5495	8282	6123	8753	7065	9773	65
4 3/16	107	5681	8561	6330	9048	7304	10103	63
4 3/8	111	6058	9130	6750	9650	7789	10775	61
4 1/2	114	6346	9565	7071	10109	8159	11287	59
4 5/8	117	6639	10005	7397	10574	8535	11807	57
4 3/4	120	6935	10452	7728	11047	8916	12334	57
4 13/16	122	7135	10753	7950	11365	9173	12690	55
4 7/8	124	7336	11057	8175	11686	9432	13048	55
5	127	7641	11516	8515	12171	9824	13591	53
5 1/8	130	7950	11981	8858	12663	10221	14139	53
5 3/16	132	8157	12294	9089	12993	10488	14508	51
5 3/8	137	8682	13085	9674	13829	11162	15441	49
5 5/8	142	9214	13887	10267	14677	11847	16388	47
5 3/4	147	9753	14700	10868	15536	12540	17347	47
6	152	10299	15522	11476	16405	13241	18317	45
6 3/16	157	10850	16352	12089	17282	13949	19297	43
6 3/8	162	11405	17188	12708	18166	14663	20284	43
	165	11739	17639	13081	18699	15094	20879	41
	168	12075	18199	13455	19234	15525	21477	41
	171	12412	18707	13831	19771	15959	22076	41
	175	12863	19386	14333	20488	16538	22877	39
	178	13201	19896	14709	21027	16972	23479	39
	180	13427	20236	14961	21387	17263	23880	39
	185	13991	21087	15590	22286	17989	24884	37
	188	14330	21597	15968	22825	18424	25487	37
	191	14668	22107	16345	23364	18859	26089	35
	194	15006	22617	16721	23903	19294	26690	35
	197	15344	23125	17097	24440	19727	27290	35
	200	15680	23632	17472	24976	20160	27888	33
	205	16238	24474	18094	25866	20878	28881	33

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STRENGTH FOR STUD LINK ANCHOR CHAIN CABLES

Chain diameter		R4		R4S		R5		Number of links per 27.5 mtr
inches	mm	Proof Load kN	Break Load kN	Proof Load kN	Break Load kN	Proof Load kN	Break Load kN	
2 1/8	54	2499	3170	2777	3517	2904	3703	125
2 3/16	56	2677	3396	2974	3768	3111	3966	121
2 5/16	58	2860	3628	3178	4025	3323	4237	117
2 3/8	60	3048	3867	3387	4290	3542	4516	113
2 7/16	62	3242	4112	3602	4562	3767	4802	109
2 1/2	64	3440	4364	3822	4841	3997	5096	105
2 5/8	66	3643	4621	4048	5127	4233	5397	103
2 11/16	68	3851	4885	4279	5420	4475	5706	99
2 3/4	70	4064	5156	4516	5720	4723	6021	97
2 7/8	73	4392	5572	4881	6182	5104	6507	93
3	76	4731	6001	5257	6658	5498	7009	89
3 1/16	78	4962	6295	5514	6984	5766	7351	87
3 3/16	81	5317	6745	5908	7484	6179	8777	83
3 5/16	84	5682	7208	6313	7997	6602	8418	81
3 7/16	87	6056	7682	6729	8523	7037	8971	77
3 9/16	90	6439	8167	7154	9062	7482	9539	75
3 5/8	92	6699	8497	7443	9428	7784	9924	73
3 3/4	95	7096	9001	7884	9987	8246	10512	71
3 13/16	97	7365	9343	8184	10366	8559	10911	71
3 15/16	100	7776	9864	8640	10944	9036	11520	67
4	102	8054	10217	8949	11336	9359	11932	67
4 1/8	105	8478	10754	9420	11932	9851	12560	65
4 3/16	107	8764	11118	9738	12335	10184	12984	63
4 3/8	111	9347	11856	10385	13154	10861	13847	61
4 1/2	114	9791	12420	10879	13780	11378	14506	59
4 5/8	117	10242	12993	11380	14415	11902	15174	57
4 3/4	120	10700	13573	11889	15059	12434	15852	57
4 13/16	122	11008	13964	12231	15493	12792	16308	55
4 7/8	124	11319	14358	12576	15930	13153	16768	55
5	127	11789	14955	13099	16592	13700	17466	53
5 1/8	130	12265	15559	13628	17262	14253	18171	53
5 3/16	132	12585	15965	13984	17713	14625	18645	51
5 3/8	137	13395	16992	14883	18852	15565	19844	49
5 5/8	142	14216	18033	15796	20008	16520	21061	47
5 3/4	147	15048	19089	16720	21179	17487	22294	47
6	152	15890	20156	17655	22363	18464	23540	45
6 3/16	157	16739	21234	18599	23559	19452	24799	43
6 3/8	162	17596	22320	19551	24764	20447	26068	43
	165	18112	22976	20125	25491	21047	26833	41
	168	18631	23633	20701	26221	21649	27601	41
	171	19150	24292	21278	26952	22253	28371	41
	175	19845	25174	22050	27930	23061	29400	39
	178	20367	25836	22630	28665	23667	30173	39
	180	20715	26278	23017	29155	24072	30689	39
	185	21586	27838	23985	30381	25084	31980	37
	188	22109	28046	24565	31116	25691	32754	37
	191	22631	28708	25146	31851	26298	33527	35
	194	23152	29369	25725	32585	26904	34300	35
	197	23673	30029	26303	33317	27509	35071	35
	200	24192	30688	26880	34048	28112	35840	33
	205	25054	31781	27837	35261	29113	37116	33

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