

**JIANGSU JULI**  
STEEL WIRE ROPE CO.,LTD

**HENAN JULI**  
WIRE ROPE MANUFACTURING CO.,LTD

**INDONESIA JULI**  
WIRE ROPE

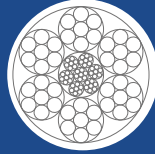
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# 6x7



WSC



IWRC



Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		WSC ( $\leq 7\text{mm WSC}$ )				IWRC ( $> 7\text{mm IWRC}$ )			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.48	6.18	6.84	7.54	3.48	6.18	6.84	7.54
4		6.19	11.0	12.2	13.4	6.19	11.0	12.2	13.4
5		9.68	17.2	19.0	21.0	9.68	17.2	19.0	21.0
6		13.9	24.7	27.4	30.2	13.9	24.7	27.4	30.2
6.35	1/4	15.6	27.7	30.7	33.8	15.6	27.7	30.7	33.8
7		19.0	33.7	37.3	41.1	19.0	33.7	37.3	41.1
7.94	5/16	25.0	40.1	44.4	48.9	25.0	40.1	44.4	48.9
8		25.3	40.7	45.0	49.6	25.3	40.7	45.0	49.6
9		32.1	51.5	57.0	62.8	32.1	51.5	57.0	62.8
9.5	3/8	35.7	57.3	63.5	70.0	35.7	57.3	63.5	70.0
10		39.6	63.5	70.4	77.5	39.6	63.5	70.4	77.5
11		47.9	76.9	85.1	93.8	47.9	76.9	85.1	93.8
11.1	7/16	48.8	78.3	86.7	95.5	48.8	78.3	86.7	95.5
12		57.0	91.5	101	112	57.0	91.5	101	112
12.7	1/2	63.9	102	113	125	63.9	102	113	125
13		66.9	107	119	131	66.9	107	119	131
14		77.6	125	138	152	77.6	125	138	152
14.3	9/16	81.0	130	144	159	81.0	130	144	159
15.9	5/8	100	161	178	196	100	161	178	196
16		101	163	180	199	101	163	180	199
18		128	206	228	251	128	206	228	251
19		143	229	254	280	143	229	254	280
19.1	3/4	144	232	257	283	144	232	257	283
20		158	254	281	310	158	254	281	310
22		192	308	341	375	192	308	341	375
22.2	7/8	195	313	347	382	195	313	347	382
24		228	366	405	447	228	366	405	447
25.4	1	255	410	454	500	255	410	454	500
26		268	430	476	524	268	430	476	524
28		310	498	552	608	310	498	552	608
28.6	1 1/8	324	520	576	634	324	520	576	634
31.8	1 1/4	400	643	712	784	400	643	712	784
32		406	651	721	794	406	651	721	794
34.9	1 3/8	482	774	857	944	482	774	857	944
35		485	778	862	950	485	778	862	950
36		513	824	912	1005	513	824	912	1005
38		572	918	1016	1120	572	918	1016	1120
38.1	1 1/2	575	922	1021	1126	575	922	1021	1126
40		634	1017	1126	1241	634	1017	1126	1241
41.3	1 5/8	675	1084	1200	1323	675	1084	1200	1323
44		767	1230	1362	1501	767	1230	1362	1501
44.5	1 3/4	784	1258	1393	1536	784	1258	1393	1536
45		802	1287	1425	1570	802	1287	1425	1570
47.6	1 7/8	897	1440	1594	1757	897	1440	1594	1757
48		912	1464	1621	1787	912	1464	1621	1787
50.8	2	1022	1640	1816	2001	1022	1640	1816	2001
51		1030	1653	1830	2017	1030	1653	1830	2017
52		1071	1718	1903	2097	1071	1718	1903	2097
54	2 1/8	1155	1853	2052	2261	1155	1853	2052	2261
56		1242	1993	2207	2432	1242	1993	2207	2432
57.2	2 1/4	1296	2079	2302	2537	1296	2079	2302	2537
60		1426	2288	2533	2792	1426	2288	2533	2792
60.3	2 3/8	1440	2310	2558	2820	1440	2310	2558	2820
62		1522	2443	2705	2981	1522	2443	2705	2981
63.5	2 1/2	1597	2562	2837	3127	1597	2562	2837	3127
64		1622	2603	2882	3176	1622	2603	2882	3176

# 6x9W



WSC

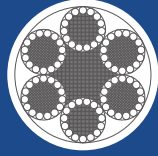


IWRC



Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		WSC ( $\leq 7\text{mmWSC}$ )				IWRC ( $> 7\text{mmIWRC}$ )			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.48	6.18	6.84	7.54	3.48	6.18	6.84	7.54
4		6.19	11.0	12.2	13.4	6.19	11.0	12.2	13.4
5		9.68	17.2	19.0	21.0	9.68	17.2	19.0	21.0
6		13.9	24.7	27.4	30.2	13.9	24.7	27.4	30.2
6.35	1/4	15.6	27.7	30.7	33.8	15.6	27.7	30.7	33.8
7		19.0	33.7	37.3	41.1	19.0	33.7	37.3	41.1
7.94	5/16	25.0	40.1	44.4	48.9	25.0	40.1	44.4	48.9
8		25.3	40.7	45.0	49.6	25.3	40.7	45.0	49.6
9		32.1	51.5	57.0	62.8	32.1	51.5	57.0	62.8
9.5	3/8	35.7	57.3	63.5	70.0	35.7	57.3	63.5	70.0
10		39.6	63.5	70.4	77.5	39.6	63.5	70.4	77.5
11		47.9	76.9	85.1	93.8	47.9	76.9	85.1	93.8
11.1	7/16	48.8	78.3	86.7	95.5	48.8	78.3	86.7	95.5
12		57.0	91.5	101	112	57.0	91.5	101	112
12.7	1/2	63.9	102	113	125	63.9	102	113	125
13		66.9	107	119	131	66.9	107	119	131
14		77.6	125	138	152	77.6	125	138	152
14.3	9/16	81.0	130	144	159	81.0	130	144	159
15.9	5/8	100	161	178	196	100	161	178	196
16		101	163	180	199	101	163	180	199
18		128	206	228	251	128	206	228	251
19		143	229	254	280	143	229	254	280
19.1	3/4	144	232	257	283	144	232	257	283
20		158	254	281	310	158	254	281	310
22		192	308	341	375	192	308	341	375
22.2	7/8	195	313	347	382	195	313	347	382
24		228	366	405	447	228	366	405	447
25.4	1	255	410	454	500	255	410	454	500
26		268	430	476	524	268	430	476	524
28		310	498	552	608	310	498	552	608
28.6	1 1/8	324	520	576	634	324	520	576	634
31.8	1 1/4	400	643	712	784	400	643	712	784
32		406	651	721	794	406	651	721	794
34.9	1 3/8	482	774	857	944	482	774	857	944
35		485	778	862	950	485	778	862	950
36		513	824	912	1005	513	824	912	1005
38		572	918	1016	1120	572	918	1016	1120
38.1	1 1/2	575	922	1021	1126	575	922	1021	1126
40		634	1017	1126	1241	634	1017	1126	1241
41.3	1 5/8	675	1084	1200	1323	675	1084	1200	1323
44		767	1230	1362	1501	767	1230	1362	1501
44.5	1 3/4	784	1258	1393	1536	784	1258	1393	1536
45		802	1287	1425	1570	802	1287	1425	1570
47.6	1 7/8	897	1440	1594	1757	897	1440	1594	1757
48		912	1464	1621	1787	912	1464	1621	1787
50.8	2	1022	1640	1816	2001	1022	1640	1816	2001
51		1030	1653	1830	2017	1030	1653	1830	2017
52		1071	1718	1903	2097	1071	1718	1903	2097
54	2 1/8	1155	1853	2052	2261	1155	1853	2052	2261
56		1242	1993	2207	2432	1242	1993	2207	2432
57.2	2 1/4	1296	2079	2302	2537	1296	2079	2302	2537
60		1426	2288	2533	2792	1426	2288	2533	2792
60.3	2 3/8	1440	2310	2558	2820	1440	2310	2558	2820
62		1522	2443	2705	2981	1522	2443	2705	2981
63.5	2 1/2	1597	2562	2837	3127	1597	2562	2837	3127
64		1622	2603	2882	3176	1622	2603	2882	3176

# 6x15FC-FC

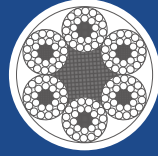


FC



Nominal rope		Nominal tensile strength (MPa)		
		Minimum breaking load (kN)		
Size		FC		
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>
3		1.80	2.87	3.18
4		3.20	5.10	5.64
5		5.00	7.97	8.82
6		7.20	11.5	12.7
6.35	1/4	8.06	12.8	14.2
7		9.80	15.6	17.3
7.94	5/16	12.6	20.1	22.2
8		12.8	20.4	22.6
9		16.2	25.8	28.6
9.5	3/8	18.1	28.8	31.8
10		20.0	31.9	35.3
11		24.2	38.6	42.7
11.1	7/16	24.6	39.3	43.5
12		28.8	45.9	50.8
12.7	1/2	32.3	51.4	56.9
13		33.8	53.8	59.6
14		39.2	62.4	69.1
14.3	9/16	40.9	65.2	72.1
15.9	5/8	50.6	80.5	89.2
16		51.2	81.6	90.3
18		64.8	103	114
19		72.2	115	127
19.1	3/4	73.0	116	129
20		80.0	127	141
22		96.8	154	171
22.2	7/8	98.6	157	174
24		115	184	203
25.4	1	129	206	228
26		135	215	238
28		157	250	277
28.6	1 1/8	164	261	289
31.8	1 1/4	202	322	357
32		205	326	361
34.9	1 3/8	244	388	430
35		245	390	432
36		259	413	457
38		289	460	509
38.1	1 1/2	290	462	512
40		320	510	564
41.3	1 5/8	341	543	602
44		387	617	683
44.5	1 3/4	396	631	699
45		405	645	714
47.6	1 7/8	453	722	799
48		461	734	813

# 6x24MFC-FC

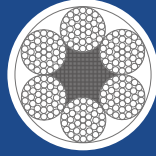


FC



Nominal rope		Nominal tensile strength (MPa)		
		Minimum breaking load (kN)		
Size		FC		
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>
3		2.86	4.46	4.94
4		5.09	7.93	8.78
5		7.95	12.4	13.7
6		11.4	17.8	19.8
6.35	1/4	12.8	20.0	22.1
7		15.6	24.3	26.9
7.94	5/16	20.0	31.2	34.6
8		20.4	31.7	35.1
9		25.8	40.1	44.5
9.5	3/8	28.7	44.7	49.5
10		31.8	49.6	54.9
11		38.5	60.0	66.4
11.1	7/16	39.2	61.1	67.6
12		45.8	71.4	79.0
12.7	1/2	51.3	79.9	88.5
13		53.7	83.8	92.7
14		62.3	97.1	108
14.3	9/16	65.0	101	112
15.9	5/8	80.4	125	139
16		81.4	127	140
18		103	161	178
19		115	179	198
19.1	3/4	116	181	200
20		127	198	220
22		154	240	266
22.2	7/8	157	244	270
24		183	285	316
25.4	1	205	320	354
26		215	335	371
28		249	389	430
28.6	1 1/8	260	405	449
31.8	1 1/4	322	501	555
32		326	507	562
34.9	1 3/8	387	604	668
35		390	607	672
36		412	642	711
38		459	716	792
38.1	1 1/2	462	719	797
40		509	793	878
41.3	1 5/8	542	845	936
44		616	959	1062
44.5	1 3/4	630	981	1087
45		644	1004	1111
47.6	1 7/8	721	1123	1243
48		733	1142	1264

# 6x37M

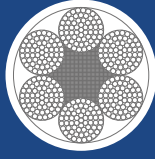


FC

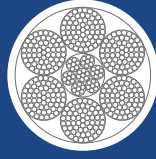


Nominal rope		Nominal tensile strength (MPa)			
		Minimum breaking load (kN)			
Size		FC			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.11	4.70	5.20	5.73
4		5.54	8.35	9.25	10.2
5		8.65	13.1	14.5	15.9
6		12.5	18.8	20.8	22.9
6.35	1/4	14.0	21.1	23.3	25.7
7		17.0	25.6	28.3	31.2
7.94	5/16	21.8	32.9	36.5	40.2
8		22.1	33.4	37.0	40.8
9		28.0	42.3	46.8	51.6
9.5	3/8	31.2	47.1	52.2	57.5
10		34.6	52.2	57.8	63.7
11		41.9	63.2	70.0	77.1
11.1	7/16	42.6	64.3	71.2	78.5
12		49.8	75.2	83.3	91.8
12.7	1/2	55.8	84.2	93.3	103
13		58.5	88.2	97.7	108
14		67.8	102	113	125
14.3	9/16	70.8	107	118	130
15.9	5/8	87.5	132	146	161
16		88.6	134	148	163
18		112	169	187	206
19		125	188	209	230
19.1	3/4	126	190	211	232
20		138	209	231	255
22		167	253	280	308
22.2	7/8	171	257	285	314
24		199	301	333	367
25.4	1	223	337	373	411
26		234	353	391	431
28		271	409	453	500
28.6	1 1/8	283	427	473	521
31.8	1 1/4	350	528	585	644
32		354	535	592	652
34.9	1 3/8	421	636	704	776
35		424	640	708	781
36		448	677	749	826
38		500	754	835	920
38.1	1 1/2	502	758	839	925
40		554	835	925	1020
41.3	1 5/8	590	891	986	1087
44		670	1011	1119	1234
44.5	1 3/4	685	1034	1145	1262
45		701	1057	1171	1290
47.6	1 7/8	784	1183	1310	1444
48		797	1203	1332	1468
50.8	2	893	1347	1492	1644
51		900	1358	1504	1657
52		936	1412	1563	1723
54	2 1/8	1009	1523	1686	1858
56		1085	1637	1813	1998
57.2	2 1/4	1132	1708	1892	2085
60		1246	1880	2082	2294
60.3	2 3/8	1258	1899	2102	2317
62		1330	2007	2223	2449
63.5	2 1/2	1395	2105	2331	2569
64		1417	2139	2368	2610

# 6x61M



FC

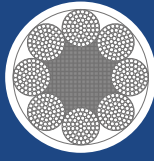


IWRC



Nominal rope		Nominal tensile strength (MPa)		
		Minimum breaking load (kN)		
Size		FC		
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>
18		117	162	180
19		130	181	200
19.1	3/4	132	183	202
20		144	200	222
22		175	242	268
22.2	7/8	178	247	273
24		208	289	319
25.4	1	233	323	358
26		244	339	375
28		283	393	435
28.6	1 1/8	295	410	454
31.8	1 1/4	365	507	561
32		370	513	568
34.9	1 3/8	440	610	676
35		442	614	679
36		468	649	719
38		521	723	801
38.1	1 1/2	524	727	805
40		578	801	887
41.3	1 5/8	616	854	946
44		699	970	1074
44.5	1 3/4	715	992	1098
45		731	1014	1123
47.6	1 7/8	818	1135	1257
48		832	1154	1278
50.8	2	932	1293	1431
51		939	1303	1443
52		976	1354	1500
54	2 1/8	1053	1461	1617
56		1132	1571	1739
57.2	2 1/4	1181	1639	1815
60		1300	1803	1997
60.3	2 3/8	1313	1821	2017
62		1388	1925	2132
63.5	2 1/2	1456	2020	2237
64		1479	2052	2272
68		1669	2316	2565
72		1871	2597	2875
76		2085	2893	3204
80		2310	3206	3550
84		2547	3534	3914
88		2796	3879	4295
92		3056	4240	4695
96		3327	4616	5112
100		3610	5009	5547
104		3905	5418	5999
108		4211	5843	6470
112		4528	6283	6958
116		4858	6740	7464
120		5198	7213	7987
124		5551	7702	8529

# 8x61M



FC

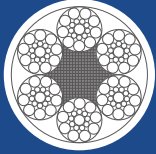


IWRC

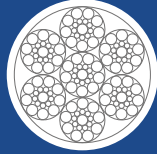


Nominal rope		Nominal tensile strength (MPa)		
		Minimum breaking load (kN)		
Size		FC		
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>
60		1282	1599	1771
60.3	2 3/8	1294	1615	1789
62		1368	1708	1891
63.5	2 1/2	1435	1791	1984
64		1458	1820	2015
68		1646	2054	2275
72		1846	2303	2550
76		2056	2566	2842
80		2278	2843	3149
84		2512	3135	3471
88		2757	3440	3810
92		3013	3760	4164
96		3281	4094	4534
100		3560	4443	4920
104		3850	4805	5321
108		4152	5182	5738
112		4466	5573	6171
116		4790	5978	6620
120		5126	6397	7084
124		5474	6831	7564
130		6016	7508	8314

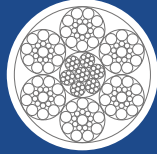
# 6x19S



FC



WSC



IWRC



Nominal rope		Nominal tensile strength (MPa)											
		Minimum breaking load (kN)											
Size		FC				WSC (≤10mmWSC)				IWRC (>10mmIWRC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.42	5.26	5.82	6.42	3.76	5.67	6.28	6.92	3.76	5.67	6.28	6.92
4		6.08	9.35	10.3	11.4	6.69	10.1	11.2	12.3	6.69	10.1	11.2	12.3
5		9.50	14.6	16.2	17.8	10.5	15.8	17.4	19.2	10.5	15.8	17.4	19.2
6		13.7	21.0	23.3	25.7	15.0	22.7	25.1	27.7	15.0	22.7	25.1	27.7
6.35	1/4	15.3	23.6	26.1	28.7	16.9	25.4	28.1	31.0	16.9	25.4	28.1	31.0
7		18.6	28.6	31.7	34.9	20.5	30.9	34.2	37.7	20.5	30.9	34.2	37.7
7.94	5/16	24.0	36.8	40.8	44.9	26.4	39.7	44.0	48.5	26.4	39.7	44.0	48.5
8		24.3	37.4	41.4	45.6	26.8	40.3	44.7	49.2	26.8	40.3	44.7	49.2
9		30.8	47.3	52.4	57.7	33.9	51.0	56.5	62.3	33.9	51.0	56.5	62.3
9.5	3/8	34.3	52.7	58.4	64.3	37.7	56.9	63.0	69.4	37.7	56.9	63.0	69.4
10		38.0	58.4	64.7	71.3	41.8	63.0	69.8	76.9	41.8	63.0	69.8	76.9
11		46.0	70.7	78.3	86.2	50.6	76.2	84.4	93.0	50.6	76.2	84.4	93.0
11.1	7/16	46.8	72.0	79.7	87.8	51.5	77.6	86.0	94.7	51.5	77.6	86.0	94.7
12		54.7	84.1	93.1	103	60.2	90.7	100	111	60.2	90.7	100	111
12.7	1/2	61.3	94.2	104	115	67.4	102	113	124	67.4	102	113	124
13		64.2	98.7	109	120	70.6	106	118	130	70.6	106	118	130
14		74.5	114	127	140	81.9	124	137	151	81.9	124	137	151
14.3	9/16	77.7	119	132	146	85.5	129	143	157	85.5	129	143	157
15.9	5/8	96.1	148	164	180	106	159	176	194	106	159	176	194
16		97.3	150	166	182	107	161	179	197	107	161	179	197
18		123	189	210	231	135	204	226	249	135	204	226	249
19		137	211	233	257	151	227	252	278	151	227	252	278
19.1	3/4	139	213	236	260	152	230	255	281	152	230	255	281
20		152	234	259	285	167	252	279	308	167	252	279	308
22		184	283	313	345	202	305	338	372	202	305	338	372
22.2	7/8	187	288	319	351	206	311	344	379	206	311	344	379
24		219	336	373	411	241	363	402	443	241	363	402	443
25.4	1	245	377	417	460	270	407	450	496	270	407	450	496
26		257	395	437	482	283	426	472	520	283	426	472	520
28		298	458	507	559	328	494	547	603	328	494	547	603
28.6	1 1/8	311	478	529	583	342	515	571	629	342	515	571	629
31.8	1 1/4	384	591	654	721	423	637	706	778	423	637	706	778
32		389	598	662	730	428	645	715	787	428	645	715	787
34.9	1 3/8	463	711	788	868	509	767	850	937	509	767	850	937
35		466	716	792	873	512	772	855	942	512	772	855	942
36		492	757	838	924	542	817	904	997	542	817	904	997
38		549	843	934	1029	604	910	1008	1110	604	910	1008	1110
38.1	1 1/2	552	848	939	1035	607	915	1013	1116	607	915	1013	1116
40		608	935	1035	1140	669	1008	1116	1230	669	1008	1116	1230
41.3	1 5/8	648	996	1103	1216	713	1075	1190	1312	713	1075	1190	1312
44		736	1131	1252	1380	809	1220	1351	1489	809	1220	1351	1489
44.5	1 3/4	752	1157	1281	1412	828	1248	1382	1523	828	1248	1382	1523
45		770	1183	1310	1443	846	1276	1413	1557	846	1276	1413	1557
47.6	1 7/8	861	1323	1465	1615	947	1428	1581	1742	947	1428	1581	1742
48		876	1346	1490	1642	963	1452	1608	1772	963	1452	1608	1772
50.8	2	981	1507	1669	1839	1079	1626	1801	1984	1079	1626	1801	1984
51		988	1519	1682	1854	1087	1639	1815	2000	1087	1639	1815	2000
52		1028	1579	1749	1927	1130	1704	1887	2079	1130	1704	1887	2079
54	2 1/8	1108	1703	1886	2079	1219	1837	2035	2242	1219	1837	2035	2242
56		1192	1832	2028	2235	1311	1976	2188	2411	1311	1976	2188	2411
57.2	2 1/4	1243	1911	2116	2332	1368	2062	2283	2516	1368	2062	2283	2516
60		1368	2103	2328	2566	1505	2268	2512	2768	1505	2268	2512	2768
60.3	2 3/8	1382	2124	2352	2592	1520	2291	2537	2796	1520	2291	2537	2796
62		1461	2245	2486	2740	1607	2422	2682	2956	1607	2422	2682	2956
63.5	2 1/2	1532	2355	2608	2874	1685	2541	2814	3101	1685	2541	2814	3101
64		1556	2392	2649	2920	1712	2581	2858	3150	1712	2581	2858	3150

# 6x19W



WSC

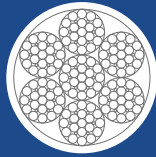


IWRC

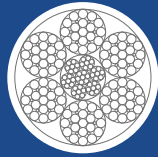


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		WSC (≤10mmWSC)				IWRC (>10mmIWRC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.76	5.67	6.28	6.92	3.76	5.67	6.28	6.92
4		6.69	10.1	11.2	12.3	6.69	10.1	11.2	12.3
5		10.5	15.8	17.4	19.2	10.5	15.8	17.4	19.2
6		15.0	22.7	25.1	27.7	15.0	22.7	25.1	27.7
6.35	1/4	16.9	25.4	28.1	31.0	16.9	25.4	28.1	31.0
7		20.5	30.9	34.2	37.7	20.5	30.9	34.2	37.7
7.94	5/16	26.4	39.7	44.0	48.5	26.4	39.7	44.0	48.5
8		26.8	40.3	44.7	49.2	26.8	40.3	44.7	49.2
9		33.9	51.0	56.5	62.3	33.9	51.0	56.5	62.3
9.5	3/8	37.7	56.9	63.0	69.4	37.7	56.9	63.0	69.4
10		41.8	63.0	69.8	76.9	41.8	63.0	69.8	76.9
11		50.6	76.2	84.4	93.0	50.6	76.2	84.4	93.0
11.1	7/16	51.5	77.6	86.0	94.7	51.5	77.6	86.0	94.7
12		60.2	90.7	100	111	60.2	90.7	100	111
12.7	1/2	67.4	102	113	124	67.4	102	113	124
13		70.6	106	118	130	70.6	106	118	130
14		81.9	124	137	151	81.9	124	137	151
14.3	9/16	85.5	129	143	157	85.5	129	143	157
15.9	5/8	106	159	176	194	106	159	176	194
16		107	161	179	197	107	161	179	197
18		135	204	226	249	135	204	226	249
19		151	227	252	278	151	227	252	278
19.1	3/4	152	230	255	281	152	230	255	281
20		167	252	279	308	167	252	279	308
22		202	305	338	372	202	305	338	372
22.2	7/8	206	311	344	379	206	311	344	379
24		241	363	402	443	241	363	402	443
25.4	1	270	407	450	496	270	407	450	496
26		283	426	472	520	283	426	472	520
28		328	494	547	603	328	494	547	603
28.6	1 1/8	342	515	571	629	342	515	571	629
31.8	1 1/4	423	637	706	778	423	637	706	778
32		428	645	715	787	428	645	715	787
34.9	1 3/8	509	767	850	937	509	767	850	937
35		512	772	855	942	512	772	855	942
36		542	817	904	997	542	817	904	997
38		604	910	1008	1110	604	910	1008	1110
38.1	1 1/2	607	915	1013	1116	607	915	1013	1116
40		669	1008	1116	1230	669	1008	1116	1230
41.3	1 5/8	713	1075	1190	1312	713	1075	1190	1312
44		809	1220	1351	1489	809	1220	1351	1489
44.5	1 3/4	828	1248	1382	1523	828	1248	1382	1523
45		846	1276	1413	1557	846	1276	1413	1557
47.6	1 7/8	947	1428	1581	1742	947	1428	1581	1742
48		963	1452	1608	1772	963	1452	1608	1772
50.8	2	1079	1626	1801	1984	1079	1626	1801	1984
51		1087	1639	1815	2000	1087	1639	1815	2000
52		1130	1704	1887	2079	1130	1704	1887	2079
54	2 1/8	1219	1837	2035	2242	1219	1837	2035	2242
56		1311	1976	2188	2411	1311	1976	2188	2411
57.2	2 1/4	1368	2062	2283	2516	1368	2062	2283	2516
60		1505	2268	2512	2768	1505	2268	2512	2768
60.3	2 3/8	1520	2291	2537	2796	1520	2291	2537	2796
62		1607	2422	2682	2956	1607	2422	2682	2956
63.5	2 1/2	1685	2541	2814	3101	1685	2541	2814	3101
64		1712	2581	2858	3150	1712	2581	2858	3150

