



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

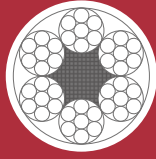
**HENAN JULI**  
WIRE ROPE MANUFACTURING CO.,LTD

**INDONESIA JULI**  
WIRE ROPE

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# 6x7



FC



WSC

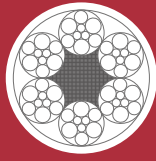


IWRC



Nominal rope		Nominal tensile strength (MPa)											
		Minimum breaking load (kN)											
Size		FC				WSC (≤7mmWSC)				IWRC (>7mmIWRC)			
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		3.10	5.45	6.03	6.65	3.52	6.37	7.05	7.77	3.52	6.37	7.05	7.77
4		5.50	9.68	10.7	11.8	6.25	11.3	12.5	13.8	6.25	11.3	12.5	13.8
5		8.60	15.1	16.8	18.5	9.77	17.7	19.6	21.6	9.77	17.7	19.6	21.6
6		12.4	21.8	24.1	26.6	14.1	25.5	28.2	31.1	14.1	25.5	28.2	31.1
6.35	1/4	13.9	24.4	27.0	29.8	15.8	28.5	31.6	34.8	15.8	28.5	31.6	34.8
7		16.9	29.7	32.8	36.2	19.2	34.7	38.4	42.3	19.2	34.7	38.4	42.3
7.94	5/16	21.7	38.2	42.3	46.6	25.2	41.3	45.7	50.4	25.2	41.3	45.7	50.4
8		22.0	38.7	42.9	47.3	25.6	41.9	46.4	51.1	25.6	41.9	46.4	51.1
9		27.9	49.0	54.3	59.8	32.4	53.0	58.7	64.7	32.4	53.0	58.7	64.7
9.5	3/8	31.0	54.6	60.5	66.7	36.1	59.1	65.4	72.1	36.1	59.1	65.4	72.1
10		34.4	60.5	67.0	73.9	40.0	65.4	72.5	79.9	40.0	65.4	72.5	79.9
11		41.6	73.2	81.1	89.4	48.4	79.2	87.7	96.6	48.4	79.2	87.7	96.6
11.1	7/16	42.4	74.6	82.6	91.0	49.3	80.6	89.3	98.4	49.3	80.6	89.3	98.4
12		49.5	87.2	96.5	106	57.6	94.2	104	115	57.6	94.2	104	115
12.7	1/2	55.5	97.6	108	119	64.5	106	117	129	64.5	106	117	129
13		58.1	102	113	125	67.6	111	122	135	67.6	111	122	135
14		67.4	119	131	145	78.4	128	142	157	78.4	128	142	157
14.3	9/16	70.3	124	137	151	81.8	134	148	163	81.8	134	148	163
15.9	5/8	87.0	153	169	187	101	165	183	202	101	165	183	202
16		88.1	155	172	189	102	168	186	204	102	168	186	204
18		111	196	217	239	130	212	235	259	130	212	235	259
19		124	219	242	267	144	236	262	288	144	236	262	288
19.1	3/4	125	221	245	269	146	239	264	291	146	239	264	291
20		138	242	268	295	160	262	290	319	160	262	290	319
22		166	293	324	357	194	317	351	387	194	317	351	387
22.2	7/8	170	298	330	364	197	323	357	394	197	323	357	394
24		198	349	386	425	230	377	417	460	230	377	417	460
25.4	1	222	390	432	477	258	422	468	515	258	422	468	515
26		233	409	453	499	270	442	490	540	270	442	490	540
28		270	475	525	579	314	513	568	626	314	513	568	626
28.6	1 1/8	281	495	548	604	327	535	593	653	327	535	593	653
31.8	1 1/4	348	612	678	747	404	662	733	808	404	662	733	808
32		352	620	686	756	410	670	742	818	410	670	742	818
34.9	1 3/8	419	737	816	900	487	797	883	973	487	797	883	973
35		421	741	821	905	490	802	888	978	490	802	888	978
36		446	784	869	957	518	848	939	1035	518	848	939	1035
38		497	874	968	1067	578	945	1047	1153	578	945	1047	1153
38.1	1 1/2	499	879	973	1072	581	950	1052	1159	581	950	1052	1159
40		550	968	1072	1182	640	1047	1160	1278	640	1047	1160	1278
41.3	1 5/8	587	1032	1143	1260	682	1116	1236	1362	682	1116	1236	1362
44		666	1172	1298	1430	774	1267	1403	1546	774	1267	1403	1546
44.5	1 3/4	681	1199	1327	1463	792	1296	1435	1582	792	1296	1435	1582
45		697	1226	1357	1496	810	1325	1468	1617	810	1325	1468	1617
47.6	1 7/8	779	1371	1519	1674	906	1483	1642	1810	906	1483	1642	1810
48		793	1395	1544	1702	922	1508	1670	1840	922	1508	1670	1840
50.8	2	888	1562	1730	1906	1032	1689	1870	2061	1032	1689	1870	2061
51		895	1574	1743	1921	1040	1702	1885	2077	1040	1702	1885	2077
52		930	1637	1812	1997	1081	1770	1960	2160	1081	1770	1960	2160
54	2 1/8	1003	1765	1954	2154	1166	1909	2113	2329	1166	1909	2113	2329
56		1079	1898	2102	2316	1254	2052	2273	2505	1254	2052	2273	2505
57.2	2 1/4	1126	1980	2193	2417	1309	2141	2371	2613	1309	2141	2371	2613
60		1238	2179	2413	2659	1440	2356	2609	2875	1440	2356	2609	2875
60.3	2 3/8	1251	2201	2437	2686	1454	2380	2635	2904	1454	2380	2635	2904
62		1322	2327	2576	2839	1537	2516	2786	3070	1537	2516	2786	3070
63.5	2 1/2	1387	2441	2703	2978	1613	2639	2922	3221	1613	2639	2922	3221
64		1409	2479	2745	3025	1638	2681	2969	3271	1638	2681	2969	3271

# 6x9W



FC



WSC

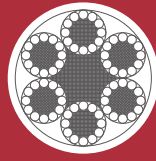


IWRC



Nominal rope		Nominal tensile strength (MPa)											
		Minimum breaking load (kN)											
		FC				WSC (≤7mmWSC)				IWRC (>7mmIWRC)			
Size		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>
mm	in.												
3		3.10	5.45	6.03	6.65	3.52	6.37	7.05	7.77	3.52	6.37	7.05	7.77
4		5.50	9.68	10.7	11.8	6.25	11.3	12.5	13.8	6.25	11.3	12.5	13.8
5		8.60	15.1	16.8	18.5	9.77	17.7	19.6	21.6	9.77	17.7	19.6	21.6
6		12.4	21.8	24.1	26.6	14.1	25.5	28.2	31.1	14.1	25.5	28.2	31.1
6.35	1/4	13.9	24.4	27.0	29.8	15.8	28.5	31.6	34.8	15.8	28.5	31.6	34.8
7		16.9	29.7	32.8	36.2	19.2	34.7	38.4	42.3	19.2	34.7	38.4	42.3
7.94	5/16	21.7	38.2	42.3	46.6	25.2	41.3	45.7	50.4	25.2	41.3	45.7	50.4
8		22.0	38.7	42.9	47.3	25.6	41.9	46.4	51.1	25.6	41.9	46.4	51.1
9		27.9	49.0	54.3	59.8	32.4	53.0	58.7	64.7	32.4	53.0	58.7	64.7
9.5	3/8	31.0	54.6	60.5	66.7	36.1	59.1	65.4	72.1	36.1	59.1	65.4	72.1
10		34.4	60.5	67.0	73.9	40.0	65.4	72.5	79.9	40.0	65.4	72.5	79.9
11		41.6	73.2	81.1	89.4	48.4	79.2	87.7	96.6	48.4	79.2	87.7	96.6
11.1	7/16	42.4	74.6	82.6	91.0	49.3	80.6	89.3	98.4	49.3	80.6	89.3	98.4
12		49.5	87.2	96.5	106	57.6	94.2	104	115	57.6	94.2	104	115
12.7	1/2	55.5	97.6	108	119	64.5	106	117	129	64.5	106	117	129
13		58.1	102	113	125	67.6	111	122	135	67.6	111	122	135
14		67.4	119	131	145	78.4	128	142	157	78.4	128	142	157
14.3	9/16	70.3	124	137	151	81.8	134	148	163	81.8	134	148	163
15.9	5/8	87.0	153	169	187	101	165	183	202	101	165	183	202
16		88.1	155	172	189	102	168	186	204	102	168	186	204
18		111	196	217	239	130	212	235	259	130	212	235	259
19		124	219	242	267	144	236	262	288	144	236	262	288
19.1	3/4	125	221	245	269	146	239	264	291	146	239	264	291
20		138	242	268	295	160	262	290	319	160	262	290	319
22		166	293	324	357	194	317	351	387	194	317	351	387
22.2	7/8	170	298	330	364	197	323	357	394	197	323	357	394
24		198	349	386	425	230	377	417	460	230	377	417	460
25.4	1	222	390	432	477	258	422	468	515	258	422	468	515
26		233	409	453	499	270	442	490	540	270	442	490	540
28		270	475	525	579	314	513	568	626	314	513	568	626
28.6	1 1/8	281	495	548	604	327	535	593	653	327	535	593	653
31.8	1 1/4	348	612	678	747	404	662	733	808	404	662	733	808
32		352	620	686	756	410	670	742	818	410	670	742	818
34.9	1 3/8	419	737	816	900	487	797	883	973	487	797	883	973
35		421	741	821	905	490	802	888	978	490	802	888	978
36		446	784	869	957	518	848	939	1035	518	848	939	1035
38		497	874	968	1067	578	945	1047	1153	578	945	1047	1153
38.1	1 1/2	499	879	973	1072	581	950	1052	1159	581	950	1052	1159
40		550	968	1072	1182	640	1047	1160	1278	640	1047	1160	1278
41.3	1 5/8	587	1032	1143	1260	682	1116	1236	1362	682	1116	1236	1362
44		666	1172	1298	1430	774	1267	1403	1546	774	1267	1403	1546
44.5	1 3/4	681	1199	1327	1463	792	1296	1435	1582	792	1296	1435	1582
45		697	1226	1357	1496	810	1325	1468	1617	810	1325	1468	1617
47.6	1 7/8	779	1371	1519	1674	906	1483	1642	1810	906	1483	1642	1810
48		793	1395	1544	1702	922	1508	1670	1840	922	1508	1670	1840
50.8	2	888	1562	1730	1906	1032	1689	1870	2061	1032	1689	1870	2061
51		895	1574	1743	1921	1040	1702	1885	2077	1040	1702	1885	2077
52		930	1637	1812	1997	1081	1770	1960	2160	1081	1770	1960	2160
54	2 1/8	1003	1765	1954	2154	1166	1909	2113	2329	1166	1909	2113	2329
56		1079	1898	2102	2316	1254	2052	2273	2505	1254	2052	2273	2505
57.2	2 1/4	1126	1980	2193	2417	1309	2141	2371	2613	1309	2141	2371	2613
60		1238	2179	2413	2659	1440	2356	2609	2875	1440	2356	2609	2875
60.3	2 3/8	1251	2201	2437	2686	1454	2380	2635	2904	1454	2380	2635	2904
62		1322	2327	2576	2839	1537	2516	2786	3070	1537	2516	2786	3070
63.5	2 1/2	1387	2441	2703	2978	1613	2639	2922	3221	1613	2639	2922	3221
64		1409	2479	2745	3025	1638	2681	2969	3271	1638	2681	2969	3271

# 6x12FC-FC

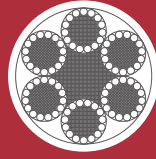


FC



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		2.16	3.43	3.80	4.18
4		3.84	6.10	6.75	7.44
5		6.00	9.53	10.5	11.6
6		8.64	13.7	15.2	16.7
6.35	1/4	9.68	15.4	17.0	18.7
7		11.8	18.7	20.7	22.8
7.94	5/16	15.1	24.0	26.6	29.3
8		15.4	24.4	27.0	29.8
9		19.4	30.9	34.2	37.7
9.5	3/8	21.7	34.4	38.1	42.0
10		24.0	38.1	42.2	46.5
11		29.0	46.1	51.1	56.3
11.1	7/16	29.6	46.9	52.0	57.3
12		34.6	54.9	60.8	67.0
12.7	1/2	38.7	61.5	68.1	75.0
13		40.6	64.4	71.3	78.6
14		47.0	74.7	82.7	91.1
14.3	9/16	49.1	77.9	86.3	95.1
15.9	5/8	60.7	96.3	107	118
16		61.4	97.5	108	119
18		77.8	123	137	151
19		86.6	138	152	168
19.1	3/4	87.6	139	154	170
20		96.0	152	169	186
22		116	184	204	225
22.2	7/8	118	188	208	229
24		138	219	243	268
25.4	1	155	246	272	300
26		162	258	285	314
28		188	299	331	365
28.6	1 1/8	196	312	345	380
31.8	1 1/4	243	385	427	470
32		246	390	432	476
34.9	1 3/8	292	464	514	566
35		294	467	517	570
36		311	494	547	603
38		347	550	609	671
38.1	1 1/2	348	553	612	675
40		384	610	675	744
41.3	1 5/8	409	650	720	793
44		465	738	817	900
44.5	1 3/4	475	755	836	921
45		486	772	854	942
47.6	1 7/8	544	863	956	1054
48		553	878	972	1071

# 6x15FC-FC

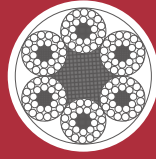


FC



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		1.82	2.95	3.27
4		3.23	5.25	5.81
5		5.05	8.20	9.08
6		7.27	11.8	13.1
6.35	1/4	8.15	13.2	14.7
7		9.90	16.1	17.8
7.94	5/16	12.7	20.7	22.9
8		12.9	21.0	23.3
9		16.4	26.6	29.4
9.5	3/8	18.2	29.6	32.8
10		20.2	32.8	36.3
11		24.4	39.7	44.0
11.1	7/16	24.9	40.4	44.8
12		29.1	47.3	52.3
12.7	1/2	32.6	52.9	58.6
13		34.1	55.5	61.4
14		39.6	64.3	71.2
14.3	9/16	41.3	67.1	74.3
15.9	5/8	51.1	83.0	91.9
16		51.7	84.0	93.0
18		65.4	106	118
19		72.9	118	131
19.1	3/4	73.7	120	133
20		80.8	131	145
22		97.8	159	176
22.2	7/8	99.6	162	179
24		116	189	209
25.4	1	130	212	234
26		137	222	246
28		158	257	285
28.6	1 1/8	165	268	297
31.8	1 1/4	204	332	367
32		207	336	372
34.9	1 3/8	246	400	443
35		247	402	445
36		262	425	471
38		292	474	525
38.1	1 1/2	293	476	527
40		323	525	581
41.3	1 5/8	345	560	620
44		391	635	704
44.5	1 3/4	400	650	720
45		409	665	736
47.6	1 7/8	458	744	823
48		465	756	837

# 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		2.89	4.59	5.09
4		5.14	8.17	9.04
5		8.03	12.8	14.1
6		11.6	18.4	20.3
6.35	1/4	13.0	20.6	22.8
7		15.7	25.0	27.7
7.94	5/16	20.2	32.2	35.6
8		20.6	32.7	36.2
9		26.0	41.3	45.8
9.5	3/8	29.0	46.1	51.0
10		32.1	51.0	56.5
11		38.9	61.8	68.4
11.1	7/16	39.6	62.9	69.6
12		46.2	73.5	81.4
12.7	1/2	51.8	82.3	91.2
13		54.3	86.3	95.5
14		63.0	100	111
14.3	9/16	65.7	104	116
15.9	5/8	81.2	129	143
16		82.2	131	145
18		104	165	183
19		116	184	204
19.1	3/4	117	186	206
20		128	204	226
22		155	247	274
22.2	7/8	158	252	279
24		185	294	326
25.4	1	207	329	365
26		217	345	382
28		252	400	443
28.6	1 1/8	263	418	462
31.8	1 1/4	325	516	572
32		329	523	579
34.9	1 3/8	391	622	688
35		393	625	692
36		416	662	733
38		464	737	816
38.1	1 1/2	466	741	821
40		514	817	904
41.3	1 5/8	548	871	964
44		622	988	1094
44.5	1 3/4	636	1011	1119
45		650	1034	1145
47.6	1 7/8	728	1157	1281
48		740	1176	1302

# 6x19M



FC



WSC



IWRC



Nominal rope		Nominal tensile strength (MPa)											
		Minimum breaking load (kN)											
		FC				WSC (≤7mmWSC)				IWRC (>7mmIWRC)			
Size		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>
mm	in.												
3		3.08	5.04	5.58	6.15	3.55	5.94	6.58	7.25	3.55	5.94	6.58	7.25
4		5.47	8.96	9.92	11	6.30	10.6	11.7	12.9	6.30	10.6	11.7	12.9
5		8.55	14.0	15.5	17.1	9.85	16.5	18.3	20.1	9.85	16.5	18.3	20.1
6		12.3	20.1	22.3	24.6	14.2	23.8	26.3	29.0	14.2	23.8	26.3	29.0
6.35	1/4	13.8	22.6	25.0	27.5	15.9	26.6	29.5	32.5	15.9	26.6	29.5	32.5
7		16.8	27.4	30.4	33.5	19.3	32.3	35.8	39.5	19.3	32.3	35.8	39.5
7.94	5/16	21.6	35.3	39.1	43.1	24.8	41.6	46.1	50.8	24.8	41.6	46.1	50.8
8		21.9	35.8	39.7	43.7	25.2	42.2	46.8	51.5	25.2	42.2	46.8	51.5
9		27.7	45.3	50.2	55.3	31.9	53.5	59.2	65.2	31.9	53.5	59.2	65.2
9.5	3/8	30.9	50.5	55.9	61.6	35.6	59.6	66.0	72.7	35.6	59.6	66.0	72.7
10		34.2	56.0	62.0	68.3	39.4	66.0	73.1	80.5	39.4	66.0	73.1	80.5
11		41.4	67.7	75.0	82.6	47.7	79.9	88.4	97.5	47.7	79.9	88.4	97.5
11.1	7/16	42.1	69.0	76.4	84.2	48.5	81.3	90.0	99.2	48.5	81.3	90.0	99.2
12		49.2	80.6	89.2	98.4	56.7	95.0	105	116	56.7	95.0	105	116
12.7	1/2	55.2	90.3	100	110	63.5	106	118	130	63.5	106	118	130
13		57.8	94.6	105	115	66.6	112	124	136	66.6	112	124	136
14		67.0	110	121	134	77.2	129	143	158	77.2	129	143	158
14.3	9/16	69.9	114	127	140	80.6	135	149	165	80.6	135	149	165
15.9	5/8	86.5	141	157	173	99.6	167	185	204	99.6	167	185	204
16		87.6	143	159	175	101	169	187	206	101	169	187	206
18		111	181	201	221	128	214	237	261	128	214	237	261
19		123	202	224	247	142	238	264	291	142	238	264	291
19.1	3/4	125	204	226	249	144	241	267	294	144	241	267	294
20		137	224	248	273	158	264	292	322	158	264	292	322
22		166	271	300	331	191	319	354	390	191	319	354	390
22.2	7/8	169	276	305	337	194	325	360	397	194	325	360	397
24		197	322	357	393	227	380	421	464	227	380	421	464
25.4	1	221	361	400	441	254	426	471	520	254	426	471	520
26		231	378	419	462	266	446	494	544	266	446	494	544
28		268	439	486	535	309	517	573	631	309	517	573	631
28.6	1 1/8	280	458	507	559	322	540	598	659	322	540	598	659
31.8	1 1/4	346	566	627	691	398	667	739	814	398	667	739	814
32		350	573	635	699	403	676	748	825	403	676	748	825
34.9	1 3/8	417	682	755	832	480	804	890	981	480	804	890	981
35		419	686	759	837	483	808	895	987	483	808	895	987
36		443	725	803	885	511	855	947	1044	511	855	947	1044
38		494	808	895	986	569	953	1055	1163	569	953	1055	1163
38.1	1 1/2	496	812	900	991	572	958	1061	1169	572	958	1061	1169
40		547	896	992	1093	630	1056	1169	1289	630	1056	1169	1289
41.3	1 5/8	583	955	1057	1165	672	1126	1247	1374	672	1126	1247	1374
44		662	1084	1200	1322	763	1278	1415	1559	763	1278	1415	1559
44.5	1 3/4	677	1108	1227	1353	780	1307	1447	1595	780	1307	1447	1595
45		693	1133	1255	1383	798	1336	1480	1631	798	1336	1480	1631
47.6	1 7/8	775	1268	1404	1548	893	1495	1656	1825	893	1495	1656	1825
48		788	1290	1428	1574	908	1521	1684	1856	908	1521	1684	1856
50.8	2	883	1444	1599	1763	1017	1703	1886	2078	1017	1703	1886	2078
51		890	1456	1612	1777	1025	1717	1901	2095	1025	1717	1901	2095
52		925	1513	1676	1847	1065	1785	1976	2178	1065	1785	1976	2178
54	2 1/8	997	1632	1807	1992	1149	1924	2131	2348	1149	1924	2131	2348
56		1073	1755	1944	2142	1236	2070	2292	2526	1236	2070	2292	2526
57.2	2 1/4	1119	1831	2028	2235	1289	2159	2391	2635	1289	2159	2391	2635
60		1231	2015	2231	2459	1418	2376	2631	2899	1418	2376	2631	2899
60.3	2 3/8	1244	2035	2254	2483	1433	2400	2657	2928	1433	2400	2657	2928
62		1315	2151	2382	2626	1515	2537	2809	3096	1515	2537	2809	3096
63.5	2 1/2	1379	2257	2499	2754	1589	2661	2947	3247	1589	2661	2947	3247
64		1401	2292	2539	2798	1614	2703	2993	3299	1614	2703	2993	3299

# 6x37M



FC



WSC

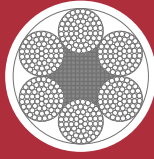


IWRC

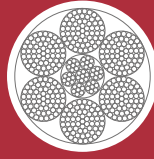


Nominal rope		Nominal tensile strength (MPa)											
		Minimum breaking load (kN)											
		FC				WSC (≤7mmWSC)				IWRC (>7mmIWRC)			
Size		kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
mm	in.												
3		3.15	4.84	5.36	5.91	3.51	5.68	6.29	6.93	3.51	5.68	6.29	6.93
4		5.59	8.61	9.5	10.5	6.24	10.1	11.2	12.3	6.24	10.1	11.2	12.3
5		8.74	13.4	14.9	16.4	9.75	15.8	17.5	19.2	9.75	15.8	17.5	19.2
6		12.6	19.4	21.4	23.6	14.0	22.7	25.1	27.7	14.0	22.7	25.1	27.7
6.35	1/4	14.1	21.7	24.0	26.5	15.7	25.4	28.2	31.0	15.7	25.4	28.2	31.0
7		17.1	26.4	29.2	32.2	19.1	30.9	34.2	37.7	19.1	30.9	34.2	37.7
7.94	5/16	22.0	33.9	37.5	41.4	24.6	39.8	44.0	48.5	24.6	39.8	44.0	48.5
8		22.4	34.4	38.1	42.0	25.0	40.4	44.7	49.3	25.0	40.4	44.7	49.3
9		28.3	43.6	48.2	53.2	31.6	51.1	56.6	62.4	31.6	51.1	56.6	62.4
9.5	3/8	31.5	48.5	53.7	59.2	35.2	56.9	63.0	69.5	35.2	56.9	63.0	69.5
10		34.9	53.8	59.6	65.6	39.0	63.1	69.9	77.0	39.0	63.1	69.9	77.0
11		42.3	65.1	72.1	79.4	47.2	76.3	84.5	93.1	47.2	76.3	84.5	93.1
11.1	7/16	43.1	66.3	73.4	80.9	48.1	77.7	86.1	94.8	48.1	77.7	86.1	94.8
12		50.3	77.4	85.8	94.5	56.2	90.8	101	111	56.2	90.8	101	111
12.7	1/2	56.4	86.7	96.1	106	62.9	102	113	124	62.9	102	113	124
13		59.1	90.9	101	111	65.9	107	118	130	65.9	107	118	130
14		68.5	105	117	129	76.4	124	137	151	76.4	124	137	151
14.3	9/16	71.5	110	122	134	79.8	129	143	157	79.8	129	143	157
15.9	5/8	88.3	136	151	166	98.6	159	177	195	98.6	159	177	195
16		89.5	138	152	168	99.8	161	179	197	99.8	161	179	197
18		113	174	193	213	126	204	226	249	126	204	226	249
19		126	194	215	237	141	228	252	278	141	228	252	278
19.1	3/4	127	196	217	239	142	230	255	281	142	230	255	281
20		140	215	238	263	156	252	279	308	156	252	279	308
22		169	260	288	318	189	305	338	373	189	305	338	373
22.2	7/8	172	265	294	323	192	311	344	379	192	311	344	379
24		201	310	343	378	225	363	402	443	225	363	402	443
25.4	1	225	347	384	423	252	407	451	497	252	407	451	497
26		236	364	403	444	264	426	472	520	264	426	472	520
28		274	422	467	515	306	495	548	604	306	495	548	604
28.6	1 1/8	286	440	487	537	319	516	571	630	319	516	571	630
31.8	1 1/4	353	544	602	664	394	638	706	778	394	638	706	778
32		358	551	610	672	399	646	715	788	399	646	715	788
34.9	1 3/8	426	655	725	799	475	768	851	938	475	768	851	938
35		428	659	730	804	478	773	856	943	478	773	856	943
36		453	697	772	851	505	818	905	998	505	818	905	998
38		505	777	860	948	563	911	1009	1112	563	911	1009	1112
38.1	1 1/2	507	781	865	953	566	916	1014	1117	566	916	1014	1117
40		559	861	953	1050	624	1009	1118	1232	624	1009	1118	1232
41.3	1 5/8	596	917	1016	1119	665	1076	1191	1313	665	1076	1191	1313
44		677	1041	1153	1271	755	1221	1352	1490	755	1221	1352	1490
44.5	1 3/4	692	1065	1179	1300	772	1249	1383	1524	772	1249	1383	1524
45		708	1089	1206	1329	790	1277	1414	1559	790	1277	1414	1559
47.6	1 7/8	792	1219	1349	1487	884	1429	1583	1744	884	1429	1583	1744
48		805	1239	1372	1512	899	1453	1609	1774	899	1453	1609	1774
50.8	2	902	1388	1537	1694	1006	1628	1803	1987	1006	1628	1803	1987
51		909	1399	1549	1707	1014	1641	1817	2002	1014	1641	1817	2002
52		945	1454	1610	1775	1055	1706	1889	2081	1055	1706	1889	2081
54	2 1/8	1019	1568	1737	1914	1137	1839	2037	2245	1137	1839	2037	2245
56		1096	1687	1868	2058	1223	1978	2191	2414	1223	1978	2191	2414
57.2	2 1/4	1143	1760	1949	2147	1276	2064	2285	2519	1276	2064	2285	2519
60		1258	1936	2144	2363	1404	2271	2515	2771	1404	2271	2515	2771
60.3	2 3/8	1271	1956	2165	2386	1418	2294	2540	2799	1418	2294	2540	2799
62		1343	2067	2289	2523	1499	2425	2685	2959	1499	2425	2685	2959
63.5	2 1/2	1409	2169	2401	2646	1573	2544	2817	3104	1573	2544	2817	3104
64		1431	2203	2439	2688	1597	2584	2861	3153	1597	2584	2861	3153

