

# Specification Weight Break Tons

Nominal Rope Diameter mm	Approx. Diameter ins.	Approx. Mass kg/100m	Minimum Breaking Force			
			Galvanised and Ungalvanised			
			Rope Grade			
			1960 N/mm <sup>2</sup>		2160 N/mm <sup>2</sup>	
		kN	tonnes	kN	tonnes	
10		51.4	90.5	9.2	98.6	10.1
11	7/16	61.7	109	11.2	119	12.1
12		72.9	131	13.4	141	14.4
13	1/2	84.6	155	15.8	167	17.0
14		97.1	180	18.4	192	19.6
15		114	206	21.0	221	22.5
16	5/8	130	233	23.8	252	25.7
17		140	261	26.6	285	29.1
18		159	300	30.6	321	32.7
19	3/4	178	331	33.8	358	36.5
20		197	372	37.9	399	40.7
21	13/16	222	402	41.0	434	44.3
22	7/8	240	444	45.3	484	49.4
23		261	482	49.2	528	53.8
24	15/16	286	531	54.2	572	58.3
25		312	575	58.6	623	63.5
26	1	340	621	63.3	661	67.4
27		356	665	67.8	722	73.6
28		391	720	73.4	788	80.4
29	1.1/8	425	769	78.4	833	84.9
30		445	827	84.3	904	92.2
32	1.1/4	505	944	96.3	1035	105
34		574	1065	108	1156	118
35	1.3/8	602	1125	114	1216	124
36		644	1185	121	1286	131
38	1.1/2	712	1326	135	1437	146
40		807	1477	150	1588	161
42	1.5/8	884	1485	151		
44		961	1618	165		
46		1060	1765	180		
48	1.7/8	1150	1935	197		
50		1230	2078	212		
52		1360	2256	230		
54		1450	2417	246		
56		1560	2610	266		
58		1680	2788	284		
60	2.3/8	1800	2958	301		