# 6x25Fi



WSC

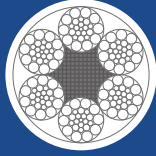


IWRC

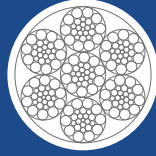


Nominal rope		Nominal tensile strength (MPa)			
		Minimum breaking load (kN)			
Size		IWRC/WSC (≤10mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.76	5.67	6.28	6.92
4		6.69	10.1	11.2	12.3
5		10.5	15.8	17.4	19.2
6		15.0	22.7	25.1	27.7
6.35	1/4	16.9	25.4	28.1	31.0
7		20.5	30.9	34.2	37.7
7.94	5/16	26.4	39.7	44.0	48.5
8		26.8	40.3	44.7	49.2
9		33.9	51.0	56.5	62.3
9.5	3/8	37.7	56.9	63.0	69.4
10		41.8	63.0	69.8	76.9
11		50.6	76.2	84.4	93.0
11.1	7/16	51.5	77.6	86.0	94.7
12		60.2	90.7	100	111
12.7	1/2	67.4	102	113	124
13		70.6	106	118	130
14		81.9	124	137	151
14.3	9/16	85.5	129	143	157
15.9	5/8	106	159	176	194
16		107	161	179	197
18		135	204	226	249
19		151	227	252	278
19.1	3/4	152	230	255	281
20		167	252	279	308
22		202	305	338	372
22.2	7/8	206	311	344	379
24		241	363	402	443
25.4	1	270	407	450	496
26		283	426	472	520
28		328	494	547	603
28.6	1 1/8	342	515	571	629
31.8	1 1/4	423	637	706	778
32		428	645	715	787
34.9	1 3/8	509	767	850	937
35		512	772	855	942
36		542	817	904	997
38		604	910	1008	1110
38.1	1 1/2	607	915	1013	1116
40		669	1008	1116	1230
41.3	1 5/8	713	1075	1190	1312
44		809	1220	1351	1489
44.5	1 3/4	828	1248	1382	1523
45		846	1276	1413	1557
47.6	1 7/8	947	1428	1581	1742
48		963	1452	1608	1772
50.8	2	1079	1626	1801	1984
51		1087	1639	1815	2000
52		1130	1704	1887	2079
54	2 1/8	1219	1837	2035	2242
56		1311	1976	2188	2411
57.2	2 1/4	1368	2062	2283	2516
60		1505	2268	2512	2768
60.3	2 3/8	1520	2291	2537	2796
62		1607	2422	2682	2956
63.5	2 1/2	1685	2541	2814	3101
64		1712	2581	2858	3150

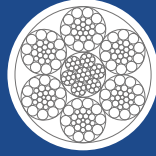
# 6x26WS



FC



WSC

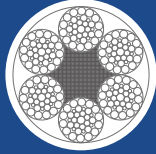


IWRC

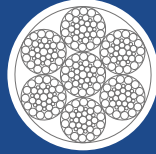


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC (>10mmIWRC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.42	5.26	5.82	6.42	3.76	5.67	6.28	6.92
4		6.08	9.35	10.3	11.4	6.69	10.1	11.2	12.3
5		9.50	14.6	16.2	17.8	10.5	15.8	17.4	19.2
6		13.7	21.0	23.3	25.7	15.0	22.7	25.1	27.7
6.35	1/4	15.3	23.6	26.1	28.7	16.9	25.4	28.1	31.0
7		18.6	28.6	31.7	34.9	20.5	30.9	34.2	37.7
7.94	5/16	24.0	36.8	40.8	44.9	26.4	39.7	44.0	48.5
8		24.3	37.4	41.4	45.6	26.8	40.3	44.7	49.2
9		30.8	47.3	52.4	57.7	33.9	51.0	56.5	62.3
9.5	3/8	34.3	52.7	58.4	64.3	37.7	56.9	63.0	69.4
10		38.0	58.4	64.7	71.3	41.8	63.0	69.8	76.9
11		46.0	70.7	78.3	86.2	50.6	76.2	84.4	93.0
11.1	7/16	46.8	72.0	79.7	87.8	51.5	77.6	86.0	94.7
12		54.7	84.1	93.1	103	60.2	90.7	100	111
12.7	1/2	61.3	94.2	104	115	67.4	102	113	124
13		64.2	98.7	109	120	70.6	106	118	130
14		74.5	114	127	140	81.9	124	137	151
14.3	9/16	77.7	119	132	146	85.5	129	143	157
15.9	5/8	96.1	148	164	180	106	159	176	194
16		97.3	150	166	182	107	161	179	197
18		123	189	210	231	135	204	226	249
19		137	211	233	257	151	227	252	278
19.1	3/4	139	213	236	260	152	230	255	281
20		152	234	259	285	167	252	279	308
22		184	283	313	345	202	305	338	372
22.2	7/8	187	288	319	351	206	311	344	379
24		219	336	373	411	241	363	402	443
25.4	1	245	377	417	460	270	407	450	496
26		257	395	437	482	283	426	472	520
28		298	458	507	559	328	494	547	603
28.6	1 1/8	311	478	529	583	342	515	571	629
31.8	1 1/4	384	591	654	721	423	637	706	778
32		389	598	662	730	428	645	715	787
34.9	1 3/8	463	711	788	868	509	767	850	937
35		466	716	792	873	512	772	855	942
36		492	757	838	924	542	817	904	997
38		549	843	934	1029	604	910	1008	1110
38.1	1 1/2	552	848	939	1035	607	915	1013	1116
40		608	935	1035	1140	669	1008	1116	1230
41.3	1 5/8	648	996	1103	1216	713	1075	1190	1312
44		736	1131	1252	1380	809	1220	1351	1489
44.5	1 3/4	752	1157	1281	1412	828	1248	1382	1523
45		770	1183	1310	1443	846	1276	1413	1557
47.6	1 7/8	861	1323	1465	1615	947	1428	1581	1742
48		876	1346	1490	1642	963	1452	1608	1772
50.8	2	981	1507	1669	1839	1079	1626	1801	1984
51		988	1519	1682	1854	1087	1639	1815	2000
52		1028	1579	1749	1927	1130	1704	1887	2079
54	2 1/8	1108	1703	1886	2079	1219	1837	2035	2242
56		1192	1832	2028	2235	1311	1976	2188	2411
57.2	2 1/4	1243	1911	2116	2332	1368	2062	2283	2516
60		1368	2103	2328	2566	1505	2268	2512	2768
60.3	2 3/8	1382	2124	2352	2592	1520	2291	2537	2796
62		1461	2245	2486	2740	1607	2422	2682	2956
63.5	2 1/2	1532	2355	2608	2874	1685	2541	2814	3101
64		1556	2392	2649	2920	1712	2581	2858	3150

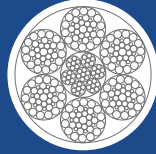
# 6x36WS



FC



WSC

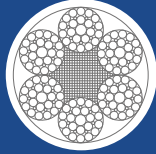


IWRC



Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤10mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.42	5.26	5.82	6.42	3.76	5.67	6.28	6.92
4		6.08	9.35	10.3	11.4	6.69	10.1	11.2	12.3
5		9.50	14.6	16.2	17.8	10.5	15.8	17.4	19.2
6		13.7	21.0	23.3	25.7	15.0	22.7	25.1	27.7
6.35	1/4	15.3	23.6	26.1	28.7	16.9	25.4	28.1	31.0
7		18.6	28.6	31.7	34.9	20.5	30.9	34.2	37.7
7.94	5/16	24.0	36.8	40.8	44.9	26.4	39.7	44.0	48.5
8		24.3	37.4	41.4	45.6	26.8	40.3	44.7	49.2
9		30.8	47.3	52.4	57.7	33.9	51.0	56.5	62.3
9.5	3/8	34.3	52.7	58.4	64.3	37.7	56.9	63.0	69.4
10		38.0	58.4	64.7	71.3	41.8	63.0	69.8	76.9
11		46.0	70.7	78.3	86.2	50.6	76.2	84.4	93.0
11.1	7/16	46.8	72.0	79.7	87.8	51.5	77.6	86.0	94.7
12		54.7	84.1	93.1	103	60.2	90.7	100	111
12.7	1/2	61.3	94.2	104	115	67.4	102	113	124
13		64.2	98.7	109	120	70.6	106	118	130
14		74.5	114	127	140	81.9	124	137	151
14.3	9/16	77.7	119	132	146	85.5	129	143	157
15.9	5/8	96.1	148	164	180	106	159	176	194
16		97.3	150	166	182	107	161	179	197
18		123	189	210	231	135	204	226	249
19		137	211	233	257	151	227	252	278
19.1	3/4	139	213	236	260	152	230	255	281
20		152	234	259	285	167	252	279	308
22		184	283	313	345	202	305	338	372
22.2	7/8	187	288	319	351	206	311	344	379
24		219	336	373	411	241	363	402	443
25.4	1	245	377	417	460	270	407	450	496
26		257	395	437	482	283	426	472	520
28		298	458	507	559	328	494	547	603
28.6	1 1/8	311	478	529	583	342	515	571	629
31.8	1 1/4	384	591	654	721	423	637	706	778
32		389	598	662	730	428	645	715	787
34.9	1 3/8	463	711	788	868	509	767	850	937
35		466	716	792	873	512	772	855	942
36		492	757	838	924	542	817	904	997
38		549	843	934	1029	604	910	1008	1110
38.1	1 1/2	552	848	939	1035	607	915	1013	1116
40		608	935	1035	1140	669	1008	1116	1230
41.3	1 5/8	648	996	1103	1216	713	1075	1190	1312
44		736	1131	1252	1380	809	1220	1351	1489
44.5	1 3/4	752	1157	1281	1412	828	1248	1382	1523
45		770	1183	1310	1443	846	1276	1413	1557
47.6	1 7/8	861	1323	1465	1615	947	1428	1581	1742
48		876	1346	1490	1642	963	1452	1608	1772
50.8	2	981	1507	1669	1839	1079	1626	1801	1984
51		988	1519	1682	1854	1087	1639	1815	2000
52		1028	1579	1749	1927	1130	1704	1887	2079
54	2 1/8	1108	1703	1886	2079	1219	1837	2035	2242
56		1192	1832	2028	2235	1311	1976	2188	2411
57.2	2 1/4	1243	1911	2116	2332	1368	2062	2283	2516
60		1368	2103	2328	2566	1505	2268	2512	2768
60.3	2 3/8	1382	2124	2352	2592	1520	2291	2537	2796
62		1461	2245	2486	2740	1607	2422	2682	2956
63.5	2 1/2	1532	2355	2608	2874	1685	2541	2814	3101
64		1556	2392	2649	2920	1712	2581	2858	3150
68		1757	2701	2991	3296	1933	2914	3226	3556
72		1970	3028	3353	3695	2167	3267	3617	3986
76		2195	3374	3736	4117	2414	3640	4030	4442
80		2432	3738	4140	4562	2675	4033	4466	4921

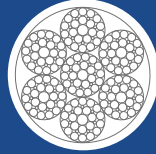
# 6x29Fi



FC



WSC

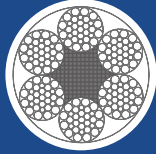


IWRC

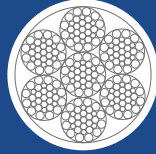


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤10mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.42	5.26	5.82	6.42	3.76	5.67	6.28	6.92
4		6.08	9.35	10.3	11.4	6.69	10.1	11.2	12.3
5		9.50	14.6	16.2	17.8	10.5	15.8	17.4	19.2
6		13.7	21.0	23.3	25.7	15.0	22.7	25.1	27.7
6.35	1/4	15.3	23.6	26.1	28.7	16.9	25.4	28.1	31.0
7		18.6	28.6	31.7	34.9	20.5	30.9	34.2	37.7
7.94	5/16	24.0	36.8	40.8	44.9	26.4	39.7	44.0	48.5
8		24.3	37.4	41.4	45.6	26.8	40.3	44.7	49.2
9		30.8	47.3	52.4	57.7	33.9	51.0	56.5	62.3
9.5	3/8	34.3	52.7	58.4	64.3	37.7	56.9	63.0	69.4
10		38.0	58.4	64.7	71.3	41.8	63.0	69.8	76.9
11		46.0	70.7	78.3	86.2	50.6	76.2	84.4	93.0
11.1	7/16	46.8	72.0	79.7	87.8	51.5	77.6	86.0	94.7
12		54.7	84.1	93.1	103	60.2	90.7	100	111
12.7	1/2	61.3	94.2	104	115	67.4	102	113	124
13		64.2	98.7	109	120	70.6	106	118	130
14		74.5	114	127	140	81.9	124	137	151
14.3	9/16	77.7	119	132	146	85.5	129	143	157
15.9	5/8	96.1	148	164	180	106	159	176	194
16		97.3	150	166	182	107	161	179	197
18		123	189	210	231	135	204	226	249
19		137	211	233	257	151	227	252	278
19.1	3/4	139	213	236	260	152	230	255	281
20		152	234	259	285	167	252	279	308
22		184	283	313	345	202	305	338	372
22.2	7/8	187	288	319	351	206	311	344	379
24		219	336	373	411	241	363	402	443
25.4	1	245	377	417	460	270	407	450	496
26		257	395	437	482	283	426	472	520
28		298	458	507	559	328	494	547	603
28.6	1 1/8	311	478	529	583	342	515	571	629
31.8	1 1/4	384	591	654	721	423	637	706	778
32		389	598	662	730	428	645	715	787
34.9	1 3/8	463	711	788	868	509	767	850	937
35		466	716	792	873	512	772	855	942
36		492	757	838	924	542	817	904	997
38		549	843	934	1029	604	910	1008	1110
38.1	1 1/2	552	848	939	1035	607	915	1013	1116
40		608	935	1035	1140	669	1008	1116	1230
41.3	1 5/8	648	996	1103	1216	713	1075	1190	1312
44		736	1131	1252	1380	809	1220	1351	1489
44.5	1 3/4	752	1157	1281	1412	828	1248	1382	1523
45		770	1183	1310	1443	846	1276	1413	1557
47.6	1 7/8	861	1323	1465	1615	947	1428	1581	1742
48		876	1346	1490	1642	963	1452	1608	1772
50.8	2	981	1507	1669	1839	1079	1626	1801	1984
51		988	1519	1682	1854	1087	1639	1815	2000
52		1028	1579	1749	1927	1130	1704	1887	2079
54	2 1/8	1108	1703	1886	2079	1219	1837	2035	2242
56		1192	1832	2028	2235	1311	1976	2188	2411
57.2	2 1/4	1243	1911	2116	2332	1368	2062	2283	2516
60		1368	2103	2328	2566	1505	2268	2512	2768
60.3	2 3/8	1382	2124	2352	2592	1520	2291	2537	2796
62		1461	2245	2486	2740	1607	2422	2682	2956
63.5	2 1/2	1532	2355	2608	2874	1685	2541	2814	3101
64		1556	2392	2649	2920	1712	2581	2858	3150
68		1757	2701	2991	3296	1933	2914	3226	3556
72		1970	3028	3353	3695	2167	3267	3617	3986
76		2195	3374	3736	4117	2414	3640	4030	4442
80		2432	3738	4140	4562	2675	4033	4466	4921

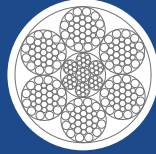
# 6x31WS



FC



WSC

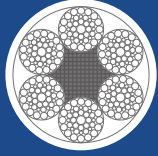


IWRC



Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤10mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.42	5.26	5.82	6.42	3.76	5.67	6.28	6.92
4		6.08	9.35	10.3	11.4	6.69	10.1	11.2	12.3
5		9.50	14.6	16.2	17.8	10.5	15.8	17.4	19.2
6		13.7	21.0	23.3	25.7	15.0	22.7	25.1	27.7
6.35	1/4	15.3	23.6	26.1	28.7	16.9	25.4	28.1	31.0
7		18.6	28.6	31.7	34.9	20.5	30.9	34.2	37.7
7.94	5/16	24.0	36.8	40.8	44.9	26.4	39.7	44.0	48.5
8		24.3	37.4	41.4	45.6	26.8	40.3	44.7	49.2
9		30.8	47.3	52.4	57.7	33.9	51.0	56.5	62.3
9.5	3/8	34.3	52.7	58.4	64.3	37.7	56.9	63.0	69.4
10		38.0	58.4	64.7	71.3	41.8	63.0	69.8	76.9
11		46.0	70.7	78.3	86.2	50.6	76.2	84.4	93.0
11.1	7/16	46.8	72.0	79.7	87.8	51.5	77.6	86.0	94.7
12		54.7	84.1	93.1	103	60.2	90.7	100	111
12.7	1/2	61.3	94.2	104	115	67.4	102	113	124
13		64.2	98.7	109	120	70.6	106	118	130
14		74.5	114	127	140	81.9	124	137	151
14.3	9/16	77.7	119	132	146	85.5	129	143	157
15.9	5/8	96.1	148	164	180	106	159	176	194
16		97.3	150	166	182	107	161	179	197
18		123	189	210	231	135	204	226	249
19		137	211	233	257	151	227	252	278
19.1	3/4	139	213	236	260	152	230	255	281
20		152	234	259	285	167	252	279	308
22		184	283	313	345	202	305	338	372
22.2	7/8	187	288	319	351	206	311	344	379
24		219	336	373	411	241	363	402	443
25.4	1	245	377	417	460	270	407	450	496
26		257	395	437	482	283	426	472	520
28		298	458	507	559	328	494	547	603
28.6	1 1/8	311	478	529	583	342	515	571	629
31.8	1 1/4	384	591	654	721	423	637	706	778
32		389	598	662	730	428	645	715	787
34.9	1 3/8	463	711	788	868	509	767	850	937
35		466	716	792	873	512	772	855	942
36		492	757	838	924	542	817	904	997
38		549	843	934	1029	604	910	1008	1110
38.1	1 1/2	552	848	939	1035	607	915	1013	1116
40		608	935	1035	1140	669	1008	1116	1230
41.3	1 5/8	648	996	1103	1216	713	1075	1190	1312
44		736	1131	1252	1380	809	1220	1351	1489
44.5	1 3/4	752	1157	1281	1412	828	1248	1382	1523
45		770	1183	1310	1443	846	1276	1413	1557
47.6	1 7/8	861	1323	1465	1615	947	1428	1581	1742
48		876	1346	1490	1642	963	1452	1608	1772
50.8	2	981	1507	1669	1839	1079	1626	1801	1984
51		988	1519	1682	1854	1087	1639	1815	2000
52		1028	1579	1749	1927	1130	1704	1887	2079
54	2 1/8	1108	1703	1886	2079	1219	1837	2035	2242
56		1192	1832	2028	2235	1311	1976	2188	2411
57.2	2 1/4	1243	1911	2116	2332	1368	2062	2283	2516
60		1368	2103	2328	2566	1505	2268	2512	2768
60.3	2 3/8	1382	2124	2352	2592	1520	2291	2537	2796
62		1461	2245	2486	2740	1607	2422	2682	2956
63.5	2 1/2	1532	2355	2608	2874	1685	2541	2814	3101
64		1556	2392	2649	2920	1712	2581	2858	3150
68		1757	2701	2991	3296	1933	2914	3226	3556
72		1970	3028	3353	3695	2167	3267	3617	3986
76		2195	3374	3736	4117	2414	3640	4030	4442
80		2432	3738	4140	4562	2675	4033	4466	4921

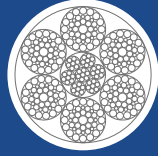
# 6x41WS



FC



WSC

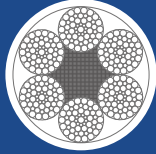


IWRC

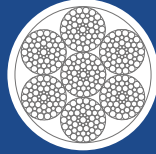


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤10mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.42	5.26	5.82	6.42	3.76	5.67	6.28	6.92
4		6.08	9.35	10.3	11.4	6.69	10.1	11.2	12.3
5		9.50	14.6	16.2	17.8	10.5	15.8	17.4	19.2
6		13.7	21.0	23.3	25.7	15.0	22.7	25.1	27.7
6.35	1/4	15.3	23.6	26.1	28.7	16.9	25.4	28.1	31.0
7		18.6	28.6	31.7	34.9	20.5	30.9	34.2	37.7
7.94	5/16	24.0	36.8	40.8	44.9	26.4	39.7	44.0	48.5
8		24.3	37.4	41.4	45.6	26.8	40.3	44.7	49.2
9		30.8	47.3	52.4	57.7	33.9	51.0	56.5	62.3
9.5	3/8	34.3	52.7	58.4	64.3	37.7	56.9	63.0	69.4
10		38.0	58.4	64.7	71.3	41.8	63.0	69.8	76.9
11		46.0	70.7	78.3	86.2	50.6	76.2	84.4	93.0
11.1	7/16	46.8	72.0	79.7	87.8	51.5	77.6	86.0	94.7
12		54.7	84.1	93.1	103	60.2	90.7	100	111
12.7	1/2	61.3	94.2	104	115	67.4	102	113	124
13		64.2	98.7	109	120	70.6	106	118	130
14		74.5	114	127	140	81.9	124	137	151
14.3	9/16	77.7	119	132	146	85.5	129	143	157
15.9	5/8	96.1	148	164	180	106	159	176	194
16		97.3	150	166	182	107	161	179	197
18		123	189	210	231	135	204	226	249
19		137	211	233	257	151	227	252	278
19.1	3/4	139	213	236	260	152	230	255	281
20		152	234	259	285	167	252	279	308
22		184	283	313	345	202	305	338	372
22.2	7/8	187	288	319	351	206	311	344	379
24		219	336	373	411	241	363	402	443
25.4	1	245	377	417	460	270	407	450	496
26		257	395	437	482	283	426	472	520
28		298	458	507	559	328	494	547	603
28.6	1 1/8	311	478	529	583	342	515	571	629
31.8	1 1/4	384	591	654	721	423	637	706	778
32		389	598	662	730	428	645	715	787
34.9	1 3/8	463	711	788	868	509	767	850	937
35		466	716	792	873	512	772	855	942
36		492	757	838	924	542	817	904	997
38		549	843	934	1029	604	910	1008	1110
38.1	1 1/2	552	848	939	1035	607	915	1013	1116
40		608	935	1035	1140	669	1008	1116	1230
41.3	1 5/8	648	996	1103	1216	713	1075	1190	1312
44		736	1131	1252	1380	809	1220	1351	1489
44.5	1 3/4	752	1157	1281	1412	828	1248	1382	1523
45		770	1183	1310	1443	846	1276	1413	1557
47.6	1 7/8	861	1323	1465	1615	947	1428	1581	1742
48		876	1346	1490	1642	963	1452	1608	1772
50.8	2	981	1507	1669	1839	1079	1626	1801	1984
51		988	1519	1682	1854	1087	1639	1815	2000
52		1028	1579	1749	1927	1130	1704	1887	2079
54	2 1/8	1108	1703	1886	2079	1219	1837	2035	2242
56		1192	1832	2028	2235	1311	1976	2188	2411
57.2	2 1/4	1243	1911	2116	2332	1368	2062	2283	2516
60		1368	2103	2328	2566	1505	2268	2512	2768
60.3	2 3/8	1382	2124	2352	2592	1520	2291	2537	2796
62		1461	2245	2486	2740	1607	2422	2682	2956
63.5	2 1/2	1532	2355	2608	2874	1685	2541	2814	3101
64		1556	2392	2649	2920	1712	2581	2858	3150
68		1757	2701	2991	3296	1933	2914	3226	3556
72		1970	3028	3353	3695	2167	3267	3617	3986
76		2195	3374	3736	4117	2414	3640	4030	4442
80		2432	3738	4140	4562	2675	4033	4466	4921

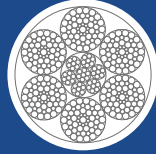
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FC