# 6x61M



FC

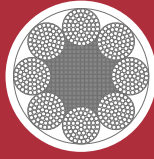


IWRC



Nominal rope		Nominal tensile strength (MPa)					
		Minimum breaking load (kN)					
Size		FC			IWRC		
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>
18		118	167	185	129	181	200
19		132	186	206	144	201	223
19.1	3/4	133	188	208	145	204	225
20		146	206	229	159	223	247
22		176	250	277	193	270	299
22.2	7/8	180	254	282	196	275	304
24		210	297	329	229	321	356
25.4	1	235	333	369	257	360	399
26		246	349	386	269	377	418
28		286	404	448	312	437	484
28.6	1 1/8	298	422	467	326	456	505
31.8	1 1/4	369	522	578	402	564	625
32		373	528	585	408	571	633
34.9	1 3/8	444	628	696	485	679	752
35		447	632	700	488	683	757
36		473	669	740	516	723	801
38		526	745	825	575	806	892
38.1	1 1/2	529	749	829	578	810	897
40		583	825	914	637	893	988
41.3	1 5/8	622	880	974	679	952	1054
44		706	999	1106	771	1080	1196
44.5	1 3/4	722	1022	1131	788	1105	1223
45		738	1045	1157	806	1130	1251
47.6	1 7/8	826	1169	1294	902	1264	1400
48		840	1189	1316	917	1285	1423
50.8	2	941	1331	1474	1027	1440	1594
51		948	1342	1486	1035	1451	1607
52		986	1395	1545	1076	1508	1670
54	2 1/8	1063	1504	1666	1161	1627	1801
56		1143	1618	1792	1248	1749	1937
57.2	2 1/4	1193	1688	1869	1302	1825	2021
60		1313	1857	2057	1433	2008	2224
60.3	2 3/8	1326	1876	2077	1447	2028	2246
62		1402	1983	2196	1530	2144	2375
63.5	2 1/2	1470	2080	2304	1605	2249	2491
64		1493	2113	2340	1630	2285	2530
68		1686	2386	2642	1840	2580	2856
72		1890	2675	2962	2063	2892	3202
76		2106	2980	3300	2299	3222	3568
80		2334	3302	3656	2547	3570	3954
84		2573	3640	4031	2808	3936	4359
88		2824	3995	4424	3082	4320	4784
92		3086	4367	4836	3369	4722	5229
96		3360	4755	5265	3668	5141	5693
100		3646	5159	5713	3980	5579	6178
104		3944	5580	6179	4305	6034	6682
108		4253	6018	6664	4642	6507	7205
112		4574	6472	7167	4993	6998	7749
116		4906	6942	7688	5355	7507	8312
120		5250	7429	8227	5731	8033	8896
124		5606	7933	8785	6120	8578	9499

# 8x61M



FC



IWRC

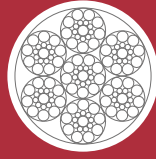


Nominal rope		Nominal tensile strength (MPa)					
		Minimum breaking load (kN)					
Size		FC			IWRC		
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>
60		1294	1647	1824	1494	1949	2159
60.3	2 3/8	1307	1664	1842	1509	1969	2180
62		1382	1759	1948	1595	2081	2305
63.5	2 1/2	1450	1845	2043	1673	2183	2418
64		1473	1874	2076	1700	2218	2456
68		1663	2116	2343	1919	2504	2772
72		1864	2372	2627	2151	2807	3108
76		2077	2643	2927	2397	3127	3463
80		2301	2929	3243	2656	3465	3837
84		2537	3229	3575	2928	3821	4231
88		2784	3544	3924	3214	4193	4643
92		3043	3873	4289	3513	4583	5075
96		3314	4217	4670	3825	4990	5526
100		3596	4576	5067	4150	5415	5996
104		3889	4949	5481	4489	5856	6485
108		4194	5337	5910	4841	6316	6994
112		4510	5740	6356	5206	6792	7521
116		4838	6157	6818	5584	7286	8068
120		5178	6589	7297	5976	7797	8634
124		5529	7036	7791	6381	8325	9219
130		6077	7733	8564	7014	9151	10133

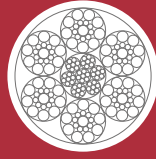
# 6x19S



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		3.45	5.4	6.0	6.6	3.80	5.84	6.47	7.13	3.80	5.84	6.47	7.13
4		6.14	9.63	10.7	11.7	6.75	10.4	11.5	12.7	6.75	10.4	11.5	12.7
5		9.60	15.0	16.7	18.4	10.6	16.2	18.0	19.8	10.6	16.2	18.0	19.8
6		13.8	21.7	24.0	26.4	15.2	23.4	25.9	28.5	15.2	23.4	25.9	28.5
6.35	1/4	15.5	24.3	26.9	29.6	17.0	26.2	29.0	31.9	17.0	26.2	29.0	31.9
7		18.8	29.5	32.6	36.0	20.7	31.8	35.2	38.8	20.7	31.8	35.2	38.8
7.94	5/16	24.2	37.9	42.0	46.3	26.6	40.9	45.3	49.9	26.6	40.9	45.3	49.9
8		24.6	38.5	42.6	47.0	27.0	41.5	46.0	50.7	27.0	41.5	46.0	50.7
9		31.1	48.7	54.0	59.5	34.2	52.6	58.2	64.2	34.2	52.6	58.2	64.2
9.5	3/8	34.6	54.3	60.1	66.3	38.1	58.6	64.9	71.5	38.1	58.6	64.9	71.5
10		38.4	60.2	66.6	73.4	42.2	64.9	71.9	79.2	42.2	64.9	71.9	79.2
11		46.4	72.8	80.6	88.8	51.1	78.5	87.0	95.8	51.1	78.5	87.0	95.8
11.1	7/16	47.3	74.1	82.1	90.5	52.0	80.0	88.6	97.6	52.0	80.0	88.6	97.6
12		55.3	86.6	95.9	106	60.8	93.5	103	114	60.8	93.5	103	114
12.7	1/2	61.9	97.0	107	118	68.1	105	116	128	68.1	105	116	128
13		64.9	102	113	124	71.3	110	121	134	71.3	110	121	134
14		75.2	118	131	144	82.7	127	141	155	82.7	127	141	155
14.3	9/16	78.5	123	136	150	86.3	133	147	162	86.3	133	147	162
15.9	5/8	97.0	152	168	186	107	164	182	200	107	164	182	200
16		98.3	154	171	188	108	166	184	203	108	166	184	203
18		124	195	216	238	137	210	233	257	137	210	233	257
19		139	217	240	265	152	234	259	286	152	234	259	286
19.1	3/4	140	219	243	268	154	237	262	289	154	237	262	289
20		154	241	266	294	169	260	287	317	169	260	287	317
22		186	291	322	355	204	314	348	383	204	314	348	383
22.2	7/8	189	297	328	362	208	320	354	390	208	320	354	390
24		221	347	384	423	243	374	414	456	243	374	414	456
25.4	1	248	388	430	474	272	419	464	511	272	419	464	511
26		259	407	450	496	285	439	486	535	285	439	486	535
28		301	472	522	576	331	509	563	621	331	509	563	621
28.6	1 1/8	314	492	545	601	345	531	588	648	345	531	588	648
31.8	1 1/4	388	608	674	742	427	656	727	801	427	656	727	801
32		393	616	682	752	432	665	736	811	432	665	736	811
34.9	1 3/8	467	733	811	894	514	791	875	965	514	791	875	965
35		470	737	816	899	517	795	880	970	517	795	880	970
36		497	780	863	952	547	841	931	1026	547	841	931	1026
38		554	869	962	1060	610	937	1038	1144	610	937	1038	1144
38.1	1 1/2	557	873	967	1066	613	942	1043	1150	613	942	1043	1150
40		614	963	1066	1175	675	1038	1150	1267	675	1038	1150	1267
41.3	1 5/8	655	1026	1136	1252	720	1107	1226	1351	720	1107	1226	1351
44		743	1165	1290	1421	817	1257	1391	1533	817	1257	1391	1533
44.5	1 3/4	760	1191	1319	1454	836	1285	1423	1568	836	1285	1423	1568
45		777	1218	1349	1487	855	1314	1455	1604	855	1314	1455	1604
47.6	1 7/8	870	1363	1509	1663	957	1471	1628	1795	957	1471	1628	1795
48		884	1386	1535	1692	973	1495	1656	1825	973	1495	1656	1825
50.8	2	990	1553	1719	1895	1089	1675	1855	2044	1089	1675	1855	2044
51		998	1565	1733	1910	1098	1688	1869	2060	1098	1688	1869	2060
52		1038	1627	1801	1985	1142	1755	1943	2142	1142	1755	1943	2142
54	2 1/8	1119	1754	1943	2141	1231	1893	2096	2310	1231	1893	2096	2310
56		1204	1887	2089	2302	1324	2035	2254	2484	1324	2035	2254	2484
57.2	2 1/4	1256	1968	2180	2402	1381	2124	2351	2591	1381	2124	2351	2591
60		1382	2166	2398	2643	1520	2336	2587	2851	1520	2336	2587	2851
60.3	2 3/8	1396	2188	2422	2670	1535	2360	2613	2880	1535	2360	2613	2880
62		1475	2313	2561	2822	1623	2495	2763	3045	1623	2495	2763	3045
63.5	2 1/2	1548	2426	2686	2960	1702	2617	2898	3194	1702	2617	2898	3194
64		1572	2464	2729	3007	1729	2658	2944	3244	1729	2658	2944	3244

# 6x19W



FC



WSC



IWRC

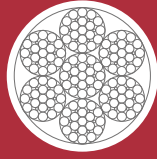


Nominal rope		Nominal tensile strength (MPa)											
		Minimum breaking load (kN)											
		FC				WSC (≤10mmWSC)				IWRC (>10mmIWRC)			
Size		FC				WSC (≤10mmWSC)				IWRC (>10mmIWRC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	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		3.14	5.4	6.0	6.6	3.80	5.8	6.47	7.13	3.80	5.8	6.47	7.13
4		5.58	9.6	11	12	6.75	10.4	11.5	12.7	6.75	10.4	11.5	12.7
5		8.73	15.0	16.7	18.4	10.6	16.2	18.0	19.8	10.6	16.2	18.0	19.8
6		12.6	21.7	24.0	26.4	15.2	23.4	25.9	28.5	15.2	23.4	25.9	28.5
6.35	1/4	14.1	24.3	26.9	29.6	17.0	26.2	29.0	31.9	17.0	26.2	29.0	31.9
7		17.1	29.5	32.6	36.0	20.7	31.8	35.2	38.8	20.7	31.8	35.2	38.8
7.94	5/16	22.0	37.9	42.0	46.3	26.6	40.9	45.3	49.9	26.6	40.9	45.3	49.9
8		22.3	38.5	42.6	47.0	27.0	41.5	46.0	50.7	27.0	41.5	46.0	50.7
9		28.3	48.7	54.0	59.5	34.2	52.6	58.2	64.2	34.2	52.6	58.2	64.2
9.5	3/8	31.5	54.3	60.1	66.3	38.1	58.6	64.9	71.5	38.1	58.6	64.9	71.5
10		34.9	60.2	66.6	73.4	42.2	64.9	71.9	79.2	42.2	64.9	71.9	79.2
11		42.2	72.8	80.6	88.8	51.1	78.5	87.0	95.8	51.1	78.5	87.0	95.8
11.1	7/16	43.0	74.1	82.1	90.5	52.0	80.0	88.6	97.6	52.0	80.0	88.6	97.6
12		50.3	86.6	95.9	106	60.8	93.5	103	114	60.8	93.5	103	114
12.7	1/2	56.3	97.0	107	118	68.1	105	116	128	68.1	105	116	128
13		59.0	102	113	124	71.3	110	121	134	71.3	110	121	134
14		68.4	118	131	144	82.7	127	141	155	82.7	127	141	155
14.3	9/16	71.4	123	136	150	86.3	133	147	162	86.3	133	147	162
15.9	5/8	88.2	152	168	186	107	164	182	200	107	164	182	200
16		89.3	154	171	188	108	166	184	203	108	166	184	203
18		113	195	216	238	137	210	233	257	137	210	233	257
19		126	217	240	265	152	234	259	286	152	234	259	286
19.1	3/4	127	219	243	268	154	237	262	289	154	237	262	289
20		140	241	266	294	169	260	287	317	169	260	287	317
22		169	291	322	355	204	314	348	383	204	314	348	383
22.2	7/8	172	297	328	362	208	320	354	390	208	320	354	390
24		201	347	384	423	243	374	414	456	243	374	414	456
25.4	1	225	388	430	474	272	419	464	511	272	419	464	511
26		236	407	450	496	285	439	486	535	285	439	486	535
28		274	472	522	576	331	509	563	621	331	509	563	621
28.6	1 1/8	285	492	545	601	345	531	588	648	345	531	588	648
31.8	1 1/4	353	608	674	742	427	656	727	801	427	656	727	801
32		357	616	682	752	432	665	736	811	432	665	736	811
34.9	1 3/8	425	733	811	894	514	791	875	965	514	791	875	965
35		428	737	816	899	517	795	880	970	517	795	880	970
36		452	780	863	952	547	841	931	1026	547	841	931	1026
38		504	869	962	1060	610	937	1038	1144	610	937	1038	1144
38.1	1 1/2	507	873	967	1066	613	942	1043	1150	613	942	1043	1150
40		558	963	1066	1175	675	1038	1150	1267	675	1038	1150	1267
41.3	1 5/8	595	1026	1136	1252	720	1107	1226	1351	720	1107	1226	1351
44		676	1165	1290	1421	817	1257	1391	1533	817	1257	1391	1533
44.5	1 3/4	691	1191	1319	1454	836	1285	1423	1568	836	1285	1423	1568
45		707	1218	1349	1487	855	1314	1455	1604	855	1314	1455	1604
47.6	1 7/8	791	1363	1509	1663	957	1471	1628	1795	957	1471	1628	1795
48		804	1386	1535	1692	973	1495	1656	1825	973	1495	1656	1825
50.8	2	901	1553	1719	1895	1089	1675	1855	2044	1089	1675	1855	2044
51		908	1565	1733	1910	1098	1688	1869	2060	1098	1688	1869	2060
52		944	1627	1801	1985	1142	1755	1943	2142	1142	1755	1943	2142
54	2 1/8	1018	1754	1943	2141	1231	1893	2096	2310	1231	1893	2096	2310
56		1094	1887	2089	2302	1324	2035	2254	2484	1324	2035	2254	2484
57.2	2 1/4	1142	1968	2180	2402	1381	2124	2351	2591	1381	2124	2351	2591
60		1256	2166	2398	2643	1520	2336	2587	2851	1520	2336	2587	2851
60.3	2 3/8	1269	2188	2422	2670	1535	2360	2613	2880	1535	2360	2613	2880
62		1342	2313	2561	2822	1623	2495	2763	3045	1623	2495	2763	3045
63.5	2 1/2	1407	2426	2686	2960	1702	2617	2898	3194	1702	2617	2898	3194
64		1430	2464	2729	3007	1729	2658	2944	3244	1729	2658	2944	3244

# 6x25Fi



FC



WSC

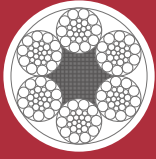


IWRC

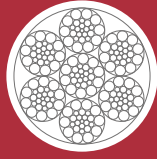


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤10mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.14	5.41	6.00	6.61	3.80	5.84	6.47	7.13
4		5.58	9.63	10.7	11.7	6.75	10.4	11.5	12.7
5		8.73	15.0	16.7	18.4	10.6	16.2	18.0	19.8
6		12.6	21.7	24.0	26.4	15.2	23.4	25.9	28.5
6.35	1/4	14.1	24.3	26.9	29.6	17.0	26.2	29.0	31.9
7		17.1	29.5	32.6	36.0	20.7	31.8	35.2	38.8
7.94	5/16	22.0	37.9	42.0	46.3	26.6	40.9	45.3	49.9
8		22.3	38.5	42.6	47.0	27.0	41.5	46.0	50.7
9		28.3	48.7	54.0	59.5	34.2	52.6	58.2	64.2
9.5	3/8	31.5	54.3	60.1	66.3	38.1	58.6	64.9	71.5
10		34.9	60.2	66.6	73.4	42.2	64.9	71.9	79.2
11		42.2	72.8	80.6	88.8	51.1	78.5	87.0	95.8
11.1	7/16	43.0	74.1	82.1	90.5	52.0	80.0	88.6	97.6
12		50.3	86.6	95.9	106	60.8	93.5	103	114
12.7	1/2	56.3	97.0	107	118	68.1	105	116	128
13		59.0	102	113	124	71.3	110	121	134
14		68.4	118	131	144	82.7	127	141	155
14.3	9/16	71.4	123	136	150	86.3	133	147	162
15.9	5/8	88.2	152	168	186	107	164	182	200
16		89.3	154	171	188	108	166	184	203
18		113	195	216	238	137	210	233	257
19		126	217	240	265	152	234	259	286
19.1	3/4	127	219	243	268	154	237	262	289
20		140	241	266	294	169	260	287	317
22		169	291	322	355	204	314	348	383
22.2	7/8	172	297	328	362	208	320	354	390
24		201	347	384	423	243	374	414	456
25.4	1	225	388	430	474	272	419	464	511
26		236	407	450	496	285	439	486	535
28		274	472	522	576	331	509	563	621
28.6	1 1/8	285	492	545	601	345	531	588	648
31.8	1 1/4	353	608	674	742	427	656	727	801
32		357	616	682	752	432	665	736	811
34.9	1 3/8	425	733	811	894	514	791	875	965
35		428	737	816	899	517	795	880	970
36		452	780	863	952	547	841	931	1026
38		504	869	962	1060	610	937	1038	1144
38.1	1 1/2	507	873	967	1066	613	942	1043	1150
40		558	963	1066	1175	675	1038	1150	1267
41.3	1 5/8	595	1026	1136	1252	720	1107	1226	1351
44		676	1165	1290	1421	817	1257	1391	1533
44.5	1 3/4	691	1191	1319	1454	836	1285	1423	1568
45		707	1218	1349	1487	855	1314	1455	1604
47.6	1 7/8	791	1363	1509	1663	957	1471	1628	1795
48		804	1386	1535	1692	973	1495	1656	1825
50.8	2	901	1553	1719	1895	1089	1675	1855	2044
51		908	1565	1733	1910	1098	1688	1869	2060
52		944	1627	1801	1985	1142	1755	1943	2142
54	2 1/8	1018	1754	1943	2141	1231	1893	2096	2310
56		1094	1887	2089	2302	1324	2035	2254	2484
57.2	2 1/4	1142	1968	2180	2402	1381	2124	2351	2591
60		1256	2166	2398	2643	1520	2336	2587	2851
60.3	2 3/8	1269	2188	2422	2670	1535	2360	2613	2880
62		1342	2313	2561	2822	1623	2495	2763	3045
63.5	2 1/2	1407	2426	2686	2960	1702	2617	2898	3194
64		1430	2464	2729	3007	1729	2658	2944	3244

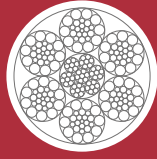
# 6x26WS



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		3.45	5.41	6.00	6.61	3.80	5.84	6.47	7.13
4		6.14	9.63	10.7	11.7	6.75	10.4	11.5	12.7
5		9.60	15.0	16.7	18.4	10.6	16.2	18.0	19.8
6		13.8	21.7	24.0	26.4	15.2	23.4	25.9	28.5
6.35	1/4	15.5	24.3	26.9	29.6	17.0	26.2	29.0	31.9
7		18.8	29.5	32.6	36.0	20.7	31.8	35.2	38.8
7.94	5/16	24.2	37.9	42.0	46.3	26.6	40.9	45.3	49.9
8		24.6	38.5	42.6	47.0	27.0	41.5	46.0	50.7
9		31.1	48.7	54.0	59.5	34.2	52.6	58.2	64.2
9.5	3/8	34.6	54.3	60.1	66.3	38.1	58.6	64.9	71.5
10		38.4	60.2	66.6	73.4	42.2	64.9	71.9	79.2
11		46.4	72.8	80.6	88.8	51.1	78.5	87.0	95.8
11.1	7/16	47.3	74.1	82.1	90.5	52.0	80.0	88.6	97.6
12		55.3	86.6	95.9	106	60.8	93.5	103	114
12.7	1/2	61.9	97.0	107	118	68.1	105	116	128
13		64.9	102	113	124	71.3	110	121	134
14		75.2	118	131	144	82.7	127	141	155
14.3	9/16	78.5	123	136	150	86.3	133	147	162
15.9	5/8	97.0	152	168	186	107	164	182	200
16		98.3	154	171	188	108	166	184	203
18		124	195	216	238	137	210	233	257
19		139	217	240	265	152	234	259	286
19.1	3/4	140	219	243	268	154	237	262	289
20		154	241	266	294	169	260	287	317
22		186	291	322	355	204	314	348	383
22.2	7/8	189	297	328	362	208	320	354	390
24		221	347	384	423	243	374	414	456
25.4	1	248	388	430	474	272	419	464	511
26		259	407	450	496	285	439	486	535
28		301	472	522	576	331	509	563	621
28.6	1 1/8	314	492	545	601	345	531	588	648
31.8	1 1/4	388	608	674	742	427	656	727	801
32		393	616	682	752	432	665	736	811
34.9	1 3/8	467	733	811	894	514	791	875	965
35		470	737	816	899	517	795	880	970
36		497	780	863	952	547	841	931	1026
38		554	869	962	1060	610	937	1038	1144
38.1	1 1/2	557	873	967	1066	613	942	1043	1150
40		614	963	1066	1175	675	1038	1150	1267
41.3	1 5/8	655	1026	1136	1252	720	1107	1226	1351
44		743	1165	1290	1421	817	1257	1391	1533
44.5	1 3/4	760	1191	1319	1454	836	1285	1423	1568
45		777	1218	1349	1487	855	1314	1455	1604
47.6	1 7/8	870	1363	1509	1663	957	1471	1628	1795
48		884	1386	1535	1692	973	1495	1656	1825
50.8	2	990	1553	1719	1895	1089	1675	1855	2044
51		998	1565	1733	1910	1098	1688	1869	2060
52		1038	1627	1801	1985	1142	1755	1943	2142
54	2 1/8	1119	1754	1943	2141	1231	1893	2096	2310
56		1204	1887	2089	2302	1324	2035	2254	2484
57.2	2 1/4	1256	1968	2180	2402	1381	2124	2351	2591
60		1382	2166	2398	2643	1520	2336	2587	2851
60.3	2 3/8	1396	2188	2422	2670	1535	2360	2613	2880
62		1475	2313	2561	2822	1623	2495	2763	3045
63.5	2 1/2	1548	2426	2686	2960	1702	2617	2898	3194
64		1572	2464	2729	3007	1729	2658	2944	3244

# 6x36WS



FC



WSC

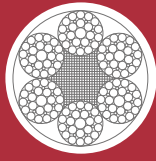


IWRC



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		3.45	5.41	6.00	6.61	3.82	5.84	6.47	7.13
4		6.14	9.6	10.7	11.7	6.78	10.4	11.5	12.7
5		9.60	15.0	16.7	18.4	10.6	16.2	18.0	19.8
6		13.8	21.7	24.0	26.4	15.3	23.4	25.9	28.5
6.35	1/4	15.5	24.3	26.9	29.6	17.1	26.2	29.0	31.9
7		18.8	29.5	32.6	36.0	20.8	31.8	35.2	38.8
7.94	5/16	24.2	37.9	42.0	46.3	26.7	40.9	45.3	49.9
8		24.6	38.5	42.6	47.0	27.1	41.5	46.0	50.7
9		31.1	48.7	54.0	59.5	34.3	52.6	58.2	64.2
9.5	3/8	34.6	54.3	60.1	66.3	38.3	58.6	64.9	71.5
10		38.4	60.2	66.6	73.4	42.4	64.9	71.9	79.2
11		46.4	72.8	80.6	88.8	51.3	78.5	87.0	95.8
11.1	7/16	47.3	74.1	82.1	90.5	52.2	80.0	88.6	97.6
12		55.3	86.6	95.9	106	61.1	93.5	103	114
12.7	1/2	61.9	97.0	107	118	68.4	105	116	128
13		64.9	102	113	124	71.7	110	121	134
14		75.2	118	131	144	83.1	127	141	155
14.3	9/16	78.5	123	136	150	86.7	133	147	162
15.9	5/8	97.0	152	168	186	107	164	182	200
16		98.3	154	171	188	109	166	184	203
18		124	195	216	238	137	210	233	257
19		139	217	240	265	153	234	259	286
19.1	3/4	140	219	243	268	155	237	262	289
20		154	241	266	294	170	260	287	317
22		186	291	322	355	205	314	348	383
22.2	7/8	189	297	328	362	209	320	354	390
24		221	347	384	423	244	374	414	456
25.4	1	248	388	430	474	274	419	464	511
26		259	407	450	496	287	439	486	535
28		301	472	522	576	332	509	563	621
28.6	1 1/8	314	492	545	601	347	531	588	648
31.8	1 1/4	388	608	674	742	429	656	727	801
32		393	616	682	752	434	665	736	811
34.9	1 3/8	467	733	811	894	516	791	875	965
35		470	737	816	899	519	795	880	970
36		497	780	863	952	550	841	931	1026
38		554	869	962	1060	612	937	1038	1144
38.1	1 1/2	557	873	967	1066	615	942	1043	1150
40		614	963	1066	1175	678	1038	1150	1267
41.3	1 5/8	655	1026	1136	1252	723	1107	1226	1351
44		743	1165	1290	1421	821	1257	1391	1533
44.5	1 3/4	760	1191	1319	1454	840	1285	1423	1568
45		777	1218	1349	1487	859	1314	1455	1604
47.6	1 7/8	870	1363	1509	1663	961	1471	1628	1795
48		884	1386	1535	1692	977	1495	1656	1825
50.8	2	990	1553	1719	1895	1094	1675	1855	2044
51		998	1565	1733	1910	1103	1688	1869	2060
52		1038	1627	1801	1985	1146	1755	1943	2142
54	2 1/8	1119	1754	1943	2141	1236	1893	2096	2310
56		1204	1887	2089	2302	1330	2035	2254	2484
57.2	2 1/4	1256	1968	2180	2402	1387	2124	2351	2591
60		1382	2166	2398	2643	1526	2336	2587	2851
60.3	2 3/8	1396	2188	2422	2670	1542	2360	2613	2880
62		1475	2313	2561	2822	1630	2495	2763	3045
63.5	2 1/2	1548	2426	2686	2960	1710	2617	2898	3194
64		1572	2464	2729	3007	1737	2658	2944	3244
68		1775	2782	3081	3395	1961	3001	3323	3662
72		1990	3119	3454	3806	2198	3365	3726	4106
76		2217	3475	3848	4241	2449	3749	4151	4575
80		2456	3850	4264	4699	2714	4154	4600	5069

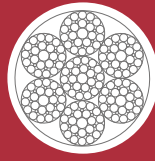
# 6x29Fi



FC



WSC

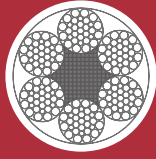


IWRC



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		3.45	5.41	6.00	6.61	3.79	5.84	6.47	7.13
4		6.14	9.6	10.7	11.7	6.74	10.4	11.5	12.7
5		9.60	15.0	16.7	18.4	10.5	16.2	18.0	19.8
6		13.8	21.7	24.0	26.4	15.2	23.4	25.9	28.5
6.35	1/4	15.5	24.3	26.9	29.6	17.0	26.2	29.0	31.9
7		18.8	29.5	32.6	36.0	20.6	31.8	35.2	38.8
7.94	5/16	24.2	37.9	42.0	46.3	26.5	40.9	45.3	49.9
8		24.6	38.5	42.6	47.0	26.9	41.5	46.0	50.7
9		31.1	48.7	54.0	59.5	34.1	52.6	58.2	64.2
9.5	3/8	34.6	54.3	60.1	66.3	38.0	58.6	64.9	71.5
10		38.4	60.2	66.6	73.4	42.1	64.9	71.9	79.2
11		46.4	72.8	80.6	88.8	50.9	78.5	87.0	95.8
11.1	7/16	47.3	74.1	82.1	90.5	51.9	80.0	88.6	97.6
12		55.3	86.6	95.9	106	60.6	93.5	103	114
12.7	1/2	61.9	97.0	107	118	67.9	105	116	128
13		64.9	102	113	124	71.1	110	121	134
14		75.2	118	131	144	82.5	127	141	155
14.3	9/16	78.5	123	136	150	86.1	133	147	162
15.9	5/8	97.0	152	168	186	106	164	182	200
16		98.3	154	171	188	108	166	184	203
18		124	195	216	238	136	210	233	257
19		139	217	240	265	152	234	259	286
19.1	3/4	140	219	243	268	154	237	262	289
20		154	241	266	294	168	260	287	317
22		186	291	322	355	204	314	348	383
22.2	7/8	189	297	328	362	207	320	354	390
24		221	347	384	423	242	374	414	456
25.4	1	248	388	430	474	272	419	464	511
26		259	407	450	496	285	439	486	535
28		301	472	522	576	330	509	563	621
28.6	1 1/8	314	492	545	601	344	531	588	648
31.8	1 1/4	388	608	674	742	426	656	727	801
32		393	616	682	752	431	665	736	811
34.9	1 3/8	467	733	811	894	513	791	875	965
35		470	737	816	899	516	795	880	970
36		497	780	863	952	546	841	931	1026
38		554	869	962	1060	608	937	1038	1144
38.1	1 1/2	557	873	967	1066	611	942	1043	1150
40		614	963	1066	1175	674	1038	1150	1267
41.3	1 5/8	655	1026	1136	1252	718	1107	1226	1351
44		743	1165	1290	1421	815	1257	1391	1533
44.5	1 3/4	760	1191	1319	1454	834	1285	1423	1568
45		777	1218	1349	1487	853	1314	1455	1604
47.6	1 7/8	870	1363	1509	1663	954	1471	1628	1795
48		884	1386	1535	1692	970	1495	1656	1825
50.8	2	990	1553	1719	1895	1086	1675	1855	2044
51		998	1565	1733	1910	1095	1688	1869	2060
52		1038	1627	1801	1985	1138	1755	1943	2142
54	2 1/8	1119	1754	1943	2141	1228	1893	2096	2310
56		1204	1887	2089	2302	1320	2035	2254	2484
57.2	2 1/4	1256	1968	2180	2402	1377	2124	2351	2591
60		1382	2166	2398	2643	1516	2336	2587	2851
60.3	2 3/8	1396	2188	2422	2670	1531	2360	2613	2880
62		1475	2313	2561	2822	1618	2495	2763	3045
63.5	2 1/2	1548	2426	2686	2960	1698	2617	2898	3194
64		1572	2464	2729	3007	1724	2658	2944	3244
68		1775	2782	3081	3395	1961	3001	3323	3662
72		1990	3119	3454	3806	2198	3365	3726	4106
76		2217	3475	3848	4241	2449	3749	4151	4575
80		2456	3850	4264	4699	2714	4154	4600	5069