WSC

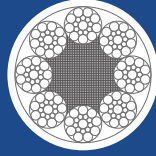


IWRC



Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤10mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.42	5.26	5.82	6.42	3.76	5.67	6.28	6.92
4		6.08	9.35	10.3	11.4	6.69	10.1	11.2	12.3
5		9.50	14.6	16.2	17.8	10.5	15.8	17.4	19.2
6		13.7	21.0	23.3	25.7	15.0	22.7	25.1	27.7
6.35	1/4	15.3	23.6	26.1	28.7	16.9	25.4	28.1	31.0
7		18.6	28.6	31.7	34.9	20.5	30.9	34.2	37.7
7.94	5/16	24.0	36.8	40.8	44.9	26.4	39.7	44.0	48.5
8		24.3	37.4	41.4	45.6	26.8	40.3	44.7	49.2
9		30.8	47.3	52.4	57.7	33.9	51.0	56.5	62.3
9.5	3/8	34.3	52.7	58.4	64.3	37.7	56.9	63.0	69.4
10		38.0	58.4	64.7	71.3	41.8	63.0	69.8	76.9
11		46.0	70.7	78.3	86.2	50.6	76.2	84.4	93.0
11.1	7/16	46.8	72.0	79.7	87.8	51.5	77.6	86.0	94.7
12		54.7	84.1	93.1	103	60.2	90.7	100	111
12.7	1/2	61.3	94.2	104	115	67.4	102	113	124
13		64.2	98.7	109	120	70.6	106	118	130
14		74.5	114	127	140	81.9	124	137	151
14.3	9/16	77.7	119	132	146	85.5	129	143	157
15.9	5/8	96.1	148	164	180	106	159	176	194
16		97.3	150	166	182	107	161	179	197
18		123	189	210	231	135	204	226	249
19		137	211	233	257	151	227	252	278
19.1	3/4	139	213	236	260	152	230	255	281
20		152	234	259	285	167	252	279	308
22		184	283	313	345	202	305	338	372
22.2	7/8	187	288	319	351	206	311	344	379
24		219	336	373	411	241	363	402	443
25.4	1	245	377	417	460	270	407	450	496
26		257	395	437	482	283	426	472	520
28		298	458	507	559	328	494	547	603
28.6	1 1/8	311	478	529	583	342	515	571	629
31.8	1 1/4	384	591	654	721	423	637	706	778
32		389	598	662	730	428	645	715	787
34.9	1 3/8	463	711	788	868	509	767	850	937
35		466	716	792	873	512	772	855	942
36		492	757	838	924	542	817	904	997
38		549	843	934	1029	604	910	1008	1110
38.1	1 1/2	552	848	939	1035	607	915	1013	1116
40		608	935	1035	1140	669	1008	1116	1230
41.3	1 5/8	648	996	1103	1216	713	1075	1190	1312
44		736	1131	1252	1380	809	1220	1351	1489
44.5	1 3/4	752	1157	1281	1412	828	1248	1382	1523
45		770	1183	1310	1443	846	1276	1413	1557
47.6	1 7/8	861	1323	1465	1615	947	1428	1581	1742
48		876	1346	1490	1642	963	1452	1608	1772
50.8	2	981	1507	1669	1839	1079	1626	1801	1984
51		988	1519	1682	1854	1087	1639	1815	2000
52		1028	1579	1749	1927	1130	1704	1887	2079
54	2 1/8	1108	1703	1886	2079	1219	1837	2035	2242
56		1192	1832	2028	2235	1311	1976	2188	2411
57.2	2 1/4	1243	1911	2116	2332	1368	2062	2283	2516
60		1368	2103	2328	2566	1505	2268	2512	2768
60.3	2 3/8	1382	2124	2352	2592	1520	2291	2537	2796
62		1461	2245	2486	2740	1607	2422	2682	2956
63.5	2 1/2	1532	2355	2608	2874	1685	2541	2814	3101
64		1556	2392	2649	2920	1712	2581	2858	3150
68		1757	2701	2991	3296	1933	2914	3226	3556
72		1970	3028	3353	3695	2167	3267	3617	3986
76		2195	3374	3736	4117	2414	3640	4030	4442
80		2432	3738	4140	4562	2675	4033	4466	4921

# 8x19S

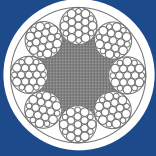


FC



Nominal rope		Nominal tensile strength (MPa)			
		Minimum breaking load (kN)			
Size		FC			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.21	4.67	5.17	5.70
4		5.71	8.30	9.19	10.1
5		8.93	13.0	14.4	15.8
6		12.9	18.7	20.7	22.8
6.35	1/4	14.4	20.9	23.2	25.5
7		17.5	25.4	28.1	31.0
7.94	5/16	22.5	32.7	36.2	39.9
8		22.8	33.2	36.8	40.5
9		28.9	42.0	46.5	51.3
9.5	3/8	32.2	46.8	51.8	57.1
10		35.7	51.9	57.4	63.3
11		43.2	62.8	69.5	76.6
11.1	7/16	44.0	63.9	70.8	78.0
12		51.4	74.7	82.7	91.1
12.7	1/2	57.6	83.6	92.6	102
13		60.3	87.6	97.1	107
14		70.0	102	113	124
14.3	9/16	73.0	106	117	129
15.9	5/8	90.3	131	145	160
16		91.4	133	147	162
18		116	168	186	205
19		129	187	207	228
19.1	3/4	130	189	210	231
20		143	207	230	253
22		173	251	278	306
22.2	7/8	176	256	283	312
24		206	299	331	365
25.4	1	230	335	371	408
26		241	351	388	428
28		280	407	450	496
28.6	1 1/8	292	424	470	518
31.8	1 1/4	361	524	581	640
32		366	531	588	648
34.9	1 3/8	435	632	699	771
35		437	635	703	775
36		463	672	744	820
38		516	749	829	914
38.1	1 1/2	518	753	834	919
40		571	830	919	1013
41.3	1 5/8	609	885	980	1079
44		691	1004	1112	1225
44.5	1 3/4	707	1027	1137	1253
45		723	1050	1163	1282
47.6	1 7/8	809	1175	1301	1434
48		823	1195	1323	1458
50.8	2	921	1338	1482	1633
51		929	1349	1494	1646
52		965	1402	1553	1711
54	2 1/8	1041	1512	1675	1845
56		1120	1626	1801	1985
57.2	2 1/4	1168	1697	1879	2071
60		1285	1867	2067	2278
60.3	2 3/8	1298	1886	2088	2301
62		1372	1994	2208	2433
63.5	2 1/2	1440	2091	2316	2552
64		1462	2124	2352	2592

# 8x19W



FC



WSC

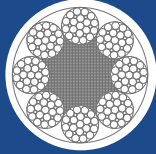


IWRC

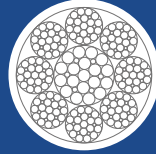


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤10mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.25	4.67	5.17	5.7	3.92	5.51	6.10	6.73
4		5.77	8.30	9.19	10.1	6.96	9.80	10.9	12.0
5		8.03	13.0	14.4	15.8	10.9	15.3	17.0	18.7
6		12.0	18.7	20.7	22.8	15.7	22.0	24.4	26.9
6.35	1/4	14.5	20.9	23.2	25.5	17.5	24.7	27.3	30.1
7		17.3	25.4	28.1	31.0	21.3	30.0	33.2	36.6
7.94	5/16	22.3	32.7	36.2	39.9	27.4	38.6	42.8	47.1
8		22.8	33.2	36.8	40.5	27.8	39.2	43.4	47.8
9		28.0	42.0	46.5	51.3	35.2	49.6	54.9	60.5
9.5	3/8	32.2	46.8	51.8	57.1	39.3	55.3	61.2	67.4
10		36.7	51.9	57.4	63.3	43.5	61.2	67.8	74.7
11		43.0	62.8	69.5	76.6	52.6	74.1	82.1	90.4
11.1	7/16	44.0	63.9	70.8	78.0	53.6	75.5	83.6	92.1
12		51.0	74.7	82.7	91.1	62.6	88.2	97.7	108
12.7	1/2	58.0	83.6	92.6	102	70.2	98.8	109	121
13		60.9	87.6	97.1	107	73.5	103	115	126
14		70.0	102	113	124	85.3	120	133	146
14.3	9/16	73.0	106	117	129	89.0	125	139	153
15.9	5/8	90.2	131	145	160	110	155	171	189
16		92.3	133	147	162	111	157	174	191
18		116	168	186	205	141	198	220	242
19		120	187	207	228	157	221	245	270
19.1	3/4	130	189	210	231	159	223	247	273
20		143	207	230	253	174	245	271	299
22		173	251	278	306	211	296	328	362
22.2	7/8	176	256	283	312	214	302	334	368
24		206	299	331	365	251	353	391	430
25.4	1	230	335	371	408	281	395	438	482
26		244	351	388	428	294	414	458	505
28		280	407	450	496	341	480	532	586
28.6	1 1/8	292	424	470	518	356	501	555	611
31.8	1 1/4	365	524	581	640	440	619	686	756
32		360	531	588	648	445	627	694	765
34.9	1 3/8	439	632	699	771	530	746	826	910
35		432	635	703	775	533	750	831	916
36		463	672	744	820	564	794	879	969
38		526	749	829	914	628	884	979	1079
38.1	1 1/2	528	753	834	919	631	889	984	1085
40		577	830	919	1013	696	980	1085	1196
41.3	1 5/8	609	885	980	1079	742	1045	1157	1275
44		698	1004	1112	1225	842	1186	1313	1447
44.5	1 3/4	707	1027	1137	1253	861	1213	1343	1480
45		720	1050	1163	1282	881	1240	1373	1513
47.6	1 7/8	809	1175	1301	1434	986	1388	1537	1693
48		823	1195	1323	1458	1002	1411	1562	1722
50.8	2	921	1338	1482	1633	1123	1580	1750	1929
51		920	1349	1494	1646	1131	1593	1764	1944
52		965	1402	1553	1711	1176	1656	1834	2021
54	2 1/8	1051	1512	1675	1845	1268	1786	1978	2179
56		1120	1626	1801	1985	1364	1921	2127	2344
57.2	2 1/4	1160	1697	1879	2071	1423	2004	2219	2445
60		1298	1867	2067	2278	1566	2205	2441	2690
60.3	2 3/8	1298	1886	2088	2301	1582	2227	2466	2717
62		1380	1994	2208	2433	1672	2354	2607	2873
63.5	2 1/2	1450	2091	2316	2552	1754	2469	2735	3014
64		1462	2124	2352	2592	1782	2508	2778	3061

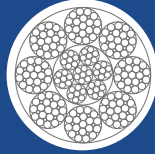
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FC



WSC

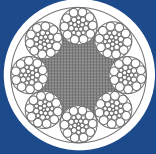


IWRC

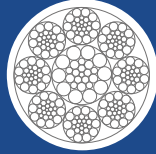


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤10mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.21	4.67	5.17	5.7	3.92	5.51	6.10	6.73
4		5.71	8.30	9.19	10.1	6.96	9.80	10.9	12.0
5		8.93	13.0	14.4	15.8	10.9	15.3	17.0	18.7
6		12.9	18.7	20.7	22.8	15.7	22.0	24.4	26.9
6.35	1/4	14.4	20.9	23.2	25.5	17.5	24.7	27.3	30.1
7		17.5	25.4	28.1	31.0	21.3	30.0	33.2	36.6
7.94	5/16	22.5	32.7	36.2	39.9	27.4	38.6	42.8	47.1
8		22.8	33.2	36.8	40.5	27.8	39.2	43.4	47.8
9		28.9	42.0	46.5	51.3	35.2	49.6	54.9	60.5
9.5	3/8	32.2	46.8	51.8	57.1	39.3	55.3	61.2	67.4
10		35.7	51.9	57.4	63.3	43.5	61.2	67.8	74.7
11		43.2	62.8	69.5	76.6	52.6	74.1	82.1	90.4
11.1	7/16	44.0	63.9	70.8	78.0	53.6	75.5	83.6	92.1
12		51.4	74.7	82.7	91.1	62.6	88.2	97.7	108
12.7	1/2	57.6	83.6	92.6	102	70.2	98.8	109	121
13		60.3	87.6	97.1	107	73.5	103	115	126
14		70.0	102	113	124	85.3	120	133	146
14.3	9/16	73.0	106	117	129	89.0	125	139	153
15.9	5/8	90.3	131	145	160	110	155	171	189
16		91.4	133	147	162	111	157	174	191
18		116	168	186	205	141	198	220	242
19		129	187	207	228	157	221	245	270
19.1	3/4	130	189	210	231	159	223	247	273
20		143	207	230	253	174	245	271	299
22		173	251	278	306	211	296	328	362
22.2	7/8	176	256	283	312	214	302	334	368
24		206	299	331	365	251	353	391	430
25.4	1	230	335	371	408	281	395	438	482
26		241	351	388	428	294	414	458	505
28		280	407	450	496	341	480	532	586
28.6	1 1/8	292	424	470	518	356	501	555	611
31.8	1 1/4	361	524	581	640	440	619	686	756
32		366	531	588	648	445	627	694	765
34.9	1 3/8	435	632	699	771	530	746	826	910
35		437	635	703	775	533	750	831	916
36		463	672	744	820	564	794	879	969
38		516	749	829	914	628	884	979	1079
38.1	1 1/2	518	753	834	919	631	889	984	1085
40		571	830	919	1013	696	980	1085	1196
41.3	1 5/8	609	885	980	1079	742	1045	1157	1275
44		691	1004	1112	1225	842	1186	1313	1447
44.5	1 3/4	707	1027	1137	1253	861	1213	1343	1480
45		723	1050	1163	1282	881	1240	1373	1513
47.6	1 7/8	809	1175	1301	1434	986	1388	1537	1693
48		823	1195	1323	1458	1002	1411	1562	1722
50.8	2	921	1338	1482	1633	1123	1580	1750	1929
51		929	1349	1494	1646	1131	1593	1764	1944
52		965	1402	1553	1711	1176	1656	1834	2021
54	2 1/8	1041	1512	1675	1845	1268	1786	1978	2179
56		1120	1626	1801	1985	1364	1921	2127	2344
57.2	2 1/4	1168	1697	1879	2071	1423	2004	2219	2445
60		1285	1867	2067	2278	1566	2205	2441	2690
60.3	2 3/8	1298	1886	2088	2301	1582	2227	2466	2717
62		1372	1994	2208	2433	1672	2354	2607	2873
63.5	2 1/2	1440	2091	2316	2552	1754	2469	2735	3014
64		1462	2124	2352	2592	1782	2508	2778	3061

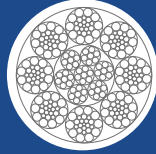
# 8x26WS



FC



WSC

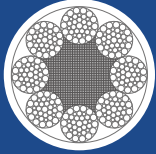


IWRC

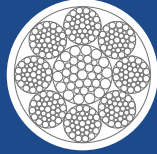


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤10mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.21	4.67	5.17	5.7	3.92	5.51	6.10	6.73
4		5.71	8.30	9.19	10.1	6.96	9.80	10.9	12.0
5		8.93	13.0	14.4	15.8	10.9	15.3	17.0	18.7
6		12.9	18.7	20.7	22.8	15.7	22.0	24.4	26.9
6.35	1/4	14.4	20.9	23.2	25.5	17.5	24.7	27.3	30.1
7		17.5	25.4	28.1	31.0	21.3	30.0	33.2	36.6
7.94	5/16	22.5	32.7	36.2	39.9	27.4	38.6	42.8	47.1
8		22.8	33.2	36.8	40.5	27.8	39.2	43.4	47.8
9		28.9	42.0	46.5	51.3	35.2	49.6	54.9	60.5
9.5	3/8	32.2	46.8	51.8	57.1	39.3	55.3	61.2	67.4
10		35.7	51.9	57.4	63.3	43.5	61.2	67.8	74.7
11		43.2	62.8	69.5	76.6	52.6	74.1	82.1	90.4
11.1	7/16	44.0	63.9	70.8	78.0	53.6	75.5	83.6	92.1
12		51.4	74.7	82.7	91.1	62.6	88.2	97.7	108
12.7	1/2	57.6	83.6	92.6	102	70.2	98.8	109	121
13		60.3	87.6	97.1	107	73.5	103	115	126
14		70.0	102	113	124	85.3	120	133	146
14.3	9/16	73.0	106	117	129	89.0	125	139	153
15.9	5/8	90.3	131	145	160	110	155	171	189
16		91.4	133	147	162	111	157	174	191
18		116	168	186	205	141	198	220	242
19		129	187	207	228	157	221	245	270
19.1	3/4	130	189	210	231	159	223	247	273
20		143	207	230	253	174	245	271	299
22		173	251	278	306	211	296	328	362
22.2	7/8	176	256	283	312	214	302	334	368
24		206	299	331	365	251	353	391	430
25.4	1	230	335	371	408	281	395	438	482
26		241	351	388	428	294	414	458	505
28		280	407	450	496	341	480	532	586
28.6	1 1/8	292	424	470	518	356	501	555	611
31.8	1 1/4	361	524	581	640	440	619	686	756
32		366	531	588	648	445	627	694	765
34.9	1 3/8	435	632	699	771	530	746	826	910
35		437	635	703	775	533	750	831	916
36		463	672	744	820	564	794	879	969
38		516	749	829	914	628	884	979	1079
38.1	1 1/2	518	753	834	919	631	889	984	1085
40		571	830	919	1013	696	980	1085	1196
41.3	1 5/8	609	885	980	1079	742	1045	1157	1275
44		691	1004	1112	1225	842	1186	1313	1447
44.5	1 3/4	707	1027	1137	1253	861	1213	1343	1480
45		723	1050	1163	1282	881	1240	1373	1513
47.6	1 7/8	809	1175	1301	1434	986	1388	1537	1693
48		823	1195	1323	1458	1002	1411	1562	1722
50.8	2	921	1338	1482	1633	1123	1580	1750	1929
51		929	1349	1494	1646	1131	1593	1764	1944
52		965	1402	1553	1711	1176	1656	1834	2021
54	2 1/8	1041	1512	1675	1845	1268	1786	1978	2179
56		1120	1626	1801	1985	1364	1921	2127	2344
57.2	2 1/4	1168	1697	1879	2071	1423	2004	2219	2445
60		1285	1867	2067	2278	1566	2205	2441	2690
60.3	2 3/8	1298	1886	2088	2301	1582	2227	2466	2717
62		1372	1994	2208	2433	1672	2354	2607	2873
63.5	2 1/2	1440	2091	2316	2552	1754	2469	2735	3014
64		1462	2124	2352	2592	1782	2508	2778	3061

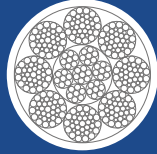
# 8x36WS



FC



WSC

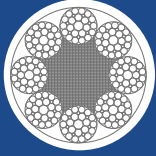


IWRC

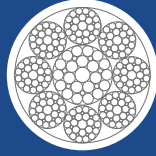


Nominal rope		Nominal tensile strength (MPa)			
		Minimum breaking load (kN)			
Size		FC			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.21	4.67	5.17	5.70
4		5.71	8.30	9.19	10.1
5		8.93	13.0	14.4	15.8
6		12.9	18.7	20.7	22.8
6.35	1/4	14.4	20.9	23.2	25.5
7		17.5	25.4	28.1	31.0
7.94	5/16	22.5	32.7	36.2	39.9
8		22.8	33.2	36.8	40.5
9		28.9	42.0	46.5	51.3
9.5	3/8	32.2	46.8	51.8	57.1
10		35.7	51.9	57.4	63.3
11		43.2	62.8	69.5	76.6
11.1	7/16	44.0	63.9	70.8	78.0
12		51.4	74.7	82.7	91.1
12.7	1/2	57.6	83.6	92.6	102
13		60.3	87.6	97.1	107
14		70.0	102	113	124
14.3	9/16	73.0	106	117	129
15.9	5/8	90.3	131	145	160
16		91.4	133	147	162
18		116	168	186	205
19		129	187	207	228
19.1	3/4	130	189	210	231
20		143	207	230	253
22		173	251	278	306
22.2	7/8	176	256	283	312
24		206	299	331	365
25.4	1	230	335	371	408
26		241	351	388	428
28		280	407	450	496
28.6	1 1/8	292	424	470	518
31.8	1 1/4	361	524	581	640
32		366	531	588	648
34.9	1 3/8	435	632	699	771
35		437	635	703	775
36		463	672	744	820
38		516	749	829	914
38.1	1 1/2	518	753	834	919
40		571	830	919	1013
41.3	1 5/8	609	885	980	1079
44		691	1004	1112	1225
44.5	1 3/4	707	1027	1137	1253
45		723	1050	1163	1282
47.6	1 7/8	809	1175	1301	1434
48		823	1195	1323	1458
50.8	2	921	1338	1482	1633
51		929	1349	1494	1646
52		965	1402	1553	1711
54	2 1/8	1041	1512	1675	1845
56		1120	1626	1801	1985
57.2	2 1/4	1168	1697	1879	2071
60		1350	1867	2067	2278
60.3	2 3/8	1364	1886	2088	2301
62		1442	1994	2208	2433
63.5	2 1/2	1512	2091	2316	2552
64		1536	2124	2352	2592

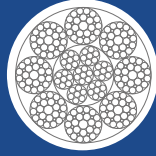
# 8x29Fi



FC



WSC

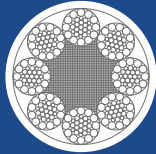


IWRC

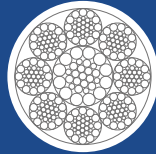


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤10mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.21	4.67	5.17	5.7	3.92	5.51	6.10	6.73
4		5.71	8.30	9.19	10.1	6.96	9.80	10.9	12.0
5		8.93	13.0	14.4	15.8	10.9	15.3	17.0	18.7
6		12.9	18.7	20.7	22.8	15.7	22.0	24.4	26.9
6.35	1/4	14.4	20.9	23.2	25.5	17.5	24.7	27.3	30.1
7		17.5	25.4	28.1	31.0	21.3	30.0	33.2	36.6
7.94	5/16	22.5	32.7	36.2	39.9	27.4	38.6	42.8	47.1
8		22.8	33.2	36.8	40.5	27.8	39.2	43.4	47.8
9		28.9	42.0	46.5	51.3	35.2	49.6	54.9	60.5
9.5	3/8	32.2	46.8	51.8	57.1	39.3	55.3	61.2	67.4
10		35.7	51.9	57.4	63.3	43.5	61.2	67.8	74.7
11		43.2	62.8	69.5	76.6	52.6	74.1	82.1	90.4
11.1	7/16	44.0	63.9	70.8	78.0	53.6	75.5	83.6	92.1
12		51.4	74.7	82.7	91.1	62.6	88.2	97.7	108
12.7	1/2	57.6	83.6	92.6	102	70.2	98.8	109	121
13		60.3	87.6	97.1	107	73.5	103	115	126
14		70.0	102	113	124	85.3	120	133	146
14.3	9/16	73.0	106	117	129	89.0	125	139	153
15.9	5/8	90.3	131	145	160	110	155	171	189
16		91.4	133	147	162	111	157	174	191
18		116	168	186	205	141	198	220	242
19		129	187	207	228	157	221	245	270
19.1	3/4	130	189	210	231	159	223	247	273
20		143	207	230	253	174	245	271	299
22		173	251	278	306	211	296	328	362
22.2	7/8	176	256	283	312	214	302	334	368
24		206	299	331	365	251	353	391	430
25.4	1	230	335	371	408	281	395	438	482
26		241	351	388	428	294	414	458	505
28		280	407	450	496	341	480	532	586
28.6	1 1/8	292	424	470	518	356	501	555	611
31.8	1 1/4	361	524	581	640	440	619	686	756
32		366	531	588	648	445	627	694	765
34.9	1 3/8	435	632	699	771	530	746	826	910
35		437	635	703	775	533	750	831	916
36		463	672	744	820	564	794	879	969
38		516	749	829	914	628	884	979	1079
38.1	1 1/2	518	753	834	919	631	889	984	1085
40		571	830	919	1013	696	980	1085	1196
41.3	1 5/8	609	885	980	1079	742	1045	1157	1275
44		691	1004	1112	1225	842	1186	1313	1447
44.5	1 3/4	707	1027	1137	1253	861	1213	1343	1480
45		723	1050	1163	1282	881	1240	1373	1513
47.6	1 7/8	809	1175	1301	1434	986	1388	1537	1693
48		823	1195	1323	1458	1002	1411	1562	1722
50.8	2	921	1338	1482	1633	1123	1580	1750	1929
51		929	1349	1494	1646	1131	1593	1764	1944
52		965	1402	1553	1711	1176	1656	1834	2021
54	2 1/8	1041	1512	1675	1845	1268	1786	1978	2179
56		1120	1626	1801	1985	1364	1921	2127	2344
57.2	2 1/4	1168	1697	1879	2071	1423	2004	2219	2445
60		1285	1867	2067	2278	1566	2205	2441	2690
60.3	2 3/8	1298	1886	2088	2301	1582	2227	2466	2717
62		1372	1994	2208	2433	1672	2354	2607	2873
63.5	2 1/2	1440	2091	2316	2552	1754	2469	2735	3014
64		1462	2124	2352	2592	1782	2508	2778	3061

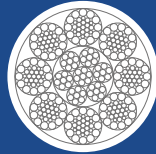
# 8x31WS



FC



WSC

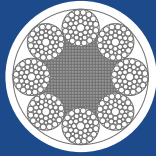


IWRC

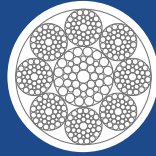


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤10mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.21	4.67	5.17	5.7	3.92	5.51	6.10	6.73
4		5.71	8.30	9.19	10.1	6.96	9.80	10.9	12.0
5		8.93	13.0	14.4	15.8	10.9	15.3	17.0	18.7
6		12.9	18.7	20.7	22.8	15.7	22.0	24.4	26.9
6.35	1/4	14.4	20.9	23.2	25.5	17.5	24.7	27.3	30.1
7		17.5	25.4	28.1	31.0	21.3	30.0	33.2	36.6
7.94	5/16	22.5	32.7	36.2	39.9	27.4	38.6	42.8	47.1
8		22.8	33.2	36.8	40.5	27.8	39.2	43.4	47.8
9		28.9	42.0	46.5	51.3	35.2	49.6	54.9	60.5
9.5	3/8	32.2	46.8	51.8	57.1	39.3	55.3	61.2	67.4
10		35.7	51.9	57.4	63.3	43.5	61.2	67.8	74.7
11		43.2	62.8	69.5	76.6	52.6	74.1	82.1	90.4
11.1	7/16	44.0	63.9	70.8	78.0	53.6	75.5	83.6	92.1
12		51.4	74.7	82.7	91.1	62.6	88.2	97.7	108
12.7	1/2	57.6	83.6	92.6	102	70.2	98.8	109	121
13		60.3	87.6	97.1	107	73.5	103	115	126
14		70.0	102	113	124	85.3	120	133	146
14.3	9/16	73.0	106	117	129	89.0	125	139	153
15.9	5/8	90.3	131	145	160	110	155	171	189
16		91.4	133	147	162	111	157	174	191
18		116	168	186	205	141	198	220	242
19		129	187	207	228	157	221	245	270
19.1	3/4	130	189	210	231	159	223	247	273
20		143	207	230	253	174	245	271	299
22		173	251	278	306	211	296	328	362
22.2	7/8	176	256	283	312	214	302	334	368
24		206	299	331	365	251	353	391	430
25.4	1	230	335	371	408	281	395	438	482
26		241	351	388	428	294	414	458	505
28		280	407	450	496	341	480	532	586
28.6	1 1/8	292	424	470	518	356	501	555	611
31.8	1 1/4	361	524	581	640	440	619	686	756
32		366	531	588	648	445	627	694	765
34.9	1 3/8	435	632	699	771	530	746	826	910
35		437	635	703	775	533	750	831	916
36		463	672	744	820	564	794	879	969
38		516	749	829	914	628	884	979	1079
38.1	1 1/2	518	753	834	919	631	889	984	1085
40		571	830	919	1013	696	980	1085	1196
41.3	1 5/8	609	885	980	1079	742	1045	1157	1275
44		691	1004	1112	1225	842	1186	1313	1447
44.5	1 3/4	707	1027	1137	1253	861	1213	1343	1480
45		723	1050	1163	1282	881	1240	1373	1513
47.6	1 7/8	809	1175	1301	1434	986	1388	1537	1693
48		823	1195	1323	1458	1002	1411	1562	1722
50.8	2	921	1338	1482	1633	1123	1580	1750	1929
51		929	1349	1494	1646	1131	1593	1764	1944
52		965	1402	1553	1711	1176	1656	1834	2021
54	2 1/8	1041	1512	1675	1845	1268	1786	1978	2179
56		1120	1626	1801	1985	1364	1921	2127	2344
57.2	2 1/4	1168	1697	1879	2071	1423	2004	2219	2445
60		1350	1867	2067	2278	1602	2205	2441	2690
60.3	2 3/8	1364	1886	2088	2301	1618	2227	2466	2717
62		1442	1994	2208	2433	1711	2354	2607	2873
63.5	2 1/2	1512	2091	2316	2552	1794	2469	2735	3014
64		1536	2124	2352	2592	1823	2508	2778	3061