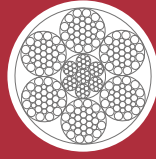
# 6x31WS



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		3.45	5.41	6.00	6.61	3.82	5.84	6.47	7.13
4		6.14	9.6	10.7	11.7	6.78	10.4	11.5	12.7
5		9.60	15.0	16.7	18.4	10.6	16.2	18.0	19.8
6		13.8	21.7	24.0	26.4	15.3	23.4	25.9	28.5
6.35	1/4	15.5	24.3	26.9	29.6	17.1	26.2	29.0	31.9
7		18.8	29.5	32.6	36.0	20.8	31.8	35.2	38.8
7.94	5/16	24.2	37.9	42.0	46.3	26.7	40.9	45.3	49.9
8		24.6	38.5	42.6	47.0	27.1	41.5	46.0	50.7
9		31.1	48.7	54.0	59.5	34.3	52.6	58.2	64.2
9.5	3/8	34.6	54.3	60.1	66.3	38.3	58.6	64.9	71.5
10		38.4	60.2	66.6	73.4	42.4	64.9	71.9	79.2
11		46.4	72.8	80.6	88.8	51.3	78.5	87.0	95.8
11.1	7/16	47.3	74.1	82.1	90.5	52.2	80.0	88.6	97.6
12		55.3	86.6	95.9	106	61.1	93.5	103	114
12.7	1/2	61.9	97.0	107	118	68.4	105	116	128
13		64.9	102	113	124	71.7	110	121	134
14		75.2	118	131	144	83.1	127	141	155
14.3	9/16	78.5	123	136	150	86.7	133	147	162
15.9	5/8	97.0	152	168	186	107	164	182	200
16		98.3	154	171	188	109	166	184	203
18		124	195	216	238	137	210	233	257
19		139	217	240	265	153	234	259	286
19.1	3/4	140	219	243	268	155	237	262	289
20		154	241	266	294	170	260	287	317
22		186	291	322	355	205	314	348	383
22.2	7/8	189	297	328	362	209	320	354	390
24		221	347	384	423	244	374	414	456
25.4	1	248	388	430	474	274	419	464	511
26		259	407	450	496	287	439	486	535
28		301	472	522	576	332	509	563	621
28.6	1 1/8	314	492	545	601	347	531	588	648
31.8	1 1/4	388	608	674	742	429	656	727	801
32		393	616	682	752	434	665	736	811
34.9	1 3/8	467	733	811	894	516	791	875	965
35		470	737	816	899	519	795	880	970
36		497	780	863	952	550	841	931	1026
38		554	869	962	1060	612	937	1038	1144
38.1	1 1/2	557	873	967	1066	615	942	1043	1150
40		614	963	1066	1175	678	1038	1150	1267
41.3	1 5/8	655	1026	1136	1252	723	1107	1226	1351
44		743	1165	1290	1421	821	1257	1391	1533
44.5	1 3/4	760	1191	1319	1454	840	1285	1423	1568
45		777	1218	1349	1487	859	1314	1455	1604
47.6	1 7/8	870	1363	1509	1663	961	1471	1628	1795
48		884	1386	1535	1692	977	1495	1656	1825
50.8	2	990	1553	1719	1895	1094	1675	1855	2044
51		998	1565	1733	1910	1103	1688	1869	2060
52		1038	1627	1801	1985	1146	1755	1943	2142
54	2 1/8	1119	1754	1943	2141	1236	1893	2096	2310
56		1204	1887	2089	2302	1330	2035	2254	2484
57.2	2 1/4	1256	1968	2180	2402	1387	2124	2351	2591
60		1382	2166	2398	2643	1526	2336	2587	2851
60.3	2 3/8	1396	2188	2422	2670	1542	2360	2613	2880
62		1475	2313	2561	2822	1630	2495	2763	3045
63.5	2 1/2	1548	2426	2686	2960	1710	2617	2898	3194
64		1572	2464	2729	3007	1737	2658	2944	3244
68		1775	2782	3081	3395	1961	3001	3323	3662
72		1990	3119	3454	3806	2198	3365	3726	4106
76		2217	3475	3848	4241	2449	3749	4151	4575
80		2456	3850	4264	4699	2714	4154	4600	5069

# 6x41WS



FC



WSC

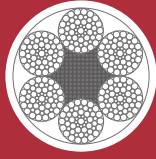


IWRC



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		3.45	5.41	6.00	6.61	3.80	5.84	6.47	7.13
4		6.14	9.6	10.7	11.7	6.75	10.4	11.5	12.7
5		9.60	15.0	16.7	18.4	10.6	16.2	18.0	19.8
6		13.8	21.7	24.0	26.4	15.2	23.4	25.9	28.5
6.35	1/4	15.5	24.3	26.9	29.6	17.0	26.2	29.0	31.9
7		18.8	29.5	32.6	36.0	20.7	31.8	35.2	38.8
7.94	5/16	24.2	37.9	42.0	46.3	26.6	40.9	45.3	49.9
8		24.6	38.5	42.6	47.0	27.0	41.5	46.0	50.7
9		31.1	48.7	54.0	59.5	34.2	52.6	58.2	64.2
9.5	3/8	34.6	54.3	60.1	66.3	38.1	58.6	64.9	71.5
10		38.4	60.2	66.6	73.4	42.2	64.9	71.9	79.2
11		46.4	72.8	80.6	88.8	51.1	78.5	87.0	95.8
11.1	7/16	47.3	74.1	82.1	90.5	52.0	80.0	88.6	97.6
12		55.3	86.6	95.9	106	60.8	93.5	103	114
12.7	1/2	61.9	97.0	107	118	68.1	105	116	128
13		64.9	102	113	124	71.3	110	121	134
14		75.2	118	131	144	82.7	127	141	155
14.3	9/16	78.5	123	136	150	86.3	133	147	162
15.9	5/8	97.0	152	168	186	107	164	182	200
16		98.3	154	171	188	108	166	184	203
18		124	195	216	238	137	210	233	257
19		139	217	240	265	152	234	259	286
19.1	3/4	140	219	243	268	154	237	262	289
20		154	241	266	294	169	260	287	317
22		186	291	322	355	204	314	348	383
22.2	7/8	189	297	328	362	208	320	354	390
24		221	347	384	423	243	374	414	456
25.4	1	248	388	430	474	272	419	464	511
26		259	407	450	496	285	439	486	535
28		301	472	522	576	331	509	563	621
28.6	1 1/8	314	492	545	601	345	531	588	648
31.8	1 1/4	388	608	674	742	427	656	727	801
32		393	616	682	752	432	665	736	811
34.9	1 3/8	467	733	811	894	514	791	875	965
35		470	737	816	899	517	795	880	970
36		497	780	863	952	547	841	931	1026
38		554	869	962	1060	610	937	1038	1144
38.1	1 1/2	557	873	967	1066	613	942	1043	1150
40		614	963	1066	1175	675	1038	1150	1267
41.3	1 5/8	655	1026	1136	1252	720	1107	1226	1351
44		743	1165	1290	1421	817	1257	1391	1533
44.5	1 3/4	760	1191	1319	1454	836	1285	1423	1568
45		777	1218	1349	1487	855	1314	1455	1604
47.6	1 7/8	870	1363	1509	1663	957	1471	1628	1795
48		884	1386	1535	1692	973	1495	1656	1825
50.8	2	990	1553	1719	1895	1089	1675	1855	2044
51		998	1565	1733	1910	1098	1688	1869	2060
52		1038	1627	1801	1985	1142	1755	1943	2142
54	2 1/8	1119	1754	1943	2141	1231	1893	2096	2310
56		1204	1887	2089	2302	1324	2035	2254	2484
57.2	2 1/4	1256	1968	2180	2402	1381	2124	2351	2591
60		1382	2166	2398	2643	1520	2336	2587	2851
60.3	2 3/8	1396	2188	2422	2670	1535	2360	2613	2880
62		1475	2313	2561	2822	1623	2495	2763	3045
63.5	2 1/2	1548	2426	2686	2960	1702	2617	2898	3194
64		1572	2464	2729	3007	1729	2658	2944	3244
68		1775	2782	3081	3395	1961	3001	3323	3662
72		1990	3119	3454	3806	2198	3365	3726	4106
76		2217	3475	3848	4241	2449	3749	4151	4575
80		2456	3850	4264	4699	2714	4154	4600	5069

# 6x55SWS



FC



WSC

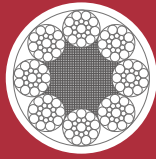


IWRC

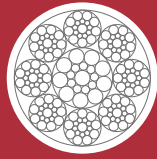


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤10mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.45	5.41	6.00	6.61	3.80	5.84	6.47	7.13
4		6.14	9.6	10.7	11.7	6.75	10.4	11.5	12.7
5		9.60	15.0	16.7	18.4	10.6	16.2	18.0	19.8
6		13.8	21.7	24.0	26.4	15.2	23.4	25.9	28.5
6.35	1/4	15.5	24.3	26.9	29.6	17.0	26.2	29.0	31.9
7		18.8	29.5	32.6	36.0	20.7	31.8	35.2	38.8
7.94	5/16	24.2	37.9	42.0	46.3	26.6	40.9	45.3	49.9
8		24.6	38.5	42.6	47.0	27.0	41.5	46.0	50.7
9		31.1	48.7	54.0	59.5	34.2	52.6	58.2	64.2
9.5	3/8	34.6	54.3	60.1	66.3	38.1	58.6	64.9	71.5
10		38.4	60.2	66.6	73.4	42.2	64.9	71.9	79.2
11		46.4	72.8	80.6	88.8	51.1	78.5	87.0	95.8
11.1	7/16	47.3	74.1	82.1	90.5	52.0	80.0	88.6	97.6
12		55.3	86.6	95.9	106	60.8	93.5	103	114
12.7	1/2	61.9	97.0	107	118	68.1	105	116	128
13		64.9	102	113	124	71.3	110	121	134
14		75.2	118	131	144	82.7	127	141	155
14.3	9/16	78.5	123	136	150	86.3	133	147	162
15.9	5/8	97.0	152	168	186	107	164	182	200
16		98.3	154	171	188	108	166	184	203
18		124	195	216	238	137	210	233	257
19		139	217	240	265	152	234	259	286
19.1	3/4	140	219	243	268	154	237	262	289
20		154	241	266	294	169	260	287	317
22		186	291	322	355	204	314	348	383
22.2	7/8	189	297	328	362	208	320	354	390
24		221	347	384	423	243	374	414	456
25.4	1	248	388	430	474	272	419	464	511
26		259	407	450	496	285	439	486	535
28		301	472	522	576	331	509	563	621
28.6	1 1/8	314	492	545	601	345	531	588	648
31.8	1 1/4	388	608	674	742	427	656	727	801
32		393	616	682	752	432	665	736	811
34.9	1 3/8	467	733	811	894	514	791	875	965
35		470	737	816	899	517	795	880	970
36		497	780	863	952	547	841	931	1026
38		554	869	962	1060	610	937	1038	1144
38.1	1 1/2	557	873	967	1066	613	942	1043	1150
40		614	963	1066	1175	675	1038	1150	1267
41.3	1 5/8	655	1026	1136	1252	720	1107	1226	1351
44		743	1165	1290	1421	817	1257	1391	1533
44.5	1 3/4	760	1191	1319	1454	836	1285	1423	1568
45		777	1218	1349	1487	855	1314	1455	1604
47.6	1 7/8	870	1363	1509	1663	957	1471	1628	1795
48		884	1386	1535	1692	973	1495	1656	1825
50.8	2	990	1553	1719	1895	1089	1675	1855	2044
51		998	1565	1733	1910	1098	1688	1869	2060
52		1038	1627	1801	1985	1142	1755	1943	2142
54	2 1/8	1119	1754	1943	2141	1231	1893	2096	2310
56		1204	1887	2089	2302	1324	2035	2254	2484
57.2	2 1/4	1256	1968	2180	2402	1381	2124	2351	2591
60		1382	2166	2398	2643	1520	2336	2587	2851
60.3	2 3/8	1396	2188	2422	2670	1535	2360	2613	2880
62		1475	2313	2561	2822	1623	2495	2763	3045
63.5	2 1/2	1548	2426	2686	2960	1702	2617	2898	3194
64		1572	2464	2729	3007	1729	2658	2944	3244
68		1775	2782	3081	3395	1961	3001	3323	3662
72		1990	3119	3454	3806	2198	3365	3726	4106
76		2217	3475	3848	4241	2449	3749	4151	4575
80		2456	3850	4264	4699	2714	4154	4600	5069

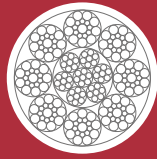
# 8x19S



FC



WSC

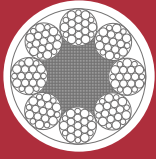


IWRC



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		3.25	4.81	5.32	5.87	3.73	5.68	6.29	6.93	3.73	5.68	6.29	6.93
4		5.77	8.55	9.5	10.4	6.62	10.1	11.2	12.3	6.62	10.1	11.2	12.3
5		9.01	13.4	14.8	16.3	10.4	15.8	17.5	19.2	10.4	15.8	17.5	19.2
6		13.0	19.2	21.3	23.5	14.9	22.7	25.1	27.7	14.9	22.7	25.1	27.7
6.35	1/4	14.5	21.5	23.9	26.3	16.7	25.4	28.2	31.0	16.7	25.4	28.2	31.0
7		17.7	26.2	29.0	31.9	20.3	30.9	34.2	37.7	20.3	30.9	34.2	37.7
7.94	5/16	22.7	33.7	37.3	41.1	26.1	39.8	44.0	48.5	26.1	39.8	44.0	48.5
8		23.1	34.2	37.9	41.7	26.5	40.4	44.7	49.3	26.5	40.4	44.7	49.3
9		29.2	43.3	47.9	52.8	33.5	51.1	56.6	62.4	33.5	51.1	56.6	62.4
9.5	3/8	32.5	48.2	53.4	58.8	37.4	56.9	63.0	69.5	37.4	56.9	63.0	69.5
10		36.1	53.4	59.2	65.2	41.4	63.1	69.9	77.0	41.4	63.1	69.9	77.0
11		43.6	64.6	71.6	78.9	50.1	76.3	84.5	93.1	50.1	76.3	84.5	93.1
11.1	7/16	44.4	65.8	72.9	80.3	51.0	77.7	86.1	94.8	51.0	77.7	86.1	94.8
12		51.9	76.9	85.2	94	59.6	90.8	101	111	59.6	90.8	101	111
12.7	1/2	58.2	86.2	95	105	66.8	102	113	124	66.8	102	113	124
13		60.9	90.3	100	110	70.0	107	118	130	70.0	107	118	130
14		70.7	105	116	128	81.1	124	137	151	81.1	124	137	151
14.3	9/16	73.7	109	121	133	84.7	129	143	157	84.7	129	143	157
15.9	5/8	91.2	135	150	165	105	159	177	195	105	159	177	195
16		92.3	137	151	167	106	161	179	197	106	161	179	197
18		117	173	192	211	134	204	226	249	134	204	226	249
19		130	193	214	235	149	228	252	278	149	228	252	278
19.1	3/4	132	195	216	238	151	230	255	281	151	230	255	281
20		144	214	237	261	166	252	279	308	166	252	279	308
22		175	259	286	316	200	305	338	373	200	305	338	373
22.2	7/8	178	263	292	321	204	311	344	379	204	311	344	379
24		208	308	341	375	238	363	402	443	238	363	402	443
25.4	1	233	345	382	421	267	407	451	497	267	407	451	497
26		244	361	400	441	280	426	472	520	280	426	472	520
28		283	419	464	511	325	495	548	604	325	495	548	604
28.6	1 1/8	295	437	484	533	339	516	571	630	339	516	571	630
31.8	1 1/4	365	540	598	659	419	638	706	778	419	638	706	778
32		369	547	606	668	424	646	715	788	424	646	715	788
34.9	1 3/8	439	651	720	794	504	768	851	938	504	768	851	938
35		442	654	725	799	507	773	856	943	507	773	856	943
36		467	692	767	845	537	818	905	998	537	818	905	998
38		521	771	854	941	598	911	1009	1112	598	911	1009	1112
38.1	1 1/2	523	775	859	946	601	916	1014	1117	601	916	1014	1117
40		577	855	946	1043	662	1009	1118	1232	662	1009	1118	1232
41.3	1 5/8	615	911	1009	1112	706	1076	1191	1313	706	1076	1191	1313
44		698	1034	1145	1262	802	1221	1352	1490	802	1221	1352	1490
44.5	1 3/4	714	1058	1171	1291	820	1249	1383	1524	820	1249	1383	1524
45		730	1082	1198	1320	838	1277	1414	1559	838	1277	1414	1559
47.6	1 7/8	817	1210	1340	1477	938	1429	1583	1744	938	1429	1583	1744
48		831	1231	1363	1502	954	1453	1609	1774	954	1453	1609	1774
50.8	2	931	1378	1526	1682	1068	1628	1803	1987	1068	1628	1803	1987
51		938	1389	1539	1696	1077	1641	1817	2002	1077	1641	1817	2002
52		975	1444	1599	1763	1119	1706	1889	2081	1119	1706	1889	2081
54	2 1/8	1051	1558	1725	1901	1207	1839	2037	2245	1207	1839	2037	2245
56		1131	1675	1855	2044	1298	1978	2191	2414	1298	1978	2191	2414
57.2	2 1/4	1180	1748	1935	2133	1355	2064	2285	2519	1355	2064	2285	2519
60		1298	1923	2129	2347	1490	2271	2515	2771	1490	2271	2515	2771
60.3	2 3/8	1311	1942	2151	2370	1505	2294	2540	2799	1505	2294	2540	2799
62		1386	2053	2274	2506	1591	2425	2685	2959	1591	2425	2685	2959
63.5	2 1/2	1454	2154	2385	2628	1669	2544	2817	3104	1669	2544	2817	3104
64		1477	2188	2423	2670	1696	2584	2861	3153	1696	2584	2861	3153

# 8x19W



FC



WSC

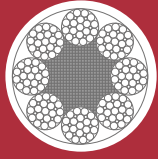


IWRC

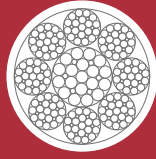


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤10mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.25	4.81	5.32	5.87	3.95	5.68	6.29	6.93
4		5.77	8.55	9.5	10.4	7.03	10.1	11.2	12.3
5		9.01	13.4	14.8	16.3	11.0	15.8	17.5	19.2
6		13.0	19.2	21.3	23.5	15.8	22.7	25.1	27.7
6.35	1/4	14.5	21.5	23.9	26.3	17.7	25.4	28.2	31.0
7		17.7	26.2	29.0	31.9	21.5	30.9	34.2	37.7
7.94	5/16	22.7	33.7	37.3	41.1	27.7	39.8	44.0	48.5
8		23.1	34.2	37.9	41.7	28.1	40.4	44.7	49.3
9		29.2	43.3	47.9	52.8	35.6	51.1	56.6	62.4
9.5	3/8	32.5	48.2	53.4	58.8	39.7	56.9	63.0	69.5
10		36.1	53.4	59.2	65.2	43.9	63.1	69.9	77.0
11		43.6	64.6	71.6	78.9	53.2	76.3	84.5	93.1
11.1	7/16	44.4	65.8	72.9	80.3	54.1	77.7	86.1	94.8
12		51.9	76.9	85.2	94	63.3	90.8	101	111
12.7	1/2	58.2	86.2	95	105	70.9	102	113	124
13		60.9	90.3	100	110	74.3	107	118	130
14		70.7	105	116	128	86.1	124	137	151
14.3	9/16	73.7	109	121	133	89.8	129	143	157
15.9	5/8	91.2	135	150	165	111	159	177	195
16		92.3	137	151	167	112	161	179	197
18		117	173	192	211	142	204	226	249
19		130	193	214	235	159	228	252	278
19.1	3/4	132	195	216	238	160	230	255	281
20		144	214	237	261	176	252	279	308
22		175	259	286	316	213	305	338	373
22.2	7/8	178	263	292	321	217	311	344	379
24		208	308	341	375	253	363	402	443
25.4	1	233	345	382	421	283	407	451	497
26		244	361	400	441	297	426	472	520
28		283	419	464	511	344	495	548	604
28.6	1 1/8	295	437	484	533	359	516	571	630
31.8	1 1/4	365	540	598	659	444	638	706	778
32		369	547	606	668	450	646	715	788
34.9	1 3/8	439	651	720	794	535	768	851	938
35		442	654	725	799	538	773	856	943
36		467	692	767	845	569	818	905	998
38		521	771	854	941	634	911	1009	1112
38.1	1 1/2	523	775	859	946	638	916	1014	1117
40		577	855	946	1043	703	1009	1118	1232
41.3	1 5/8	615	911	1009	1112	749	1076	1191	1313
44		698	1034	1145	1262	851	1221	1352	1490
44.5	1 3/4	714	1058	1171	1291	870	1249	1383	1524
45		730	1082	1198	1320	890	1277	1414	1559
47.6	1 7/8	817	1210	1340	1477	995	1429	1583	1744
48		831	1231	1363	1502	1012	1453	1609	1774
50.8	2	931	1378	1526	1682	1134	1628	1803	1987
51		938	1389	1539	1696	1143	1641	1817	2002
52		975	1444	1599	1763	1188	1706	1889	2081
54	2 1/8	1051	1558	1725	1901	1281	1839	2037	2245
56		1131	1675	1855	2044	1378	1978	2191	2414
57.2	2 1/4	1180	1748	1935	2133	1437	2064	2285	2519
60		1298	1923	2129	2347	1582	2271	2515	2771
60.3	2 3/8	1311	1942	2151	2370	1598	2294	2540	2799
62		1386	2053	2274	2506	1689	2425	2685	2959
63.5	2 1/2	1454	2154	2385	2628	1772	2544	2817	3104
64		1477	2188	2423	2670	1800	2584	2861	3153

# 8x25Fi



FC



WSC

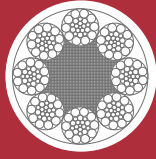


IWRC

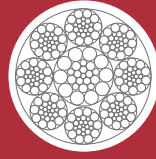


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤10mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.25	4.81	5.32	5.87	3.95	5.68	6.29	6.93
4		5.77	8.55	9.5	10.4	7.03	10.1	11.2	12.3
5		9.01	13.4	14.8	16.3	11.0	15.8	17.5	19.2
6		13.0	19.2	21.3	23.5	15.8	22.7	25.1	27.7
6.35	1/4	14.5	21.5	23.9	26.3	17.7	25.4	28.2	31.0
7		17.7	26.2	29.0	31.9	21.5	30.9	34.2	37.7
7.94	5/16	22.7	33.7	37.3	41.1	27.7	39.8	44.0	48.5
8		23.1	34.2	37.9	41.7	28.1	40.4	44.7	49.3
9		29.2	43.3	47.9	52.8	35.6	51.1	56.6	62.4
9.5	3/8	32.5	48.2	53.4	58.8	39.7	56.9	63.0	69.5
10		36.1	53.4	59.2	65.2	43.9	63.1	69.9	77.0
11		43.6	64.6	71.6	78.9	53.2	76.3	84.5	93.1
11.1	7/16	44.4	65.8	72.9	80.3	54.1	77.7	86.1	94.8
12		51.9	76.9	85.2	94	63.3	90.8	101	111
12.7	1/2	58.2	86.2	95	105	70.9	102	113	124
13		60.9	90.3	100	110	74.3	107	118	130
14		70.7	105	116	128	86.1	124	137	151
14.3	9/16	73.7	109	121	133	89.8	129	143	157
15.9	5/8	91.2	135	150	165	111	159	177	195
16		92.3	137	151	167	112	161	179	197
18		117	173	192	211	142	204	226	249
19		130	193	214	235	159	228	252	278
19.1	3/4	132	195	216	238	160	230	255	281
20		144	214	237	261	176	252	279	308
22		175	259	286	316	213	305	338	373
22.2	7/8	178	263	292	321	217	311	344	379
24		208	308	341	375	253	363	402	443
25.4	1	233	345	382	421	283	407	451	497
26		244	361	400	441	297	426	472	520
28		283	419	464	511	344	495	548	604
28.6	1 1/8	295	437	484	533	359	516	571	630
31.8	1 1/4	365	540	598	659	444	638	706	778
32		369	547	606	668	450	646	715	788
34.9	1 3/8	439	651	720	794	535	768	851	938
35		442	654	725	799	538	773	856	943
36		467	692	767	845	569	818	905	998
38		521	771	854	941	634	911	1009	1112
38.1	1 1/2	523	775	859	946	638	916	1014	1117
40		577	855	946	1043	703	1009	1118	1232
41.3	1 5/8	615	911	1009	1112	749	1076	1191	1313
44		698	1034	1145	1262	851	1221	1352	1490
44.5	1 3/4	714	1058	1171	1291	870	1249	1383	1524
45		730	1082	1198	1320	890	1277	1414	1559
47.6	1 7/8	817	1210	1340	1477	995	1429	1583	1744
48		831	1231	1363	1502	1012	1453	1609	1774
50.8	2	931	1378	1526	1682	1134	1628	1803	1987
51		938	1389	1539	1696	1143	1641	1817	2002
52		975	1444	1599	1763	1188	1706	1889	2081
54	2 1/8	1051	1558	1725	1901	1281	1839	2037	2245
56		1131	1675	1855	2044	1378	1978	2191	2414
57.2	2 1/4	1180	1748	1935	2133	1437	2064	2285	2519
60		1298	1923	2129	2347	1582	2271	2515	2771
60.3	2 3/8	1311	1942	2151	2370	1598	2294	2540	2799
62		1386	2053	2274	2506	1689	2425	2685	2959
63.5	2 1/2	1454	2154	2385	2628	1772	2544	2817	3104
64		1477	2188	2423	2670	1800	2584	2861	3153

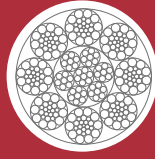
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FC



WSC

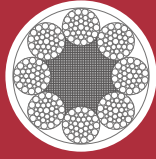


IWRC

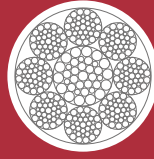


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤10mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.25	4.81	5.32	5.87	3.95	5.68	6.29	6.93
4		5.77	8.55	9.5	10.4	7.03	10.1	11.2	12.3
5		9.01	13.4	14.8	16.3	11.0	15.8	17.5	19.2
6		13.0	19.2	21.3	23.5	15.8	22.7	25.1	27.7
6.35	1/4	14.5	21.5	23.9	26.3	17.7	25.4	28.2	31.0
7		17.7	26.2	29.0	31.9	21.5	30.9	34.2	37.7
7.94	5/16	22.7	33.7	37.3	41.1	27.7	39.8	44.0	48.5
8		23.1	34.2	37.9	41.7	28.1	40.4	44.7	49.3
9		29.2	43.3	47.9	52.8	35.6	51.1	56.6	62.4
9.5	3/8	32.5	48.2	53.4	58.8	39.7	56.9	63.0	69.5
10		36.1	53.4	59.2	65.2	43.9	63.1	69.9	77.0
11		43.6	64.6	71.6	78.9	53.2	76.3	84.5	93.1
11.1	7/16	44.4	65.8	72.9	80.3	54.1	77.7	86.1	94.8
12		51.9	76.9	85.2	94	63.3	90.8	101	111
12.7	1/2	58.2	86.2	95	105	70.9	102	113	124
13		60.9	90.3	100	110	74.3	107	118	130
14		70.7	105	116	128	86.1	124	137	151
14.3	9/16	73.7	109	121	133	89.8	129	143	157
15.9	5/8	91.2	135	150	165	111	159	177	195
16		92.3	137	151	167	112	161	179	197
18		117	173	192	211	142	204	226	249
19		130	193	214	235	159	228	252	278
19.1	3/4	132	195	216	238	160	230	255	281
20		144	214	237	261	176	252	279	308
22		175	259	286	316	213	305	338	373
22.2	7/8	178	263	292	321	217	311	344	379
24		208	308	341	375	253	363	402	443
25.4	1	233	345	382	421	283	407	451	497
26		244	361	400	441	297	426	472	520
28		283	419	464	511	344	495	548	604
28.6	1 1/8	295	437	484	533	359	516	571	630
31.8	1 1/4	365	540	598	659	444	638	706	778
32		369	547	606	668	450	646	715	788
34.9	1 3/8	439	651	720	794	535	768	851	938
35		442	654	725	799	538	773	856	943
36		467	692	767	845	569	818	905	998
38		521	771	854	941	634	911	1009	1112
38.1	1 1/2	523	775	859	946	638	916	1014	1117
40		577	855	946	1043	703	1009	1118	1232
41.3	1 5/8	615	911	1009	1112	749	1076	1191	1313
44		698	1034	1145	1262	851	1221	1352	1490
44.5	1 3/4	714	1058	1171	1291	870	1249	1383	1524
45		730	1082	1198	1320	890	1277	1414	1559
47.6	1 7/8	817	1210	1340	1477	995	1429	1583	1744
48		831	1231	1363	1502	1012	1453	1609	1774
50.8	2	931	1378	1526	1682	1134	1628	1803	1987
51		938	1389	1539	1696	1143	1641	1817	2002
52		975	1444	1599	1763	1188	1706	1889	2081
54	2 1/8	1051	1558	1725	1901	1281	1839	2037	2245
56		1131	1675	1855	2044	1378	1978	2191	2414
57.2	2 1/4	1180	1748	1935	2133	1437	2064	2285	2519
60		1298	1923	2129	2347	1582	2271	2515	2771
60.3	2 3/8	1311	1942	2151	2370	1598	2294	2540	2799
62		1386	2053	2274	2506	1689	2425	2685	2959
63.5	2 1/2	1454	2154	2385	2628	1772	2544	2817	3104
64		1477	2188	2423	2670	1800	2584	2861	3153

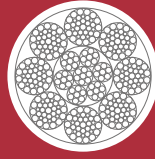
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FC



WSC

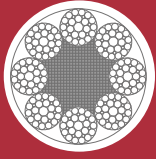


IWRC



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		3.25	4.81	5.32	5.87	3.90	5.68	6.29	6.93
4		5.77	8.55	9.5	10.4	6.93	10.1	11.2	12.3
5		9.01	13.4	14.8	16.3	10.8	15.8	17.5	19.2
6		13.0	19.2	21.3	23.5	15.6	22.7	25.1	27.7
6.35	1/4	14.5	21.5	23.9	26.3	17.5	25.4	28.2	31.0
7		17.7	26.2	29.0	31.9	21.2	30.9	34.2	37.7
7.94	5/16	22.7	33.7	37.3	41.1	27.3	39.8	44.0	48.5
8		23.1	34.2	37.9	41.7	27.7	40.4	44.7	49.3
9		29.2	43.3	47.9	52.8	35.1	51.1	56.6	62.4
9.5	3/8	32.5	48.2	53.4	58.8	39.1	56.9	63.0	69.5
10		36.1	53.4	59.2	65.2	43.3	63.1	69.9	77.0
11		43.6	64.6	71.6	78.9	52.4	76.3	84.5	93.1
11.1	7/16	44.4	65.8	72.9	80.3	53.3	77.7	86.1	94.8
12		51.9	76.9	85.2	94	62.4	90.8	101	111
12.7	1/2	58.2	86.2	95	105	69.8	102	113	124
13		60.9	90.3	100	110	73.2	107	118	130
14		70.7	105	116	128	84.9	124	137	151
14.3	9/16	73.7	109	121	133	88.5	129	143	157
15.9	5/8	91.2	135	150	165	109	159	177	195
16		92.3	137	151	167	111	161	179	197
18		117	173	192	211	140	204	226	249
19		130	193	214	235	156	228	252	278
19.1	3/4	132	195	216	238	158	230	255	281
20		144	214	237	261	173	252	279	308
22		175	259	286	316	210	305	338	373
22.2	7/8	178	263	292	321	213	311	344	379
24		208	308	341	375	249	363	402	443
25.4	1	233	345	382	421	279	407	451	497
26		244	361	400	441	293	426	472	520
28		283	419	464	511	339	495	548	604
28.6	1 1/8	295	437	484	533	354	516	571	630
31.8	1 1/4	365	540	598	659	438	638	706	778
32		369	547	606	668	443	646	715	788
34.9	1 3/8	439	651	720	794	527	768	851	938
35		442	654	725	799	530	773	856	943
36		467	692	767	845	561	818	905	998
38		521	771	854	941	625	911	1009	1112
38.1	1 1/2	523	775	859	946	629	916	1014	1117
40		577	855	946	1043	693	1009	1118	1232
41.3	1 5/8	615	911	1009	1112	739	1076	1191	1313
44		698	1034	1145	1262	838	1221	1352	1490
44.5	1 3/4	714	1058	1171	1291	857	1249	1383	1524
45		730	1082	1198	1320	877	1277	1414	1559
47.6	1 7/8	817	1210	1340	1477	981	1429	1583	1744
48		831	1231	1363	1502	998	1453	1609	1774
50.8	2	931	1378	1526	1682	1117	1628	1803	1987
51		938	1389	1539	1696	1126	1641	1817	2002
52		975	1444	1599	1763	1171	1706	1889	2081
54	2 1/8	1051	1558	1725	1901	1263	1839	2037	2245
56		1131	1675	1855	2044	1358	1978	2191	2414
57.2	2 1/4	1180	1748	1935	2133	1417	2064	2285	2519
60		1364	1923	2129	2347	1559	2271	2515	2771
60.3	2 3/8	1377	1942	2151	2370	1574	2294	2540	2799
62		1456	2053	2274	2506	1664	2425	2685	2959
63.5	2 1/2	1527	2154	2385	2628	1746	2544	2817	3104
64		1551	2188	2423	2670	1774	2584	2861	3153

# 8x29Fi



FC



WSC

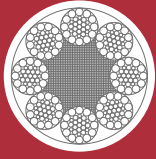


IWRC

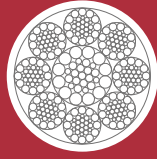


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤10mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.25	4.81	5.32	5.87	3.95	5.68	6.29	6.93
4		5.77	8.55	9.5	10.4	7.03	10.1	11.2	12.3
5		9.01	13.4	14.8	16.3	11.0	15.8	17.5	19.2
6		13.0	19.2	21.3	23.5	15.8	22.7	25.1	27.7
6.35	1/4	14.5	21.5	23.9	26.3	17.7	25.4	28.2	31.0
7		17.7	26.2	29.0	31.9	21.5	30.9	34.2	37.7
7.94	5/16	22.7	33.7	37.3	41.1	27.7	39.8	44.0	48.5
8		23.1	34.2	37.9	41.7	28.1	40.4	44.7	49.3
9		29.2	43.3	47.9	52.8	35.6	51.1	56.6	62.4
9.5	3/8	32.5	48.2	53.4	58.8	39.7	56.9	63.0	69.5
10		36.1	53.4	59.2	65.2	43.9	63.1	69.9	77.0
11		43.6	64.6	71.6	78.9	53.2	76.3	84.5	93.1
11.1	7/16	44.4	65.8	72.9	80.3	54.1	77.7	86.1	94.8
12		51.9	76.9	85.2	94	63.3	90.8	101	111
12.7	1/2	58.2	86.2	95	105	70.9	102	113	124
13		60.9	90.3	100	110	74.3	107	118	130
14		70.7	105	116	128	86.1	124	137	151
14.3	9/16	73.7	109	121	133	89.8	129	143	157
15.9	5/8	91.2	135	150	165	111	159	177	195
16		92.3	137	151	167	112	161	179	197
18		117	173	192	211	142	204	226	249
19		130	193	214	235	159	228	252	278
19.1	3/4	132	195	216	238	160	230	255	281
20		144	214	237	261	176	252	279	308
22		175	259	286	316	213	305	338	373
22.2	7/8	178	263	292	321	217	311	344	379
24		208	308	341	375	253	363	402	443
25.4	1	233	345	382	421	283	407	451	497
26		244	361	400	441	297	426	472	520
28		283	419	464	511	344	495	548	604
28.6	1 1/8	295	437	484	533	359	516	571	630
31.8	1 1/4	365	540	598	659	444	638	706	778
32		369	547	606	668	450	646	715	788
34.9	1 3/8	439	651	720	794	535	768	851	938
35		442	654	725	799	538	773	856	943
36		467	692	767	845	569	818	905	998
38		521	771	854	941	634	911	1009	1112
38.1	1 1/2	523	775	859	946	638	916	1014	1117
40		577	855	946	1043	703	1009	1118	1232
41.3	1 5/8	615	911	1009	1112	749	1076	1191	1313
44		698	1034	1145	1262	851	1221	1352	1490
44.5	1 3/4	714	1058	1171	1291	870	1249	1383	1524
45		730	1082	1198	1320	890	1277	1414	1559
47.6	1 7/8	817	1210	1340	1477	995	1429	1583	1744
48		831	1231	1363	1502	1012	1453	1609	1774
50.8	2	931	1378	1526	1682	1134	1628	1803	1987
51		938	1389	1539	1696	1143	1641	1817	2002
52		975	1444	1599	1763	1188	1706	1889	2081
54	2 1/8	1051	1558	1725	1901	1281	1839	2037	2245
56		1131	1675	1855	2044	1378	1978	2191	2414
57.2	2 1/4	1180	1748	1935	2133	1437	2064	2285	2519
60		1298	1923	2129	2347	1582	2271	2515	2771
60.3	2 3/8	1311	1942	2151	2370	1598	2294	2540	2799
62		1386	2053	2274	2506	1689	2425	2685	2959
63.5	2 1/2	1454	2154	2385	2628	1772	2544	2817	3104
64		1477	2188	2423	2670	1800	2584	2861	3153

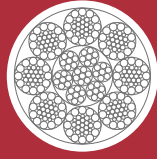
# 8x31WS



FC



WSC

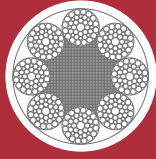


IWRC

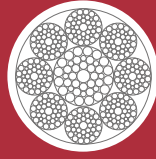


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤10mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.25	4.81	5.32	5.87	3.95	5.68	6.29	6.93
4		5.77	8.55	9.5	10.4	7.03	10.1	11.2	12.3
5		9.01	13.4	14.8	16.3	11.0	15.8	17.5	19.2
6		13.0	19.2	21.3	23.5	15.8	22.7	25.1	27.7
6.35	1/4	14.5	21.5	23.9	26.3	17.7	25.4	28.2	31.0
7		17.7	26.2	29.0	31.9	21.5	30.9	34.2	37.7
7.94	5/16	22.7	33.7	37.3	41.1	27.7	39.8	44.0	48.5
8		23.1	34.2	37.9	41.7	28.1	40.4	44.7	49.3
9		29.2	43.3	47.9	52.8	35.6	51.1	56.6	62.4
9.5	3/8	32.5	48.2	53.4	58.8	39.7	56.9	63.0	69.5
10		36.1	53.4	59.2	65.2	43.9	63.1	69.9	77.0
11		43.6	64.6	71.6	78.9	53.2	76.3	84.5	93.1
11.1	7/16	44.4	65.8	72.9	80.3	54.1	77.7	86.1	94.8
12		51.9	76.9	85.2	94	63.3	90.8	101	111
12.7	1/2	58.2	86.2	95	105	70.9	102	113	124
13		60.9	90.3	100	110	74.3	107	118	130
14		70.7	105	116	128	86.1	124	137	151
14.3	9/16	73.7	109	121	133	89.8	129	143	157
15.9	5/8	91.2	135	150	165	111	159	177	195
16		92.3	137	151	167	112	161	179	197
18		117	173	192	211	142	204	226	249
19		130	193	214	235	159	228	252	278
19.1	3/4	132	195	216	238	160	230	255	281
20		144	214	237	261	176	252	279	308
22		175	259	286	316	213	305	338	373
22.2	7/8	178	263	292	321	217	311	344	379
24		208	308	341	375	253	363	402	443
25.4	1	233	345	382	421	283	407	451	497
26		244	361	400	441	297	426	472	520
28		283	419	464	511	344	495	548	604
28.6	1 1/8	295	437	484	533	359	516	571	630
31.8	1 1/4	365	540	598	659	444	638	706	778
32		369	547	606	668	450	646	715	788
34.9	1 3/8	439	651	720	794	535	768	851	938
35		442	654	725	799	538	773	856	943
36		467	692	767	845	569	818	905	998
38		521	771	854	941	634	911	1009	1112
38.1	1 1/2	523	775	859	946	638	916	1014	1117
40		577	855	946	1043	703	1009	1118	1232
41.3	1 5/8	615	911	1009	1112	749	1076	1191	1313
44		698	1034	1145	1262	851	1221	1352	1490
44.5	1 3/4	714	1058	1171	1291	870	1249	1383	1524
45		730	1082	1198	1320	890	1277	1414	1559
47.6	1 7/8	817	1210	1340	1477	995	1429	1583	1744
48		831	1231	1363	1502	1012	1453	1609	1774
50.8	2	931	1378	1526	1682	1134	1628	1803	1987
51		938	1389	1539	1696	1143	1641	1817	2002
52		975	1444	1599	1763	1188	1706	1889	2081
54	2 1/8	1051	1558	1725	1901	1281	1839	2037	2245
56		1131	1675	1855	2044	1378	1978	2191	2414
57.2	2 1/4	1180	1748	1935	2133	1437	2064	2285	2519
60		1364	1923	2129	2347	1618	2271	2515	2771
60.3	2 3/8	1377	1942	2151	2370	1634	2294	2540	2799
62		1456	2053	2274	2506	1728	2425	2685	2959
63.5	2 1/2	1527	2154	2385	2628	1812	2544	2817	3104
64		1551	2188	2423	2670	1841	2584	2861	3153

# 8x41WS



FC



WSC

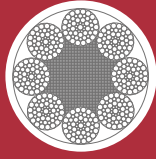


IWRC

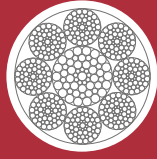


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤10mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.25	4.81	5.32	5.87	3.95	5.68	6.29	6.93
4		5.77	8.55	9.5	10.4	7.03	10.1	11.2	12.3
5		9.01	13.4	14.8	16.3	11.0	15.8	17.5	19.2
6		13.0	19.2	21.3	23.5	15.8	22.7	25.1	27.7
6.35	1/4	14.5	21.5	23.9	26.3	17.7	25.4	28.2	31.0
7		17.7	26.2	29.0	31.9	21.5	30.9	34.2	37.7
7.94	5/16	22.7	33.7	37.3	41.1	27.7	39.8	44.0	48.5
8		23.1	34.2	37.9	41.7	28.1	40.4	44.7	49.3
9		29.2	43.3	47.9	52.8	35.6	51.1	56.6	62.4
9.5	3/8	32.5	48.2	53.4	58.8	39.7	56.9	63.0	69.5
10		36.1	53.4	59.2	65.2	43.9	63.1	69.9	77.0
11		43.6	64.6	71.6	78.9	53.2	76.3	84.5	93.1
11.1	7/16	44.4	65.8	72.9	80.3	54.1	77.7	86.1	94.8
12		51.9	76.9	85.2	94	63.3	90.8	101	111
12.7	1/2	58.2	86.2	95	105	70.9	102	113	124
13		60.9	90.3	100	110	74.3	107	118	130
14		70.7	105	116	128	86.1	124	137	151
14.3	9/16	73.7	109	121	133	89.8	129	143	157
15.9	5/8	91.2	135	150	165	111	159	177	195
16		92.3	137	151	167	112	161	179	197
18		117	173	192	211	142	204	226	249
19		130	193	214	235	159	228	252	278
19.1	3/4	132	195	216	238	160	230	255	281
20		144	214	237	261	176	252	279	308
22		175	259	286	316	213	305	338	373
22.2	7/8	178	263	292	321	217	311	344	379
24		208	308	341	375	253	363	402	443
25.4	1	233	345	382	421	283	407	451	497
26		244	361	400	441	297	426	472	520
28		283	419	464	511	344	495	548	604
28.6	1 1/8	295	437	484	533	359	516	571	630
31.8	1 1/4	365	540	598	659	444	638	706	778
32		369	547	606	668	450	646	715	788
34.9	1 3/8	439	651	720	794	535	768	851	938
35		442	654	725	799	538	773	856	943
36		467	692	767	845	569	818	905	998
38		521	771	854	941	634	911	1009	1112
38.1	1 1/2	523	775	859	946	638	916	1014	1117
40		577	855	946	1043	703	1009	1118	1232
41.3	1 5/8	615	911	1009	1112	749	1076	1191	1313
44		698	1034	1145	1262	851	1221	1352	1490
44.5	1 3/4	714	1058	1171	1291	870	1249	1383	1524
45		730	1082	1198	1320	890	1277	1414	1559
47.6	1 7/8	817	1210	1340	1477	995	1429	1583	1744
48		831	1231	1363	1502	1012	1453	1609	1774
50.8	2	931	1378	1526	1682	1134	1628	1803	1987
51		938	1389	1539	1696	1143	1641	1817	2002
52		975	1444	1599	1763	1188	1706	1889	2081
54	2 1/8	1051	1558	1725	1901	1281	1839	2037	2245
56		1131	1675	1855	2044	1378	1978	2191	2414
57.2	2 1/4	1180	1748	1935	2133	1437	2064	2285	2519
60		1364	1923	2129	2347	1618	2271	2515	2771
60.3	2 3/8	1377	1942	2151	2370	1634	2294	2540	2799
62		1456	2053	2274	2506	1728	2425	2685	2959
63.5	2 1/2	1527	2154	2385	2628	1812	2544	2817	3104
64		1551	2188	2423	2670	1841	2584	2861	3153

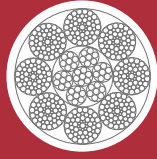
# 8x55SWS



FC



WSC

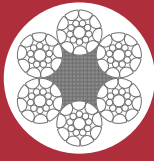


IWRC



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	4.81	5.32	5.87	3.95	5.68	6.29	6.93
4		5.77	8.55	9.5	10.4	7.03	10.1	11.2	12.3
5		9.01	13.4	14.8	16.3	11.0	15.8	17.5	19.2
6		13.0	19.2	21.3	23.5	15.8	22.7	25.1	27.7
6.35	1/4	14.5	21.5	23.9	26.3	17.7	25.4	28.2	31.0
7		17.7	26.2	29.0	31.9	21.5	30.9	34.2	37.7
7.94	5/16	22.7	33.7	37.3	41.1	27.7	39.8	44.0	48.5
8		23.1	34.2	37.9	41.7	28.1	40.4	44.7	49.3
9		29.2	43.3	47.9	52.8	35.6	51.1	56.6	62.4
9.5	3/8	32.5	48.2	53.4	58.8	39.7	56.9	63.0	69.5
10		36.1	53.4	59.2	65.2	43.9	63.1	69.9	77.0
11		43.6	64.6	71.6	78.9	53.2	76.3	84.5	93.1
11.1	7/16	44.4	65.8	72.9	80.3	54.1	77.7	86.1	94.8
12		51.9	76.9	85.2	94	63.3	90.8	101	111
12.7	1/2	58.2	86.2	95	105	70.9	102	113	124
13		60.9	90.3	100	110	74.3	107	118	130
14		70.7	105	116	128	86.1	124	137	151
14.3	9/16	73.7	109	121	133	89.8	129	143	157
15.9	5/8	91.2	135	150	165	111	159	177	195
16		92.3	137	151	167	112	161	179	197
18		117	173	192	211	142	204	226	249
19		130	193	214	235	159	228	252	278
19.1	3/4	132	195	216	238	160	230	255	281
20		144	214	237	261	176	252	279	308
22		175	259	286	316	213	305	338	373
22.2	7/8	178	263	292	321	217	311	344	379
24		208	308	341	375	253	363	402	443
25.4	1	233	345	382	421	283	407	451	497
26		244	361	400	441	297	426	472	520
28		283	419	464	511	344	495	548	604
28.6	1 1/8	295	437	484	533	359	516	571	630
31.8	1 1/4	365	540	598	659	444	638	706	778
32		369	547	606	668	450	646	715	788
34.9	1 3/8	439	651	720	794	535	768	851	938
35		442	654	725	799	538	773	856	943
36		467	692	767	845	569	818	905	998
38		521	771	854	941	634	911	1009	1112
38.1	1 1/2	523	775	859	946	638	916	1014	1117
40		577	855	946	1043	703	1009	1118	1232
41.3	1 5/8	615	911	1009	1112	749	1076	1191	1313
44		698	1034	1145	1262	851	1221	1352	1490
44.5	1 3/4	714	1058	1171	1291	870	1249	1383	1524
45		730	1082	1198	1320	890	1277	1414	1559
47.6	1 7/8	817	1210	1340	1477	995	1429	1583	1744
48		831	1231	1363	1502	1012	1453	1609	1774
50.8	2	931	1378	1526	1682	1134	1628	1803	1987
51		938	1389	1539	1696	1143	1641	1817	2002
52		975	1444	1599	1763	1188	1706	1889	2081
54	2 1/8	1051	1558	1725	1901	1281	1839	2037	2245
56		1131	1675	1855	2044	1378	1978	2191	2414
57.2	2 1/4	1180	1748	1935	2133	1437	2064	2285	2519
60		1364	1923	2129	2347	1618	2271	2515	2771
60.3	2 3/8	1377	1942	2151	2370	1634	2294	2540	2799
62		1456	2053	2274	2506	1728	2425	2685	2959
63.5	2 1/2	1527	2154	2385	2628	1812	2544	2817	3104
64		1551	2188	2423	2670	1841	2584	2861	3153

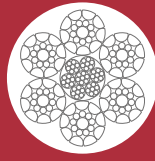
# 6xK19S



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		3.86	6.12	6.78	7.47	4.23	6.81	7.54	8.31
4		6.87	10.9	12.0	13.3	7.51	12.1	13.4	14.8
5		10.7	17.0	18.8	20.7	11.7	18.9	20.9	23.1
6		15.5	24.5	27.1	29.9	16.9	27.2	30.2	33.2
6.35	1/4	17.3	27.4	30.4	33.5	18.9	30.5	33.8	37.2
7		21.0	33.3	36.9	40.7	23.0	37.1	41.1	45.2
7.94	5/16	27.1	42.9	47.5	52.3	29.6	47.7	52.8	58.2
8		27.5	43.5	48.2	53.1	30.1	48.4	53.6	59.1
9		34.8	55.1	61.0	67.2	38.0	61.3	67.9	74.8
9.5	3/8	38.7	61.4	68.0	74.9	42.4	68.3	75.6	83.3
10		42.9	68.0	75.3	83.0	47.0	75.7	83.8	92.3
11		51.9	82.3	91.1	100	56.8	91.5	101	112
11.1	7/16	52.9	83.8	92.8	102	57.9	93.2	103	114
12		61.8	97.92	108	119	67.6	109	121	133
12.7	1/2	69.2	110	121	134	75.7	122	135	149
13		72.5	115	127	140	79.4	128	142	156
14		84.1	133	148	163	92.1	148	164	181
14.3	9/16	87.8	139	154	170	96.0	155	171	189
15.9	5/8	109	172	190	210	119	191	212	233
16		110	174	193	212	120	194	214	236
18		139	220	244	269	152	245	271	299
19		155	245	272	300	170	273	302	333
19.1	3/4	157	248	275	303	171	276	306	337
20		172	272	301	332	188	303	335	369
22		208	329	364	402	227	366	405	447
22.2	7/8	212	335	371	409	231	373	413	455
24		247	392	434	478	271	436	483	532
25.4	1	277	439	486	535	303	488	541	596
26		290	460	509	561	317	511	566	624
28		337	533	590	651	368	593	657	724
28.6	1 1/8	351	556	616	679	384	619	685	755
31.8	1 1/4	434	688	761	839	475	765	847	934
32		440	696	771	850	481	775	858	945
34.9	1 3/8	523	828	917	1011	572	922	1020	1125
35		526	833	922	1017	575	927	1026	1131
36		556	881	976	1075	609	981	1086	1197
38		620	982	1087	1198	678	1093	1210	1333
38.1	1 1/2	623	987	1093	1205	682	1098	1216	1340
40		687	1088	1205	1328	751	1211	1340	1477
41.3	1 5/8	732	1160	1284	1415	801	1291	1429	1575
44		831	1317	1458	1607	909	1465	1622	1787
44.5	1 3/4	850	1347	1491	1643	930	1498	1659	1828
45		869	1377	1525	1680	951	1532	1697	1870
47.6	1 7/8	973	1541	1706	1880	1064	1714	1898	2092
48		989	1567	1735	1912	1082	1743	1930	2127
50.8	2	1108	1755	1943	2142	1212	1952	2162	2383
51		1116	1769	1959	2158	1222	1968	2179	2401
52		1161	1839	2036	2244	1270	2046	2265	2497
54	2 1/8	1252	1983	2196	2420	1369	2206	2443	2692
56		1346	2133	2361	2602	1473	2373	2627	2895
57.2	2 1/4	1404	2225	2464	2715	1537	2475	2741	3021
60		1545	2448	2711	2987	1691	2658	2943	3244
60.3	2 3/8	1561	2473	2738	3017	1708	2685	2973	3276
62		1650	2614	2895	3190	1805	2838	3143	3464
63.5	2 1/2	1731	2742	3036	3346	1894	2977	3297	3633
64		1758	2785	3084	3399	1924	3024	3349	3691

# 6xK25Fi



FC



WSC



IWRC

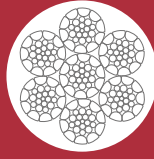


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤12mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.86	6.12	6.78	7.47	4.23	6.81	7.54	8.31
4		6.87	10.9	12.0	13.3	7.51	12.1	13.4	14.8
5		10.7	17.0	18.8	20.7	11.7	18.9	20.9	23.1
6		15.5	24.5	27.1	29.9	16.9	27.2	30.2	33.2
6.35	1/4	17.3	27.4	30.4	33.5	18.9	30.5	33.8	37.2
7		21.0	33.3	36.9	40.7	23.0	37.1	41.1	45.2
7.94	5/16	27.1	42.9	47.5	52.3	29.6	47.7	52.8	58.2
8		27.5	43.5	48.2	53.1	30.1	48.4	53.6	59.1
9		34.8	55.1	61.0	67.2	38.0	61.3	67.9	74.8
9.5	3/8	38.7	61.4	68.0	74.9	42.4	68.3	75.6	83.3
10		42.9	68.0	75.3	83.0	47.0	75.7	83.8	92.3
11		51.9	82.3	91.1	100	56.8	91.5	101	112
11.1	7/16	52.9	83.8	92.8	102	57.9	93.2	103	114
12		61.8	97.92	108	119	67.6	109	121	133
12.7	1/2	69.2	110	121	134	75.7	122	135	149
13		72.5	115	127	140	79.4	128	142	156
14		84.1	133	148	163	92.1	148	164	181
14.3	9/16	87.8	139	154	170	96.0	155	171	189
15.9	5/8	109	172	190	210	119	191	212	233
16		110	174	193	212	120	194	214	236
18		139	220	244	269	152	245	271	299
19		155	245	272	300	170	273	302	333
19.1	3/4	157	248	275	303	171	276	306	337
20		172	272	301	332	188	303	335	369
22		208	329	364	402	227	366	405	447
22.2	7/8	212	335	371	409	231	373	413	455
24		247	392	434	478	271	436	483	532
25.4	1	277	439	486	535	303	488	541	596
26		290	460	509	561	317	511	566	624
28		337	533	590	651	368	593	657	724
28.6	1 1/8	351	556	616	679	384	619	685	755
31.8	1 1/4	434	688	761	839	475	765	847	934
32		440	696	771	850	481	775	858	945
34.9	1 3/8	523	828	917	1011	572	922	1020	1125
35		526	833	922	1017	575	927	1026	1131
36		556	881	976	1075	609	981	1086	1197
38		620	982	1087	1198	678	1093	1210	1333
38.1	1 1/2	623	987	1093	1205	682	1098	1216	1340
40		687	1088	1205	1328	751	1211	1340	1477
41.3	1 5/8	732	1160	1284	1415	801	1291	1429	1575
44		831	1317	1458	1607	909	1465	1622	1787
44.5	1 3/4	850	1347	1491	1643	930	1498	1659	1828
45		869	1377	1525	1680	951	1532	1697	1870
47.6	1 7/8	973	1541	1706	1880	1064	1714	1898	2092
48		989	1567	1735	1912	1082	1743	1930	2127
50.8	2	1108	1755	1943	2142	1212	1952	2162	2383
51		1116	1769	1959	2158	1222	1968	2179	2401
52		1161	1839	2036	2244	1270	2046	2265	2497
54	2 1/8	1252	1983	2196	2420	1369	2206	2443	2692
56		1346	2133	2361	2602	1473	2373	2627	2895
57.2	2 1/4	1404	2225	2464	2715	1537	2475	2741	3021
60		1545	2448	2711	2987	1691	2658	2943	3244
60.3	2 3/8	1561	2473	2738	3017	1708	2685	2973	3276
62		1650	2614	2895	3190	1805	2838	3143	3464
63.5	2 1/2	1731	2742	3036	3346	1894	2977	3297	3633
64		1758	2785	3084	3399	1924	3024	3349	3691