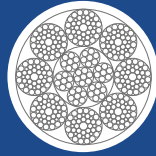
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FC



WSC

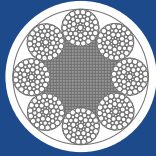


IWRC

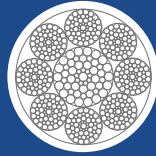


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤10mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.21	4.67	5.17	5.7	3.92	5.51	6.10	6.73
4		5.71	8.30	9.19	10.1	6.96	9.80	10.9	12.0
5		8.93	13.0	14.4	15.8	10.9	15.3	17.0	18.7
6		12.9	18.7	20.7	22.8	15.7	22.0	24.4	26.9
6.35	1/4	14.4	20.9	23.2	25.5	17.5	24.7	27.3	30.1
7		17.5	25.4	28.1	31.0	21.3	30.0	33.2	36.6
7.94	5/16	22.5	32.7	36.2	39.9	27.4	38.6	42.8	47.1
8		22.8	33.2	36.8	40.5	27.8	39.2	43.4	47.8
9		28.9	42.0	46.5	51.3	35.2	49.6	54.9	60.5
9.5	3/8	32.2	46.8	51.8	57.1	39.3	55.3	61.2	67.4
10		35.7	51.9	57.4	63.3	43.5	61.2	67.8	74.7
11		43.2	62.8	69.5	76.6	52.6	74.1	82.1	90.4
11.1	7/16	44.0	63.9	70.8	78.0	53.6	75.5	83.6	92.1
12		51.4	74.7	82.7	91.1	62.6	88.2	97.7	108
12.7	1/2	57.6	83.6	92.6	102	70.2	98.8	109	121
13		60.3	87.6	97.1	107	73.5	103	115	126
14		70.0	102	113	124	85.3	120	133	146
14.3	9/16	73.0	106	117	129	89.0	125	139	153
15.9	5/8	90.3	131	145	160	110	155	171	189
16		91.4	133	147	162	111	157	174	191
18		116	168	186	205	141	198	220	242
19		129	187	207	228	157	221	245	270
19.1	3/4	130	189	210	231	159	223	247	273
20		143	207	230	253	174	245	271	299
22		173	251	278	306	211	296	328	362
22.2	7/8	176	256	283	312	214	302	334	368
24		206	299	331	365	251	353	391	430
25.4	1	230	335	371	408	281	395	438	482
26		241	351	388	428	294	414	458	505
28		280	407	450	496	341	480	532	586
28.6	1 1/8	292	424	470	518	356	501	555	611
31.8	1 1/4	361	524	581	640	440	619	686	756
32		366	531	588	648	445	627	694	765
34.9	1 3/8	435	632	699	771	530	746	826	910
35		437	635	703	775	533	750	831	916
36		463	672	744	820	564	794	879	969
38		516	749	829	914	628	884	979	1079
38.1	1 1/2	518	753	834	919	631	889	984	1085
40		571	830	919	1013	696	980	1085	1196
41.3	1 5/8	609	885	980	1079	742	1045	1157	1275
44		691	1004	1112	1225	842	1186	1313	1447
44.5	1 3/4	707	1027	1137	1253	861	1213	1343	1480
45		723	1050	1163	1282	881	1240	1373	1513
47.6	1 7/8	809	1175	1301	1434	986	1388	1537	1693
48		823	1195	1323	1458	1002	1411	1562	1722
50.8	2	921	1338	1482	1633	1123	1580	1750	1929
51		929	1349	1494	1646	1131	1593	1764	1944
52		965	1402	1553	1711	1176	1656	1834	2021
54	2 1/8	1041	1512	1675	1845	1268	1786	1978	2179
56		1120	1626	1801	1985	1364	1921	2127	2344
57.2	2 1/4	1168	1697	1879	2071	1423	2004	2219	2445
60		1350	1867	2067	2278	1602	2205	2441	2690
60.3	2 3/8	1364	1886	2088	2301	1618	2227	2466	2717
62		1442	1994	2208	2433	1711	2354	2607	2873
63.5	2 1/2	1512	2091	2316	2552	1794	2469	2735	3014
64		1536	2124	2352	2592	1823	2508	2778	3061

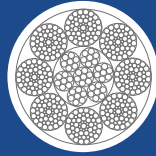
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FC



WSC

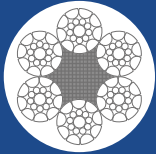


IWRC

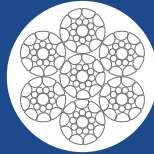


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤10mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.21	4.67	5.17	5.7	3.92	5.51	6.10	6.73
4		5.71	8.30	9.19	10.1	6.96	9.80	10.9	12.0
5		8.93	13.0	14.4	15.8	10.9	15.3	17.0	18.7
6		12.9	18.7	20.7	22.8	15.7	22.0	24.4	26.9
6.35	1/4	14.4	20.9	23.2	25.5	17.5	24.7	27.3	30.1
7		17.5	25.4	28.1	31.0	21.3	30.0	33.2	36.6
7.94	5/16	22.5	32.7	36.2	39.9	27.4	38.6	42.8	47.1
8		22.8	33.2	36.8	40.5	27.8	39.2	43.4	47.8
9		28.9	42.0	46.5	51.3	35.2	49.6	54.9	60.5
9.5	3/8	32.2	46.8	51.8	57.1	39.3	55.3	61.2	67.4
10		35.7	51.9	57.4	63.3	43.5	61.2	67.8	74.7
11		43.2	62.8	69.5	76.6	52.6	74.1	82.1	90.4
11.1	7/16	44.0	63.9	70.8	78.0	53.6	75.5	83.6	92.1
12		51.4	74.7	82.7	91.1	62.6	88.2	97.7	108
12.7	1/2	57.6	83.6	92.6	102	70.2	98.8	109	121
13		60.3	87.6	97.1	107	73.5	103	115	126
14		70.0	102	113	124	85.3	120	133	146
14.3	9/16	73.0	106	117	129	89.0	125	139	153
15.9	5/8	90.3	131	145	160	110	155	171	189
16		91.4	133	147	162	111	157	174	191
18		116	168	186	205	141	198	220	242
19		129	187	207	228	157	221	245	270
19.1	3/4	130	189	210	231	159	223	247	273
20		143	207	230	253	174	245	271	299
22		173	251	278	306	211	296	328	362
22.2	7/8	176	256	283	312	214	302	334	368
24		206	299	331	365	251	353	391	430
25.4	1	230	335	371	408	281	395	438	482
26		241	351	388	428	294	414	458	505
28		280	407	450	496	341	480	532	586
28.6	1 1/8	292	424	470	518	356	501	555	611
31.8	1 1/4	361	524	581	640	440	619	686	756
32		366	531	588	648	445	627	694	765
34.9	1 3/8	435	632	699	771	530	746	826	910
35		437	635	703	775	533	750	831	916
36		463	672	744	820	564	794	879	969
38		516	749	829	914	628	884	979	1079
38.1	1 1/2	518	753	834	919	631	889	984	1085
40		571	830	919	1013	696	980	1085	1196
41.3	1 5/8	609	885	980	1079	742	1045	1157	1275
44		691	1004	1112	1225	842	1186	1313	1447
44.5	1 3/4	707	1027	1137	1253	861	1213	1343	1480
45		723	1050	1163	1282	881	1240	1373	1513
47.6	1 7/8	809	1175	1301	1434	986	1388	1537	1693
48		823	1195	1323	1458	1002	1411	1562	1722
50.8	2	921	1338	1482	1633	1123	1580	1750	1929
51		929	1349	1494	1646	1131	1593	1764	1944
52		965	1402	1553	1711	1176	1656	1834	2021
54	2 1/8	1041	1512	1675	1845	1268	1786	1978	2179
56		1120	1626	1801	1985	1364	1921	2127	2344
57.2	2 1/4	1168	1697	1879	2071	1423	2004	2219	2445
60		1350	1867	2067	2278	1602	2205	2441	2690
60.3	2 3/8	1364	1886	2088	2301	1618	2227	2466	2717
62		1442	1994	2208	2433	1711	2354	2607	2873
63.5	2 1/2	1512	2091	2316	2552	1794	2469	2735	3014
64		1536	2124	2352	2592	1823	2508	2778	3061

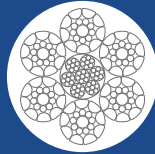
# 6xK19S



FC



WSC



IWRC



Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤12mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.83	5.94	6.58	7.25	4.19	6.61	7.32	8.07
4		6.80	10.6	11.7	12.9	7.44	11.8	13.0	14.3
5		10.6	16.5	18.3	20.1	11.6	18.4	20.3	22.4
6		15.3	23.8	26.3	29.0	16.7	26.4	29.3	32.3
6.35	1/4	17.1	26.6	29.5	32.5	18.7	29.6	32.8	36.1
7		20.8	32.4	35.8	39.5	22.8	36.0	39.9	43.9
7.94	5/16	26.8	41.6	46.1	50.8	29.3	46.3	51.3	56.5
8		27.2	42.3	46.8	51.6	29.8	47.0	52.1	57.4
9		34.4	53.5	59.2	65.3	37.7	59.5	65.9	72.6
9.5	3/8	38.4	59.6	66.0	72.7	42.0	66.3	73.4	80.9
10		42.5	66.0	73.1	80.6	46.5	73.5	81.3	89.6
11		51.4	79.9	88.5	97.5	56.3	88.9	98.4	108
11.1	7/16	52.4	81.3	90.1	99.3	57.3	90.5	100	110
12		61.2	95.1	105	116	67.0	106	117	129
12.7	1/2	68.5	106	118	130	75.0	118	131	145
13		71.8	112	124	136	78.6	124	137	151
14		83.3	129	143	158	91.1	144	159	176
14.3	9/16	86.9	135	149	165	95.1	150	166	183
15.9	5/8	107	167	185	204	118	186	206	227
16		109	169	187	206	119	188	208	229
18		138	214	237	261	151	238	264	290
19		153	238	264	291	168	265	294	324
19.1	3/4	155	241	267	294	170	268	297	327
20		170	264	292	322	186	294	325	359
22		206	320	354	390	225	356	394	434
22.2	7/8	209	325	360	397	229	362	401	442
24		245	380	421	464	268	423	469	516
25.4	1	274	426	472	520	300	474	525	578
26		287	446	494	545	314	497	550	606
28		333	518	573	632	365	576	638	703
28.6	1 1/8	348	540	598	659	380	601	665	733
31.8	1 1/4	430	668	739	815	470	743	823	906
32		435	676	749	825	476	752	833	918
34.9	1 3/8	518	804	890	981	566	895	991	1092
35		521	809	896	987	570	900	996	1098
36		551	856	947	1044	603	952	1054	1162
38		614	953	1056	1163	671	1061	1175	1294
38.1	1 1/2	617	958	1061	1170	675	1066	1181	1301
40		680	1056	1170	1289	744	1175	1301	1434
41.3	1 5/8	725	1126	1247	1374	793	1253	1387	1529
44		823	1278	1415	1560	900	1422	1575	1735
44.5	1 3/4	842	1307	1448	1595	921	1455	1611	1775
45		861	1337	1480	1632	942	1487	1647	1815
47.6	1 7/8	963	1496	1656	1825	1054	1664	1843	2031
48		979	1521	1684	1856	1071	1692	1874	2065
50.8	2	1097	1704	1887	2079	1200	1896	2099	2313
51		1105	1717	1902	2096	1209	1911	2116	2332
52		1149	1785	1977	2179	1257	1986	2199	2424
54	2 1/8	1239	1925	2132	2349	1356	2142	2372	2614
56		1333	2070	2293	2527	1458	2304	2551	2811
57.2	2 1/4	1391	2160	2392	2636	1521	2403	2661	2933
60		1530	2377	2632	2900	1674	2581	2858	3149
60.3	2 3/8	1545	2401	2658	2930	1691	2607	2886	3181
62		1634	2538	2810	3097	1787	2756	3051	3363
63.5	2 1/2	1714	2662	2948	3249	1875	2891	3201	3527
64		1741	2704	2995	3300	1905	2936	3251	3583

# 6xK25Fi



FC



WSC

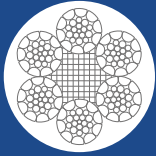


IWRC



Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤12mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.83	5.94	6.58	7.25	4.19	6.61	7.32	8.07
4		6.80	10.6	11.7	12.9	7.44	11.8	13.0	14.3
5		10.6	16.5	18.3	20.1	11.6	18.4	20.3	22.4
6		15.3	23.8	26.3	29.0	16.7	26.4	29.3	32.3
6.35	1/4	17.1	26.6	29.5	32.5	18.7	29.6	32.8	36.1
7		20.8	32.4	35.8	39.5	22.8	36.0	39.9	43.9
7.94	5/16	26.8	41.6	46.1	50.8	29.3	46.3	51.3	56.5
8		27.2	42.3	46.8	51.6	29.8	47.0	52.1	57.4
9		34.4	53.5	59.2	65.3	37.7	59.5	65.9	72.6
9.5	3/8	38.4	59.6	66.0	72.7	42.0	66.3	73.4	80.9
10		42.5	66.0	73.1	80.6	46.5	73.5	81.3	89.6
11		51.4	79.9	88.5	97.5	56.3	88.9	98.4	108
11.1	7/16	52.4	81.3	90.1	99.3	57.3	90.5	100	110
12		61.2	95.1	105	116	67.0	106	117	129
12.7	1/2	68.5	106	118	130	75.0	118	131	145
13		71.8	112	124	136	78.6	124	137	151
14		83.3	129	143	158	91.1	144	159	176
14.3	9/16	86.9	135	149	165	95.1	150	166	183
15.9	5/8	107	167	185	204	118	186	206	227
16		109	169	187	206	119	188	208	229
18		138	214	237	261	151	238	264	290
19		153	238	264	291	168	265	294	324
19.1	3/4	155	241	267	294	170	268	297	327
20		170	264	292	322	186	294	325	359
22		206	320	354	390	225	356	394	434
22.2	7/8	209	325	360	397	229	362	401	442
24		245	380	421	464	268	423	469	516
25.4	1	274	426	472	520	300	474	525	578
26		287	446	494	545	314	497	550	606
28		333	518	573	632	365	576	638	703
28.6	1 1/8	348	540	598	659	380	601	665	733
31.8	1 1/4	430	668	739	815	470	743	823	906
32		435	676	749	825	476	752	833	918
34.9	1 3/8	518	804	890	981	566	895	991	1092
35		521	809	896	987	570	900	996	1098
36		551	856	947	1044	603	952	1054	1162
38		614	953	1056	1163	671	1061	1175	1294
38.1	1 1/2	617	958	1061	1170	675	1066	1181	1301
40		680	1056	1170	1289	744	1175	1301	1434
41.3	1 5/8	725	1126	1247	1374	793	1253	1387	1529
44		823	1278	1415	1560	900	1422	1575	1735
44.5	1 3/4	842	1307	1448	1595	921	1455	1611	1775
45		861	1337	1480	1632	942	1487	1647	1815
47.6	1 7/8	963	1496	1656	1825	1054	1664	1843	2031
48		979	1521	1684	1856	1071	1692	1874	2065
50.8	2	1097	1704	1887	2079	1200	1896	2099	2313
51		1105	1717	1902	2096	1209	1911	2116	2332
52		1149	1785	1977	2179	1257	1986	2199	2424
54	2 1/8	1239	1925	2132	2349	1356	2142	2372	2614
56		1333	2070	2293	2527	1458	2304	2551	2811
57.2	2 1/4	1391	2160	2392	2636	1521	2403	2661	2933
60		1530	2377	2632	2900	1674	2581	2858	3149
60.3	2 3/8	1545	2401	2658	2930	1691	2607	2886	3181
62		1634	2538	2810	3097	1787	2756	3051	3363
63.5	2 1/2	1714	2662	2948	3249	1875	2891	3201	3527
64		1741	2704	2995	3300	1905	2936	3251	3583

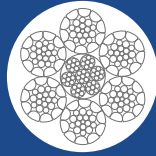
# 6xK26WS



FC



WSC

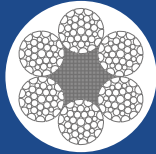


IWRC



Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤12mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.83	5.94	6.58	7.25	4.19	6.61	7.32	8.07
4		6.80	10.6	11.7	12.9	7.44	11.8	13.0	14.3
5		10.6	16.5	18.3	20.1	11.6	18.4	20.3	22.4
6		15.3	23.8	26.3	29.0	16.7	26.4	29.3	32.3
6.35	1/4	17.1	26.6	29.5	32.5	18.7	29.6	32.8	36.1
7		20.8	32.4	35.8	39.5	22.8	36.0	39.9	43.9
7.94	5/16	26.8	41.6	46.1	50.8	29.3	46.3	51.3	56.5
8		27.2	42.3	46.8	51.6	29.8	47.0	52.1	57.4
9		34.4	53.5	59.2	65.3	37.7	59.5	65.9	72.6
9.5	3/8	38.4	59.6	66.0	72.7	42.0	66.3	73.4	80.9
10		42.5	66.0	73.1	80.6	46.5	73.5	81.3	89.6
11		51.4	79.9	88.5	97.5	56.3	88.9	98.4	108
11.1	7/16	52.4	81.3	90.1	99.3	57.3	90.5	100	110
12		61.2	95.1	105	116	67.0	106	117	129
12.7	1/2	68.5	106	118	130	75.0	118	131	145
13		71.8	112	124	136	78.6	124	137	151
14		83.3	129	143	158	91.1	144	159	176
14.3	9/16	86.9	135	149	165	95.1	150	166	183
15.9	5/8	107	167	185	204	118	186	206	227
16		109	169	187	206	119	188	208	229
18		138	214	237	261	151	238	264	290
19		153	238	264	291	168	265	294	324
19.1	3/4	155	241	267	294	170	268	297	327
20		170	264	292	322	186	294	325	359
22		206	320	354	390	225	356	394	434
22.2	7/8	209	325	360	397	229	362	401	442
24		245	380	421	464	268	423	469	516
25.4	1	274	426	472	520	300	474	525	578
26		287	446	494	545	314	497	550	606
28		333	518	573	632	365	576	638	703
28.6	1 1/8	348	540	598	659	380	601	665	733
31.8	1 1/4	430	668	739	815	470	743	823	906
32		435	676	749	825	476	752	833	918
34.9	1 3/8	518	804	890	981	566	895	991	1092
35		521	809	896	987	570	900	996	1098
36		551	856	947	1044	603	952	1054	1162
38		614	953	1056	1163	671	1061	1175	1294
38.1	1 1/2	617	958	1061	1170	675	1066	1181	1301
40		680	1056	1170	1289	744	1175	1301	1434
41.3	1 5/8	725	1126	1247	1374	793	1253	1387	1529
44		823	1278	1415	1560	900	1422	1575	1735
44.5	1 3/4	842	1307	1448	1595	921	1455	1611	1775
45		861	1337	1480	1632	942	1487	1647	1815
47.6	1 7/8	963	1496	1656	1825	1054	1664	1843	2031
48		979	1521	1684	1856	1071	1692	1874	2065
50.8	2	1097	1704	1887	2079	1200	1896	2099	2313
51		1105	1717	1902	2096	1209	1911	2116	2332
52		1149	1785	1977	2179	1257	1986	2199	2424
54	2 1/8	1239	1925	2132	2349	1356	2142	2372	2614
56		1333	2070	2293	2527	1458	2304	2551	2811
57.2	2 1/4	1391	2160	2392	2636	1521	2403	2661	2933
60		1530	2377	2632	2900	1674	2581	2858	3149
60.3	2 3/8	1545	2401	2658	2930	1691	2607	2886	3181
62		1634	2538	2810	3097	1787	2756	3051	3363
63.5	2 1/2	1714	2662	2948	3249	1875	2891	3201	3527
64		1741	2704	2995	3300	1905	2936	3251	3583

# 6xK36WS



FC



WSC

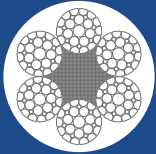


IWRC



Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤12mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.83	5.94	6.58	7.25	4.19	6.61	7.32	8.07
4		6.80	10.6	11.7	12.9	7.44	11.8	13.0	14.3
5		10.6	16.5	18.3	20.1	11.6	18.4	20.3	22.4
6		15.3	23.8	26.3	29.0	16.7	26.4	29.3	32.3
6.35	1/4	17.1	26.6	29.5	32.5	18.7	29.6	32.8	36.1
7		20.8	32.4	35.8	39.5	22.8	36.0	39.9	43.9
7.94	5/16	26.8	41.6	46.1	50.8	29.3	46.3	51.3	56.5
8		27.2	42.3	46.8	51.6	29.8	47.0	52.1	57.4
9		34.4	53.5	59.2	65.3	37.7	59.5	65.9	72.6
9.5	3/8	38.4	59.6	66.0	72.7	42.0	66.3	73.4	80.9
10		42.5	66.0	73.1	80.6	46.5	73.5	81.3	89.6
11		51.4	79.9	88.5	97.5	56.3	88.9	98.4	108
11.1	7/16	52.4	81.3	90.1	99.3	57.3	90.5	100	110
12		61.2	95.1	105	116	67.0	106	117	129
12.7	1/2	68.5	106	118	130	75.0	118	131	145
13		71.8	112	124	136	78.6	124	137	151
14		83.3	129	143	158	91.1	144	159	176
14.3	9/16	86.9	135	149	165	95.1	150	166	183
15.9	5/8	107	167	185	204	118	186	206	227
16		109	169	187	206	119	188	208	229
18		138	214	237	261	151	238	264	290
19		153	238	264	291	168	265	294	324
19.1	3/4	155	241	267	294	170	268	297	327
20		170	264	292	322	186	294	325	359
22		206	320	354	390	225	356	394	434
22.2	7/8	209	325	360	397	229	362	401	442
24		245	380	421	464	268	423	469	516
25.4	1	274	426	472	520	300	474	525	578
26		287	446	494	545	314	497	550	606
28		333	518	573	632	365	576	638	703
28.6	1 1/8	348	540	598	659	380	601	665	733
31.8	1 1/4	430	668	739	815	470	743	823	906
32		435	676	749	825	476	752	833	918
34.9	1 3/8	518	804	890	981	566	895	991	1092
35		521	809	896	987	570	900	996	1098
36		551	856	947	1044	603	952	1054	1162
38		614	953	1056	1163	671	1061	1175	1294
38.1	1 1/2	617	958	1061	1170	675	1066	1181	1301
40		680	1056	1170	1289	744	1175	1301	1434
41.3	1 5/8	725	1126	1247	1374	793	1253	1387	1529
44		823	1278	1415	1560	900	1422	1575	1735
44.5	1 3/4	842	1307	1448	1595	921	1455	1611	1775
45		861	1337	1480	1632	942	1487	1647	1815
47.6	1 7/8	963	1496	1656	1825	1054	1664	1843	2031
48		979	1521	1684	1856	1071	1692	1874	2065
50.8	2	1097	1704	1887	2079	1200	1896	2099	2313
51		1105	1717	1902	2096	1209	1911	2116	2332
52		1149	1785	1977	2179	1257	1986	2199	2424
54	2 1/8	1239	1925	2132	2349	1356	2142	2372	2614
56		1333	2070	2293	2527	1458	2304	2551	2811
57.2	2 1/4	1391	2160	2392	2636	1521	2403	2661	2933
60		1530	2377	2632	2900	1674	2581	2858	3149
60.3	2 3/8	1545	2401	2658	2930	1691	2607	2886	3181
62		1634	2538	2810	3097	1787	2756	3051	3363
63.5	2 1/2	1714	2662	2948	3249	1875	2891	3201	3527
64		1741	2704	2995	3300	1905	2936	3251	3583