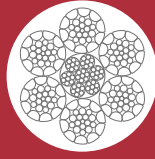
# 6xK26WS



FC



WSC

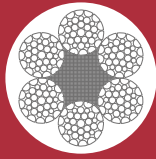


IWRC



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		3.86	6.12	6.78	7.47	4.23	6.81	7.54	8.31
4		6.87	10.9	12.0	13.3	7.51	12.1	13.4	14.8
5		10.7	17.0	18.8	20.7	11.7	18.9	20.9	23.1
6		15.5	24.5	27.1	29.9	16.9	27.2	30.2	33.2
6.35	1/4	17.3	27.4	30.4	33.5	18.9	30.5	33.8	37.2
7		21.0	33.3	36.9	40.7	23.0	37.1	41.1	45.2
7.94	5/16	27.1	42.9	47.5	52.3	29.6	47.7	52.8	58.2
8		27.5	43.5	48.2	53.1	30.1	48.4	53.6	59.1
9		34.8	55.1	61.0	67.2	38.0	61.3	67.9	74.8
9.5	3/8	38.7	61.4	68.0	74.9	42.4	68.3	75.6	83.3
10		42.9	68.0	75.3	83.0	47.0	75.7	83.8	92.3
11		51.9	82.3	91.1	100	56.8	91.5	101	112
11.1	7/16	52.9	83.8	92.8	102	57.9	93.2	103	114
12		61.8	97.92	108	119	67.6	109	121	133
12.7	1/2	69.2	110	121	134	75.7	122	135	149
13		72.5	115	127	140	79.4	128	142	156
14		84.1	133	148	163	92.1	148	164	181
14.3	9/16	87.8	139	154	170	96.0	155	171	189
15.9	5/8	109	172	190	210	119	191	212	233
16		110	174	193	212	120	194	214	236
18		139	220	244	269	152	245	271	299
19		155	245	272	300	170	273	302	333
19.1	3/4	157	248	275	303	171	276	306	337
20		172	272	301	332	188	303	335	369
22		208	329	364	402	227	366	405	447
22.2	7/8	212	335	371	409	231	373	413	455
24		247	392	434	478	271	436	483	532
25.4	1	277	439	486	535	303	488	541	596
26		290	460	509	561	317	511	566	624
28		337	533	590	651	368	593	657	724
28.6	1 1/8	351	556	616	679	384	619	685	755
31.8	1 1/4	434	688	761	839	475	765	847	934
32		440	696	771	850	481	775	858	945
34.9	1 3/8	523	828	917	1011	572	922	1020	1125
35		526	833	922	1017	575	927	1026	1131
36		556	881	976	1075	609	981	1086	1197
38		620	982	1087	1198	678	1093	1210	1333
38.1	1 1/2	623	987	1093	1205	682	1098	1216	1340
40		687	1088	1205	1328	751	1211	1340	1477
41.3	1 5/8	732	1160	1284	1415	801	1291	1429	1575
44		831	1317	1458	1607	909	1465	1622	1787
44.5	1 3/4	850	1347	1491	1643	930	1498	1659	1828
45		869	1377	1525	1680	951	1532	1697	1870
47.6	1 7/8	973	1541	1706	1880	1064	1714	1898	2092
48		989	1567	1735	1912	1082	1743	1930	2127
50.8	2	1108	1755	1943	2142	1212	1952	2162	2383
51		1116	1769	1959	2158	1222	1968	2179	2401
52		1161	1839	2036	2244	1270	2046	2265	2497
54	2 1/8	1252	1983	2196	2420	1369	2206	2443	2692
56		1346	2133	2361	2602	1473	2373	2627	2895
57.2	2 1/4	1404	2225	2464	2715	1537	2475	2741	3021
60		1545	2448	2711	2987	1691	2658	2943	3244
60.3	2 3/8	1561	2473	2738	3017	1708	2685	2973	3276
62		1650	2614	2895	3190	1805	2838	3143	3464
63.5	2 1/2	1731	2742	3036	3346	1894	2977	3297	3633
64		1758	2785	3084	3399	1924	3024	3349	3691

# 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		3.86	6.12	6.78	7.47	4.23	6.81	7.54	8.31
4		6.87	10.9	12.0	13.3	7.51	12.1	13.4	14.8
5		10.7	17.0	18.8	20.7	11.7	18.9	20.9	23.1
6		15.5	24.5	27.1	29.9	16.9	27.2	30.2	33.2
6.35	1/4	17.3	27.4	30.4	33.5	18.9	30.5	33.8	37.2
7		21.0	33.3	36.9	40.7	23.0	37.1	41.1	45.2
7.94	5/16	27.1	42.9	47.5	52.3	29.6	47.7	52.8	58.2
8		27.5	43.5	48.2	53.1	30.1	48.4	53.6	59.1
9		34.8	55.1	61.0	67.2	38.0	61.3	67.9	74.8
9.5	3/8	38.7	61.4	68.0	74.9	42.4	68.3	75.6	83.3
10		42.9	68.0	75.3	83.0	47.0	75.7	83.8	92.3
11		51.9	82.3	91.1	100	56.8	91.5	101	112
11.1	7/16	52.9	83.8	92.8	102	57.9	93.2	103	114
12		61.8	97.92	108	119	67.6	109	121	133
12.7	1/2	69.2	110	121	134	75.7	122	135	149
13		72.5	115	127	140	79.4	128	142	156
14		84.1	133	148	163	92.1	148	164	181
14.3	9/16	87.8	139	154	170	96.0	155	171	189
15.9	5/8	109	172	190	210	119	191	212	233
16		110	174	193	212	120	194	214	236
18		139	220	244	269	152	245	271	299
19		155	245	272	300	170	273	302	333
19.1	3/4	157	248	275	303	171	276	306	337
20		172	272	301	332	188	303	335	369
22		208	329	364	402	227	366	405	447
22.2	7/8	212	335	371	409	231	373	413	455
24		247	392	434	478	271	436	483	532
25.4	1	277	439	486	535	303	488	541	596
26		290	460	509	561	317	511	566	624
28		337	533	590	651	368	593	657	724
28.6	1 1/8	351	556	616	679	384	619	685	755
31.8	1 1/4	434	688	761	839	475	765	847	934
32		440	696	771	850	481	775	858	945
34.9	1 3/8	523	828	917	1011	572	922	1020	1125
35		526	833	922	1017	575	927	1026	1131
36		556	881	976	1075	609	981	1086	1197
38		620	982	1087	1198	678	1093	1210	1333
38.1	1 1/2	623	987	1093	1205	682	1098	1216	1340
40		687	1088	1205	1328	751	1211	1340	1477
41.3	1 5/8	732	1160	1284	1415	801	1291	1429	1575
44		831	1317	1458	1607	909	1465	1622	1787
44.5	1 3/4	850	1347	1491	1643	930	1498	1659	1828
45		869	1377	1525	1680	951	1532	1697	1870
47.6	1 7/8	973	1541	1706	1880	1064	1714	1898	2092
48		989	1567	1735	1912	1082	1743	1930	2127
50.8	2	1108	1755	1943	2142	1212	1952	2162	2383
51		1116	1769	1959	2158	1222	1968	2179	2401
52		1161	1839	2036	2244	1270	2046	2265	2497
54	2 1/8	1252	1983	2196	2420	1369	2206	2443	2692
56		1346	2133	2361	2602	1473	2373	2627	2895
57.2	2 1/4	1404	2225	2464	2715	1537	2475	2741	3021
60		1545	2448	2711	2987	1691	2658	2943	3244
60.3	2 3/8	1561	2473	2738	3017	1708	2685	2973	3276
62		1650	2614	2895	3190	1805	2838	3143	3464
63.5	2 1/2	1731	2742	3036	3346	1894	2977	3297	3633
64		1758	2785	3084	3399	1924	3024	3349	3691

# 6xK29Fi



FC



WSC

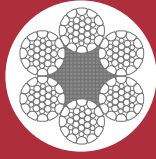


IWRC



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		3.86	6.12	6.78	7.47	4.23	6.81	7.54	8.31
4		6.87	10.9	12.0	13.3	7.51	12.1	13.4	14.8
5		10.7	17.0	18.8	20.7	11.7	18.9	20.9	23.1
6		15.5	24.5	27.1	29.9	16.9	27.2	30.2	33.2
6.35	1/4	17.3	27.4	30.4	33.5	18.9	30.5	33.8	37.2
7		21.0	33.3	36.9	40.7	23.0	37.1	41.1	45.2
7.94	5/16	27.1	42.9	47.5	52.3	29.6	47.7	52.8	58.2
8		27.5	43.5	48.2	53.1	30.1	48.4	53.6	59.1
9		34.8	55.1	61.0	67.2	38.0	61.3	67.9	74.8
9.5	3/8	38.7	61.4	68.0	74.9	42.4	68.3	75.6	83.3
10		42.9	68.0	75.3	83.0	47.0	75.7	83.8	92.3
11		51.9	82.3	91.1	100	56.8	91.5	101	112
11.1	7/16	52.9	83.8	92.8	102	57.9	93.2	103	114
12		61.8	97.92	108	119	67.6	109	121	133
12.7	1/2	69.2	110	121	134	75.7	122	135	149
13		72.5	115	127	140	79.4	128	142	156
14		84.1	133	148	163	92.1	148	164	181
14.3	9/16	87.8	139	154	170	96.0	155	171	189
15.9	5/8	109	172	190	210	119	191	212	233
16		110	174	193	212	120	194	214	236
18		139	220	244	269	152	245	271	299
19		155	245	272	300	170	273	302	333
19.1	3/4	157	248	275	303	171	276	306	337
20		172	272	301	332	188	303	335	369
22		208	329	364	402	227	366	405	447
22.2	7/8	212	335	371	409	231	373	413	455
24		247	392	434	478	271	436	483	532
25.4	1	277	439	486	535	303	488	541	596
26		290	460	509	561	317	511	566	624
28		337	533	590	651	368	593	657	724
28.6	1 1/8	351	556	616	679	384	619	685	755
31.8	1 1/4	434	688	761	839	475	765	847	934
32		440	696	771	850	481	775	858	945
34.9	1 3/8	523	828	917	1011	572	922	1020	1125
35		526	833	922	1017	575	927	1026	1131
36		556	881	976	1075	609	981	1086	1197
38		620	982	1087	1198	678	1093	1210	1333
38.1	1 1/2	623	987	1093	1205	682	1098	1216	1340
40		687	1088	1205	1328	751	1211	1340	1477
41.3	1 5/8	732	1160	1284	1415	801	1291	1429	1575
44		831	1317	1458	1607	909	1465	1622	1787
44.5	1 3/4	850	1347	1491	1643	930	1498	1659	1828
45		869	1377	1525	1680	951	1532	1697	1870
47.6	1 7/8	973	1541	1706	1880	1064	1714	1898	2092
48		989	1567	1735	1912	1082	1743	1930	2127
50.8	2	1108	1755	1943	2142	1212	1952	2162	2383
51		1116	1769	1959	2158	1222	1968	2179	2401
52		1161	1839	2036	2244	1270	2046	2265	2497
54	2 1/8	1252	1983	2196	2420	1369	2206	2443	2692
56		1346	2133	2361	2602	1473	2373	2627	2895
57.2	2 1/4	1404	2225	2464	2715	1537	2475	2741	3021
60		1545	2448	2711	2987	1691	2658	2943	3244
60.3	2 3/8	1561	2473	2738	3017	1708	2685	2973	3276
62		1650	2614	2895	3190	1805	2838	3143	3464
63.5	2 1/2	1731	2742	3036	3346	1894	2977	3297	3633
64		1758	2785	3084	3399	1924	3024	3349	3691

# 6xK31WS



FC



WSC

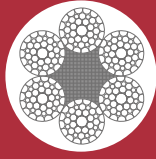


IWRC



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		3.86	6.12	6.78	7.47	4.23	6.81	7.54	8.31
4		6.87	10.9	12.0	13.3	7.51	12.1	13.4	14.8
5		10.7	17.0	18.8	20.7	11.7	18.9	20.9	23.1
6		15.5	24.5	27.1	29.9	16.9	27.2	30.2	33.2
6.35	1/4	17.3	27.4	30.4	33.5	18.9	30.5	33.8	37.2
7		21.0	33.3	36.9	40.7	23.0	37.1	41.1	45.2
7.94	5/16	27.1	42.9	47.5	52.3	29.6	47.7	52.8	58.2
8		27.5	43.5	48.2	53.1	30.1	48.4	53.6	59.1
9		34.8	55.1	61.0	67.2	38.0	61.3	67.9	74.8
9.5	3/8	38.7	61.4	68.0	74.9	42.4	68.3	75.6	83.3
10		42.9	68.0	75.3	83.0	47.0	75.7	83.8	92.3
11		51.9	82.3	91.1	100	56.8	91.5	101	112
11.1	7/16	52.9	83.8	92.8	102	57.9	93.2	103	114
12		61.8	97.92	108	119	67.6	109	121	133
12.7	1/2	69.2	110	121	134	75.7	122	135	149
13		72.5	115	127	140	79.4	128	142	156
14		84.1	133	148	163	92.1	148	164	181
14.3	9/16	87.8	139	154	170	96.0	155	171	189
15.9	5/8	109	172	190	210	119	191	212	233
16		110	174	193	212	120	194	214	236
18		139	220	244	269	152	245	271	299
19		155	245	272	300	170	273	302	333
19.1	3/4	157	248	275	303	171	276	306	337
20		172	272	301	332	188	303	335	369
22		208	329	364	402	227	366	405	447
22.2	7/8	212	335	371	409	231	373	413	455
24		247	392	434	478	271	436	483	532
25.4	1	277	439	486	535	303	488	541	596
26		290	460	509	561	317	511	566	624
28		337	533	590	651	368	593	657	724
28.6	1 1/8	351	556	616	679	384	619	685	755
31.8	1 1/4	434	688	761	839	475	765	847	934
32		440	696	771	850	481	775	858	945
34.9	1 3/8	523	828	917	1011	572	922	1020	1125
35		526	833	922	1017	575	927	1026	1131
36		556	881	976	1075	609	981	1086	1197
38		620	982	1087	1198	678	1093	1210	1333
38.1	1 1/2	623	987	1093	1205	682	1098	1216	1340
40		687	1088	1205	1328	751	1211	1340	1477
41.3	1 5/8	732	1160	1284	1415	801	1291	1429	1575
44		831	1317	1458	1607	909	1465	1622	1787
44.5	1 3/4	850	1347	1491	1643	930	1498	1659	1828
45		869	1377	1525	1680	951	1532	1697	1870
47.6	1 7/8	973	1541	1706	1880	1064	1714	1898	2092
48		989	1567	1735	1912	1082	1743	1930	2127
50.8	2	1108	1755	1943	2142	1212	1952	2162	2383
51		1116	1769	1959	2158	1222	1968	2179	2401
52		1161	1839	2036	2244	1270	2046	2265	2497
54	2 1/8	1252	1983	2196	2420	1369	2206	2443	2692
56		1346	2133	2361	2602	1473	2373	2627	2895
57.2	2 1/4	1404	2225	2464	2715	1537	2475	2741	3021
60		1545	2448	2711	2987	1691	2658	2943	3244
60.3	2 3/8	1561	2473	2738	3017	1708	2685	2973	3276
62		1650	2614	2895	3190	1805	2838	3143	3464
63.5	2 1/2	1731	2742	3036	3346	1894	2977	3297	3633
64		1758	2785	3084	3399	1924	3024	3349	3691

# 6xK41WS



FC



WSC

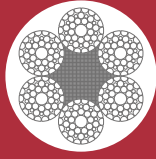


IWRC

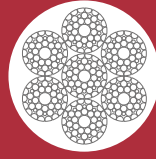


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤12mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.86	6.12	6.78	7.47	4.23	6.81	7.54	8.31
4		6.87	10.9	12.0	13.3	7.51	12.1	13.4	14.8
5		10.7	17.0	18.8	20.7	11.7	18.9	20.9	23.1
6		15.5	24.5	27.1	29.9	16.9	27.2	30.2	33.2
6.35	1/4	17.3	27.4	30.4	33.5	18.9	30.5	33.8	37.2
7		21.0	33.3	36.9	40.7	23.0	37.1	41.1	45.2
7.94	5/16	27.1	42.9	47.5	52.3	29.6	47.7	52.8	58.2
8		27.5	43.5	48.2	53.1	30.1	48.4	53.6	59.1
9		34.8	55.1	61.0	67.2	38.0	61.3	67.9	74.8
9.5	3/8	38.7	61.4	68.0	74.9	42.4	68.3	75.6	83.3
10		42.9	68.0	75.3	83.0	47.0	75.7	83.8	92.3
11		51.9	82.3	91.1	100	56.8	91.5	101	112
11.1	7/16	52.9	83.8	92.8	102	57.9	93.2	103	114
12		61.8	97.92	108	119	67.6	109	121	133
12.7	1/2	69.2	110	121	134	75.7	122	135	149
13		72.5	115	127	140	79.4	128	142	156
14		84.1	133	148	163	92.1	148	164	181
14.3	9/16	87.8	139	154	170	96.0	155	171	189
15.9	5/8	109	172	190	210	119	191	212	233
16		110	174	193	212	120	194	214	236
18		139	220	244	269	152	245	271	299
19		155	245	272	300	170	273	302	333
19.1	3/4	157	248	275	303	171	276	306	337
20		172	272	301	332	188	303	335	369
22		208	329	364	402	227	366	405	447
22.2	7/8	212	335	371	409	231	373	413	455
24		247	392	434	478	271	436	483	532
25.4	1	277	439	486	535	303	488	541	596
26		290	460	509	561	317	511	566	624
28		337	533	590	651	368	593	657	724
28.6	1 1/8	351	556	616	679	384	619	685	755
31.8	1 1/4	434	688	761	839	475	765	847	934
32		440	696	771	850	481	775	858	945
34.9	1 3/8	523	828	917	1011	572	922	1020	1125
35		526	833	922	1017	575	927	1026	1131
36		556	881	976	1075	609	981	1086	1197
38		620	982	1087	1198	678	1093	1210	1333
38.1	1 1/2	623	987	1093	1205	682	1098	1216	1340
40		687	1088	1205	1328	751	1211	1340	1477
41.3	1 5/8	732	1160	1284	1415	801	1291	1429	1575
44		831	1317	1458	1607	909	1465	1622	1787
44.5	1 3/4	850	1347	1491	1643	930	1498	1659	1828
45		869	1377	1525	1680	951	1532	1697	1870
47.6	1 7/8	973	1541	1706	1880	1064	1714	1898	2092
48		989	1567	1735	1912	1082	1743	1930	2127
50.8	2	1108	1755	1943	2142	1212	1952	2162	2383
51		1116	1769	1959	2158	1222	1968	2179	2401
52		1161	1839	2036	2244	1270	2046	2265	2497
54	2 1/8	1252	1983	2196	2420	1369	2206	2443	2692
56		1346	2133	2361	2602	1473	2373	2627	2895
57.2	2 1/4	1404	2225	2464	2715	1537	2475	2741	3021
60		1545	2448	2711	2987	1691	2658	2943	3244
60.3	2 3/8	1561	2473	2738	3017	1708	2685	2973	3276
62		1650	2614	2895	3190	1805	2838	3143	3464
63.5	2 1/2	1731	2742	3036	3346	1894	2977	3297	3633
64		1758	2785	3084	3399	1924	3024	3349	3691

# 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		3.86	6.12	6.78	7.47	4.23	6.81	7.54	8.31
4		6.87	10.9	12.0	13.3	7.51	12.1	13.4	14.8
5		10.7	17.0	18.8	20.7	11.7	18.9	20.9	23.1
6		15.5	24.5	27.1	29.9	16.9	27.2	30.2	33.2
6.35	1/4	17.3	27.4	30.4	33.5	18.9	30.5	33.8	37.2
7		21.0	33.3	36.9	40.7	23.0	37.1	41.1	45.2
7.94	5/16	27.1	42.9	47.5	52.3	29.6	47.7	52.8	58.2
8		27.5	43.5	48.2	53.1	30.1	48.4	53.6	59.1
9		34.8	55.1	61.0	67.2	38.0	61.3	67.9	74.8
9.5	3/8	38.7	61.4	68.0	74.9	42.4	68.3	75.6	83.3
10		42.9	68.0	75.3	83.0	47.0	75.7	83.8	92.3
11		51.9	82.3	91.1	100	56.8	91.5	101	112
11.1	7/16	52.9	83.8	92.8	102	57.9	93.2	103	114
12		61.8	97.92	108	119	67.6	109	121	133
12.7	1/2	69.2	110	121	134	75.7	122	135	149
13		72.5	115	127	140	79.4	128	142	156
14		84.1	133	148	163	92.1	148	164	181
14.3	9/16	87.8	139	154	170	96.0	155	171	189
15.9	5/8	109	172	190	210	119	191	212	233
16		110	174	193	212	120	194	214	236
18		139	220	244	269	152	245	271	299
19		155	245	272	300	170	273	302	333
19.1	3/4	157	248	275	303	171	276	306	337
20		172	272	301	332	188	303	335	369
22		208	329	364	402	227	366	405	447
22.2	7/8	212	335	371	409	231	373	413	455
24		247	392	434	478	271	436	483	532
25.4	1	277	439	486	535	303	488	541	596
26		290	460	509	561	317	511	566	624
28		337	533	590	651	368	593	657	724
28.6	1 1/8	351	556	616	679	384	619	685	755
31.8	1 1/4	434	688	761	839	475	765	847	934
32		440	696	771	850	481	775	858	945
34.9	1 3/8	523	828	917	1011	572	922	1020	1125
35		526	833	922	1017	575	927	1026	1131
36		556	881	976	1075	609	981	1086	1197
38		620	982	1087	1198	678	1093	1210	1333
38.1	1 1/2	623	987	1093	1205	682	1098	1216	1340
40		687	1088	1205	1328	751	1211	1340	1477
41.3	1 5/8	732	1160	1284	1415	801	1291	1429	1575
44		831	1317	1458	1607	909	1465	1622	1787
44.5	1 3/4	850	1347	1491	1643	930	1498	1659	1828
45		869	1377	1525	1680	951	1532	1697	1870
47.6	1 7/8	973	1541	1706	1880	1064	1714	1898	2092
48		989	1567	1735	1912	1082	1743	1930	2127
50.8	2	1108	1755	1943	2142	1212	1952	2162	2383
51		1116	1769	1959	2158	1222	1968	2179	2401
52		1161	1839	2036	2244	1270	2046	2265	2497
54	2 1/8	1252	1983	2196	2420	1369	2206	2443	2692
56		1346	2133	2361	2602	1473	2373	2627	2895
57.2	2 1/4	1404	2225	2464	2715	1537	2475	2741	3021
60		1545	2448	2711	2987	1691	2658	2943	3244
60.3	2 3/8	1561	2473	2738	3017	1708	2685	2973	3276
62		1650	2614	2895	3190	1805	2838	3143	3464
63.5	2 1/2	1731	2742	3036	3346	1894	2977	3297	3633
64		1758	2785	3084	3399	1924	3024	3349	3691

# 6xK49SWS



FC



WSC

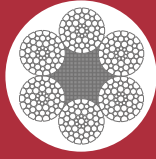


IWRC



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		3.86	6.12	6.78	7.47	4.23	6.81	7.54	8.31
4		6.87	10.9	12.0	13.3	7.51	12.1	13.4	14.8
5		10.7	17.0	18.8	20.7	11.7	18.9	20.9	23.1
6		15.5	24.5	27.1	29.9	16.9	27.2	30.2	33.2
6.35	1/4	17.3	27.4	30.4	33.5	18.9	30.5	33.8	37.2
7		21.0	33.3	36.9	40.7	23.0	37.1	41.1	45.2
7.94	5/16	27.1	42.9	47.5	52.3	29.6	47.7	52.8	58.2
8		27.5	43.5	48.2	53.1	30.1	48.4	53.6	59.1
9		34.8	55.1	61.0	67.2	38.0	61.3	67.9	74.8
9.5	3/8	38.7	61.4	68.0	74.9	42.4	68.3	75.6	83.3
10		42.9	68.0	75.3	83.0	47.0	75.7	83.8	92.3
11		51.9	82.3	91.1	100	56.8	91.5	101	112
11.1	7/16	52.9	83.8	92.8	102	57.9	93.2	103	114
12		61.8	97.92	108	119	67.6	109	121	133
12.7	1/2	69.2	110	121	134	75.7	122	135	149
13		72.5	115	127	140	79.4	128	142	156
14		84.1	133	148	163	92.1	148	164	181
14.3	9/16	87.8	139	154	170	96.0	155	171	189
15.9	5/8	109	172	190	210	119	191	212	233
16		110	174	193	212	120	194	214	236
18		139	220	244	269	152	245	271	299
19		155	245	272	300	170	273	302	333
19.1	3/4	157	248	275	303	171	276	306	337
20		172	272	301	332	188	303	335	369
22		208	329	364	402	227	366	405	447
22.2	7/8	212	335	371	409	231	373	413	455
24		247	392	434	478	271	436	483	532
25.4	1	277	439	486	535	303	488	541	596
26		290	460	509	561	317	511	566	624
28		337	533	590	651	368	593	657	724
28.6	1 1/8	351	556	616	679	384	619	685	755
31.8	1 1/4	434	688	761	839	475	765	847	934
32		440	696	771	850	481	775	858	945
34.9	1 3/8	523	828	917	1011	572	922	1020	1125
35		526	833	922	1017	575	927	1026	1131
36		556	881	976	1075	609	981	1086	1197
38		620	982	1087	1198	678	1093	1210	1333
38.1	1 1/2	623	987	1093	1205	682	1098	1216	1340
40		687	1088	1205	1328	751	1211	1340	1477
41.3	1 5/8	732	1160	1284	1415	801	1291	1429	1575
44		831	1317	1458	1607	909	1465	1622	1787
44.5	1 3/4	850	1347	1491	1643	930	1498	1659	1828
45		869	1377	1525	1680	951	1532	1697	1870
47.6	1 7/8	973	1541	1706	1880	1064	1714	1898	2092
48		989	1567	1735	1912	1082	1743	1930	2127
50.8	2	1108	1755	1943	2142	1212	1952	2162	2383
51		1116	1769	1959	2158	1222	1968	2179	2401
52		1161	1839	2036	2244	1270	2046	2265	2497
54	2 1/8	1252	1983	2196	2420	1369	2206	2443	2692
56		1346	2133	2361	2602	1473	2373	2627	2895
57.2	2 1/4	1404	2225	2464	2715	1537	2475	2741	3021
60		1545	2448	2711	2987	1691	2658	2943	3244
60.3	2 3/8	1561	2473	2738	3017	1708	2685	2973	3276
62		1650	2614	2895	3190	1805	2838	3143	3464
63.5	2 1/2	1731	2742	3036	3346	1894	2977	3297	3633
64		1758	2785	3084	3399	1924	3024	3349	3691