# 6xK29Fi



FC



WSC

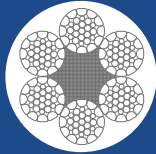


IWRC

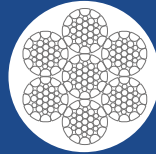


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤12mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.83	5.94	6.58	7.25	4.19	6.61	7.32	8.07
4		6.80	10.6	11.7	12.9	7.44	11.8	13.0	14.3
5		10.6	16.5	18.3	20.1	11.6	18.4	20.3	22.4
6		15.3	23.8	26.3	29.0	16.7	26.4	29.3	32.3
6.35	1/4	17.1	26.6	29.5	32.5	18.7	29.6	32.8	36.1
7		20.8	32.4	35.8	39.5	22.8	36.0	39.9	43.9
7.94	5/16	26.8	41.6	46.1	50.8	29.3	46.3	51.3	56.5
8		27.2	42.3	46.8	51.6	29.8	47.0	52.1	57.4
9		34.4	53.5	59.2	65.3	37.7	59.5	65.9	72.6
9.5	3/8	38.4	59.6	66.0	72.7	42.0	66.3	73.4	80.9
10		42.5	66.0	73.1	80.6	46.5	73.5	81.3	89.6
11		51.4	79.9	88.5	97.5	56.3	88.9	98.4	108
11.1	7/16	52.4	81.3	90.1	99.3	57.3	90.5	100	110
12		61.2	95.1	105	116	67.0	106	117	129
12.7	1/2	68.5	106	118	130	75.0	118	131	145
13		71.8	112	124	136	78.6	124	137	151
14		83.3	129	143	158	91.1	144	159	176
14.3	9/16	86.9	135	149	165	95.1	150	166	183
15.9	5/8	107	167	185	204	118	186	206	227
16		109	169	187	206	119	188	208	229
18		138	214	237	261	151	238	264	290
19		153	238	264	291	168	265	294	324
19.1	3/4	155	241	267	294	170	268	297	327
20		170	264	292	322	186	294	325	359
22		206	320	354	390	225	356	394	434
22.2	7/8	209	325	360	397	229	362	401	442
24		245	380	421	464	268	423	469	516
25.4	1	274	426	472	520	300	474	525	578
26		287	446	494	545	314	497	550	606
28		333	518	573	632	365	576	638	703
28.6	1 1/8	348	540	598	659	380	601	665	733
31.8	1 1/4	430	668	739	815	470	743	823	906
32		435	676	749	825	476	752	833	918
34.9	1 3/8	518	804	890	981	566	895	991	1092
35		521	809	896	987	570	900	996	1098
36		551	856	947	1044	603	952	1054	1162
38		614	953	1056	1163	671	1061	1175	1294
38.1	1 1/2	617	958	1061	1170	675	1066	1181	1301
40		680	1056	1170	1289	744	1175	1301	1434
41.3	1 5/8	725	1126	1247	1374	793	1253	1387	1529
44		823	1278	1415	1560	900	1422	1575	1735
44.5	1 3/4	842	1307	1448	1595	921	1455	1611	1775
45		861	1337	1480	1632	942	1487	1647	1815
47.6	1 7/8	963	1496	1656	1825	1054	1664	1843	2031
48		979	1521	1684	1856	1071	1692	1874	2065
50.8	2	1097	1704	1887	2079	1200	1896	2099	2313
51		1105	1717	1902	2096	1209	1911	2116	2332
52		1149	1785	1977	2179	1257	1986	2199	2424
54	2 1/8	1239	1925	2132	2349	1356	2142	2372	2614
56		1333	2070	2293	2527	1458	2304	2551	2811
57.2	2 1/4	1391	2160	2392	2636	1521	2403	2661	2933
60		1530	2377	2632	2900	1674	2581	2858	3149
60.3	2 3/8	1545	2401	2658	2930	1691	2607	2886	3181
62		1634	2538	2810	3097	1787	2756	3051	3363
63.5	2 1/2	1714	2662	2948	3249	1875	2891	3201	3527
64		1741	2704	2995	3300	1905	2936	3251	3583

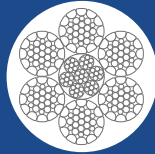
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FC



WSC

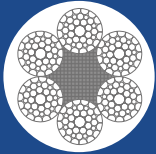


IWRC



Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤12mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.83	5.94	6.58	7.25	4.19	6.61	7.32	8.07
4		6.80	10.6	11.7	12.9	7.44	11.8	13.0	14.3
5		10.6	16.5	18.3	20.1	11.6	18.4	20.3	22.4
6		15.3	23.8	26.3	29.0	16.7	26.4	29.3	32.3
6.35	1/4	17.1	26.6	29.5	32.5	18.7	29.6	32.8	36.1
7		20.8	32.4	35.8	39.5	22.8	36.0	39.9	43.9
7.94	5/16	26.8	41.6	46.1	50.8	29.3	46.3	51.3	56.5
8		27.2	42.3	46.8	51.6	29.8	47.0	52.1	57.4
9		34.4	53.5	59.2	65.3	37.7	59.5	65.9	72.6
9.5	3/8	38.4	59.6	66.0	72.7	42.0	66.3	73.4	80.9
10		42.5	66.0	73.1	80.6	46.5	73.5	81.3	89.6
11		51.4	79.9	88.5	97.5	56.3	88.9	98.4	108
11.1	7/16	52.4	81.3	90.1	99.3	57.3	90.5	100	110
12		61.2	95.1	105	116	67.0	106	117	129
12.7	1/2	68.5	106	118	130	75.0	118	131	145
13		71.8	112	124	136	78.6	124	137	151
14		83.3	129	143	158	91.1	144	159	176
14.3	9/16	86.9	135	149	165	95.1	150	166	183
15.9	5/8	107	167	185	204	118	186	206	227
16		109	169	187	206	119	188	208	229
18		138	214	237	261	151	238	264	290
19		153	238	264	291	168	265	294	324
19.1	3/4	155	241	267	294	170	268	297	327
20		170	264	292	322	186	294	325	359
22		206	320	354	390	225	356	394	434
22.2	7/8	209	325	360	397	229	362	401	442
24		245	380	421	464	268	423	469	516
25.4	1	274	426	472	520	300	474	525	578
26		287	446	494	545	314	497	550	606
28		333	518	573	632	365	576	638	703
28.6	1 1/8	348	540	598	659	380	601	665	733
31.8	1 1/4	430	668	739	815	470	743	823	906
32		435	676	749	825	476	752	833	918
34.9	1 3/8	518	804	890	981	566	895	991	1092
35		521	809	896	987	570	900	996	1098
36		551	856	947	1044	603	952	1054	1162
38		614	953	1056	1163	671	1061	1175	1294
38.1	1 1/2	617	958	1061	1170	675	1066	1181	1301
40		680	1056	1170	1289	744	1175	1301	1434
41.3	1 5/8	725	1126	1247	1374	793	1253	1387	1529
44		823	1278	1415	1560	900	1422	1575	1735
44.5	1 3/4	842	1307	1448	1595	921	1455	1611	1775
45		861	1337	1480	1632	942	1487	1647	1815
47.6	1 7/8	963	1496	1656	1825	1054	1664	1843	2031
48		979	1521	1684	1856	1071	1692	1874	2065
50.8	2	1097	1704	1887	2079	1200	1896	2099	2313
51		1105	1717	1902	2096	1209	1911	2116	2332
52		1149	1785	1977	2179	1257	1986	2199	2424
54	2 1/8	1239	1925	2132	2349	1356	2142	2372	2614
56		1333	2070	2293	2527	1458	2304	2551	2811
57.2	2 1/4	1391	2160	2392	2636	1521	2403	2661	2933
60		1530	2377	2632	2900	1674	2581	2858	3149
60.3	2 3/8	1545	2401	2658	2930	1691	2607	2886	3181
62		1634	2538	2810	3097	1787	2756	3051	3363
63.5	2 1/2	1714	2662	2948	3249	1875	2891	3201	3527
64		1741	2704	2995	3300	1905	2936	3251	3583

# 6xK41WS



FC



WSC

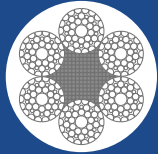


IWRC

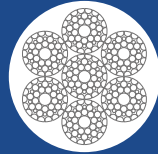


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤12mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.83	5.94	6.58	7.25	4.19	6.61	7.32	8.07
4		6.80	10.6	11.7	12.9	7.44	11.8	13.0	14.3
5		10.6	16.5	18.3	20.1	11.6	18.4	20.3	22.4
6		15.3	23.8	26.3	29.0	16.7	26.4	29.3	32.3
6.35	1/4	17.1	26.6	29.5	32.5	18.7	29.6	32.8	36.1
7		20.8	32.4	35.8	39.5	22.8	36.0	39.9	43.9
7.94	5/16	26.8	41.6	46.1	50.8	29.3	46.3	51.3	56.5
8		27.2	42.3	46.8	51.6	29.8	47.0	52.1	57.4
9		34.4	53.5	59.2	65.3	37.7	59.5	65.9	72.6
9.5	3/8	38.4	59.6	66.0	72.7	42.0	66.3	73.4	80.9
10		42.5	66.0	73.1	80.6	46.5	73.5	81.3	89.6
11		51.4	79.9	88.5	97.5	56.3	88.9	98.4	108
11.1	7/16	52.4	81.3	90.1	99.3	57.3	90.5	100	110
12		61.2	95.1	105	116	67.0	106	117	129
12.7	1/2	68.5	106	118	130	75.0	118	131	145
13		71.8	112	124	136	78.6	124	137	151
14		83.3	129	143	158	91.1	144	159	176
14.3	9/16	86.9	135	149	165	95.1	150	166	183
15.9	5/8	107	167	185	204	118	186	206	227
16		109	169	187	206	119	188	208	229
18		138	214	237	261	151	238	264	290
19		153	238	264	291	168	265	294	324
19.1	3/4	155	241	267	294	170	268	297	327
20		170	264	292	322	186	294	325	359
22		206	320	354	390	225	356	394	434
22.2	7/8	209	325	360	397	229	362	401	442
24		245	380	421	464	268	423	469	516
25.4	1	274	426	472	520	300	474	525	578
26		287	446	494	545	314	497	550	606
28		333	518	573	632	365	576	638	703
28.6	1 1/8	348	540	598	659	380	601	665	733
31.8	1 1/4	430	668	739	815	470	743	823	906
32		435	676	749	825	476	752	833	918
34.9	1 3/8	518	804	890	981	566	895	991	1092
35		521	809	896	987	570	900	996	1098
36		551	856	947	1044	603	952	1054	1162
38		614	953	1056	1163	671	1061	1175	1294
38.1	1 1/2	617	958	1061	1170	675	1066	1181	1301
40		680	1056	1170	1289	744	1175	1301	1434
41.3	1 5/8	725	1126	1247	1374	793	1253	1387	1529
44		823	1278	1415	1560	900	1422	1575	1735
44.5	1 3/4	842	1307	1448	1595	921	1455	1611	1775
45		861	1337	1480	1632	942	1487	1647	1815
47.6	1 7/8	963	1496	1656	1825	1054	1664	1843	2031
48		979	1521	1684	1856	1071	1692	1874	2065
50.8	2	1097	1704	1887	2079	1200	1896	2099	2313
51		1105	1717	1902	2096	1209	1911	2116	2332
52		1149	1785	1977	2179	1257	1986	2199	2424
54	2 1/8	1239	1925	2132	2349	1356	2142	2372	2614
56		1333	2070	2293	2527	1458	2304	2551	2811
57.2	2 1/4	1391	2160	2392	2636	1521	2403	2661	2933
60		1530	2377	2632	2900	1674	2581	2858	3149
60.3	2 3/8	1545	2401	2658	2930	1691	2607	2886	3181
62		1634	2538	2810	3097	1787	2756	3051	3363
63.5	2 1/2	1714	2662	2948	3249	1875	2891	3201	3527
64		1741	2704	2995	3300	1905	2936	3251	3583

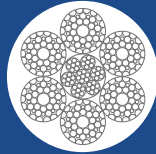
# 6xK46WS



FC



WSC

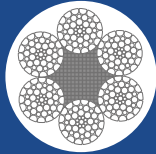


IWRC



Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤12mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.83	5.94	6.58	7.25	4.19	6.61	7.32	8.07
4		6.80	10.6	11.7	12.9	7.44	11.8	13.0	14.3
5		10.6	16.5	18.3	20.1	11.6	18.4	20.3	22.4
6		15.3	23.8	26.3	29.0	16.7	26.4	29.3	32.3
6.35	1/4	17.1	26.6	29.5	32.5	18.7	29.6	32.8	36.1
7		20.8	32.4	35.8	39.5	22.8	36.0	39.9	43.9
7.94	5/16	26.8	41.6	46.1	50.8	29.3	46.3	51.3	56.5
8		27.2	42.3	46.8	51.6	29.8	47.0	52.1	57.4
9		34.4	53.5	59.2	65.3	37.7	59.5	65.9	72.6
9.5	3/8	38.4	59.6	66.0	72.7	42.0	66.3	73.4	80.9
10		42.5	66.0	73.1	80.6	46.5	73.5	81.3	89.6
11		51.4	79.9	88.5	97.5	56.3	88.9	98.4	108
11.1	7/16	52.4	81.3	90.1	99.3	57.3	90.5	100	110
12		61.2	95.1	105	116	67.0	106	117	129
12.7	1/2	68.5	106	118	130	75.0	118	131	145
13		71.8	112	124	136	78.6	124	137	151
14		83.3	129	143	158	91.1	144	159	176
14.3	9/16	86.9	135	149	165	95.1	150	166	183
15.9	5/8	107	167	185	204	118	186	206	227
16		109	169	187	206	119	188	208	229
18		138	214	237	261	151	238	264	290
19		153	238	264	291	168	265	294	324
19.1	3/4	155	241	267	294	170	268	297	327
20		170	264	292	322	186	294	325	359
22		206	320	354	390	225	356	394	434
22.2	7/8	209	325	360	397	229	362	401	442
24		245	380	421	464	268	423	469	516
25.4	1	274	426	472	520	300	474	525	578
26		287	446	494	545	314	497	550	606
28		333	518	573	632	365	576	638	703
28.6	1 1/8	348	540	598	659	380	601	665	733
31.8	1 1/4	430	668	739	815	470	743	823	906
32		435	676	749	825	476	752	833	918
34.9	1 3/8	518	804	890	981	566	895	991	1092
35		521	809	896	987	570	900	996	1098
36		551	856	947	1044	603	952	1054	1162
38		614	953	1056	1163	671	1061	1175	1294
38.1	1 1/2	617	958	1061	1170	675	1066	1181	1301
40		680	1056	1170	1289	744	1175	1301	1434
41.3	1 5/8	725	1126	1247	1374	793	1253	1387	1529
44		823	1278	1415	1560	900	1422	1575	1735
44.5	1 3/4	842	1307	1448	1595	921	1455	1611	1775
45		861	1337	1480	1632	942	1487	1647	1815
47.6	1 7/8	963	1496	1656	1825	1054	1664	1843	2031
48		979	1521	1684	1856	1071	1692	1874	2065
50.8	2	1097	1704	1887	2079	1200	1896	2099	2313
51		1105	1717	1902	2096	1209	1911	2116	2332
52		1149	1785	1977	2179	1257	1986	2199	2424
54	2 1/8	1239	1925	2132	2349	1356	2142	2372	2614
56		1333	2070	2293	2527	1458	2304	2551	2811
57.2	2 1/4	1391	2160	2392	2636	1521	2403	2661	2933
60		1530	2377	2632	2900	1674	2581	2858	3149
60.3	2 3/8	1545	2401	2658	2930	1691	2607	2886	3181
62		1634	2538	2810	3097	1787	2756	3051	3363
63.5	2 1/2	1714	2662	2948	3249	1875	2891	3201	3527
64		1741	2704	2995	3300	1905	2936	3251	3583

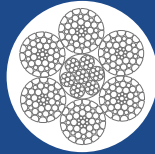
# 6xK49SWS



FC



WSC

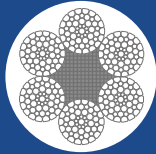


IWRC

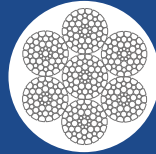


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤12mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.83	5.94	6.58	7.25	4.19	6.61	7.32	8.07
4		6.80	10.6	11.7	12.9	7.44	11.8	13.0	14.3
5		10.6	16.5	18.3	20.1	11.6	18.4	20.3	22.4
6		15.3	23.8	26.3	29.0	16.7	26.4	29.3	32.3
6.35	1/4	17.1	26.6	29.5	32.5	18.7	29.6	32.8	36.1
7		20.8	32.4	35.8	39.5	22.8	36.0	39.9	43.9
7.94	5/16	26.8	41.6	46.1	50.8	29.3	46.3	51.3	56.5
8		27.2	42.3	46.8	51.6	29.8	47.0	52.1	57.4
9		34.4	53.5	59.2	65.3	37.7	59.5	65.9	72.6
9.5	3/8	38.4	59.6	66.0	72.7	42.0	66.3	73.4	80.9
10		42.5	66.0	73.1	80.6	46.5	73.5	81.3	89.6
11		51.4	79.9	88.5	97.5	56.3	88.9	98.4	108
11.1	7/16	52.4	81.3	90.1	99.3	57.3	90.5	100	110
12		61.2	95.1	105	116	67.0	106	117	129
12.7	1/2	68.5	106	118	130	75.0	118	131	145
13		71.8	112	124	136	78.6	124	137	151
14		83.3	129	143	158	91.1	144	159	176
14.3	9/16	86.9	135	149	165	95.1	150	166	183
15.9	5/8	107	167	185	204	118	186	206	227
16		109	169	187	206	119	188	208	229
18		138	214	237	261	151	238	264	290
19		153	238	264	291	168	265	294	324
19.1	3/4	155	241	267	294	170	268	297	327
20		170	264	292	322	186	294	325	359
22		206	320	354	390	225	356	394	434
22.2	7/8	209	325	360	397	229	362	401	442
24		245	380	421	464	268	423	469	516
25.4	1	274	426	472	520	300	474	525	578
26		287	446	494	545	314	497	550	606
28		333	518	573	632	365	576	638	703
28.6	1 1/8	348	540	598	659	380	601	665	733
31.8	1 1/4	430	668	739	815	470	743	823	906
32		435	676	749	825	476	752	833	918
34.9	1 3/8	518	804	890	981	566	895	991	1092
35		521	809	896	987	570	900	996	1098
36		551	856	947	1044	603	952	1054	1162
38		614	953	1056	1163	671	1061	1175	1294
38.1	1 1/2	617	958	1061	1170	675	1066	1181	1301
40		680	1056	1170	1289	744	1175	1301	1434
41.3	1 5/8	725	1126	1247	1374	793	1253	1387	1529
44		823	1278	1415	1560	900	1422	1575	1735
44.5	1 3/4	842	1307	1448	1595	921	1455	1611	1775
45		861	1337	1480	1632	942	1487	1647	1815
47.6	1 7/8	963	1496	1656	1825	1054	1664	1843	2031
48		979	1521	1684	1856	1071	1692	1874	2065
50.8	2	1097	1704	1887	2079	1200	1896	2099	2313
51		1105	1717	1902	2096	1209	1911	2116	2332
52		1149	1785	1977	2179	1257	1986	2199	2424
54	2 1/8	1239	1925	2132	2349	1356	2142	2372	2614
56		1333	2070	2293	2527	1458	2304	2551	2811
57.2	2 1/4	1391	2160	2392	2636	1521	2403	2661	2933
60		1530	2377	2632	2900	1674	2581	2858	3149
60.3	2 3/8	1545	2401	2658	2930	1691	2607	2886	3181
62		1634	2538	2810	3097	1787	2756	3051	3363
63.5	2 1/2	1714	2662	2948	3249	1875	2891	3201	3527
64		1741	2704	2995	3300	1905	2936	3251	3583

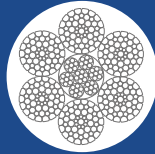
# 6xK55SWS



FC



WSC

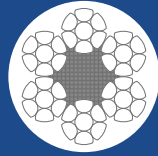


IWRC



Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤12mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.83	5.94	6.58	7.25	4.19	6.61	7.32	8.07
4		6.80	10.6	11.7	12.9	7.44	11.8	13.0	14.3
5		10.6	16.5	18.3	20.1	11.6	18.4	20.3	22.4
6		15.3	23.8	26.3	29.0	16.7	26.4	29.3	32.3
6.35	1/4	17.1	26.6	29.5	32.5	18.7	29.6	32.8	36.1
7		20.8	32.4	35.8	39.5	22.8	36.0	39.9	43.9
7.94	5/16	26.8	41.6	46.1	50.8	29.3	46.3	51.3	56.5
8		27.2	42.3	46.8	51.6	29.8	47.0	52.1	57.4
9		34.4	53.5	59.2	65.3	37.7	59.5	65.9	72.6
9.5	3/8	38.4	59.6	66.0	72.7	42.0	66.3	73.4	80.9
10		42.5	66.0	73.1	80.6	46.5	73.5	81.3	89.6
11		51.4	79.9	88.5	97.5	56.3	88.9	98.4	108
11.1	7/16	52.4	81.3	90.1	99.3	57.3	90.5	100	110
12		61.2	95.1	105	116	67.0	106	117	129
12.7	1/2	68.5	106	118	130	75.0	118	131	145
13		71.8	112	124	136	78.6	124	137	151
14		83.3	129	143	158	91.1	144	159	176
14.3	9/16	86.9	135	149	165	95.1	150	166	183
15.9	5/8	107	167	185	204	118	186	206	227
16		109	169	187	206	119	188	208	229
18		138	214	237	261	151	238	264	290
19		153	238	264	291	168	265	294	324
19.1	3/4	155	241	267	294	170	268	297	327
20		170	264	292	322	186	294	325	359
22		206	320	354	390	225	356	394	434
22.2	7/8	209	325	360	397	229	362	401	442
24		245	380	421	464	268	423	469	516
25.4	1	274	426	472	520	300	474	525	578
26		287	446	494	545	314	497	550	606
28		333	518	573	632	365	576	638	703
28.6	1 1/8	348	540	598	659	380	601	665	733
31.8	1 1/4	430	668	739	815	470	743	823	906
32		435	676	749	825	476	752	833	918
34.9	1 3/8	518	804	890	981	566	895	991	1092
35		521	809	896	987	570	900	996	1098
36		551	856	947	1044	603	952	1054	1162
38		614	953	1056	1163	671	1061	1175	1294
38.1	1 1/2	617	958	1061	1170	675	1066	1181	1301
40		680	1056	1170	1289	744	1175	1301	1434
41.3	1 5/8	725	1126	1247	1374	793	1253	1387	1529
44		823	1278	1415	1560	900	1422	1575	1735
44.5	1 3/4	842	1307	1448	1595	921	1455	1611	1775
45		861	1337	1480	1632	942	1487	1647	1815
47.6	1 7/8	963	1496	1656	1825	1054	1664	1843	2031
48		979	1521	1684	1856	1071	1692	1874	2065
50.8	2	1097	1704	1887	2079	1200	1896	2099	2313
51		1105	1717	1902	2096	1209	1911	2116	2332
52		1149	1785	1977	2179	1257	1986	2199	2424
54	2 1/8	1239	1925	2132	2349	1356	2142	2372	2614
56		1333	2070	2293	2527	1458	2304	2551	2811
57.2	2 1/4	1391	2160	2392	2636	1521	2403	2661	2933
60		1530	2377	2632	2900	1674	2581	2858	3149
60.3	2 3/8	1545	2401	2658	2930	1691	2607	2886	3181
62		1634	2538	2810	3097	1787	2756	3051	3363
63.5	2 1/2	1714	2662	2948	3249	1875	2891	3201	3527
64		1741	2704	2995	3300	1905	2936	3251	3583

# 6xK7-FC

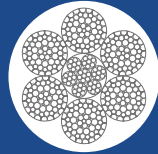


FC



Nominal rope		Nominal tensile strength (MPa)			
		Minimum breaking load (kN)			
Size		FC			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.69	5.97	6.62	7.29
4		6.56	10.6	11.8	13.0
5		10.3	16.6	18.4	20.3
6		14.8	23.9	26.5	29.2
6.35	1/4	16.5	26.8	29.6	32.7
7		20.1	32.5	36.0	39.7
7.94	5/16	25.8	41.8	46.3	51.1
8		26.2	42.5	47.0	51.8
9		33.2	53.8	59.5	65.6
9.5	3/8	37.0	59.9	66.3	73.1
10		41.0	66.4	73.5	81.0
11		49.6	80.3	88.9	98.0
11.1	7/16	50.5	81.8	90.6	99.8
12		59.0	95.6	106	117
12.7	1/2	66.1	107	119	131
13		69.3	112	124	137
14		80.4	130	144	159
14.3	9/16	83.8	136	150	166
15.9	5/8	104	168	186	205
16		105	170	188	207
18		133	215	238	262
19		148	240	265	292
19.1	3/4	150	242	268	295
20		164	266	294	324
22		198	321	356	392
22.2	7/8	202	327	362	399
24		236	382	423	467
25.4	1	265	428	474	523
26		277	449	497	548
28		321	520	576	635
28.6	1 1/8	335	543	601	663
31.8	1 1/4	415	671	743	819
32		420	680	753	829
34.9	1 3/8	499	808	895	987
35		502	813	900	992
36		531	860	953	1050
38		592	958	1061	1170
38.1	1 1/2	595	964	1067	1176
40		656	1062	1176	1296
41.3	1 5/8	699	1132	1254	1382
44		794	1285	1423	1568
44.5	1 3/4	812	1314	1455	1604
45		830	1344	1488	1640
47.6	1 7/8	929	1504	1665	1835
48		945	1529	1693	1866
50.8	2	1058	1713	1897	2090
51		1066	1726	1912	2107
52		1109	1795	1987	2190
54	2 1/8	1196	1935	2143	2362
56		1286	2082	2305	2540
57.2	2 1/4	1341	2172	2405	2650
60		1476	2390	2646	2916
60.3	2 3/8	1491	2413	2673	2945
62		1576	2551	2825	3114
63.5	2 1/2	1653	2676	2964	3266
64		1679	2719	3011	3318

# 6xK61FWS



IWRC



Nominal rope		Nominal tensile strength (MPa)			
		Minimum breaking load (kN)			
Size		IWRC			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
60.3	2 3/8	1709	2555	2829	3118
62		1807	2701	2991	3296
63.5	2 1/2	1895	2833	3138	3458
64		1925	2878	3187	3512
68		2173	3249	3598	3965
69.8	2 3/4	2290	3424	3791	4178
72		2436	3643	4034	4445
76		2715	4059	4494	4953
76.2	3	2729	4080	4518	4979
80		3008	4497	4980	5488
82.6	3 1/4	3207	4794	5309	5851
84		3316	4958	5490	6051
88		3640	5442	6026	6641
88.9	3 1/2	3715	5554	6150	6777
92		3978	5948	6586	7258
95.3	3 3/4	4269	6382	7067	7788
96		4332	6476	7171	7903
100		4700	7027	7781	8575
101.6	4	4852	7254	8032	8852
104		5084	7600	8416	9275
105		5182	7747	8579	9454
106		5281	7895	8743	9635
107		5381	8045	8909	9818
108	4 1/4	5482	8196	9076	10002
110		5687	8503	9415	10376
112		5896	8815	9761	10757
114.3	4 1/2	6140	9180	10166	11203
116		6324	9455	10470	11539
120		6768	10119	11205	12348
124		7227	10805	11964	13185
130		7943	11875	13150	14492

# 6xK64SFS

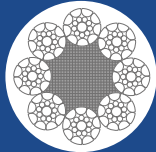


IWRC

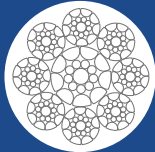


Nominal rope		Nominal tensile strength (MPa)			
		Minimum breaking load (kN)			
Size		IWRC			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
60.3	2 3/8	1709	2555	2829	3118
62		1807	2701	2991	3296
63.5	2 1/2	1895	2833	3138	3458
64		1925	2878	3187	3512
68		2173	3249	3598	3965
69.8	2 3/4	2290	3424	3791	4178
72		2436	3643	4034	4445
76		2715	4059	4494	4953
76.2	3	2729	4080	4518	4979
80		3008	4497	4980	5488
82.6	3 1/4	3207	4794	5309	5851
84		3316	4958	5490	6051
88		3640	5442	6026	6641
88.9	3 1/2	3715	5554	6150	6777
92		3978	5948	6586	7258
95.3	3 3/4	4269	6382	7067	7788
96		4332	6476	7171	7903
100		4700	7027	7781	8575
101.6	4	4852	7254	8032	8852
104		5084	7600	8416	9275
105		5182	7747	8579	9454
106		5281	7895	8743	9635
107		5381	8045	8909	9818
108	4 1/4	5482	8196	9076	10002
110		5687	8503	9415	10376
112		5896	8815	9761	10757
114.3	4 1/2	6140	9180	10166	11203
116		6324	9455	10470	11539
120		6768	10119	11205	12348
124		7227	10805	11964	13185
130		7943	11875	13150	14492

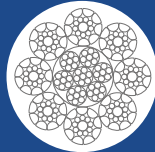
# 8xK19S



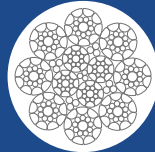
FC



WSC



IWRC

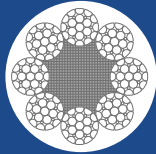


PWRC(K)

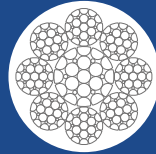


Nominal rope		Nominal tensile strength (MPa)											
		Minimum breaking load (kN)											
Size		FC				IWRC/WSC (≤12mmWSC)				PWRC(K)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.65	5.26	5.82	6.42	4.37	6.61	7.32	8.07	4.59	7.01	7.76	8.55
4		6.48	9.35	10.3	11.4	7.76	11.8	13.0	14.3	8.16	12.5	13.8	15.2
5		10.1	14.6	16.2	17.8	12.1	18.4	20.3	22.4	12.8	19.5	21.6	23.8
6		14.6	21.0	23.3	25.7	17.5	26.4	29.3	32.3	18.4	28.0	31.0	34.2
6.35	1/4	16.3	23.6	26.1	28.7	19.6	29.6	32.8	36.1	20.6	31.4	34.8	38.3
7		19.8	28.6	31.7	34.9	23.8	36.0	39.9	43.9	25.0	38.2	42.3	46.6
7.94	5/16	25.5	36.8	40.8	44.9	30.6	46.3	51.3	56.5	32.2	49.1	54.4	59.9
8		25.9	37.4	41.4	45.6	31.0	47.0	52.1	57.4	32.6	49.8	55.2	60.8
9		32.8	47.3	52.4	57.7	39.3	59.5	65.9	72.6	41.3	63.1	69.9	77.0
9.5	3/8	36.6	52.7	58.4	64.3	43.8	66.3	73.4	80.9	46.0	70.3	77.8	85.8
10		40.5	58.4	64.7	71.3	48.5	73.5	81.3	89.6	51.0	77.9	86.2	95.0
11		49.0	70.7	78.3	86.2	58.7	88.9	98.4	108	61.7	94.2	104	115
11.1	7/16	49.9	72.0	79.7	87.8	59.8	90.5	100	110	62.8	96.0	106	117
12		58.3	84.1	93.1	103	69.8	106	117	129	73.4	112	124	137
12.7	1/2	65.3	94.2	104	115	78.2	118	131	145	82.3	126	139	153
13		68.4	99	109	120	82.0	124	137	151	86.2	132	146	161
14		79.4	114	127	140	95.1	144	159	176	100.0	153	169	186
14.3	9/16	82.8	119	132	146	99.2	150	166	183	104	159	176	194
15.9	5/8	102	148	164	180	123	186	206	227	129	197	218	240
16		104	150	166	182	124	188	208	229	131	199	221	243
18		131	189	210	231	157	238	264	290	165	252	279	308
19		146	211	233	257	175	265	294	324	184	281	311	343
19.1	3/4	148	213	236	260	177	268	297	327	186	284	315	347
20		162	234	259	285	194	294	325	359	204	312	345	380
22		196	283	313	345	235	356	394	434	247	377	417	460
22.2	7/8	200	288	319	351	239	362	401	442	251	384	425	468
24		233	336	373	411	279	423	469	516	294	449	497	547
25.4	1	261	377	417	460	313	474	525	578	329	502	556	613
26		274	395	437	482	328	497	550	606	345	526	583	642
28		318	458	507	559	380	576	638	703	400	611	676	745
28.6	1 1/8	331	478	529	583	397	601	665	733	417	637	705	777
31.8	1 1/4	410	591	654	721	490	743	823	906	516	788	872	961
32		415	598	662	730	497	752	833	918	522	797	883	973
34.9	1 3/8	493	711	788	868	591	895	991	1092	621	949	1050	1158
35		496	716	792	873	594	900	996	1098	625	954	1056	1164
36		525	757	838	924	629	952	1054	1162	661	1009	1118	1232
38		585	843	934	1029	700	1061	1175	1294	736	1125	1245	1372
38.1	1 1/2	588	848	939	1035	704	1066	1181	1301	740	1131	1252	1380
40		648	935	1035	1140	776	1175	1301	1434	816	1246	1380	1521
41.3	1 5/8	691	996	1103	1216	827	1253	1387	1529	870	1328	1471	1621
44		784	1131	1252	1380	939	1422	1575	1735	987	1508	1670	1840
44.5	1 3/4	802	1157	1281	1412	960	1455	1611	1775	1010	1542	1708	1882
45		820	1183	1310	1443	982	1487	1647	1815	1033	1577	1746	1925
47.6	1 7/8	918	1323	1465	1615	1099	1664	1843	2031	1156	1765	1954	2153
48		933	1346	1490	1642	1117	1692	1874	2065	1175	1794	1987	2190
50.8	2	1045	1507	1669	1839	1252	1896	2099	2313	1316	2010	2226	2453
51		1053	1519	1682	1854	1261	1911	2116	2332	1327	2026	2243	2472
52		1095	1579	1749	1927	1311	1986	2199	2424	1379	2106	2332	2570
54	2 1/8	1181	1703	1886	2079	1414	2142	2372	2614	1487	2271	2515	2771
56		1270	1832	2028	2235	1521	2304	2551	2811	1599	2442	2704	2980
57.2	2 1/4	1325	1911	2116	2332	1587	2403	2661	2933	1669	2548	2822	3110
60		1458	2103	2328	2566	1710	2581	2858	3149	1836	2804	3105	3421
60.3	2 3/8	1473	2124	2352	2592	1727	2607	2886	3181	1854	2832	3136	3456
62		1557	2245	2486	2740	1826	2756	3051	3363	1960	2994	3315	3653
63.5	2 1/2	1633	2355	2608	2874	1915	2891	3201	3527	2056	3140	3477	3832
64		1659	2392	2649	2920	1946	2936	3251	3583	2089	3190	3532	3893

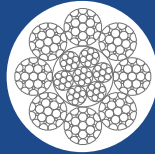
# 8xK25Fi



FC



WSC

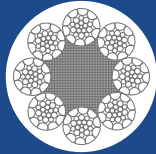


IWRC

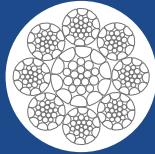


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤12mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.65	5.26	5.82	6.42	4.37	6.61	7.32	8.07
4		6.48	9.35	10.3	11.4	7.76	11.8	13.0	14.3
5		10.1	14.6	16.2	17.8	12.1	18.4	20.3	22.4
6		14.6	21.0	23.3	25.7	17.5	26.4	29.3	32.3
6.35	1/4	16.3	23.6	26.1	28.7	19.6	29.6	32.8	36.1
7		19.8	28.6	31.7	34.9	23.8	36.0	39.9	43.9
7.94	5/16	25.5	36.8	40.8	44.9	30.6	46.3	51.3	56.5
8		25.9	37.4	41.4	45.6	31.0	47.0	52.1	57.4
9		32.8	47.3	52.4	57.7	39.3	59.5	65.9	72.6
9.5	3/8	36.6	52.7	58.4	64.3	43.8	66.3	73.4	80.9
10		40.5	58.4	64.7	71.3	48.5	73.5	81.3	89.6
11		49.0	70.7	78.3	86.2	58.7	88.9	98.4	108
11.1	7/16	49.9	72.0	79.7	87.8	59.8	90.5	100	110
12		58.3	84.1	93.1	103	69.8	106	117	129
12.7	1/2	65.3	94.2	104	115	78.2	118	131	145
13		68.4	99	109	120	82.0	124	137	151
14		79.4	114	127	140	95.1	144	159	176
14.3	9/16	82.8	119	132	146	99.2	150	166	183
15.9	5/8	102	148	164	180	123	186	206	227
16		104	150	166	182	124	188	208	229
18		131	189	210	231	157	238	264	290
19		146	211	233	257	175	265	294	324
19.1	3/4	148	213	236	260	177	268	297	327
20		162	234	259	285	194	294	325	359
22		196	283	313	345	235	356	394	434
22.2	7/8	200	288	319	351	239	362	401	442
24		233	336	373	411	279	423	469	516
25.4	1	261	377	417	460	313	474	525	578
26		274	395	437	482	328	497	550	606
28		318	458	507	559	380	576	638	703
28.6	1 1/8	331	478	529	583	397	601	665	733
31.8	1 1/4	410	591	654	721	490	743	823	906
32		415	598	662	730	497	752	833	918
34.9	1 3/8	493	711	788	868	591	895	991	1092
35		496	716	792	873	594	900	996	1098
36		525	757	838	924	629	952	1054	1162
38		585	843	934	1029	700	1061	1175	1294
38.1	1 1/2	588	848	939	1035	704	1066	1181	1301
40		648	935	1035	1140	776	1175	1301	1434
41.3	1 5/8	691	996	1103	1216	827	1253	1387	1529
44		784	1131	1252	1380	939	1422	1575	1735
44.5	1 3/4	802	1157	1281	1412	960	1455	1611	1775
45		820	1183	1310	1443	982	1487	1647	1815
47.6	1 7/8	918	1323	1465	1615	1099	1664	1843	2031
48		933	1346	1490	1642	1117	1692	1874	2065
50.8	2	1045	1507	1669	1839	1252	1896	2099	2313
51		1053	1519	1682	1854	1261	1911	2116	2332
52		1095	1579	1749	1927	1311	1986	2199	2424
54	2 1/8	1181	1703	1886	2079	1414	2142	2372	2614
56		1270	1832	2028	2235	1521	2304	2551	2811
57.2	2 1/4	1325	1911	2116	2332	1587	2403	2661	2933
60		1458	2103	2328	2566	1710	2581	2858	3149
60.3	2 3/8	1473	2124	2352	2592	1727	2607	2886	3181
62		1557	2245	2486	2740	1826	2756	3051	3363
63.5	2 1/2	1633	2355	2608	2874	1915	2891	3201	3527
64		1659	2392	2649	2920	1946	2936	3251	3583

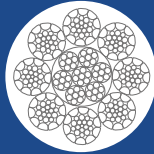
# 8xK26WS



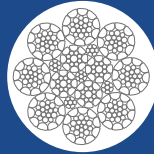
FC



WSC



IWRC

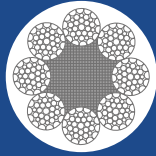


PWRC(K)

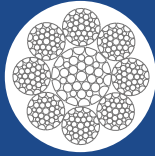


Nominal rope		Nominal tensile strength (MPa)											
		Minimum breaking load (kN)											
Size		FC				IWRC/WSC (≤12mmWSC)				PWRC(K)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.65	5.26	5.82	6.42	4.37	6.61	7.32	8.07	4.59	7.01	7.76	8.55
4		6.48	9.35	10.3	11.4	7.76	11.8	13.0	14.3	8.16	12.5	13.8	15.2
5		10.1	14.6	16.2	17.8	12.1	18.4	20.3	22.4	12.8	19.5	21.6	23.8
6		14.6	21.0	23.3	25.7	17.5	26.4	29.3	32.3	18.4	28.0	31.0	34.2
6.35	1/4	16.3	23.6	26.1	28.7	19.6	29.6	32.8	36.1	20.6	31.4	34.8	38.3
7		19.8	28.6	31.7	34.9	23.8	36.0	39.9	43.9	25.0	38.2	42.3	46.6
7.94	5/16	25.5	36.8	40.8	44.9	30.6	46.3	51.3	56.5	32.2	49.1	54.4	59.9
8		25.9	37.4	41.4	45.6	31.0	47.0	52.1	57.4	32.6	49.8	55.2	60.8
9		32.8	47.3	52.4	57.7	39.3	59.5	65.9	72.6	41.3	63.1	69.9	77.0
9.5	3/8	36.6	52.7	58.4	64.3	43.8	66.3	73.4	80.9	46.0	70.3	77.8	85.8
10		40.5	58.4	64.7	71.3	48.5	73.5	81.3	89.6	51.0	77.9	86.2	95.0
11		49.0	70.7	78.3	86.2	58.7	88.9	98.4	108	61.7	94.2	104	115
11.1	7/16	49.9	72.0	79.7	87.8	59.8	90.5	100	110	62.8	96.0	106	117
12		58.3	84.1	93.1	103	69.8	106	117	129	73.4	112	124	137
12.7	1/2	65.3	94.2	104	115	78.2	118	131	145	82.3	126	139	153
13		68.4	99	109	120	82.0	124	137	151	86.2	132	146	161
14		79.4	114	127	140	95.1	144	159	176	100.0	153	169	186
14.3	9/16	82.8	119	132	146	99.2	150	166	183	104	159	176	194
15.9	5/8	102	148	164	180	123	186	206	227	129	197	218	240
16		104	150	166	182	124	188	208	229	131	199	221	243
18		131	189	210	231	157	238	264	290	165	252	279	308
19		146	211	233	257	175	265	294	324	184	281	311	343
19.1	3/4	148	213	236	260	177	268	297	327	186	284	315	347
20		162	234	259	285	194	294	325	359	204	312	345	380
22		196	283	313	345	235	356	394	434	247	377	417	460
22.2	7/8	200	288	319	351	239	362	401	442	251	384	425	468
24		233	336	373	411	279	423	469	516	294	449	497	547
25.4	1	261	377	417	460	313	474	525	578	329	502	556	613
26		274	395	437	482	328	497	550	606	345	526	583	642
28		318	458	507	559	380	576	638	703	400	611	676	745
28.6	1 1/8	331	478	529	583	397	601	665	733	417	637	705	777
31.8	1 1/4	410	591	654	721	490	743	823	906	516	788	872	961
32		415	598	662	730	497	752	833	918	522	797	883	973
34.9	1 3/8	493	711	788	868	591	895	991	1092	621	949	1050	1158
35		496	716	792	873	594	900	996	1098	625	954	1056	1164
36		525	757	838	924	629	952	1054	1162	661	1009	1118	1232
38		585	843	934	1029	700	1061	1175	1294	736	1125	1245	1372
38.1	1 1/2	588	848	939	1035	704	1066	1181	1301	740	1131	1252	1380
40		648	935	1035	1140	776	1175	1301	1434	816	1246	1380	1521
41.3	1 5/8	691	996	1103	1216	827	1253	1387	1529	870	1328	1471	1621
44		784	1131	1252	1380	939	1422	1575	1735	987	1508	1670	1840
44.5	1 3/4	802	1157	1281	1412	960	1455	1611	1775	1010	1542	1708	1882
45		820	1183	1310	1443	982	1487	1647	1815	1033	1577	1746	1925
47.6	1 7/8	918	1323	1465	1615	1099	1664	1843	2031	1156	1765	1954	2153
48		933	1346	1490	1642	1117	1692	1874	2065	1175	1794	1987	2190
50.8	2	1045	1507	1669	1839	1252	1896	2099	2313	1316	2010	2226	2453
51		1053	1519	1682	1854	1261	1911	2116	2332	1327	2026	2243	2472
52		1095	1579	1749	1927	1311	1986	2199	2424	1379	2106	2332	2570
54	2 1/8	1181	1703	1886	2079	1414	2142	2372	2614	1487	2271	2515	2771
56		1270	1832	2028	2235	1521	2304	2551	2811	1599	2442	2704	2980
57.2	2 1/4	1325	1911	2116	2332	1587	2403	2661	2933	1669	2548	2822	3110
60		1458	2103	2328	2566	1710	2581	2858	3149	1836	2804	3105	3421
60.3	2 3/8	1473	2124	2352	2592	1727	2607	2886	3181	1854	2832	3136	3456
62		1557	2245	2486	2740	1826	2756	3051	3363	1960	2994	3315	3653
63.5	2 1/2	1633	2355	2608	2874	1915	2891	3201	3527	2056	3140	3477	3832
64		1659	2392	2649	2920	1946	2936	3251	3583	2089	3190	3532	3893

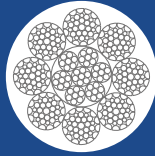
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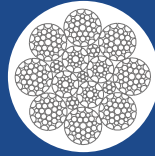
FC



WSC



IWRC

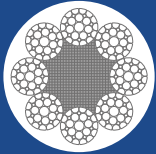


PWRC(K)

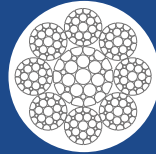


Nominal rope		Nominal tensile strength (MPa)											
		Minimum breaking load (kN)											
Size		FC				IWRC/WSC (≤12mmWSC)				PWRC(K)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.65	5.26	5.82	6.42	4.37	6.61	7.32	8.07	4.59	7.01	7.76	8.55
4		6.48	9.35	10.3	11.4	7.76	11.8	13.0	14.3	8.16	12.5	13.8	15.2
5		10.1	14.6	16.2	17.8	12.1	18.4	20.3	22.4	12.8	19.5	21.6	23.8
6		14.6	21.0	23.3	25.7	17.5	26.4	29.3	32.3	18.4	28.0	31.0	34.2
6.35	1/4	16.3	23.6	26.1	28.7	19.6	29.6	32.8	36.1	20.6	31.4	34.8	38.3
7		19.8	28.6	31.7	34.9	23.8	36.0	39.9	43.9	25.0	38.2	42.3	46.6
7.94	5/16	25.5	36.8	40.8	44.9	30.6	46.3	51.3	56.5	32.2	49.1	54.4	59.9
8		25.9	37.4	41.4	45.6	31.0	47.0	52.1	57.4	32.6	49.8	55.2	60.8
9		32.8	47.3	52.4	57.7	39.3	59.5	65.9	72.6	41.3	63.1	69.9	77.0
9.5	3/8	36.6	52.7	58.4	64.3	43.8	66.3	73.4	80.9	46.0	70.3	77.8	85.8
10		40.5	58.4	64.7	71.3	48.5	73.5	81.3	89.6	51.0	77.9	86.2	95.0
11		49.0	70.7	78.3	86.2	58.7	88.9	98.4	108	61.7	94.2	104	115
11.1	7/16	49.9	72.0	79.7	87.8	59.8	90.5	100	110	62.8	96.0	106	117
12		58.3	84.1	93.1	103	69.8	106	117	129	73.4	112	124	137
12.7	1/2	65.3	94.2	104	115	78.2	118	131	145	82.3	126	139	153
13		68.4	99	109	120	82.0	124	137	151	86.2	132	146	161
14		79.4	114	127	140	95.1	144	159	176	100.0	153	169	186
14.3	9/16	82.8	119	132	146	99.2	150	166	183	104	159	176	194
15.9	5/8	102	148	164	180	123	186	206	227	129	197	218	240
16		104	150	166	182	124	188	208	229	131	199	221	243
18		131	189	210	231	157	238	264	290	165	252	279	308
19		146	211	233	257	175	265	294	324	184	281	311	343
19.1	3/4	148	213	236	260	177	268	297	327	186	284	315	347
20		162	234	259	285	194	294	325	359	204	312	345	380
22		196	283	313	345	235	356	394	434	247	377	417	460
22.2	7/8	200	288	319	351	239	362	401	442	251	384	425	468
24		233	336	373	411	279	423	469	516	294	449	497	547
25.4	1	261	377	417	460	313	474	525	578	329	502	556	613
26		274	395	437	482	328	497	550	606	345	526	583	642
28		318	458	507	559	380	576	638	703	400	611	676	745
28.6	1 1/8	331	478	529	583	397	601	665	733	417	637	705	777
31.8	1 1/4	410	591	654	721	490	743	823	906	516	788	872	961
32		415	598	662	730	497	752	833	918	522	797	883	973
34.9	1 3/8	493	711	788	868	591	895	991	1092	621	949	1050	1158
35		496	716	792	873	594	900	996	1098	625	954	1056	1164
36		525	757	838	924	629	952	1054	1162	661	1009	1118	1232
38		585	843	934	1029	700	1061	1175	1294	736	1125	1245	1372
38.1	1 1/2	588	848	939	1035	704	1066	1181	1301	740	1131	1252	1380
40		648	935	1035	1140	776	1175	1301	1434	816	1246	1380	1521
41.3	1 5/8	691	996	1103	1216	827	1253	1387	1529	870	1328	1471	1621
44		784	1131	1252	1380	939	1422	1575	1735	987	1508	1670	1840
44.5	1 3/4	802	1157	1281	1412	960	1455	1611	1775	1010	1542	1708	1882
45		820	1183	1310	1443	982	1487	1647	1815	1033	1577	1746	1925
47.6	1 7/8	918	1323	1465	1615	1099	1664	1843	2031	1156	1765	1954	2153
48		933	1346	1490	1642	1117	1692	1874	2065	1175	1794	1987	2190
50.8	2	1045	1507	1669	1839	1252	1896	2099	2313	1316	2010	2226	2453
51		1053	1519	1682	1854	1261	1911	2116	2332	1327	2026	2243	2472
52		1095	1579	1749	1927	1311	1986	2199	2424	1379	2106	2332	2570
54	2 1/8	1181	1703	1886	2079	1414	2142	2372	2614	1487	2271	2515	2771
56		1270	1832	2028	2235	1521	2304	2551	2811	1599	2442	2704	2980
57.2	2 1/4	1325	1911	2116	2332	1587	2403	2661	2933	1669	2548	2822	3110
60		1458	2103	2328	2566	1710	2581	2858	3149	1836	2804	3105	3421
60.3	2 3/8	1473	2124	2352	2592	1727	2607	2886	3181	1854	2832	3136	3456
62		1557	2245	2486	2740	1826	2756	3051	3363	1960	2994	3315	3653
63.5	2 1/2	1633	2355	2608	2874	1915	2891	3201	3527	2056	3140	3477	3832
64		1659	2392	2649	2920	1946	2936	3251	3583	2089	3190	3532	3893