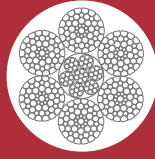
# 6xK55SWS



FC



WSC

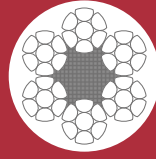


IWRC



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		3.86	6.12	6.78	7.47	4.23	6.81	7.54	8.31
4		6.87	10.9	12.0	13.3	7.51	12.1	13.4	14.8
5		10.7	17.0	18.8	20.7	11.7	18.9	20.9	23.1
6		15.5	24.5	27.1	29.9	16.9	27.2	30.2	33.2
6.35	1/4	17.3	27.4	30.4	33.5	18.9	30.5	33.8	37.2
7		21.0	33.3	36.9	40.7	23.0	37.1	41.1	45.2
7.94	5/16	27.1	42.9	47.5	52.3	29.6	47.7	52.8	58.2
8		27.5	43.5	48.2	53.1	30.1	48.4	53.6	59.1
9		34.8	55.1	61.0	67.2	38.0	61.3	67.9	74.8
9.5	3/8	38.7	61.4	68.0	74.9	42.4	68.3	75.6	83.3
10		42.9	68.0	75.3	83.0	47.0	75.7	83.8	92.3
11		51.9	82.3	91.1	100	56.8	91.5	101	112
11.1	7/16	52.9	83.8	92.8	102	57.9	93.2	103	114
12		61.8	97.92	108	119	67.6	109	121	133
12.7	1/2	69.2	110	121	134	75.7	122	135	149
13		72.5	115	127	140	79.4	128	142	156
14		84.1	133	148	163	92.1	148	164	181
14.3	9/16	87.8	139	154	170	96.0	155	171	189
15.9	5/8	109	172	190	210	119	191	212	233
16		110	174	193	212	120	194	214	236
18		139	220	244	269	152	245	271	299
19		155	245	272	300	170	273	302	333
19.1	3/4	157	248	275	303	171	276	306	337
20		172	272	301	332	188	303	335	369
22		208	329	364	402	227	366	405	447
22.2	7/8	212	335	371	409	231	373	413	455
24		247	392	434	478	271	436	483	532
25.4	1	277	439	486	535	303	488	541	596
26		290	460	509	561	317	511	566	624
28		337	533	590	651	368	593	657	724
28.6	1 1/8	351	556	616	679	384	619	685	755
31.8	1 1/4	434	688	761	839	475	765	847	934
32		440	696	771	850	481	775	858	945
34.9	1 3/8	523	828	917	1011	572	922	1020	1125
35		526	833	922	1017	575	927	1026	1131
36		556	881	976	1075	609	981	1086	1197
38		620	982	1087	1198	678	1093	1210	1333
38.1	1 1/2	623	987	1093	1205	682	1098	1216	1340
40		687	1088	1205	1328	751	1211	1340	1477
41.3	1 5/8	732	1160	1284	1415	801	1291	1429	1575
44		831	1317	1458	1607	909	1465	1622	1787
44.5	1 3/4	850	1347	1491	1643	930	1498	1659	1828
45		869	1377	1525	1680	951	1532	1697	1870
47.6	1 7/8	973	1541	1706	1880	1064	1714	1898	2092
48		989	1567	1735	1912	1082	1743	1930	2127
50.8	2	1108	1755	1943	2142	1212	1952	2162	2383
51		1116	1769	1959	2158	1222	1968	2179	2401
52		1161	1839	2036	2244	1270	2046	2265	2497
54	2 1/8	1252	1983	2196	2420	1369	2206	2443	2692
56		1346	2133	2361	2602	1473	2373	2627	2895
57.2	2 1/4	1404	2225	2464	2715	1537	2475	2741	3021
60		1545	2448	2711	2987	1691	2658	2943	3244
60.3	2 3/8	1561	2473	2738	3017	1708	2685	2973	3276
62		1650	2614	2895	3190	1805	2838	3143	3464
63.5	2 1/2	1731	2742	3036	3346	1894	2977	3297	3633
64		1758	2785	3084	3399	1924	3024	3349	3691

# 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		3.73	6.15	6.81	7.51
4		6.63	10.94	12.11	13.35
5		10.4	17.09	18.93	20.86
6		14.9	24.61	27.25	30.03
6.35	1/4	16.7	27.57	30.53	33.64
7		20.3	33.50	37.10	40.88
7.94	5/16	26.1	43.10	47.73	52.60
8		26.5	43.75	48.45	53.40
9		33.5	55.38	61.32	67.58
9.5	3/8	37.4	61.70	68.32	75.30
10		41.4	68.37	75.71	83.43
11		50.1	82.72	91.60	100.95
11.1	7/16	51.0	84.23	93.28	102.79
12		59.6	98.45	109.02	120.14
12.7	1/2	66.8	110.27	122.10	134.56
13		70.0	115.54	127.94	141.00
14		81.2	134.00	148.38	163.52
14.3	9/16	84.7	139.80	154.81	170.61
15.9	5/8	105	172.84	191.39	210.92
16		106	175.02	193.80	213.58
18		134	221.51	245.28	270.31
19		149	246.80	273.30	301.18
19.1	3/4	151	249.41	276.18	304.36
20		166	273.47	302.82	333.72
22		200	330.89	366.41	403.80
22.2	7/8	204	336.94	373.10	411.18
24		239	393.79	436.06	480.56
25.4	1	267	441.07	488.42	538.26
26		280	462.16	511.77	563.99
28		325	535.99	593.53	654.09
28.6	1 1/8	339	559.21	619.24	682.42
31.8	1 1/4	419	691.35	765.56	843.68
32		424	700.07	775.22	854.32
34.9	1 3/8	504	832.71	922.09	1016.19
35		507	837.49	927.39	1022.02
36		537	886.03	981.14	1081.25
38		598	987.21	1093.18	1204.73
38.1	1 1/2	601	992.41	1098.94	1211.08
40		663	1093.86	1211.28	1334.88
41.3	1 5/8	706	1166.12	1291.29	1423.06
44		802	1323.57	1465.65	1615.20
44.5	1 3/4	820	1353.82	1499.15	1652.12
45		839	1384.42	1533.03	1689.46
47.6	1 7/8	938	1549.02	1715.29	1890.32
48		954	1575.16	1744.24	1922.23
50.8	2	1069	1764.29	1953.67	2153.03
51		1077	1778.21	1969.09	2170.01
52		1120	1848.62	2047.06	2255.95
54	2 1/8	1208	1993.56	2207.56	2432.82
56		1299	2143.97	2374.11	2616.36
57.2	2 1/4	1355	2236.83	2476.95	2729.70
60		1491	2461.19	2725.38	3003.48
60.3	2 3/8	1506	2485.86	2752.70	3033.59
62		1592	2628.00	2910.10	3207.05
63.5	2 1/2	1670	2756.70	3052.61	3364.11
64		1696	2800.28	3100.88	3417.29

# 6xK61FWS

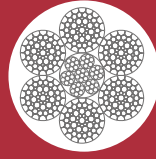


IWRC



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	1726	2632	2914	3212
62		1825	2782	3081	3395
63.5	2 1/2	1914	2918	3232	3561
64		1944	2965	3283	3618
68		2195	3347	3706	4084
69.8	2 3/4	2313	3526	3905	4303
72		2461	3752	4155	4579
76		2742	4180	4629	5102
76.2	3	2756	4203	4654	5129
80		3038	4632	5129	5653
82.6	3 1/4	3239	4938	5468	6026
84		3349	5107	5655	6232
88		3676	5605	6207	6840
88.9	3 1/2	3752	5720	6334	6980
92		4018	6126	6784	7476
95.3	3 3/4	4311	6573	7279	8022
96		4375	6670	7386	8140
100		4747	7238	8015	8832
101.6	4	4900	7471	8273	9117
104		5134	7828	8669	9553
105		5234	7980	8836	9738
106		5334	8132	9005	9924
107		5435	8286	9176	10112
108	4 1/4	5537	8442	9348	10302
110		5744	8758	9698	10687
112		5955	9079	10054	11079
114.3	4 1/2	6202	9456	10471	11539
116		6388	9739	10784	11885
120		6836	10422	11541	12719
124		7299	11129	12323	13581
130		8022	12232	13545	14927

# 6xK64SFS

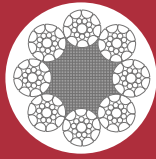


IWRC



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	1726	2632	2914	3212
62		1825	2782	3081	3395
63.5	2 1/2	1914	2918	3232	3561
64		1944	2965	3283	3618
68		2195	3347	3706	4084
69.8	2 3/4	2313	3526	3905	4303
72		2461	3752	4155	4579
76		2742	4180	4629	5102
76.2	3	2756	4203	4654	5129
80		3038	4632	5129	5653
82.6	3 1/4	3239	4938	5468	6026
84		3349	5107	5655	6232
88		3676	5605	6207	6840
88.9	3 1/2	3752	5720	6334	6980
92		4018	6126	6784	7476
95.3	3 3/4	4311	6573	7279	8022
96		4375	6670	7386	8140
100		4747	7238	8015	8832
101.6	4	4900	7471	8273	9117
104		5134	7828	8669	9553
105		5234	7980	8836	9738
106		5334	8132	9005	9924
107		5435	8286	9176	10112
108	4 1/4	5537	8442	9348	10302
110		5744	8758	9698	10687
112		5955	9079	10054	11079
114.3	4 1/2	6202	9456	10471	11539
116		6388	9739	10784	11885
120		6836	10422	11541	12719
124		7299	11129	12323	13581
130		8022	12232	13545	14927

# 8xK19S



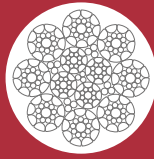
FC



WSC



IWRC

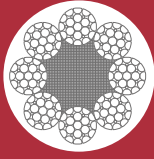


PWRC(K)



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		3.68	5.41	6.00	6.61	4.41	6.81	7.54	8.31	4.64	7.22	7.99	8.81
4		6.54	9.63	10.7	11.7	7.84	12.1	13.4	14.8	8.24	12.8	14.2	15.7
5		10.2	15.0	16.7	18.4	12.2	18.9	20.9	23.1	12.9	20.1	22.2	24.5
6		14.7	21.7	24.0	26.4	17.6	27.2	30.2	33.2	18.5	28.9	32.0	35.2
6.35	1/4	16.5	24.3	26.9	29.6	19.8	30.5	33.8	37.2	20.8	32.3	35.8	39.5
7		20.0	29.5	32.6	36.0	24.0	37.1	41.1	45.2	25.2	39.3	43.5	48.0
7.94	5/16	25.8	37.9	42.0	46.3	30.9	47.7	52.8	58.2	32.5	50.6	56.0	61.7
8		26.2	38.5	42.6	47.0	31.4	48.4	53.6	59.1	33.0	51.3	56.8	62.7
9		33.1	48.7	54.0	59.5	39.7	61.3	67.9	74.8	41.7	65.0	72.0	79.3
9.5	3/8	36.9	54.3	60.1	66.3	44.2	68.3	75.6	83.3	46.5	72.4	80.2	88.3
10		40.9	60.2	66.6	73.4	49.0	75.7	83.8	92.3	51.5	80.2	88.8	97.9
11		49.5	72.8	80.6	88.8	59.3	91.5	101	112	62.3	97.1	107	118
11.1	7/16	50.4	74.1	82.1	90.5	60.4	93.2	103	114	63.5	98.8	109	121
12		58.9	86.6	95.9	106	70.5	109	121	133	74.2	116	128	141
12.7	1/2	66.0	97.0	107	118	79.0	122	135	149	83.1	129	143	158
13		69.1	102	113	124	82.8	128	142	156	87.1	136	150	165
14		80.2	118	131	144	96.0	148	164	181	101	157	174	192
14.3	9/16	83.6	123	136	150	100	155	171	189	105	164	182	200
15.9	5/8	103	152	168	186	124	191	212	233	130	203	225	247
16		105	154	171	188	125	194	214	236	132	205	227	251
18		133	195	216	238	159	245	271	299	167	260	288	317
19		148	217	240	265	177	273	302	333	186	290	321	353
19.1	3/4	149	219	243	268	179	276	306	337	188	293	324	357
20		164	241	266	294	196	303	335	369	206	321	355	392
22		198	291	322	355	237	366	405	447	249	388	430	474
22.2	7/8	202	297	328	362	241	373	413	455	254	395	438	482
24		236	347	384	423	282	436	483	532	297	462	512	564
25.4	1	264	388	430	474	316	488	541	596	332	518	573	632
26		277	407	450	496	331	511	566	624	348	542	600	662
28		321	472	522	576	384	593	657	724	404	629	696	767
28.6	1 1/8	335	492	545	601	401	619	685	755	421	656	727	801
31.8	1 1/4	414	608	674	742	495	765	847	934	521	811	898	990
32		419	616	682	752	502	775	858	945	527	821	910	1002
34.9	1 3/8	498	733	811	894	597	922	1020	1125	627	977	1082	1192
35		501	737	816	899	600	927	1026	1131	631	983	1088	1199
36		530	780	863	952	635	981	1086	1197	668	1040	1151	1269
38		591	869	962	1060	707	1093	1210	1333	744	1158	1283	1414
38.1	1 1/2	594	873	967	1066	711	1098	1216	1340	748	1164	1289	1421
40		654	963	1066	1175	784	1211	1340	1477	824	1283	1421	1566
41.3	1 5/8	698	1026	1136	1252	836	1291	1429	1575	879	1368	1515	1670
44		792	1165	1290	1421	948	1465	1622	1787	997	1553	1720	1895
44.5	1 3/4	810	1191	1319	1454	970	1498	1659	1828	1020	1588	1759	1938
45		828	1218	1349	1487	992	1532	1697	1870	1043	1624	1799	1982
47.6	1 7/8	927	1363	1509	1663	1110	1714	1898	2092	1167	1818	2013	2218
48		942	1386	1535	1692	1129	1743	1930	2127	1187	1848	2047	2255
50.8	2	1056	1553	1719	1895	1264	1952	2162	2383	1329	2070	2292	2526
51		1064	1565	1733	1910	1274	1968	2179	2401	1340	2086	2310	2546
52		1106	1627	1801	1985	1325	2046	2265	2497	1393	2169	2402	2647
54	2 1/8	1193	1754	1943	2141	1428	2206	2443	2692	1502	2339	2590	2855
56		1283	1887	2089	2302	1536	2373	2627	2895	1615	2516	2786	3070
57.2	2 1/4	1338	1968	2180	2402	1603	2475	2741	3021	1685	2625	2906	3203
60		1473	2166	2398	2643	1727	2658	2943	3244	1854	2888	3198	3524
60.3	2 3/8	1487	2188	2422	2670	1744	2685	2973	3276	1873	2917	3230	3559
62		1572	2313	2561	2822	1844	2838	3143	3464	1980	3084	3415	3763
63.5	2 1/2	1649	2426	2686	2960	1934	2977	3297	3633	2077	3235	3582	3947
64		1675	2464	2729	3007	1965	3024	3349	3691	2110	3286	3638	4010

# 8xK25Fi



FC



WSC

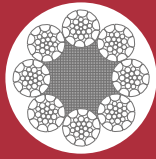


IWRC



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		3.68	5.41	6.00	6.61	4.41	6.81	7.54	8.31
4		6.54	9.63	10.7	11.7	7.84	12.1	13.4	14.8
5		10.2	15.0	16.7	18.4	12.2	18.9	20.9	23.1
6		14.7	21.7	24.0	26.4	17.6	27.2	30.2	33.2
6.35	1/4	16.5	24.3	26.9	29.6	19.8	30.5	33.8	37.2
7		20.0	29.5	32.6	36.0	24.0	37.1	41.1	45.2
7.94	5/16	25.8	37.9	42.0	46.3	30.9	47.7	52.8	58.2
8		26.2	38.5	42.6	47.0	31.4	48.4	53.6	59.1
9		33.1	48.7	54.0	59.5	39.7	61.3	67.9	74.8
9.5	3/8	36.9	54.3	60.1	66.3	44.2	68.3	75.6	83.3
10		40.9	60.2	66.6	73.4	49.0	75.7	83.8	92.3
11		49.5	72.8	80.6	88.8	59.3	91.5	101	112
11.1	7/16	50.4	74.1	82.1	90.5	60.4	93.2	103	114
12		58.9	86.6	95.9	106	70.5	109	121	133
12.7	1/2	66.0	97.0	107	118	79.0	122	135	149
13		69.1	102	113	124	82.8	128	142	156
14		80.2	118	131	144	96.0	148	164	181
14.3	9/16	83.6	123	136	150	100	155	171	189
15.9	5/8	103	152	168	186	124	191	212	233
16		105	154	171	188	125	194	214	236
18		133	195	216	238	159	245	271	299
19		148	217	240	265	177	273	302	333
19.1	3/4	149	219	243	268	179	276	306	337
20		164	241	266	294	196	303	335	369
22		198	291	322	355	237	366	405	447
22.2	7/8	202	297	328	362	241	373	413	455
24		236	347	384	423	282	436	483	532
25.4	1	264	388	430	474	316	488	541	596
26		277	407	450	496	331	511	566	624
28		321	472	522	576	384	593	657	724
28.6	1 1/8	335	492	545	601	401	619	685	755
31.8	1 1/4	414	608	674	742	495	765	847	934
32		419	616	682	752	502	775	858	945
34.9	1 3/8	498	733	811	894	597	922	1020	1125
35		501	737	816	899	600	927	1026	1131
36		530	780	863	952	635	981	1086	1197
38		591	869	962	1060	707	1093	1210	1333
38.1	1 1/2	594	873	967	1066	711	1098	1216	1340
40		654	963	1066	1175	784	1211	1340	1477
41.3	1 5/8	698	1026	1136	1252	836	1291	1429	1575
44		792	1165	1290	1421	948	1465	1622	1787
44.5	1 3/4	810	1191	1319	1454	970	1498	1659	1828
45		828	1218	1349	1487	992	1532	1697	1870
47.6	1 7/8	927	1363	1509	1663	1110	1714	1898	2092
48		942	1386	1535	1692	1129	1743	1930	2127
50.8	2	1056	1553	1719	1895	1264	1952	2162	2383
51		1064	1565	1733	1910	1274	1968	2179	2401
52		1106	1627	1801	1985	1325	2046	2265	2497
54	2 1/8	1193	1754	1943	2141	1428	2206	2443	2692
56		1283	1887	2089	2302	1536	2373	2627	2895
57.2	2 1/4	1338	1968	2180	2402	1603	2475	2741	3021
60		1473	2166	2398	2643	1727	2658	2943	3244
60.3	2 3/8	1487	2188	2422	2670	1744	2685	2973	3276
62		1572	2313	2561	2822	1844	2838	3143	3464
63.5	2 1/2	1649	2426	2686	2960	1934	2977	3297	3633
64		1675	2464	2729	3007	1965	3024	3349	3691

# 8xK26WS



FC



WSC



IWRC

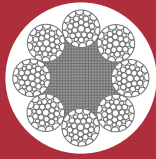


PWRC(K)

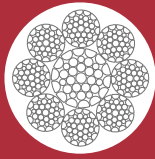


Nominal rope		Nominal tensile strength (MPa)											
		Minimum breaking load (kN)											
Size		FC				IWRC/WSC (≤12mmWSC)				PWRC(K)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.68	5.41	6.00	6.61	4.41	6.81	7.54	8.31	4.64	7.22	7.99	8.81
4		6.54	9.63	10.7	11.7	7.84	12.1	13.4	14.8	8.24	12.8	14.2	15.7
5		10.2	15.0	16.7	18.4	12.2	18.9	20.9	23.1	12.9	20.1	22.2	24.5
6		14.7	21.7	24.0	26.4	17.6	27.2	30.2	33.2	18.5	28.9	32.0	35.2
6.35	1/4	16.5	24.3	26.9	29.6	19.8	30.5	33.8	37.2	20.8	32.3	35.8	39.5
7		20.0	29.5	32.6	36.0	24.0	37.1	41.1	45.2	25.2	39.3	43.5	48.0
7.94	5/16	25.8	37.9	42.0	46.3	30.9	47.7	52.8	58.2	32.5	50.6	56.0	61.7
8		26.2	38.5	42.6	47.0	31.4	48.4	53.6	59.1	33.0	51.3	56.8	62.7
9		33.1	48.7	54.0	59.5	39.7	61.3	67.9	74.8	41.7	65.0	72.0	79.3
9.5	3/8	36.9	54.3	60.1	66.3	44.2	68.3	75.6	83.3	46.5	72.4	80.2	88.3
10		40.9	60.2	66.6	73.4	49.0	75.7	83.8	92.3	51.5	80.2	88.8	97.9
11		49.5	72.8	80.6	88.8	59.3	91.5	101	112	62.3	97.1	107	118
11.1	7/16	50.4	74.1	82.1	90.5	60.4	93.2	103	114	63.5	98.8	109	121
12		58.9	86.6	95.9	106	70.5	109	121	133	74.2	116	128	141
12.7	1/2	66.0	97.0	107	118	79.0	122	135	149	83.1	129	143	158
13		69.1	102	113	124	82.8	128	142	156	87.1	136	150	165
14		80.2	118	131	144	96.0	148	164	181	101	157	174	192
14.3	9/16	83.6	123	136	150	100	155	171	189	105	164	182	200
15.9	5/8	103	152	168	186	124	191	212	233	130	203	225	247
16		105	154	171	188	125	194	214	236	132	205	227	251
18		133	195	216	238	159	245	271	299	167	260	288	317
19		148	217	240	265	177	273	302	333	186	290	321	353
19.1	3/4	149	219	243	268	179	276	306	337	188	293	324	357
20		164	241	266	294	196	303	335	369	206	321	355	392
22		198	291	322	355	237	366	405	447	249	388	430	474
22.2	7/8	202	297	328	362	241	373	413	455	254	395	438	482
24		236	347	384	423	282	436	483	532	297	462	512	564
25.4	1	264	388	430	474	316	488	541	596	332	518	573	632
26		277	407	450	496	331	511	566	624	348	542	600	662
28		321	472	522	576	384	593	657	724	404	629	696	767
28.6	1 1/8	335	492	545	601	401	619	685	755	421	656	727	801
31.8	1 1/4	414	608	674	742	495	765	847	934	521	811	898	990
32		419	616	682	752	502	775	858	945	527	821	910	1002
34.9	1 3/8	498	733	811	894	597	922	1020	1125	627	977	1082	1192
35		501	737	816	899	600	927	1026	1131	631	983	1088	1199
36		530	780	863	952	635	981	1086	1197	668	1040	1151	1269
38		591	869	962	1060	707	1093	1210	1333	744	1158	1283	1414
38.1	1 1/2	594	873	967	1066	711	1098	1216	1340	748	1164	1289	1421
40		654	963	1066	1175	784	1211	1340	1477	824	1283	1421	1566
41.3	1 5/8	698	1026	1136	1252	836	1291	1429	1575	879	1368	1515	1670
44		792	1165	1290	1421	948	1465	1622	1787	997	1553	1720	1895
44.5	1 3/4	810	1191	1319	1454	970	1498	1659	1828	1020	1588	1759	1938
45		828	1218	1349	1487	992	1532	1697	1870	1043	1624	1799	1982
47.6	1 7/8	927	1363	1509	1663	1110	1714	1898	2092	1167	1818	2013	2218
48		942	1386	1535	1692	1129	1743	1930	2127	1187	1848	2047	2255
50.8	2	1056	1553	1719	1895	1264	1952	2162	2383	1329	2070	2292	2526
51		1064	1565	1733	1910	1274	1968	2179	2401	1340	2086	2310	2546
52		1106	1627	1801	1985	1325	2046	2265	2497	1393	2169	2402	2647
54	2 1/8	1193	1754	1943	2141	1428	2206	2443	2692	1502	2339	2590	2855
56		1283	1887	2089	2302	1536	2373	2627	2895	1615	2516	2786	3070
57.2	2 1/4	1338	1968	2180	2402	1603	2475	2741	3021	1685	2625	2906	3203
60		1473	2166	2398	2643	1727	2658	2943	3244	1854	2888	3198	3524
60.3	2 3/8	1487	2188	2422	2670	1744	2685	2973	3276	1873	2917	3230	3559
62		1572	2313	2561	2822	1844	2838	3143	3464	1980	3084	3415	3763
63.5	2 1/2	1649	2426	2686	2960	1934	2977	3297	3633	2077	3235	3582	3947
64		1675	2464	2729	3007	1965	3024	3349	3691	2110	3286	3638	4010

# 8xK36WS



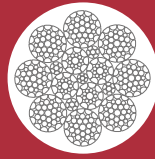
FC



WSC



IWRC

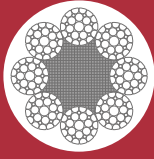


PWRC(K)



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		3.68	5.41	6.00	6.61	4.41	6.81	7.54	8.31	4.64	7.22	7.99	8.81
4		6.54	9.63	10.7	11.7	7.84	12.1	13.4	14.8	8.24	12.8	14.2	15.7
5		10.2	15.0	16.7	18.4	12.2	18.9	20.9	23.1	12.9	20.1	22.2	24.5
6		14.7	21.7	24.0	26.4	17.6	27.2	30.2	33.2	18.5	28.9	32.0	35.2
6.35	1/4	16.5	24.3	26.9	29.6	19.8	30.5	33.8	37.2	20.8	32.3	35.8	39.5
7		20.0	29.5	32.6	36.0	24.0	37.1	41.1	45.2	25.2	39.3	43.5	48.0
7.94	5/16	25.8	37.9	42.0	46.3	30.9	47.7	52.8	58.2	32.5	50.6	56.0	61.7
8		26.2	38.5	42.6	47.0	31.4	48.4	53.6	59.1	33.0	51.3	56.8	62.7
9		33.1	48.7	54.0	59.5	39.7	61.3	67.9	74.8	41.7	65.0	72.0	79.3
9.5	3/8	36.9	54.3	60.1	66.3	44.2	68.3	75.6	83.3	46.5	72.4	80.2	88.3
10		40.9	60.2	66.6	73.4	49.0	75.7	83.8	92.3	51.5	80.2	88.8	97.9
11		49.5	72.8	80.6	88.8	59.3	91.5	101	112	62.3	97.1	107	118
11.1	7/16	50.4	74.1	82.1	90.5	60.4	93.2	103	114	63.5	98.8	109	121
12		58.9	86.6	95.9	106	70.5	109	121	133	74.2	116	128	141
12.7	1/2	66.0	97.0	107	118	79.0	122	135	149	83.1	129	143	158
13		69.1	102	113	124	82.8	128	142	156	87.1	136	150	165
14		80.2	118	131	144	96.0	148	164	181	101	157	174	192
14.3	9/16	83.6	123	136	150	100	155	171	189	105	164	182	200
15.9	5/8	103	152	168	186	124	191	212	233	130	203	225	247
16		105	154	171	188	125	194	214	236	132	205	227	251
18		133	195	216	238	159	245	271	299	167	260	288	317
19		148	217	240	265	177	273	302	333	186	290	321	353
19.1	3/4	149	219	243	268	179	276	306	337	188	293	324	357
20		164	241	266	294	196	303	335	369	206	321	355	392
22		198	291	322	355	237	366	405	447	249	388	430	474
22.2	7/8	202	297	328	362	241	373	413	455	254	395	438	482
24		236	347	384	423	282	436	483	532	297	462	512	564
25.4	1	264	388	430	474	316	488	541	596	332	518	573	632
26		277	407	450	496	331	511	566	624	348	542	600	662
28		321	472	522	576	384	593	657	724	404	629	696	767
28.6	1 1/8	335	492	545	601	401	619	685	755	421	656	727	801
31.8	1 1/4	414	608	674	742	495	765	847	934	521	811	898	990
32		419	616	682	752	502	775	858	945	527	821	910	1002
34.9	1 3/8	498	733	811	894	597	922	1020	1125	627	977	1082	1192
35		501	737	816	899	600	927	1026	1131	631	983	1088	1199
36		530	780	863	952	635	981	1086	1197	668	1040	1151	1269
38		591	869	962	1060	707	1093	1210	1333	744	1158	1283	1414
38.1	1 1/2	594	873	967	1066	711	1098	1216	1340	748	1164	1289	1421
40		654	963	1066	1175	784	1211	1340	1477	824	1283	1421	1566
41.3	1 5/8	698	1026	1136	1252	836	1291	1429	1575	879	1368	1515	1670
44		792	1165	1290	1421	948	1465	1622	1787	997	1553	1720	1895
44.5	1 3/4	810	1191	1319	1454	970	1498	1659	1828	1020	1588	1759	1938
45		828	1218	1349	1487	992	1532	1697	1870	1043	1624	1799	1982
47.6	1 7/8	927	1363	1509	1663	1110	1714	1898	2092	1167	1818	2013	2218
48		942	1386	1535	1692	1129	1743	1930	2127	1187	1848	2047	2255
50.8	2	1056	1553	1719	1895	1264	1952	2162	2383	1329	2070	2292	2526
51		1064	1565	1733	1910	1274	1968	2179	2401	1340	2086	2310	2546
52		1106	1627	1801	1985	1325	2046	2265	2497	1393	2169	2402	2647
54	2 1/8	1193	1754	1943	2141	1428	2206	2443	2692	1502	2339	2590	2855
56		1283	1887	2089	2302	1536	2373	2627	2895	1615	2516	2786	3070
57.2	2 1/4	1338	1968	2180	2402	1603	2475	2741	3021	1685	2625	2906	3203
60		1473	2166	2398	2643	1727	2658	2943	3244	1854	2888	3198	3524
60.3	2 3/8	1487	2188	2422	2670	1744	2685	2973	3276	1873	2917	3230	3559
62		1572	2313	2561	2822	1844	2838	3143	3464	1980	3084	3415	3763
63.5	2 1/2	1649	2426	2686	2960	1934	2977	3297	3633	2077	3235	3582	3947
64		1675	2464	2729	3007	1965	3024	3349	3691	2110	3286	3638	4010