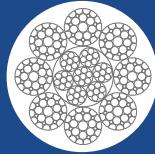
# 8xK29Fi



FC



WSC

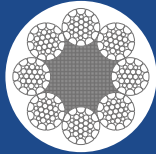


IWRC

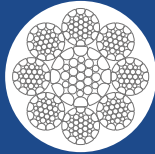


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤12mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.65	5.26	5.82	6.42	4.37	6.61	7.32	8.07
4		6.48	9.35	10.3	11.4	7.76	11.8	13.0	14.3
5		10.1	14.6	16.2	17.8	12.1	18.4	20.3	22.4
6		14.6	21.0	23.3	25.7	17.5	26.4	29.3	32.3
6.35	1/4	16.3	23.6	26.1	28.7	19.6	29.6	32.8	36.1
7		19.8	28.6	31.7	34.9	23.8	36.0	39.9	43.9
7.94	5/16	25.5	36.8	40.8	44.9	30.6	46.3	51.3	56.5
8		25.9	37.4	41.4	45.6	31.0	47.0	52.1	57.4
9		32.8	47.3	52.4	57.7	39.3	59.5	65.9	72.6
9.5	3/8	36.6	52.7	58.4	64.3	43.8	66.3	73.4	80.9
10		40.5	58.4	64.7	71.3	48.5	73.5	81.3	89.6
11		49.0	70.7	78.3	86.2	58.7	88.9	98.4	108
11.1	7/16	49.9	72.0	79.7	87.8	59.8	90.5	100	110
12		58.3	84.1	93.1	103	69.8	106	117	129
12.7	1/2	65.3	94.2	104	115	78.2	118	131	145
13		68.4	99	109	120	82.0	124	137	151
14		79.4	114	127	140	95.1	144	159	176
14.3	9/16	82.8	119	132	146	99.2	150	166	183
15.9	5/8	102	148	164	180	123	186	206	227
16		104	150	166	182	124	188	208	229
18		131	189	210	231	157	238	264	290
19		146	211	233	257	175	265	294	324
19.1	3/4	148	213	236	260	177	268	297	327
20		162	234	259	285	194	294	325	359
22		196	283	313	345	235	356	394	434
22.2	7/8	200	288	319	351	239	362	401	442
24		233	336	373	411	279	423	469	516
25.4	1	261	377	417	460	313	474	525	578
26		274	395	437	482	328	497	550	606
28		318	458	507	559	380	576	638	703
28.6	1 1/8	331	478	529	583	397	601	665	733
31.8	1 1/4	410	591	654	721	490	743	823	906
32		415	598	662	730	497	752	833	918
34.9	1 3/8	493	711	788	868	591	895	991	1092
35		496	716	792	873	594	900	996	1098
36		525	757	838	924	629	952	1054	1162
38		585	843	934	1029	700	1061	1175	1294
38.1	1 1/2	588	848	939	1035	704	1066	1181	1301
40		648	935	1035	1140	776	1175	1301	1434
41.3	1 5/8	691	996	1103	1216	827	1253	1387	1529
44		784	1131	1252	1380	939	1422	1575	1735
44.5	1 3/4	802	1157	1281	1412	960	1455	1611	1775
45		820	1183	1310	1443	982	1487	1647	1815
47.6	1 7/8	918	1323	1465	1615	1099	1664	1843	2031
48		933	1346	1490	1642	1117	1692	1874	2065
50.8	2	1045	1507	1669	1839	1252	1896	2099	2313
51		1053	1519	1682	1854	1261	1911	2116	2332
52		1095	1579	1749	1927	1311	1986	2199	2424
54	2 1/8	1181	1703	1886	2079	1414	2142	2372	2614
56		1270	1832	2028	2235	1521	2304	2551	2811
57.2	2 1/4	1325	1911	2116	2332	1587	2403	2661	2933
60		1458	2103	2328	2566	1710	2581	2858	3149
60.3	2 3/8	1473	2124	2352	2592	1727	2607	2886	3181
62		1557	2245	2486	2740	1826	2756	3051	3363
63.5	2 1/2	1633	2355	2608	2874	1915	2891	3201	3527
64		1659	2392	2649	2920	1946	2936	3251	3583

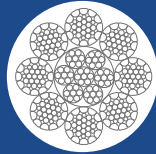
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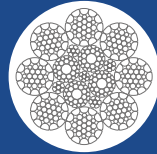
FC



WSC



IWRC

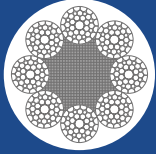


PWRC(K)

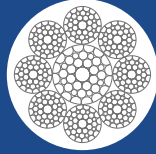


Nominal rope		Nominal tensile strength (MPa)											
		Minimum breaking load (kN)											
Size		FC				IWRC/WSC (≤12mmWSC)				PWRC(K)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.65	5.26	5.82	6.42	4.37	6.61	7.32	8.07	4.59	7.01	7.76	8.55
4		6.48	9.35	10.3	11.4	7.76	11.8	13.0	14.3	8.16	12.5	13.8	15.2
5		10.1	14.6	16.2	17.8	12.1	18.4	20.3	22.4	12.8	19.5	21.6	23.8
6		14.6	21.0	23.3	25.7	17.5	26.4	29.3	32.3	18.4	28.0	31.0	34.2
6.35	1/4	16.3	23.6	26.1	28.7	19.6	29.6	32.8	36.1	20.6	31.4	34.8	38.3
7		19.8	28.6	31.7	34.9	23.8	36.0	39.9	43.9	25.0	38.2	42.3	46.6
7.94	5/16	25.5	36.8	40.8	44.9	30.6	46.3	51.3	56.5	32.2	49.1	54.4	59.9
8		25.9	37.4	41.4	45.6	31.0	47.0	52.1	57.4	32.6	49.8	55.2	60.8
9		32.8	47.3	52.4	57.7	39.3	59.5	65.9	72.6	41.3	63.1	69.9	77.0
9.5	3/8	36.6	52.7	58.4	64.3	43.8	66.3	73.4	80.9	46.0	70.3	77.8	85.8
10		40.5	58.4	64.7	71.3	48.5	73.5	81.3	89.6	51.0	77.9	86.2	95.0
11		49.0	70.7	78.3	86.2	58.7	88.9	98.4	108	61.7	94.2	104	115
11.1	7/16	49.9	72.0	79.7	87.8	59.8	90.5	100	110	62.8	96.0	106	117
12		58.3	84.1	93.1	103	69.8	106	117	129	73.4	112	124	137
12.7	1/2	65.3	94.2	104	115	78.2	118	131	145	82.3	126	139	153
13		68.4	99	109	120	82.0	124	137	151	86.2	132	146	161
14		79.4	114	127	140	95.1	144	159	176	100.0	153	169	186
14.3	9/16	82.8	119	132	146	99.2	150	166	183	104	159	176	194
15.9	5/8	102	148	164	180	123	186	206	227	129	197	218	240
16		104	150	166	182	124	188	208	229	131	199	221	243
18		131	189	210	231	157	238	264	290	165	252	279	308
19		146	211	233	257	175	265	294	324	184	281	311	343
19.1	3/4	148	213	236	260	177	268	297	327	186	284	315	347
20		162	234	259	285	194	294	325	359	204	312	345	380
22		196	283	313	345	235	356	394	434	247	377	417	460
22.2	7/8	200	288	319	351	239	362	401	442	251	384	425	468
24		233	336	373	411	279	423	469	516	294	449	497	547
25.4	1	261	377	417	460	313	474	525	578	329	502	556	613
26		274	395	437	482	328	497	550	606	345	526	583	642
28		318	458	507	559	380	576	638	703	400	611	676	745
28.6	1 1/8	331	478	529	583	397	601	665	733	417	637	705	777
31.8	1 1/4	410	591	654	721	490	743	823	906	516	788	872	961
32		415	598	662	730	497	752	833	918	522	797	883	973
34.9	1 3/8	493	711	788	868	591	895	991	1092	621	949	1050	1158
35		496	716	792	873	594	900	996	1098	625	954	1056	1164
36		525	757	838	924	629	952	1054	1162	661	1009	1118	1232
38		585	843	934	1029	700	1061	1175	1294	736	1125	1245	1372
38.1	1 1/2	588	848	939	1035	704	1066	1181	1301	740	1131	1252	1380
40		648	935	1035	1140	776	1175	1301	1434	816	1246	1380	1521
41.3	1 5/8	691	996	1103	1216	827	1253	1387	1529	870	1328	1471	1621
44		784	1131	1252	1380	939	1422	1575	1735	987	1508	1670	1840
44.5	1 3/4	802	1157	1281	1412	960	1455	1611	1775	1010	1542	1708	1882
45		820	1183	1310	1443	982	1487	1647	1815	1033	1577	1746	1925
47.6	1 7/8	918	1323	1465	1615	1099	1664	1843	2031	1156	1765	1954	2153
48		933	1346	1490	1642	1117	1692	1874	2065	1175	1794	1987	2190
50.8	2	1045	1507	1669	1839	1252	1896	2099	2313	1316	2010	2226	2453
51		1053	1519	1682	1854	1261	1911	2116	2332	1327	2026	2243	2472
52		1095	1579	1749	1927	1311	1986	2199	2424	1379	2106	2332	2570
54	2 1/8	1181	1703	1886	2079	1414	2142	2372	2614	1487	2271	2515	2771
56		1270	1832	2028	2235	1521	2304	2551	2811	1599	2442	2704	2980
57.2	2 1/4	1325	1911	2116	2332	1587	2403	2661	2933	1669	2548	2822	3110
60		1458	2103	2328	2566	1710	2581	2858	3149	1836	2804	3105	3421
60.3	2 3/8	1473	2124	2352	2592	1727	2607	2886	3181	1854	2832	3136	3456
62		1557	2245	2486	2740	1826	2756	3051	3363	1960	2994	3315	3653
63.5	2 1/2	1633	2355	2608	2874	1915	2891	3201	3527	2056	3140	3477	3832
64		1659	2392	2649	2920	1946	2936	3251	3583	2089	3190	3532	3893

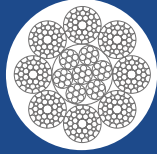
# 8xK41WS



FC



WSC

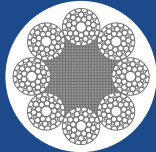


IWRC

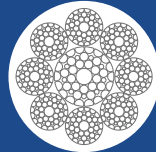


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤12mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.65	5.26	5.82	6.42	4.37	6.61	7.32	8.07
4		6.48	9.35	10.3	11.4	7.76	11.8	13.0	14.3
5		10.1	14.6	16.2	17.8	12.1	18.4	20.3	22.4
6		14.6	21.0	23.3	25.7	17.5	26.4	29.3	32.3
6.35	1/4	16.3	23.6	26.1	28.7	19.6	29.6	32.8	36.1
7		19.8	28.6	31.7	34.9	23.8	36.0	39.9	43.9
7.94	5/16	25.5	36.8	40.8	44.9	30.6	46.3	51.3	56.5
8		25.9	37.4	41.4	45.6	31.0	47.0	52.1	57.4
9		32.8	47.3	52.4	57.7	39.3	59.5	65.9	72.6
9.5	3/8	36.6	52.7	58.4	64.3	43.8	66.3	73.4	80.9
10		40.5	58.4	64.7	71.3	48.5	73.5	81.3	89.6
11		49.0	70.7	78.3	86.2	58.7	88.9	98.4	108
11.1	7/16	49.9	72.0	79.7	87.8	59.8	90.5	100	110
12		58.3	84.1	93.1	103	69.8	106	117	129
12.7	1/2	65.3	94.2	104	115	78.2	118	131	145
13		68.4	99	109	120	82.0	124	137	151
14		79.4	114	127	140	95.1	144	159	176
14.3	9/16	82.8	119	132	146	99.2	150	166	183
15.9	5/8	102	148	164	180	123	186	206	227
16		104	150	166	182	124	188	208	229
18		131	189	210	231	157	238	264	290
19		146	211	233	257	175	265	294	324
19.1	3/4	148	213	236	260	177	268	297	327
20		162	234	259	285	194	294	325	359
22		196	283	313	345	235	356	394	434
22.2	7/8	200	288	319	351	239	362	401	442
24		233	336	373	411	279	423	469	516
25.4	1	261	377	417	460	313	474	525	578
26		274	395	437	482	328	497	550	606
28		318	458	507	559	380	576	638	703
28.6	1 1/8	331	478	529	583	397	601	665	733
31.8	1 1/4	410	591	654	721	490	743	823	906
32		415	598	662	730	497	752	833	918
34.9	1 3/8	493	711	788	868	591	895	991	1092
35		496	716	792	873	594	900	996	1098
36		525	757	838	924	629	952	1054	1162
38		585	843	934	1029	700	1061	1175	1294
38.1	1 1/2	588	848	939	1035	704	1066	1181	1301
40		648	935	1035	1140	776	1175	1301	1434
41.3	1 5/8	691	996	1103	1216	827	1253	1387	1529
44		784	1131	1252	1380	939	1422	1575	1735
44.5	1 3/4	802	1157	1281	1412	960	1455	1611	1775
45		820	1183	1310	1443	982	1487	1647	1815
47.6	1 7/8	918	1323	1465	1615	1099	1664	1843	2031
48		933	1346	1490	1642	1117	1692	1874	2065
50.8	2	1045	1507	1669	1839	1252	1896	2099	2313
51		1053	1519	1682	1854	1261	1911	2116	2332
52		1095	1579	1749	1927	1311	1986	2199	2424
54	2 1/8	1181	1703	1886	2079	1414	2142	2372	2614
56		1270	1832	2028	2235	1521	2304	2551	2811
57.2	2 1/4	1325	1911	2116	2332	1587	2403	2661	2933
60		1458	2103	2328	2566	1710	2581	2858	3149
60.3	2 3/8	1473	2124	2352	2592	1727	2607	2886	3181
62		1557	2245	2486	2740	1826	2756	3051	3363
63.5	2 1/2	1633	2355	2608	2874	1915	2891	3201	3527
64		1659	2392	2649	2920	1946	2936	3251	3583

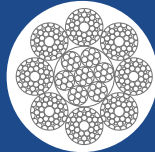
# 8xK46WS



FC



WSC

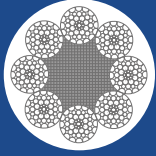


IWRC

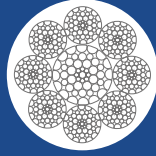


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤12mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.65	5.26	5.82	6.42	4.37	6.61	7.32	8.07
4		6.48	9.35	10.3	11.4	7.76	11.8	13.0	14.3
5		10.1	14.6	16.2	17.8	12.1	18.4	20.3	22.4
6		14.6	21.0	23.3	25.7	17.5	26.4	29.3	32.3
6.35	1/4	16.3	23.6	26.1	28.7	19.6	29.6	32.8	36.1
7		19.8	28.6	31.7	34.9	23.8	36.0	39.9	43.9
7.94	5/16	25.5	36.8	40.8	44.9	30.6	46.3	51.3	56.5
8		25.9	37.4	41.4	45.6	31.0	47.0	52.1	57.4
9		32.8	47.3	52.4	57.7	39.3	59.5	65.9	72.6
9.5	3/8	36.6	52.7	58.4	64.3	43.8	66.3	73.4	80.9
10		40.5	58.4	64.7	71.3	48.5	73.5	81.3	89.6
11		49.0	70.7	78.3	86.2	58.7	88.9	98.4	108
11.1	7/16	49.9	72.0	79.7	87.8	59.8	90.5	100	110
12		58.3	84.1	93.1	103	69.8	106	117	129
12.7	1/2	65.3	94.2	104	115	78.2	118	131	145
13		68.4	99	109	120	82.0	124	137	151
14		79.4	114	127	140	95.1	144	159	176
14.3	9/16	82.8	119	132	146	99.2	150	166	183
15.9	5/8	102	148	164	180	123	186	206	227
16		104	150	166	182	124	188	208	229
18		131	189	210	231	157	238	264	290
19		146	211	233	257	175	265	294	324
19.1	3/4	148	213	236	260	177	268	297	327
20		162	234	259	285	194	294	325	359
22		196	283	313	345	235	356	394	434
22.2	7/8	200	288	319	351	239	362	401	442
24		233	336	373	411	279	423	469	516
25.4	1	261	377	417	460	313	474	525	578
26		274	395	437	482	328	497	550	606
28		318	458	507	559	380	576	638	703
28.6	1 1/8	331	478	529	583	397	601	665	733
31.8	1 1/4	410	591	654	721	490	743	823	906
32		415	598	662	730	497	752	833	918
34.9	1 3/8	493	711	788	868	591	895	991	1092
35		496	716	792	873	594	900	996	1098
36		525	757	838	924	629	952	1054	1162
38		585	843	934	1029	700	1061	1175	1294
38.1	1 1/2	588	848	939	1035	704	1066	1181	1301
40		648	935	1035	1140	776	1175	1301	1434
41.3	1 5/8	691	996	1103	1216	827	1253	1387	1529
44		784	1131	1252	1380	939	1422	1575	1735
44.5	1 3/4	802	1157	1281	1412	960	1455	1611	1775
45		820	1183	1310	1443	982	1487	1647	1815
47.6	1 7/8	918	1323	1465	1615	1099	1664	1843	2031
48		933	1346	1490	1642	1117	1692	1874	2065
50.8	2	1045	1507	1669	1839	1252	1896	2099	2313
51		1053	1519	1682	1854	1261	1911	2116	2332
52		1095	1579	1749	1927	1311	1986	2199	2424
54	2 1/8	1181	1703	1886	2079	1414	2142	2372	2614
56		1270	1832	2028	2235	1521	2304	2551	2811
57.2	2 1/4	1325	1911	2116	2332	1587	2403	2661	2933
60		1458	2103	2328	2566	1710	2581	2858	3149
60.3	2 3/8	1473	2124	2352	2592	1727	2607	2886	3181
62		1557	2245	2486	2740	1826	2756	3051	3363
63.5	2 1/2	1633	2355	2608	2874	1915	2891	3201	3527
64		1659	2392	2649	2920	1946	2936	3251	3583

# 8xK49SWS



FC



WSC

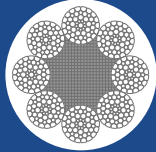


IWRC

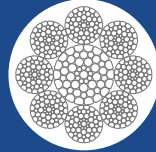


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤12mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.65	5.26	5.82	6.42	4.37	6.61	7.32	8.07
4		6.48	9.35	10.3	11.4	7.76	11.8	13.0	14.3
5		10.1	14.6	16.2	17.8	12.1	18.4	20.3	22.4
6		14.6	21.0	23.3	25.7	17.5	26.4	29.3	32.3
6.35	1/4	16.3	23.6	26.1	28.7	19.6	29.6	32.8	36.1
7		19.8	28.6	31.7	34.9	23.8	36.0	39.9	43.9
7.94	5/16	25.5	36.8	40.8	44.9	30.6	46.3	51.3	56.5
8		25.9	37.4	41.4	45.6	31.0	47.0	52.1	57.4
9		32.8	47.3	52.4	57.7	39.3	59.5	65.9	72.6
9.5	3/8	36.6	52.7	58.4	64.3	43.8	66.3	73.4	80.9
10		40.5	58.4	64.7	71.3	48.5	73.5	81.3	89.6
11		49.0	70.7	78.3	86.2	58.7	88.9	98.4	108
11.1	7/16	49.9	72.0	79.7	87.8	59.8	90.5	100	110
12		58.3	84.1	93.1	103	69.8	106	117	129
12.7	1/2	65.3	94.2	104	115	78.2	118	131	145
13		68.4	99	109	120	82.0	124	137	151
14		79.4	114	127	140	95.1	144	159	176
14.3	9/16	82.8	119	132	146	99.2	150	166	183
15.9	5/8	102	148	164	180	123	186	206	227
16		104	150	166	182	124	188	208	229
18		131	189	210	231	157	238	264	290
19		146	211	233	257	175	265	294	324
19.1	3/4	148	213	236	260	177	268	297	327
20		162	234	259	285	194	294	325	359
22		196	283	313	345	235	356	394	434
22.2	7/8	200	288	319	351	239	362	401	442
24		233	336	373	411	279	423	469	516
25.4	1	261	377	417	460	313	474	525	578
26		274	395	437	482	328	497	550	606
28		318	458	507	559	380	576	638	703
28.6	1 1/8	331	478	529	583	397	601	665	733
31.8	1 1/4	410	591	654	721	490	743	823	906
32		415	598	662	730	497	752	833	918
34.9	1 3/8	493	711	788	868	591	895	991	1092
35		496	716	792	873	594	900	996	1098
36		525	757	838	924	629	952	1054	1162
38		585	843	934	1029	700	1061	1175	1294
38.1	1 1/2	588	848	939	1035	704	1066	1181	1301
40		648	935	1035	1140	776	1175	1301	1434
41.3	1 5/8	691	996	1103	1216	827	1253	1387	1529
44		784	1131	1252	1380	939	1422	1575	1735
44.5	1 3/4	802	1157	1281	1412	960	1455	1611	1775
45		820	1183	1310	1443	982	1487	1647	1815
47.6	1 7/8	918	1323	1465	1615	1099	1664	1843	2031
48		933	1346	1490	1642	1117	1692	1874	2065
50.8	2	1045	1507	1669	1839	1252	1896	2099	2313
51		1053	1519	1682	1854	1261	1911	2116	2332
52		1095	1579	1749	1927	1311	1986	2199	2424
54	2 1/8	1181	1703	1886	2079	1414	2142	2372	2614
56		1270	1832	2028	2235	1521	2304	2551	2811
57.2	2 1/4	1325	1911	2116	2332	1587	2403	2661	2933
60		1458	2103	2328	2566	1710	2581	2858	3149
60.3	2 3/8	1473	2124	2352	2592	1727	2607	2886	3181
62		1557	2245	2486	2740	1826	2756	3051	3363
63.5	2 1/2	1633	2355	2608	2874	1915	2891	3201	3527
64		1659	2392	2649	2920	1946	2936	3251	3583

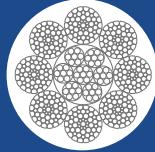
# 8xK55SWS



FC



WSC

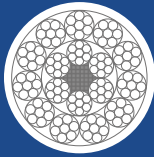


IWRC

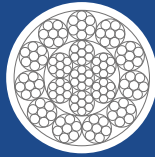


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤12mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.65	5.26	5.82	6.42	4.37	6.61	7.32	8.07
4		6.48	9.35	10.3	11.4	7.76	11.8	13.0	14.3
5		10.1	14.6	16.2	17.8	12.1	18.4	20.3	22.4
6		14.6	21.0	23.3	25.7	17.5	26.4	29.3	32.3
6.35	1/4	16.3	23.6	26.1	28.7	19.6	29.6	32.8	36.1
7		19.8	28.6	31.7	34.9	23.8	36.0	39.9	43.9
7.94	5/16	25.5	36.8	40.8	44.9	30.6	46.3	51.3	56.5
8		25.9	37.4	41.4	45.6	31.0	47.0	52.1	57.4
9		32.8	47.3	52.4	57.7	39.3	59.5	65.9	72.6
9.5	3/8	36.6	52.7	58.4	64.3	43.8	66.3	73.4	80.9
10		40.5	58.4	64.7	71.3	48.5	73.5	81.3	89.6
11		49.0	70.7	78.3	86.2	58.7	88.9	98.4	108
11.1	7/16	49.9	72.0	79.7	87.8	59.8	90.5	100	110
12		58.3	84.1	93.1	103	69.8	106	117	129
12.7	1/2	65.3	94.2	104	115	78.2	118	131	145
13		68.4	99	109	120	82.0	124	137	151
14		79.4	114	127	140	95.1	144	159	176
14.3	9/16	82.8	119	132	146	99.2	150	166	183
15.9	5/8	102	148	164	180	123	186	206	227
16		104	150	166	182	124	188	208	229
18		131	189	210	231	157	238	264	290
19		146	211	233	257	175	265	294	324
19.1	3/4	148	213	236	260	177	268	297	327
20		162	234	259	285	194	294	325	359
22		196	283	313	345	235	356	394	434
22.2	7/8	200	288	319	351	239	362	401	442
24		233	336	373	411	279	423	469	516
25.4	1	261	377	417	460	313	474	525	578
26		274	395	437	482	328	497	550	606
28		318	458	507	559	380	576	638	703
28.6	1 1/8	331	478	529	583	397	601	665	733
31.8	1 1/4	410	591	654	721	490	743	823	906
32		415	598	662	730	497	752	833	918
34.9	1 3/8	493	711	788	868	591	895	991	1092
35		496	716	792	873	594	900	996	1098
36		525	757	838	924	629	952	1054	1162
38		585	843	934	1029	700	1061	1175	1294
38.1	1 1/2	588	848	939	1035	704	1066	1181	1301
40		648	935	1035	1140	776	1175	1301	1434
41.3	1 5/8	691	996	1103	1216	827	1253	1387	1529
44		784	1131	1252	1380	939	1422	1575	1735
44.5	1 3/4	802	1157	1281	1412	960	1455	1611	1775
45		820	1183	1310	1443	982	1487	1647	1815
47.6	1 7/8	918	1323	1465	1615	1099	1664	1843	2031
48		933	1346	1490	1642	1117	1692	1874	2065
50.8	2	1045	1507	1669	1839	1252	1896	2099	2313
51		1053	1519	1682	1854	1261	1911	2116	2332
52		1095	1579	1749	1927	1311	1986	2199	2424
54	2 1/8	1181	1703	1886	2079	1414	2142	2372	2614
56		1270	1832	2028	2235	1521	2304	2551	2811
57.2	2 1/4	1325	1911	2116	2332	1587	2403	2661	2933
60		1458	2103	2328	2566	1710	2581	2858	3149
60.3	2 3/8	1473	2124	2352	2592	1727	2607	2886	3181
62		1557	2245	2486	2740	1826	2756	3051	3363
63.5	2 1/2	1633	2355	2608	2874	1915	2891	3201	3527
64		1659	2392	2649	2920	1946	2936	3251	3583

# 17x7



FC

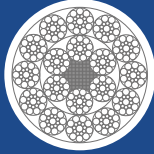


WSC

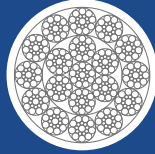


Nominal rope		Nominal tensile strength (MPa)			
		Minimum breaking load (kN)			
Size		FC			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.51	4.94	5.47	6.03
4		6.24	8.78	9.72	10.7
5		9.75	13.7	15.2	16.7
6		14.0	19.8	21.9	24.1
6.35	1/4	15.7	22.1	24.5	27.0
7		19.1	26.9	29.8	32.8
7.94	5/16	24.6	34.6	38.3	42.2
8		25.0	35.1	38.9	42.9
9		31.6	44.4	49.2	54.2
9.5	3/8	35.2	49.5	54.8	60.4
10		39.0	54.9	60.8	67.0
11		47.2	66.4	73.5	81.0
11.1	7/16	48.1	67.6	74.9	82.5
12		56.2	79.0	87.5	96.4
12.7	1/2	62.9	88.5	98.0	108
13		65.9	93	103	113
14		76.4	108	119	131
14.3	9/16	79.8	112	124	137
15.9	5/8	98.6	139	154	169
16		99.8	140	156	171
18		126	178	197	217
19		141	198	219	242
19.1	3/4	142	200	222	244
20		156	219	243	268
22		189	266	294	324
22.2	7/8	192	270	299	330
24		225	316	350	386
25.4	1	252	354	392	432
26		264	371	411	453
28		306	430	476	525
28.6	1 1/8	319	449	497	548
31.8	1 1/4	394	555	614	677
32		399	562	622	686
34.9	1 3/8	475	668	740	816
35		478	672	744	820
36		505	711	787	868
38		563	792	877	967
38.1	1 1/2	566	796	882	972
40		624	878	972	1071
41.3	1 5/8	665	936	1036	1142
44		755	1062	1176	1296
44.5	1 3/4	772	1087	1203	1326
45		790	1111	1230	1356
47.6	1 7/8	884	1243	1377	1517
48		899	1264	1400	1543
50.8	2	1006	1416	1568	1728
51		1014	1427	1580	1742
52		1055	1484	1643	1811
54	2 1/8	1137	1600	1772	1953
56		1223	1721	1905	2100
57.2	2 1/4	1276	1795	1988	2191
60		1404	1975	2187	2411
60.3	2 3/8	1418	1995	2209	2435
62		1499	2109	2336	2574
63.5	2 1/2	1573	2212	2450	2700
64		1597	2247	2489	2743