# 8xK29Fi



FC



WSC

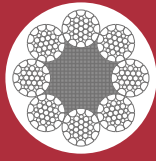


IWRC



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		3.68	5.41	6.00	6.61	4.41	6.81	7.54	8.31
4		6.54	9.63	10.7	11.7	7.84	12.1	13.4	14.8
5		10.2	15.0	16.7	18.4	12.2	18.9	20.9	23.1
6		14.7	21.7	24.0	26.4	17.6	27.2	30.2	33.2
6.35	1/4	16.5	24.3	26.9	29.6	19.8	30.5	33.8	37.2
7		20.0	29.5	32.6	36.0	24.0	37.1	41.1	45.2
7.94	5/16	25.8	37.9	42.0	46.3	30.9	47.7	52.8	58.2
8		26.2	38.5	42.6	47.0	31.4	48.4	53.6	59.1
9		33.1	48.7	54.0	59.5	39.7	61.3	67.9	74.8
9.5	3/8	36.9	54.3	60.1	66.3	44.2	68.3	75.6	83.3
10		40.9	60.2	66.6	73.4	49.0	75.7	83.8	92.3
11		49.5	72.8	80.6	88.8	59.3	91.5	101	112
11.1	7/16	50.4	74.1	82.1	90.5	60.4	93.2	103	114
12		58.9	86.6	95.9	106	70.5	109	121	133
12.7	1/2	66.0	97.0	107	118	79.0	122	135	149
13		69.1	102	113	124	82.8	128	142	156
14		80.2	118	131	144	96.0	148	164	181
14.3	9/16	83.6	123	136	150	100	155	171	189
15.9	5/8	103	152	168	186	124	191	212	233
16		105	154	171	188	125	194	214	236
18		133	195	216	238	159	245	271	299
19		148	217	240	265	177	273	302	333
19.1	3/4	149	219	243	268	179	276	306	337
20		164	241	266	294	196	303	335	369
22		198	291	322	355	237	366	405	447
22.2	7/8	202	297	328	362	241	373	413	455
24		236	347	384	423	282	436	483	532
25.4	1	264	388	430	474	316	488	541	596
26		277	407	450	496	331	511	566	624
28		321	472	522	576	384	593	657	724
28.6	1 1/8	335	492	545	601	401	619	685	755
31.8	1 1/4	414	608	674	742	495	765	847	934
32		419	616	682	752	502	775	858	945
34.9	1 3/8	498	733	811	894	597	922	1020	1125
35		501	737	816	899	600	927	1026	1131
36		530	780	863	952	635	981	1086	1197
38		591	869	962	1060	707	1093	1210	1333
38.1	1 1/2	594	873	967	1066	711	1098	1216	1340
40		654	963	1066	1175	784	1211	1340	1477
41.3	1 5/8	698	1026	1136	1252	836	1291	1429	1575
44		792	1165	1290	1421	948	1465	1622	1787
44.5	1 3/4	810	1191	1319	1454	970	1498	1659	1828
45		828	1218	1349	1487	992	1532	1697	1870
47.6	1 7/8	927	1363	1509	1663	1110	1714	1898	2092
48		942	1386	1535	1692	1129	1743	1930	2127
50.8	2	1056	1553	1719	1895	1264	1952	2162	2383
51		1064	1565	1733	1910	1274	1968	2179	2401
52		1106	1627	1801	1985	1325	2046	2265	2497
54	2 1/8	1193	1754	1943	2141	1428	2206	2443	2692
56		1283	1887	2089	2302	1536	2373	2627	2895
57.2	2 1/4	1338	1968	2180	2402	1603	2475	2741	3021
60		1473	2166	2398	2643	1727	2658	2943	3244
60.3	2 3/8	1487	2188	2422	2670	1744	2685	2973	3276
62		1572	2313	2561	2822	1844	2838	3143	3464
63.5	2 1/2	1649	2426	2686	2960	1934	2977	3297	3633
64		1675	2464	2729	3007	1965	3024	3349	3691

# 8xK31WS



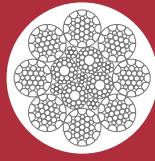
FC



WSC



IWRC

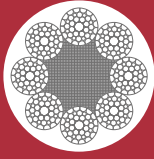


PWRC(K)

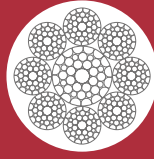


Nominal rope		Nominal tensile strength (MPa)											
		Minimum breaking load (kN)											
		FC				IWRC/WSC (≤12mmWSC)				PWRC(K)			
Size		FC				IWRC/WSC (≤12mmWSC)				PWRC(K)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <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		3.68	5.41	6.00	6.61	4.41	6.81	7.54	8.31	4.64	7.22	7.99	8.81
4		6.54	9.63	10.7	11.7	7.84	12.1	13.4	14.8	8.24	12.8	14.2	15.7
5		10.2	15.0	16.7	18.4	12.2	18.9	20.9	23.1	12.9	20.1	22.2	24.5
6		14.7	21.7	24.0	26.4	17.6	27.2	30.2	33.2	18.5	28.9	32.0	35.2
6.35	1/4	16.5	24.3	26.9	29.6	19.8	30.5	33.8	37.2	20.8	32.3	35.8	39.5
7		20.0	29.5	32.6	36.0	24.0	37.1	41.1	45.2	25.2	39.3	43.5	48.0
7.94	5/16	25.8	37.9	42.0	46.3	30.9	47.7	52.8	58.2	32.5	50.6	56.0	61.7
8		26.2	38.5	42.6	47.0	31.4	48.4	53.6	59.1	33.0	51.3	56.8	62.7
9		33.1	48.7	54.0	59.5	39.7	61.3	67.9	74.8	41.7	65.0	72.0	79.3
9.5	3/8	36.9	54.3	60.1	66.3	44.2	68.3	75.6	83.3	46.5	72.4	80.2	88.3
10		40.9	60.2	66.6	73.4	49.0	75.7	83.8	92.3	51.5	80.2	88.8	97.9
11		49.5	72.8	80.6	88.8	59.3	91.5	101	112	62.3	97.1	107	118
11.1	7/16	50.4	74.1	82.1	90.5	60.4	93.2	103	114	63.5	98.8	109	121
12		58.9	86.6	95.9	106	70.5	109	121	133	74.2	116	128	141
12.7	1/2	66.0	97.0	107	118	79.0	122	135	149	83.1	129	143	158
13		69.1	102	113	124	82.8	128	142	156	87.1	136	150	165
14		80.2	118	131	144	96.0	148	164	181	101	157	174	192
14.3	9/16	83.6	123	136	150	100	155	171	189	105	164	182	200
15.9	5/8	103	152	168	186	124	191	212	233	130	203	225	247
16		105	154	171	188	125	194	214	236	132	205	227	251
18		133	195	216	238	159	245	271	299	167	260	288	317
19		148	217	240	265	177	273	302	333	186	290	321	353
19.1	3/4	149	219	243	268	179	276	306	337	188	293	324	357
20		164	241	266	294	196	303	335	369	206	321	355	392
22		198	291	322	355	237	366	405	447	249	388	430	474
22.2	7/8	202	297	328	362	241	373	413	455	254	395	438	482
24		236	347	384	423	282	436	483	532	297	462	512	564
25.4	1	264	388	430	474	316	488	541	596	332	518	573	632
26		277	407	450	496	331	511	566	624	348	542	600	662
28		321	472	522	576	384	593	657	724	404	629	696	767
28.6	1 1/8	335	492	545	601	401	619	685	755	421	656	727	801
31.8	1 1/4	414	608	674	742	495	765	847	934	521	811	898	990
32		419	616	682	752	502	775	858	945	527	821	910	1002
34.9	1 3/8	498	733	811	894	597	922	1020	1125	627	977	1082	1192
35		501	737	816	899	600	927	1026	1131	631	983	1088	1199
36		530	780	863	952	635	981	1086	1197	668	1040	1151	1269
38		591	869	962	1060	707	1093	1210	1333	744	1158	1283	1414
38.1	1 1/2	594	873	967	1066	711	1098	1216	1340	748	1164	1289	1421
40		654	963	1066	1175	784	1211	1340	1477	824	1283	1421	1566
41.3	1 5/8	698	1026	1136	1252	836	1291	1429	1575	879	1368	1515	1670
44		792	1165	1290	1421	948	1465	1622	1787	997	1553	1720	1895
44.5	1 3/4	810	1191	1319	1454	970	1498	1659	1828	1020	1588	1759	1938
45		828	1218	1349	1487	992	1532	1697	1870	1043	1624	1799	1982
47.6	1 7/8	927	1363	1509	1663	1110	1714	1898	2092	1167	1818	2013	2218
48		942	1386	1535	1692	1129	1743	1930	2127	1187	1848	2047	2255
50.8	2	1056	1553	1719	1895	1264	1952	2162	2383	1329	2070	2292	2526
51		1064	1565	1733	1910	1274	1968	2179	2401	1340	2086	2310	2546
52		1106	1627	1801	1985	1325	2046	2265	2497	1393	2169	2402	2647
54	2 1/8	1193	1754	1943	2141	1428	2206	2443	2692	1502	2339	2590	2855
56		1283	1887	2089	2302	1536	2373	2627	2895	1615	2516	2786	3070
57.2	2 1/4	1338	1968	2180	2402	1603	2475	2741	3021	1685	2625	2906	3203
60		1473	2166	2398	2643	1727	2658	2943	3244	1854	2888	3198	3524
60.3	2 3/8	1487	2188	2422	2670	1744	2685	2973	3276	1873	2917	3230	3559
62		1572	2313	2561	2822	1844	2838	3143	3464	1980	3084	3415	3763
63.5	2 1/2	1649	2426	2686	2960	1934	2977	3297	3633	2077	3235	3582	3947
64		1675	2464	2729	3007	1965	3024	3349	3691	2110	3286	3638	4010

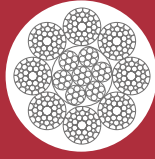
# 8xK41WS



FC



WSC

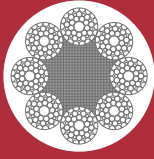


IWRC

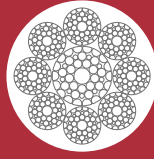


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤12mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.68	5.41	6.00	6.61	4.41	6.81	7.54	8.31
4		6.54	9.63	10.7	11.7	7.84	12.1	13.4	14.8
5		10.2	15.0	16.7	18.4	12.2	18.9	20.9	23.1
6		14.7	21.7	24.0	26.4	17.6	27.2	30.2	33.2
6.35	1/4	16.5	24.3	26.9	29.6	19.8	30.5	33.8	37.2
7		20.0	29.5	32.6	36.0	24.0	37.1	41.1	45.2
7.94	5/16	25.8	37.9	42.0	46.3	30.9	47.7	52.8	58.2
8		26.2	38.5	42.6	47.0	31.4	48.4	53.6	59.1
9		33.1	48.7	54.0	59.5	39.7	61.3	67.9	74.8
9.5	3/8	36.9	54.3	60.1	66.3	44.2	68.3	75.6	83.3
10		40.9	60.2	66.6	73.4	49.0	75.7	83.8	92.3
11		49.5	72.8	80.6	88.8	59.3	91.5	101	112
11.1	7/16	50.4	74.1	82.1	90.5	60.4	93.2	103	114
12		58.9	86.6	95.9	106	70.5	109	121	133
12.7	1/2	66.0	97.0	107	118	79.0	122	135	149
13		69.1	102	113	124	82.8	128	142	156
14		80.2	118	131	144	96.0	148	164	181
14.3	9/16	83.6	123	136	150	100	155	171	189
15.9	5/8	103	152	168	186	124	191	212	233
16		105	154	171	188	125	194	214	236
18		133	195	216	238	159	245	271	299
19		148	217	240	265	177	273	302	333
19.1	3/4	149	219	243	268	179	276	306	337
20		164	241	266	294	196	303	335	369
22		198	291	322	355	237	366	405	447
22.2	7/8	202	297	328	362	241	373	413	455
24		236	347	384	423	282	436	483	532
25.4	1	264	388	430	474	316	488	541	596
26		277	407	450	496	331	511	566	624
28		321	472	522	576	384	593	657	724
28.6	1 1/8	335	492	545	601	401	619	685	755
31.8	1 1/4	414	608	674	742	495	765	847	934
32		419	616	682	752	502	775	858	945
34.9	1 3/8	498	733	811	894	597	922	1020	1125
35		501	737	816	899	600	927	1026	1131
36		530	780	863	952	635	981	1086	1197
38		591	869	962	1060	707	1093	1210	1333
38.1	1 1/2	594	873	967	1066	711	1098	1216	1340
40		654	963	1066	1175	784	1211	1340	1477
41.3	1 5/8	698	1026	1136	1252	836	1291	1429	1575
44		792	1165	1290	1421	948	1465	1622	1787
44.5	1 3/4	810	1191	1319	1454	970	1498	1659	1828
45		828	1218	1349	1487	992	1532	1697	1870
47.6	1 7/8	927	1363	1509	1663	1110	1714	1898	2092
48		942	1386	1535	1692	1129	1743	1930	2127
50.8	2	1056	1553	1719	1895	1264	1952	2162	2383
51		1064	1565	1733	1910	1274	1968	2179	2401
52		1106	1627	1801	1985	1325	2046	2265	2497
54	2 1/8	1193	1754	1943	2141	1428	2206	2443	2692
56		1283	1887	2089	2302	1536	2373	2627	2895
57.2	2 1/4	1338	1968	2180	2402	1603	2475	2741	3021
60		1473	2166	2398	2643	1727	2658	2943	3244
60.3	2 3/8	1487	2188	2422	2670	1744	2685	2973	3276
62		1572	2313	2561	2822	1844	2838	3143	3464
63.5	2 1/2	1649	2426	2686	2960	1934	2977	3297	3633
64		1675	2464	2729	3007	1965	3024	3349	3691

# 8xK46WS



FC



WSC

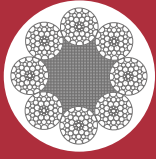


IWRC

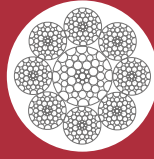


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤12mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.68	5.41	6.00	6.61	4.41	6.81	7.54	8.31
4		6.54	9.63	10.7	11.7	7.84	12.1	13.4	14.8
5		10.2	15.0	16.7	18.4	12.2	18.9	20.9	23.1
6		14.7	21.7	24.0	26.4	17.6	27.2	30.2	33.2
6.35	1/4	16.5	24.3	26.9	29.6	19.8	30.5	33.8	37.2
7		20.0	29.5	32.6	36.0	24.0	37.1	41.1	45.2
7.94	5/16	25.8	37.9	42.0	46.3	30.9	47.7	52.8	58.2
8		26.2	38.5	42.6	47.0	31.4	48.4	53.6	59.1
9		33.1	48.7	54.0	59.5	39.7	61.3	67.9	74.8
9.5	3/8	36.9	54.3	60.1	66.3	44.2	68.3	75.6	83.3
10		40.9	60.2	66.6	73.4	49.0	75.7	83.8	92.3
11		49.5	72.8	80.6	88.8	59.3	91.5	101	112
11.1	7/16	50.4	74.1	82.1	90.5	60.4	93.2	103	114
12		58.9	86.6	95.9	106	70.5	109	121	133
12.7	1/2	66.0	97.0	107	118	79.0	122	135	149
13		69.1	102	113	124	82.8	128	142	156
14		80.2	118	131	144	96.0	148	164	181
14.3	9/16	83.6	123	136	150	100	155	171	189
15.9	5/8	103	152	168	186	124	191	212	233
16		105	154	171	188	125	194	214	236
18		133	195	216	238	159	245	271	299
19		148	217	240	265	177	273	302	333
19.1	3/4	149	219	243	268	179	276	306	337
20		164	241	266	294	196	303	335	369
22		198	291	322	355	237	366	405	447
22.2	7/8	202	297	328	362	241	373	413	455
24		236	347	384	423	282	436	483	532
25.4	1	264	388	430	474	316	488	541	596
26		277	407	450	496	331	511	566	624
28		321	472	522	576	384	593	657	724
28.6	1 1/8	335	492	545	601	401	619	685	755
31.8	1 1/4	414	608	674	742	495	765	847	934
32		419	616	682	752	502	775	858	945
34.9	1 3/8	498	733	811	894	597	922	1020	1125
35		501	737	816	899	600	927	1026	1131
36		530	780	863	952	635	981	1086	1197
38		591	869	962	1060	707	1093	1210	1333
38.1	1 1/2	594	873	967	1066	711	1098	1216	1340
40		654	963	1066	1175	784	1211	1340	1477
41.3	1 5/8	698	1026	1136	1252	836	1291	1429	1575
44		792	1165	1290	1421	948	1465	1622	1787
44.5	1 3/4	810	1191	1319	1454	970	1498	1659	1828
45		828	1218	1349	1487	992	1532	1697	1870
47.6	1 7/8	927	1363	1509	1663	1110	1714	1898	2092
48		942	1386	1535	1692	1129	1743	1930	2127
50.8	2	1056	1553	1719	1895	1264	1952	2162	2383
51		1064	1565	1733	1910	1274	1968	2179	2401
52		1106	1627	1801	1985	1325	2046	2265	2497
54	2 1/8	1193	1754	1943	2141	1428	2206	2443	2692
56		1283	1887	2089	2302	1536	2373	2627	2895
57.2	2 1/4	1338	1968	2180	2402	1603	2475	2741	3021
60		1473	2166	2398	2643	1727	2658	2943	3244
60.3	2 3/8	1487	2188	2422	2670	1744	2685	2973	3276
62		1572	2313	2561	2822	1844	2838	3143	3464
63.5	2 1/2	1649	2426	2686	2960	1934	2977	3297	3633
64		1675	2464	2729	3007	1965	3024	3349	3691

# 8xK49SWS



FC



WSC

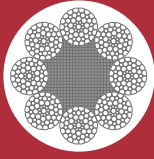


IWRC

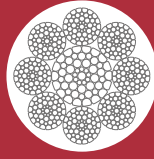


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				IWRC/WSC (≤12mmWSC)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.68	5.41	6.00	6.61	4.41	6.81	7.54	8.31
4		6.54	9.63	10.7	11.7	7.84	12.1	13.4	14.8
5		10.2	15.0	16.7	18.4	12.2	18.9	20.9	23.1
6		14.7	21.7	24.0	26.4	17.6	27.2	30.2	33.2
6.35	1/4	16.5	24.3	26.9	29.6	19.8	30.5	33.8	37.2
7		20.0	29.5	32.6	36.0	24.0	37.1	41.1	45.2
7.94	5/16	25.8	37.9	42.0	46.3	30.9	47.7	52.8	58.2
8		26.2	38.5	42.6	47.0	31.4	48.4	53.6	59.1
9		33.1	48.7	54.0	59.5	39.7	61.3	67.9	74.8
9.5	3/8	36.9	54.3	60.1	66.3	44.2	68.3	75.6	83.3
10		40.9	60.2	66.6	73.4	49.0	75.7	83.8	92.3
11		49.5	72.8	80.6	88.8	59.3	91.5	101	112
11.1	7/16	50.4	74.1	82.1	90.5	60.4	93.2	103	114
12		58.9	86.6	95.9	106	70.5	109	121	133
12.7	1/2	66.0	97.0	107	118	79.0	122	135	149
13		69.1	102	113	124	82.8	128	142	156
14		80.2	118	131	144	96.0	148	164	181
14.3	9/16	83.6	123	136	150	100	155	171	189
15.9	5/8	103	152	168	186	124	191	212	233
16		105	154	171	188	125	194	214	236
18		133	195	216	238	159	245	271	299
19		148	217	240	265	177	273	302	333
19.1	3/4	149	219	243	268	179	276	306	337
20		164	241	266	294	196	303	335	369
22		198	291	322	355	237	366	405	447
22.2	7/8	202	297	328	362	241	373	413	455
24		236	347	384	423	282	436	483	532
25.4	1	264	388	430	474	316	488	541	596
26		277	407	450	496	331	511	566	624
28		321	472	522	576	384	593	657	724
28.6	1 1/8	335	492	545	601	401	619	685	755
31.8	1 1/4	414	608	674	742	495	765	847	934
32		419	616	682	752	502	775	858	945
34.9	1 3/8	498	733	811	894	597	922	1020	1125
35		501	737	816	899	600	927	1026	1131
36		530	780	863	952	635	981	1086	1197
38		591	869	962	1060	707	1093	1210	1333
38.1	1 1/2	594	873	967	1066	711	1098	1216	1340
40		654	963	1066	1175	784	1211	1340	1477
41.3	1 5/8	698	1026	1136	1252	836	1291	1429	1575
44		792	1165	1290	1421	948	1465	1622	1787
44.5	1 3/4	810	1191	1319	1454	970	1498	1659	1828
45		828	1218	1349	1487	992	1532	1697	1870
47.6	1 7/8	927	1363	1509	1663	1110	1714	1898	2092
48		942	1386	1535	1692	1129	1743	1930	2127
50.8	2	1056	1553	1719	1895	1264	1952	2162	2383
51		1064	1565	1733	1910	1274	1968	2179	2401
52		1106	1627	1801	1985	1325	2046	2265	2497
54	2 1/8	1193	1754	1943	2141	1428	2206	2443	2692
56		1283	1887	2089	2302	1536	2373	2627	2895
57.2	2 1/4	1338	1968	2180	2402	1603	2475	2741	3021
60		1473	2166	2398	2643	1727	2658	2943	3244
60.3	2 3/8	1487	2188	2422	2670	1744	2685	2973	3276
62		1572	2313	2561	2822	1844	2838	3143	3464
63.5	2 1/2	1649	2426	2686	2960	1934	2977	3297	3633
64		1675	2464	2729	3007	1965	3024	3349	3691

# 8xK55SWS



FC



WSC

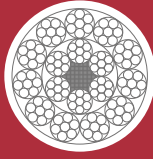


IWRC



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		3.68	5.36	5.94	6.54	4.41	6.74	7.47	8.23
4		6.54	9.53	10.6	11.6	7.84	11.99	13.27	14.63
5		10.2	14.9	16.5	18.2	12.2	18.73	20.74	22.86
6		14.7	21.4	23.8	26.2	17.6	26.97	29.87	32.92
6.35	1/4	16.5	24.0	26.6	29.3	19.8	30.21	33.45	36.87
7		20.0	29.2	32.3	35.6	24.0	36.71	40.65	44.80
7.94	5/16	25.8	37.6	41.6	45.8	30.9	47.23	52.31	57.64
8		26.2	38.1	42.2	46.5	31.4	47.95	53.10	58.52
9		33.1	48.3	53.4	58.9	39.7	60.69	67.20	74.06
9.5	3/8	36.9	53.8	59.5	65.6	44.2	67.62	74.88	82.52
10		40.9	59.6	66.0	72.7	49.0	74.92	82.97	91.43
11		49.5	72.1	79.8	88.0	59.3	90.66	100	111
11.1	7/16	50.4	73.4	81.3	89.6	60.4	92.31	102	113
12		58.9	85.8	95.0	105	70.5	108	119	132
12.7	1/2	66.0	96.1	106	117	79.0	121	134	147
13		69.1	101	111	123	82.8	127	140	155
14		80.2	117	129	143	96.0	147	163	179
14.3	9/16	83.6	122	135	149	100	153	170	187
15.9	5/8	103	151	167	184	124	189	210	231
16		105	153	169	186	125	192	212	234
18		133	193	214	236	159	243	269	296
19		148	215	238	262	177	270	300	330
19.1	3/4	149	217	241	265	179	273	303	334
20		164	238	264	291	196	300	332	366
22		198	288	319	352	237	363	402	443
22.2	7/8	202	294	325	358	241	369	409	451
24		236	343	380	419	282	432	478	527
25.4	1	264	384	426	469	316	483	535	590
26		277	403	446	491	331	506	561	618
28		321	467	517	570	384	587	650	717
28.6	1 1/8	335	487	540	595	401	613	679	748
31.8	1 1/4	414	602	667	735	495	758	839	925
32		419	610	676	745	502	767	850	936
34.9	1 3/8	498	726	804	886	597	913	1011	1114
35		501	730	808	891	600	918	1016	1120
36		530	772	855	942	635	971	1075	1185
38		591	860	953	1050	707	1082	1198	1320
38.1	1 1/2	594	865	958	1055	711	1088	1204	1327
40		654	953	1056	1163	784	1199	1327	1463
41.3	1 5/8	698	1016	1125	1240	836	1278	1415	1560
44		792	1153	1277	1408	948	1451	1606	1770
44.5	1 3/4	810	1180	1306	1440	970	1484	1643	1811
45		828	1206	1336	1472	992	1517	1680	1852
47.6	1 7/8	927	1350	1495	1647	1110	1698	1880	2072
48		942	1373	1520	1675	1129	1726	1912	2107
50.8	2	1056	1537	1703	1876	1264	1934	2141	2360
51		1064	1550	1716	1891	1274	1949	2158	2378
52		1106	1611	1784	1966	1325	2026	2243	2472
54	2 1/8	1193	1737	1924	2120	1428	2185	2419	2666
56		1283	1868	2069	2280	1536	2350	2602	2867
57.2	2 1/4	1338	1949	2159	2379	1603	2451	2715	2992
60		1473	2145	2375	2617	1763	2697	2987	3292
60.3	2 3/8	1487	2166	2399	2644	1744	2659	3017	3325
62		1572	2290	2536	2795	1844	2811	3189	3515
63.5	2 1/2	1649	2402	2660	2932	1934	2948	3345	3687
64		1675	2440	2702	2978	1965	2995	3398	3745