# 18x19S



FC

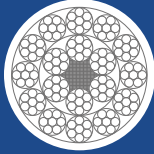


WSC



Nominal rope		Nominal tensile strength (MPa)			
		Minimum breaking load (kN)			
Size		FC			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.51	4.94	5.47	6.03
4		6.24	8.78	9.72	10.7
5		9.75	13.7	15.2	16.7
6		14.0	19.8	21.9	24.1
6.35	1/4	15.7	22.1	24.5	27.0
7		19.1	26.9	29.8	32.8
7.94	5/16	24.6	34.6	38.3	42.2
8		25.0	35.1	38.9	42.9
9		31.6	44.4	49.2	54.2
9.5	3/8	35.2	49.5	54.8	60.4
10		39.0	54.9	60.8	67.0
11		47.2	66.4	73.5	81.0
11.1	7/16	48.1	67.6	74.9	82.5
12		56.2	79.0	87.5	96.4
12.7	1/2	62.9	88.5	98.0	108
13		65.9	93	103	113
14		76.4	108	119	131
14.3	9/16	79.8	112	124	137
15.9	5/8	98.6	139	154	169
16		99.8	140	156	171
18		126	178	197	217
19		141	198	219	242
19.1	3/4	142	200	222	244
20		156	219	243	268
22		189	266	294	324
22.2	7/8	192	270	299	330
24		225	316	350	386
25.4	1	252	354	392	432
26		264	371	411	453
28		306	430	476	525
28.6	1 1/8	319	449	497	548
31.8	1 1/4	394	555	614	677
32		399	562	622	686
34.9	1 3/8	475	668	740	816
35		478	672	744	820
36		505	711	787	868
38		563	792	877	967
38.1	1 1/2	566	796	882	972
40		624	878	972	1071
41.3	1 5/8	665	936	1036	1142
44		755	1062	1176	1296
44.5	1 3/4	772	1087	1203	1326
45		790	1111	1230	1356
47.6	1 7/8	884	1243	1377	1517
48		899	1264	1400	1543
50.8	2	1006	1416	1568	1728
51		1014	1427	1580	1742
52		1055	1484	1643	1811
54	2 1/8	1137	1600	1772	1953
56		1223	1721	1905	2100
57.2	2 1/4	1276	1795	1988	2191
60		1404	1975	2187	2411
60.3	2 3/8	1418	1995	2209	2435
62		1499	2109	2336	2574
63.5	2 1/2	1573	2212	2450	2700
64		1597	2247	2489	2743

# 18x7



FC

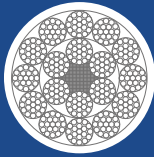


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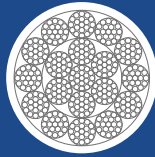


Nominal rope		Nominal tensile strength (MPa)			
		Minimum breaking load (kN)			
Size		FC			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.51	4.94	5.47	6.03
4		6.24	8.78	9.72	10.7
5		9.75	13.7	15.2	16.7
6		14.0	19.8	21.9	24.1
6.35	1/4	15.7	22.1	24.5	27.0
7		19.1	26.9	29.8	32.8
7.94	5/16	24.6	34.6	38.3	42.2
8		25.0	35.1	38.9	42.9
9		31.6	44.4	49.2	54.2
9.5	3/8	35.2	49.5	54.8	60.4
10		39.0	54.9	60.8	67.0
11		47.2	66.4	73.5	81.0
11.1	7/16	48.1	67.6	74.9	82.5
12		56.2	79.0	87.5	96.4
12.7	1/2	62.9	88.5	98.0	108
13		65.9	93	103	113
14		76.4	108	119	131
14.3	9/16	79.8	112	124	137
15.9	5/8	98.6	139	154	169
16		99.8	140	156	171
18		126	178	197	217
19		141	198	219	242
19.1	3/4	142	200	222	244
20		156	219	243	268
22		189	266	294	324
22.2	7/8	192	270	299	330
24		225	316	350	386
25.4	1	252	354	392	432
26		264	371	411	453
28		306	430	476	525
28.6	1 1/8	319	449	497	548
31.8	1 1/4	394	555	614	677
32		399	562	622	686
34.9	1 3/8	475	668	740	816
35		478	672	744	820
36		505	711	787	868
38		563	792	877	967
38.1	1 1/2	566	796	882	972
40		624	878	972	1071
41.3	1 5/8	665	936	1036	1142
44		755	1062	1176	1296
44.5	1 3/4	772	1087	1203	1326
45		790	1111	1230	1356
47.6	1 7/8	884	1243	1377	1517
48		899	1264	1400	1543
50.8	2	1006	1416	1568	1728
51		1014	1427	1580	1742
52		1055	1484	1643	1811
54	2 1/8	1137	1600	1772	1953
56		1223	1721	1905	2100
57.2	2 1/4	1276	1795	1988	2191
60		1404	1975	2187	2411
60.3	2 3/8	1418	1995	2209	2435
62		1499	2109	2336	2574
63.5	2 1/2	1573	2212	2450	2700
64		1597	2247	2489	2743

# 18x19W



FC

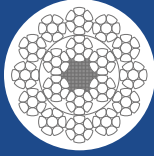


WSC

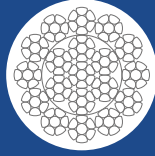


Nominal rope		Nominal tensile strength (MPa)			
		Minimum breaking load (kN)			
Size		FC			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.51	4.94	5.47	6.03
4		6.24	8.78	9.72	10.7
5		9.75	13.7	15.2	16.7
6		14.0	19.8	21.9	24.1
6.35	1/4	15.7	22.1	24.5	27.0
7		19.1	26.9	29.8	32.8
7.94	5/16	24.6	34.6	38.3	42.2
8		25.0	35.1	38.9	42.9
9		31.6	44.4	49.2	54.2
9.5	3/8	35.2	49.5	54.8	60.4
10		39.0	54.9	60.8	67.0
11		47.2	66.4	73.5	81.0
11.1	7/16	48.1	67.6	74.9	82.5
12		56.2	79.0	87.5	96.4
12.7	1/2	62.9	88.5	98.0	108
13		65.9	93	103	113
14		76.4	108	119	131
14.3	9/16	79.8	112	124	137
15.9	5/8	98.6	139	154	169
16		99.8	140	156	171
18		126	178	197	217
19		141	198	219	242
19.1	3/4	142	200	222	244
20		156	219	243	268
22		189	266	294	324
22.2	7/8	192	270	299	330
24		225	316	350	386
25.4	1	252	354	392	432
26		264	371	411	453
28		306	430	476	525
28.6	1 1/8	319	449	497	548
31.8	1 1/4	394	555	614	677
32		399	562	622	686
34.9	1 3/8	475	668	740	816
35		478	672	744	820
36		505	711	787	868
38		563	792	877	967
38.1	1 1/2	566	796	882	972
40		624	878	972	1071
41.3	1 5/8	665	936	1036	1142
44		755	1062	1176	1296
44.5	1 3/4	772	1087	1203	1326
45		790	1111	1230	1356
47.6	1 7/8	884	1243	1377	1517
48		899	1264	1400	1543
50.8	2	1006	1416	1568	1728
51		1014	1427	1580	1742
52		1055	1484	1643	1811
54	2 1/8	1137	1600	1772	1953
56		1223	1721	1905	2100
57.2	2 1/4	1276	1795	1988	2191
60		1404	1975	2187	2411
60.3	2 3/8	1418	1995	2209	2435
62		1499	2109	2336	2574
63.5	2 1/2	1573	2212	2450	2700
64		1597	2247	2489	2743

# 18xK7



FC

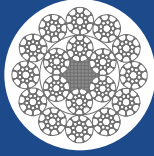


WSC(K)

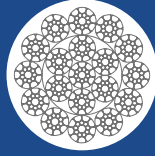


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				WSC			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.84	5.58	6.17	6.80	4.14	5.9	6.5	7.2
4		6.83	9.91	11.0	12.1	7.36	10.5	11.6	12.8
5		10.7	15.5	17.2	18.9	11.5	16.4	18.1	20.0
6		15.4	22.3	24.7	27.2	16.6	23.6	26.1	28.8
6.35	1/4	17.2	25.0	27.7	30.5	18.5	26.4	29.2	32.2
7		20.9	30.4	33.6	37.0	22.5	32.1	35.5	39.2
7.94	5/16	26.9	39.1	43.2	47.7	29.0	41.3	45.7	50.4
8		27.3	39.6	43.9	48.4	29.4	41.9	46.4	51.1
9		34.6	50.2	55.6	61.2	37.3	53.0	58.7	64.7
9.5	3/8	38.5	55.9	61.9	68.2	41.5	59.1	65.4	72.1
10		42.7	62.0	68.6	75.6	46.0	65.5	72.5	79.9
11		51.7	75.0	83.0	91.5	55.7	79.2	87.7	96.7
11.1	7/16	52.6	76.3	84.5	93.1	56.7	80.7	89.4	98.5
12		61.5	89.2	98.8	109	66.2	94	104	115
12.7	1/2	68.9	100	111	122	74.2	106	117	129
13		72.2	105	116	128	77.7	111	123	135
14		83.7	121	134	148	90.2	128	142	157
14.3	9/16	87.3	127	140	155	94.1	134	148	163
15.9	5/8	108	157	173	191	116	166	183	202
16		109	159	176	194	118	168	186	205
18		138	201	222	245	149	212	235	259
19		154	224	248	273	166	236	262	289
19.1	3/4	156	226	250	276	168	239	265	292
20		171	248	274	302	184	262	290	320
22		207	300	332	366	223	317	351	387
22.2	7/8	210	305	338	373	227	323	357	394
24		246	357	395	435	265	377	418	460
25.4	1	275	400	443	488	297	423	468	516
26		289	419	464	511	311	443	490	540
28		335	486	538	593	361	513	569	627
28.6	1 1/8	349	507	561	618	376	536	593	654
31.8	1 1/4	432	626	694	764	465	662	733	808
32		437	634	702	774	471	671	743	818
34.9	1 3/8	520	755	836	921	560	798	883	973
35		523	759	840	926	564	802	888	979
36		553	803	889	980	596	849	940	1036
38		617	895	991	1092	664	946	1047	1154
38.1	1 1/2	620	899	996	1097	668	951	1053	1160
40		683	991	1098	1210	736	1048	1160	1279
41.3	1 5/8	728	1057	1170	1290	785	1117	1237	1363
44		827	1199	1328	1464	891	1268	1404	1547
44.5	1 3/4	846	1227	1358	1497	911	1297	1436	1583
45		865	1254	1389	1531	932	1326	1469	1618
47.6	1 7/8	967	1404	1554	1713	1042	1484	1643	1811
48		984	1427	1581	1742	1060	1509	1671	1841
50.8	2	1102	1599	1770	1951	1187	1690	1871	2062
51		1111	1611	1784	1966	1196	1703	1886	2079
52		1155	1675	1855	2044	1244	1771	1961	2161
54	2 1/8	1245	1806	2000	2204	1341	1910	2115	2330
56		1339	1943	2151	2371	1443	2054	2274	2506
57.2	2 1/4	1397	2027	2244	2474	1505	2143	2373	2615
60		1537	2230	2470	2722	1656	2358	2611	2877
60.3	2 3/8	1553	2253	2494	2749	1673	2381	2637	2906
62		1641	2381	2637	2906	1768	2517	2788	3072
63.5	2 1/2	1722	2498	2766	3048	1855	2641	2924	3223
64		1749	2537	2810	3097	1884	2682	2970	3274

# 18xK19S



FC

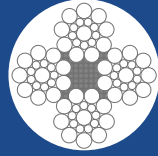


WSC



Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				WSC			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.84	5.58	6.17	6.80	4.14	5.9	6.5	7.2
4		6.83	9.91	11.0	12.1	7.36	10.5	11.6	12.8
5		10.7	15.5	17.2	18.9	11.5	16.4	18.1	20.0
6		15.4	22.3	24.7	27.2	16.6	23.6	26.1	28.8
6.35	1/4	17.2	25.0	27.7	30.5	18.5	26.4	29.2	32.2
7		20.9	30.4	33.6	37.0	22.5	32.1	35.5	39.2
7.94	5/16	26.9	39.1	43.2	47.7	29.0	41.3	45.7	50.4
8		27.3	39.6	43.9	48.4	29.4	41.9	46.4	51.1
9		34.6	50.2	55.6	61.2	37.3	53.0	58.7	64.7
9.5	3/8	38.5	55.9	61.9	68.2	41.5	59.1	65.4	72.1
10		42.7	62.0	68.6	75.6	46.0	65.5	72.5	79.9
11		51.7	75.0	83.0	91.5	55.7	79.2	87.7	96.7
11.1	7/16	52.6	76.3	84.5	93.1	56.7	80.7	89.4	98.5
12		61.5	89.2	98.8	109	66.2	94	104	115
12.7	1/2	68.9	100	111	122	74.2	106	117	129
13		72.2	105	116	128	77.7	111	123	135
14		83.7	121	134	148	90.2	128	142	157
14.3	9/16	87.3	127	140	155	94.1	134	148	163
15.9	5/8	108	157	173	191	116	166	183	202
16		109	159	176	194	118	168	186	205
18		138	201	222	245	149	212	235	259
19		154	224	248	273	166	236	262	289
19.1	3/4	156	226	250	276	168	239	265	292
20		171	248	274	302	184	262	290	320
22		207	300	332	366	223	317	351	387
22.2	7/8	210	305	338	373	227	323	357	394
24		246	357	395	435	265	377	418	460
25.4	1	275	400	443	488	297	423	468	516
26		289	419	464	511	311	443	490	540
28		335	486	538	593	361	513	569	627
28.6	1 1/8	349	507	561	618	376	536	593	654
31.8	1 1/4	432	626	694	764	465	662	733	808
32		437	634	702	774	471	671	743	818
34.9	1 3/8	520	755	836	921	560	798	883	973
35		523	759	840	926	564	802	888	979
36		553	803	889	980	596	849	940	1036
38		617	895	991	1092	664	946	1047	1154
38.1	1 1/2	620	899	996	1097	668	951	1053	1160
40		683	991	1098	1210	736	1048	1160	1279
41.3	1 5/8	728	1057	1170	1290	785	1117	1237	1363
44		827	1199	1328	1464	891	1268	1404	1547
44.5	1 3/4	846	1227	1358	1497	911	1297	1436	1583
45		865	1254	1389	1531	932	1326	1469	1618
47.6	1 7/8	967	1404	1554	1713	1042	1484	1643	1811
48		984	1427	1581	1742	1060	1509	1671	1841
50.8	2	1102	1599	1770	1951	1187	1690	1871	2062
51		1111	1611	1784	1966	1196	1703	1886	2079
52		1155	1675	1855	2044	1244	1771	1961	2161
54	2 1/8	1245	1806	2000	2204	1341	1910	2115	2330
56		1339	1943	2151	2371	1443	2054	2274	2506
57.2	2 1/4	1397	2027	2244	2474	1505	2143	2373	2615
60		1537	2230	2470	2722	1656	2358	2611	2877
60.3	2 3/8	1553	2253	2494	2749	1673	2381	2637	2906
62		1641	2381	2637	2906	1768	2517	2788	3072
63.5	2 1/2	1722	2498	2766	3048	1855	2641	2924	3223
64		1749	2537	2810	3097	1884	2682	2970	3274

# 4x19S

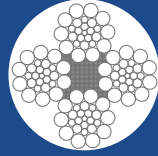


FC



Nominal rope		Nominal tensile strength (MPa)			
		Minimum breaking load (kN)			
Size		FC			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.69	5.73	6.35	7.00
4		6.56	10.2	11.3	12.4
5		10.3	15.9	17.6	19.4
6		14.8	22.9	25.4	28.0
6.35	1/4	16.5	25.7	28.5	31.4
7		20.1	31.2	34.6	38.1
7.94	5/16	25.8	40.2	44.5	49.0
8		26.2	40.8	45.2	49.8
9		33.2	51.6	57.2	63.0
9.5	3/8	37.0	57.5	63.7	70.2
10		41.0	63.7	70.6	77.8
11		49.6	77.1	85.4	94.1
11.1	7/16	50.5	78.5	86.9	95.8
12		59.0	91.8	102	112
12.7	1/2	66.1	103	114	125
13		69.3	108	119	131
14		80.4	125	138	152
14.3	9/16	83.8	130	144	159
15.9	5/8	104	161	178	197
16		105	163	181	199
18		133	206	229	252
19		148	230	255	281
19.1	3/4	150	232	257	284
20		164	255	282	311
22		198	308	342	376
22.2	7/8	202	314	348	383
24		236	367	406	448
25.4	1	265	411	455	502
26		277	431	477	526
28		321	500	553	610
28.6	1 1/8	335	521	577	636
31.8	1 1/4	415	644	714	786
32		420	652	723	796
34.9	1 3/8	499	776	859	947
35		502	781	864	953
36		531	826	914	1008
38		592	920	1019	1123
38.1	1 1/2	595	925	1024	1129
40		656	1020	1129	1244
41.3	1 5/8	699	1087	1204	1326
44		794	1234	1366	1505
44.5	1 3/4	812	1262	1397	1540
45		830	1290	1429	1575
47.6	1 7/8	929	1444	1599	1762
48		945	1468	1626	1792

# 4x26WS

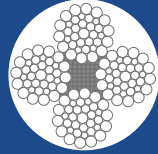


FC



Nominal rope		Nominal tensile strength (MPa)			
		Minimum breaking load (kN)			
Size		FC			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.69	5.73	6.35	7.00
4		6.56	10.2	11.3	12.4
5		10.3	15.9	17.6	19.4
6		14.8	22.9	25.4	28.0
6.35	1/4	16.5	25.7	28.5	31.4
7		20.1	31.2	34.6	38.1
7.94	5/16	25.8	40.2	44.5	49.0
8		26.2	40.8	45.2	49.8
9		33.2	51.6	57.2	63.0
9.5	3/8	37.0	57.5	63.7	70.2
10		41.0	63.7	70.6	77.8
11		49.6	77.1	85.4	94.1
11.1	7/16	50.5	78.5	86.9	95.8
12		59.0	91.8	102	112
12.7	1/2	66.1	103	114	125
13		69.3	108	119	131
14		80.4	125	138	152
14.3	9/16	83.8	130	144	159
15.9	5/8	104	161	178	197
16		105	163	181	199
18		133	206	229	252
19		148	230	255	281
19.1	3/4	150	232	257	284
20		164	255	282	311
22		198	308	342	376
22.2	7/8	202	314	348	383
24		236	367	406	448
25.4	1	265	411	455	502
26		277	431	477	526
28		321	500	553	610
28.6	1 1/8	335	521	577	636
31.8	1 1/4	415	644	714	786
32		420	652	723	796
34.9	1 3/8	499	776	859	947
35		502	781	864	953
36		531	826	914	1008
38		592	920	1019	1123
38.1	1 1/2	595	925	1024	1129
40		656	1020	1129	1244
41.3	1 5/8	699	1087	1204	1326
44		794	1234	1366	1505
44.5	1 3/4	812	1262	1397	1540
45		830	1290	1429	1575
47.6	1 7/8	929	1444	1599	1762
48		945	1468	1626	1792

# 4x36WS

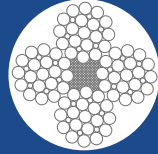


FC



Nominal rope		Nominal tensile strength (MPa)			
		Minimum breaking load (kN)			
Size		FC			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.69	5.73	6.35	7.00
4		6.56	10.2	11.3	12.4
5		10.3	15.9	17.6	19.4
6		14.8	22.9	25.4	28.0
6.35	1/4	16.5	25.7	28.5	31.4
7		20.1	31.2	34.6	38.1
7.94	5/16	25.8	40.2	44.5	49.0
8		26.2	40.8	45.2	49.8
9		33.2	51.6	57.2	63.0
9.5	3/8	37.0	57.5	63.7	70.2
10		41.0	63.7	70.6	77.8
11		49.6	77.1	85.4	94.1
11.1	7/16	50.5	78.5	86.9	95.8
12		59.0	91.8	102	112
12.7	1/2	66.1	103	114	125
13		69.3	108	119	131
14		80.4	125	138	152
14.3	9/16	83.8	130	144	159
15.9	5/8	104	161	178	197
16		105	163	181	199
18		133	206	229	252
19		148	230	255	281
19.1	3/4	150	232	257	284
20		164	255	282	311
22		198	308	342	376
22.2	7/8	202	314	348	383
24		236	367	406	448
25.4	1	265	411	455	502
26		277	431	477	526
28		321	500	553	610
28.6	1 1/8	335	521	577	636
31.8	1 1/4	415	644	714	786
32		420	652	723	796
34.9	1 3/8	499	776	859	947
35		502	781	864	953
36		531	826	914	1008
38		592	920	1019	1123
38.1	1 1/2	595	925	1024	1129
40		656	1020	1129	1244
41.3	1 5/8	699	1087	1204	1326
44		794	1234	1366	1505
44.5	1 3/4	812	1262	1397	1540
45		830	1290	1429	1575
47.6	1 7/8	929	1444	1599	1762
48		945	1468	1626	1792

# 4x25Fi

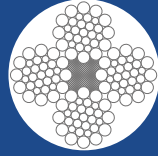


FC



Nominal rope		Nominal tensile strength (MPa)			
		Minimum breaking load (kN)			
Size		FC			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.69	5.73	6.35	7.00
4		6.56	10.2	11.3	12.4
5		10.3	15.9	17.6	19.4
6		14.8	22.9	25.4	28.0
6.35	1/4	16.5	25.7	28.5	31.4
7		20.1	31.2	34.6	38.1
7.94	5/16	25.8	40.2	44.5	49.0
8		26.2	40.8	45.2	49.8
9		33.2	51.6	57.2	63.0
9.5	3/8	37.0	57.5	63.7	70.2
10		41.0	63.7	70.6	77.8
11		49.6	77.1	85.4	94.1
11.1	7/16	50.5	78.5	86.9	95.8
12		59.0	91.8	102	112
12.7	1/2	66.1	103	114	125
13		69.3	108	119	131
14		80.4	125	138	152
14.3	9/16	83.8	130	144	159
15.9	5/8	104	161	178	197
16		105	163	181	199
18		133	206	229	252
19		148	230	255	281
19.1	3/4	150	232	257	284
20		164	255	282	311
22		198	308	342	376
22.2	7/8	202	314	348	383
24		236	367	406	448
25.4	1	265	411	455	502
26		277	431	477	526
28		321	500	553	610
28.6	1 1/8	335	521	577	636
31.8	1 1/4	415	644	714	786
32		420	652	723	796
34.9	1 3/8	499	776	859	947
35		502	781	864	953
36		531	826	914	1008
38		592	920	1019	1123
38.1	1 1/2	595	925	1024	1129
40		656	1020	1129	1244
41.3	1 5/8	699	1087	1204	1326
44		794	1234	1366	1505
44.5	1 3/4	812	1262	1397	1540
45		830	1290	1429	1575
47.6	1 7/8	929	1444	1599	1762
48		945	1468	1626	1792

# 4x31WS



FC



Nominal rope		Nominal tensile strength (MPa)			
		Minimum breaking load (kN)			
Size		FC			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.69	5.73	6.35	7.00
4		6.56	10.2	11.3	12.4
5		10.3	15.9	17.6	19.4
6		14.8	22.9	25.4	28.0
6.35	1/4	16.5	25.7	28.5	31.4
7		20.1	31.2	34.6	38.1
7.94	5/16	25.8	40.2	44.5	49.0
8		26.2	40.8	45.2	49.8
9		33.2	51.6	57.2	63.0
9.5	3/8	37.0	57.5	63.7	70.2
10		41.0	63.7	70.6	77.8
11		49.6	77.1	85.4	94.1
11.1	7/16	50.5	78.5	86.9	95.8
12		59.0	91.8	102	112
12.7	1/2	66.1	103	114	125
13		69.3	108	119	131
14		80.4	125	138	152
14.3	9/16	83.8	130	144	159
15.9	5/8	104	161	178	197
16		105	163	181	199
18		133	206	229	252
19		148	230	255	281
19.1	3/4	150	232	257	284
20		164	255	282	311
22		198	308	342	376
22.2	7/8	202	314	348	383
24		236	367	406	448
25.4	1	265	411	455	502
26		277	431	477	526
28		321	500	553	610
28.6	1 1/8	335	521	577	636
31.8	1 1/4	415	644	714	786
32		420	652	723	796
34.9	1 3/8	499	776	859	947
35		502	781	864	953
36		531	826	914	1008
38		592	920	1019	1123
38.1	1 1/2	595	925	1024	1129
40		656	1020	1129	1244
41.3	1 5/8	699	1087	1204	1326
44		794	1234	1366	1505
44.5	1 3/4	812	1262	1397	1540
45		830	1290	1429	1575
47.6	1 7/8	929	1444	1599	1762
48		945	1468	1626	1792



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