# 17x7



FC

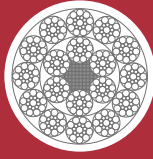


WSC

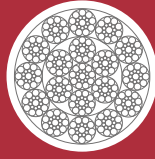


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				WSC			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.55	5.09	5.63	6.21	3.70	5.38	5.96	6.57
4		6.30	9.04	10.01	11.0	6.58	9.57	10.6	11.7
5		9.85	14.1	15.6	17.2	10.3	14.9	16.6	18.2
6		14.2	20.3	22.5	24.8	14.8	21.5	23.8	26.3
6.35	1/4	15.9	22.8	25.2	27.8	16.6	24.1	26.7	29.4
7		19.3	27.7	30.7	33.8	20.1	29.3	32.4	35.8
7.94	5/16	24.8	35.6	39.5	43.5	25.9	37.7	41.7	46.0
8		25.2	36.2	40.1	44.1	26.3	38.3	42.4	46.7
9		31.9	45.8	50.7	55.9	33.3	48.4	53.6	59.1
9.5	3/8	35.5	51.0	56.5	62.2	37.1	54.0	59.8	65.9
10		39.4	56.5	62.6	69.0	41.1	59.8	66.2	73.0
11		47.7	68.4	75.7	83.5	49.7	72.4	80.1	88.3
11.1	7/16	48.5	69.6	77.1	85.0	50.6	73.7	81.6	89.9
12		56.7	81.4	90.1	99.3	59.2	86.1	95.4	105
12.7	1/2	63.5	91.2	101	111	66.3	96.4	107	118
13		66.6	95.5	106	117	69.5	101	112	123
14		77.2	111	123	135	80.6	117	130	143
14.3	9/16	80.5	116	128	141	84.0	122	135	149
15.9	5/8	99.6	143	158	174	104	151	167	184
16		101	145	160	177	105	153	170	187
18		128	183	203	223	133	194	215	236
19		142	204	226	249	148	216	239	263
19.1	3/4	144	206	228	252	150	218	242	266
20		158	226	250	276	164	239	265	292
22		191	274	303	334	199	289	320	353
22.2	7/8	194	279	308	340	203	295	326	360
24		227	326	360	397	237	344	381	420
25.4	1	254	365	404	445	265	386	427	471
26		266	382	423	466	278	404	448	493
28		309	443	491	541	322	469	519	572
28.6	1 1/8	322	462	512	564	336	489	542	597
31.8	1 1/4	398	572	633	697	416	605	670	738
32		403	579	641	706	421	612	678	747
34.9	1 3/8	480	688	762	840	501	728	807	889
35		483	692	767	845	503	733	811	894
36		510	732	811	894	533	775	858	946
38		569	816	904	996	593	863	956	1054
38.1	1 1/2	572	820	908	1001	597	868	961	1059
40		630	904	1001	1104	658	957	1059	1168
41.3	1 5/8	672	964	1067	1176	701	1020	1129	1245
44		763	1094	1212	1335	796	1158	1282	1413
44.5	1 3/4	780	1119	1239	1366	814	1184	1311	1445
45		798	1144	1267	1397	832	1211	1341	1478
47.6	1 7/8	892	1281	1418	1563	931	1355	1500	1653
48		908	1302	1442	1589	947	1378	1526	1681
50.8	2	1017	1458	1615	1780	1061	1543	1709	1883
51		1025	1470	1628	1794	1069	1555	1722	1898
52		1065	1528	1692	1865	1111	1617	1790	1973
54	2 1/8	1149	1648	1825	2011	1198	1744	1931	2128
56		1235	1772	1963	2163	1289	1875	2077	2288
57.2	2 1/4	1289	1849	2048	2257	1345	1956	2167	2388
60		1418	2035	2253	2483	1480	2153	2384	2627
60.3	2 3/8	1432	2055	2276	2508	1494	2174	2408	2653
62		1514	2172	2406	2651	1580	2299	2545	2805
63.5	2 1/2	1588	2279	2523	2781	1657	2411	2670	2942
64		1613	2315	2563	2825	1683	2449	2712	2989

# 18x19S



FC

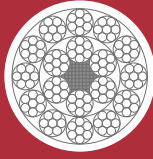


WSC



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		3.55	5.09	5.63	6.21	3.70	5.38	5.96	6.57
4		6.30	9.04	10.01	11.0	6.58	9.57	10.6	11.7
5		9.85	14.1	15.6	17.2	10.3	14.9	16.6	18.2
6		14.2	20.3	22.5	24.8	14.8	21.5	23.8	26.3
6.35	1/4	15.9	22.8	25.2	27.8	16.6	24.1	26.7	29.4
7		19.3	27.7	30.7	33.8	20.1	29.3	32.4	35.8
7.94	5/16	24.8	35.6	39.5	43.5	25.9	37.7	41.7	46.0
8		25.2	36.2	40.1	44.1	26.3	38.3	42.4	46.7
9		31.9	45.8	50.7	55.9	33.3	48.4	53.6	59.1
9.5	3/8	35.5	51.0	56.5	62.2	37.1	54.0	59.8	65.9
10		39.4	56.5	62.6	69.0	41.1	59.8	66.2	73.0
11		47.7	68.4	75.7	83.5	49.7	72.4	80.1	88.3
11.1	7/16	48.5	69.6	77.1	85.0	50.6	73.7	81.6	89.9
12		56.7	81.4	90.1	99.3	59.2	86.1	95.4	105
12.7	1/2	63.5	91.2	101	111	66.3	96.4	107	118
13		66.6	95.5	106	117	69.5	101	112	123
14		77.2	111	123	135	80.6	117	130	143
14.3	9/16	80.5	116	128	141	84.0	122	135	149
15.9	5/8	99.6	143	158	174	104	151	167	184
16		101	145	160	177	105	153	170	187
18		128	183	203	223	133	194	215	236
19		142	204	226	249	148	216	239	263
19.1	3/4	144	206	228	252	150	218	242	266
20		158	226	250	276	164	239	265	292
22		191	274	303	334	199	289	320	353
22.2	7/8	194	279	308	340	203	295	326	360
24		227	326	360	397	237	344	381	420
25.4	1	254	365	404	445	265	386	427	471
26		266	382	423	466	278	404	448	493
28		309	443	491	541	322	469	519	572
28.6	1 1/8	322	462	512	564	336	489	542	597
31.8	1 1/4	398	572	633	697	416	605	670	738
32		403	579	641	706	421	612	678	747
34.9	1 3/8	480	688	762	840	501	728	807	889
35		483	692	767	845	503	733	811	894
36		510	732	811	894	533	775	858	946
38		569	816	904	996	593	863	956	1054
38.1	1 1/2	572	820	908	1001	597	868	961	1059
40		630	904	1001	1104	658	957	1059	1168
41.3	1 5/8	672	964	1067	1176	701	1020	1129	1245
44		763	1094	1212	1335	796	1158	1282	1413
44.5	1 3/4	780	1119	1239	1366	814	1184	1311	1445
45		798	1144	1267	1397	832	1211	1341	1478
47.6	1 7/8	892	1281	1418	1563	931	1355	1500	1653
48		908	1302	1442	1589	947	1378	1526	1681
50.8	2	1017	1458	1615	1780	1061	1543	1709	1883
51		1025	1470	1628	1794	1069	1555	1722	1898
52		1065	1528	1692	1865	1111	1617	1790	1973
54	2 1/8	1149	1648	1825	2011	1198	1744	1931	2128
56		1235	1772	1963	2163	1289	1875	2077	2288
57.2	2 1/4	1289	1849	2048	2257	1345	1956	2167	2388
60		1418	2035	2253	2483	1480	2153	2384	2627
60.3	2 3/8	1432	2055	2276	2508	1494	2174	2408	2653
62		1514	2172	2406	2651	1580	2299	2545	2805
63.5	2 1/2	1588	2279	2523	2781	1657	2411	2670	2942
64		1613	2315	2563	2825	1683	2449	2712	2989

# 18x7



FC

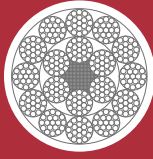


WSC



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		3.55	5.09	5.63	6.21	3.70	5.38	5.96	6.57
4		6.30	9.04	10.01	11.0	6.58	9.57	10.6	11.7
5		9.85	14.1	15.6	17.2	10.3	14.9	16.6	18.2
6		14.2	20.3	22.5	24.8	14.8	21.5	23.8	26.3
6.35	1/4	15.9	22.8	25.2	27.8	16.6	24.1	26.7	29.4
7		19.3	27.7	30.7	33.8	20.1	29.3	32.4	35.8
7.94	5/16	24.8	35.6	39.5	43.5	25.9	37.7	41.7	46.0
8		25.2	36.2	40.1	44.1	26.3	38.3	42.4	46.7
9		31.9	45.8	50.7	55.9	33.3	48.4	53.6	59.1
9.5	3/8	35.5	51.0	56.5	62.2	37.1	54.0	59.8	65.9
10		39.4	56.5	62.6	69.0	41.1	59.8	66.2	73.0
11		47.7	68.4	75.7	83.5	49.7	72.4	80.1	88.3
11.1	7/16	48.5	69.6	77.1	85.0	50.6	73.7	81.6	89.9
12		56.7	81.4	90.1	99.3	59.2	86.1	95.4	105
12.7	1/2	63.5	91.2	101	111	66.3	96.4	107	118
13		66.6	95.5	106	117	69.5	101	112	123
14		77.2	111	123	135	80.6	117	130	143
14.3	9/16	80.5	116	128	141	84.0	122	135	149
15.9	5/8	99.6	143	158	174	104	151	167	184
16		101	145	160	177	105	153	170	187
18		128	183	203	223	133	194	215	236
19		142	204	226	249	148	216	239	263
19.1	3/4	144	206	228	252	150	218	242	266
20		158	226	250	276	164	239	265	292
22		191	274	303	334	199	289	320	353
22.2	7/8	194	279	308	340	203	295	326	360
24		227	326	360	397	237	344	381	420
25.4	1	254	365	404	445	265	386	427	471
26		266	382	423	466	278	404	448	493
28		309	443	491	541	322	469	519	572
28.6	1 1/8	322	462	512	564	336	489	542	597
31.8	1 1/4	398	572	633	697	416	605	670	738
32		403	579	641	706	421	612	678	747
34.9	1 3/8	480	688	762	840	501	728	807	889
35		483	692	767	845	503	733	811	894
36		510	732	811	894	533	775	858	946
38		569	816	904	996	593	863	956	1054
38.1	1 1/2	572	820	908	1001	597	868	961	1059
40		630	904	1001	1104	658	957	1059	1168
41.3	1 5/8	672	964	1067	1176	701	1020	1129	1245
44		763	1094	1212	1335	796	1158	1282	1413
44.5	1 3/4	780	1119	1239	1366	814	1184	1311	1445
45		798	1144	1267	1397	832	1211	1341	1478
47.6	1 7/8	892	1281	1418	1563	931	1355	1500	1653
48		908	1302	1442	1589	947	1378	1526	1681
50.8	2	1017	1458	1615	1780	1061	1543	1709	1883
51		1025	1470	1628	1794	1069	1555	1722	1898
52		1065	1528	1692	1865	1111	1617	1790	1973
54	2 1/8	1149	1648	1825	2011	1198	1744	1931	2128
56		1235	1772	1963	2163	1289	1875	2077	2288
57.2	2 1/4	1289	1849	2048	2257	1345	1956	2167	2388
60		1418	2035	2253	2483	1480	2153	2384	2627
60.3	2 3/8	1432	2055	2276	2508	1494	2174	2408	2653
62		1514	2172	2406	2651	1580	2299	2545	2805
63.5	2 1/2	1588	2279	2523	2781	1657	2411	2670	2942
64		1613	2315	2563	2825	1683	2449	2712	2989

# 18x19W



FC

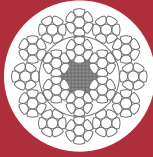


WSC

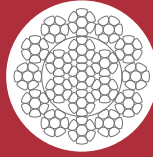


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				WSC			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.55	5.09	5.63	6.21	3.70	5.38	5.96	6.57
4		6.30	9.04	10.01	11.0	6.58	9.57	10.6	11.7
5		9.85	14.1	15.6	17.2	10.3	14.9	16.6	18.2
6		14.2	20.3	22.5	24.8	14.8	21.5	23.8	26.3
6.35	1/4	15.9	22.8	25.2	27.8	16.6	24.1	26.7	29.4
7		19.3	27.7	30.7	33.8	20.1	29.3	32.4	35.8
7.94	5/16	24.8	35.6	39.5	43.5	25.9	37.7	41.7	46.0
8		25.2	36.2	40.1	44.1	26.3	38.3	42.4	46.7
9		31.9	45.8	50.7	55.9	33.3	48.4	53.6	59.1
9.5	3/8	35.5	51.0	56.5	62.2	37.1	54.0	59.8	65.9
10		39.4	56.5	62.6	69.0	41.1	59.8	66.2	73.0
11		47.7	68.4	75.7	83.5	49.7	72.4	80.1	88.3
11.1	7/16	48.5	69.6	77.1	85.0	50.6	73.7	81.6	89.9
12		56.7	81.4	90.1	99.3	59.2	86.1	95.4	105
12.7	1/2	63.5	91.2	101	111	66.3	96.4	107	118
13		66.6	95.5	106	117	69.5	101	112	123
14		77.2	111	123	135	80.6	117	130	143
14.3	9/16	80.5	116	128	141	84.0	122	135	149
15.9	5/8	99.6	143	158	174	104	151	167	184
16		101	145	160	177	105	153	170	187
18		128	183	203	223	133	194	215	236
19		142	204	226	249	148	216	239	263
19.1	3/4	144	206	228	252	150	218	242	266
20		158	226	250	276	164	239	265	292
22		191	274	303	334	199	289	320	353
22.2	7/8	194	279	308	340	203	295	326	360
24		227	326	360	397	237	344	381	420
25.4	1	254	365	404	445	265	386	427	471
26		266	382	423	466	278	404	448	493
28		309	443	491	541	322	469	519	572
28.6	1 1/8	322	462	512	564	336	489	542	597
31.8	1 1/4	398	572	633	697	416	605	670	738
32		403	579	641	706	421	612	678	747
34.9	1 3/8	480	688	762	840	501	728	807	889
35		483	692	767	845	503	733	811	894
36		510	732	811	894	533	775	858	946
38		569	816	904	996	593	863	956	1054
38.1	1 1/2	572	820	908	1001	597	868	961	1059
40		630	904	1001	1104	658	957	1059	1168
41.3	1 5/8	672	964	1067	1176	701	1020	1129	1245
44		763	1094	1212	1335	796	1158	1282	1413
44.5	1 3/4	780	1119	1239	1366	814	1184	1311	1445
45		798	1144	1267	1397	832	1211	1341	1478
47.6	1 7/8	892	1281	1418	1563	931	1355	1500	1653
48		908	1302	1442	1589	947	1378	1526	1681
50.8	2	1017	1458	1615	1780	1061	1543	1709	1883
51		1025	1470	1628	1794	1069	1555	1722	1898
52		1065	1528	1692	1865	1111	1617	1790	1973
54	2 1/8	1149	1648	1825	2011	1198	1744	1931	2128
56		1235	1772	1963	2163	1289	1875	2077	2288
57.2	2 1/4	1289	1849	2048	2257	1345	1956	2167	2388
60		1418	2035	2253	2483	1480	2153	2384	2627
60.3	2 3/8	1432	2055	2276	2508	1494	2174	2408	2653
62		1514	2172	2406	2651	1580	2299	2545	2805
63.5	2 1/2	1588	2279	2523	2781	1657	2411	2670	2942
64		1613	2315	2563	2825	1683	2449	2712	2989

# 18xK7



FC

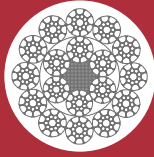


WSC(K)

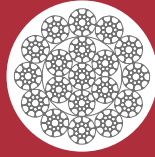


Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				WSC			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.88	5.74	6.36	7.01	4.18	6.1	6.7	7.4
4		6.90	10.2	11.3	12.5	7.43	10.8	12.0	13.2
5		10.8	16.0	17.7	19.5	11.6	16.9	18.7	20.6
6		15.5	23.0	25.4	28.0	16.7	24.3	26.9	29.6
6.35	1/4	17.4	25.7	28.5	31.4	18.7	27.2	30.1	33.2
7		21.1	31.3	34.6	38.2	22.8	33.1	36.6	40.3
7.94	5/16	27.2	40.2	44.5	49.1	29.3	42.5	47.1	51.9
8		27.6	40.8	45.2	49.8	29.7	43.2	47.8	52.7
9		34.9	51.7	57.2	63.1	37.6	54.6	60.5	66.7
9.5	3/8	38.9	57.6	63.8	70.3	41.9	60.9	67.4	74.3
10		43.1	63.8	70.7	77.9	46.5	67.5	74.7	82.3
11		52.2	77.2	85.5	94.2	56.2	81.6	90.4	100
11.1	7/16	53.1	78.6	87.1	95.9	57.2	83.1	92.0	101
12		62.1	91.9	102	112	66.9	97	108	119
12.7	1/2	69.6	103	114	126	74.9	109	120	133
13		72.9	108	119	132	78.5	114	126	139
14		84.5	125	138	153	91.1	132	146	161
14.3	9/16	88.2	130	144	159	95.0	138	153	168
15.9	5/8	109	161	179	197	117	171	189	208
16		110	163	181	199	119	173	191	211
18		140	207	229	252	151	219	242	267
19		156	230	255	281	168	244	270	297
19.1	3/4	157	233	258	284	169	246	272	300
20		173	255	283	311	186	270	299	329
22		209	309	342	377	225	326	362	398
22.2	7/8	213	314	348	384	229	332	368	406
24		248	368	407	449	268	389	430	474
25.4	1	278	412	456	502	300	435	482	531
26		292	431	478	526	314	456	505	556
28		338	500	554	610	364	529	586	645
28.6	1 1/8	353	522	578	637	380	552	611	673
31.8	1 1/4	436	645	715	787	470	682	755	832
32		442	653	724	797	476	691	765	843
34.9	1 3/8	525	777	861	948	566	822	910	1003
35		528	782	866	954	569	826	915	1008
36		559	827	916	1009	602	874	968	1067
38		623	921	1020	1124	671	974	1079	1189
38.1	1 1/2	626	926	1026	1130	674	979	1084	1195
40		690	1021	1131	1246	743	1079	1195	1317
41.3	1 5/8	736	1088	1205	1328	792	1151	1274	1404
44		835	1235	1368	1508	899	1306	1446	1594
44.5	1 3/4	854	1264	1399	1542	920	1336	1479	1630
45		873	1292	1431	1577	941	1366	1513	1667
47.6	1 7/8	977	1446	1601	1764	1053	1528	1692	1865
48		994	1470	1628	1794	1070	1554	1721	1897
50.8	2	1113	1647	1823	2009	1199	1741	1928	2124
51		1122	1660	1838	2025	1208	1754	1943	2141
52		1166	1725	1911	2106	1256	1824	2020	2226
54	2 1/8	1258	1861	2060	2271	1355	1967	2178	2400
56		1352	2001	2216	2442	1457	2115	2342	2581
57.2	2 1/4	1411	2088	2312	2548	1520	2207	2444	2693
60		1553	2297	2544	2803	1673	2428	2689	2963
60.3	2 3/8	1568	2320	2569	2831	1689	2453	2716	2993
62		1658	2453	2716	2993	1786	2593	2871	3164
63.5	2 1/2	1739	2573	2849	3140	1873	2720	3012	3319
64		1766	2614	2894	3189	1903	2763	3060	3372

# 18xK19S



FC

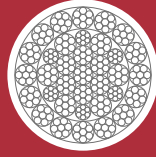


WSC



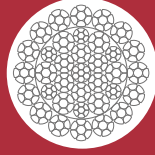
Nominal rope		Nominal tensile strength (MPa)							
		Minimum breaking load (kN)							
Size		FC				WSC			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.88	5.74	6.36	7.01	4.18	6.1	6.7	7.4
4		6.90	10.2	11.3	12.5	7.43	10.8	12.0	13.2
5		10.8	16.0	17.7	19.5	11.6	16.9	18.7	20.6
6		15.5	23.0	25.4	28.0	16.7	24.3	26.9	29.6
6.35	1/4	17.4	25.7	28.5	31.4	18.7	27.2	30.1	33.2
7		21.1	31.3	34.6	38.2	22.8	33.1	36.6	40.3
7.94	5/16	27.2	40.2	44.5	49.1	29.3	42.5	47.1	51.9
8		27.6	40.8	45.2	49.8	29.7	43.2	47.8	52.7
9		34.9	51.7	57.2	63.1	37.6	54.6	60.5	66.7
9.5	3/8	38.9	57.6	63.8	70.3	41.9	60.9	67.4	74.3
10		43.1	63.8	70.7	77.9	46.5	67.5	74.7	82.3
11		52.2	77.2	85.5	94.2	56.2	81.6	90.4	100
11.1	7/16	53.1	78.6	87.1	95.9	57.2	83.1	92.0	101
12		62.1	91.9	102	112	66.9	97	108	119
12.7	1/2	69.6	103	114	126	74.9	109	120	133
13		72.9	108	119	132	78.5	114	126	139
14		84.5	125	138	153	91.1	132	146	161
14.3	9/16	88.2	130	144	159	95.0	138	153	168
15.9	5/8	109	161	179	197	117	171	189	208
16		110	163	181	199	119	173	191	211
18		140	207	229	252	151	219	242	267
19		156	230	255	281	168	244	270	297
19.1	3/4	157	233	258	284	169	246	272	300
20		173	255	283	311	186	270	299	329
22		209	309	342	377	225	326	362	398
22.2	7/8	213	314	348	384	229	332	368	406
24		248	368	407	449	268	389	430	474
25.4	1	278	412	456	502	300	435	482	531
26		292	431	478	526	314	456	505	556
28		338	500	554	610	364	529	586	645
28.6	1 1/8	353	522	578	637	380	552	611	673
31.8	1 1/4	436	645	715	787	470	682	755	832
32		442	653	724	797	476	691	765	843
34.9	1 3/8	525	777	861	948	566	822	910	1003
35		528	782	866	954	569	826	915	1008
36		559	827	916	1009	602	874	968	1067
38		623	921	1020	1124	671	974	1079	1189
38.1	1 1/2	626	926	1026	1130	674	979	1084	1195
40		690	1021	1131	1246	743	1079	1195	1317
41.3	1 5/8	736	1088	1205	1328	792	1151	1274	1404
44		835	1235	1368	1508	899	1306	1446	1594
44.5	1 3/4	854	1264	1399	1542	920	1336	1479	1630
45		873	1292	1431	1577	941	1366	1513	1667
47.6	1 7/8	977	1446	1601	1764	1053	1528	1692	1865
48		994	1470	1628	1794	1070	1554	1721	1897
50.8	2	1113	1647	1823	2009	1199	1741	1928	2124
51		1122	1660	1838	2025	1208	1754	1943	2141
52		1166	1725	1911	2106	1256	1824	2020	2226
54	2 1/8	1258	1861	2060	2271	1355	1967	2178	2400
56		1352	2001	2216	2442	1457	2115	2342	2581
57.2	2 1/4	1411	2088	2312	2548	1520	2207	2444	2693
60		1553	2297	2544	2803	1673	2428	2689	2963
60.3	2 3/8	1568	2320	2569	2831	1689	2453	2716	2993
62		1658	2453	2716	2993	1786	2593	2871	3164
63.5	2 1/2	1739	2573	2849	3140	1873	2720	3012	3319
64		1766	2614	2894	3189	1903	2763	3060	3372

# 35(W)x7



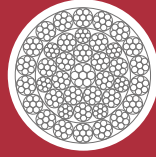
Nominal rope		Nominal tensile strength (MPa)			
Size		Minimum breaking load (kN)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.83	5.91	6.54	7.01
4		6.80	10.5	11.6	12.5
5		10.6	16.4	18.2	19.5
6		15.3	23.6	26.2	28.0
6.35	1/4	17.1	26.5	29.3	31.4
7		20.8	32.2	35.6	38.2
7.94	5/16	26.8	41.4	45.8	49.1
8		27.2	42.0	46.5	49.8
9		34.4	53.2	58.9	63.1
9.5	3/8	38.4	59.2	65.6	70.3
10		42.5	65.6	72.7	77.9
11		51.4	79.4	87.9	94.2
11.1	7/16	52.4	80.9	89.5	95.9
12		61.2	95	105	112
12.7	1/2	68.5	106	117	126
13		71.8	111	123	132
14		83.3	129	142	153
14.3	9/16	86.9	134	149	159
15.9	5/8	107	166	184	197
16		109	168	186	199
18		138	213	235	252
19		153	237	262	281
19.1	3/4	155	239	265	284
20		170	263	291	311
22		206	318	352	377
22.2	7/8	209	323	358	384
24		245	378	419	449
25.4	1	274	423	469	502
26		287	444	491	526
28		333	515	570	610
28.6	1 1/8	348	537	594	637
31.8	1 1/4	430	664	735	787
32		435	672	744	797
34.9	1 3/8	518	799	885	948
35		521	804	890	954
36		551	851	942	1009
38		614	948	1049	1124
38.1	1 1/2	617	953	1055	1130
40		680	1050	1163	1246
41.3	1 5/8	725	1119	1240	1328
44		823	1271	1407	1508
44.5	1 3/4	842	1300	1439	1542
45		861	1329	1472	1577
47.6	1 7/8	963	1487	1647	1764
48		979	1512	1674	1794
50.8	2	1097	1694	1876	2009
51		1105	1707	1890	2025
52		1149	1775	1965	2106
54	2 1/8	1239	1914	2119	2271
56		1333	2058	2279	2442
57.2	2 1/4	1391	2147	2378	2548
60		1530	2297	2544	2803
60.3	2 3/8	1545	2320	2569	2831
62		1634	2453	2716	2993
63.5	2 1/2	1714	2573	2849	3140
64		1741	2614	2894	3189
68		1965	2951	3267	3601
72		2203	3308	3663	4037
76		2455	3686	4081	4498

# 35(W)xK7



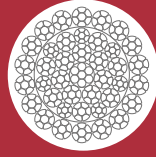
Nominal rope		Nominal tensile strength (MPa)			
Size		Minimum breaking load (kN)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		4.31	6.81	7.54	8.31
4		7.66	12.1	13.4	14.8
5		12.0	18.9	20.9	23.1
6		17.2	27.2	30.2	33.2
6.35	1/4	19.3	30.5	33.8	37.2
7		23.5	37.1	41.1	45.2
7.94	5/16	30.2	47.7	52.8	58.2
8		30.7	48.4	53.6	59.1
9		38.8	61.3	67.9	74.8
9.5	3/8	43.2	68.3	75.6	83.3
10		47.9	75.7	83.8	92.3
11		58.0	91.5	101	112
11.1	7/16	59.0	93.2	103	114
12		69.0	109	121	133
12.7	1/2	77.3	122	135	149
13		81.0	128	142	156
14		93.9	148	164	181
14.3	9/16	98.0	155	171	189
15.9	5/8	121	191	212	233
16		123	194	214	236
18		155	245	271	299
19		173	273	302	333
19.1	3/4	175	276	306	337
20		192	303	335	369
22		232	366	405	447
22.2	7/8	236	373	413	455
24		276	436	483	532
25.4	1	309	488	541	596
26		324	511	566	624
28		376	593	657	724
28.6	1 1/8	392	619	685	755
31.8	1 1/4	484	765	847	934
32		490	775	858	945
34.9	1 3/8	583	922	1020	1125
35		587	927	1026	1131
36		621	981	1086	1197
38		692	1093	1210	1333
38.1	1 1/2	695	1098	1216	1340
40		766	1211	1340	1477
41.3	1 5/8	817	1291	1429	1575
44		927	1465	1622	1787
44.5	1 3/4	949	1498	1659	1828
45		970	1532	1697	1870
47.6	1 7/8	1085	1714	1898	2092
48		1104	1743	1930	2127
50.8	2	1236	1952	2162	2383
51		1246	1968	2179	2401
52		1295	2046	2265	2497
54	2 1/8	1397	2206	2443	2692
56		1502	2373	2627	2895
57.2	2 1/4	1567	2475	2741	3021
60		1724	2724	3016	3324
60.3	2 3/8	1742	2751	3046	3357
62		1841	2908	3221	3549
63.5	2 1/2	1931	3051	3378	3723
64		1962	3099	3432	3782

# 40(W)x7



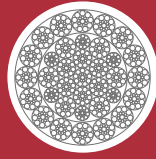
Nominal rope		Nominal tensile strength (MPa)			
Size		Minimum breaking load (kN)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.83	5.91	6.54	7.01
4		6.80	10.5	11.6	12.5
5		10.6	16.4	18.2	19.5
6		15.3	23.6	26.2	28.0
6.35	1/4	17.1	26.5	29.3	31.4
7		20.8	32.2	35.6	38.2
7.94	5/16	26.8	41.4	45.8	49.1
8		27.2	42.0	46.5	49.8
9		34.4	53.2	58.9	63.1
9.5	3/8	38.4	59.2	65.6	70.3
10		42.5	65.6	72.7	77.9
11		51.4	79.4	87.9	94.2
11.1	7/16	52.4	80.9	89.5	95.9
12		61.2	95	105	112
12.7	1/2	68.5	106	117	126
13		71.8	111	123	132
14		83.3	129	142	153
14.3	9/16	86.9	134	149	159
15.9	5/8	107	166	184	197
16		109	168	186	199
18		138	213	235	252
19		153	237	262	281
19.1	3/4	155	239	265	284
20		170	263	291	311
22		206	318	352	377
22.2	7/8	209	323	358	384
24		245	378	419	449
25.4	1	274	423	469	502
26		287	444	491	526
28		333	515	570	610
28.6	1 1/8	348	537	594	637
31.8	1 1/4	430	664	735	787
32		435	672	744	797
34.9	1 3/8	518	799	885	948
35		521	804	890	954
36		551	851	942	1009
38		614	948	1049	1124
38.1	1 1/2	617	953	1055	1130
40		680	1050	1163	1246
41.3	1 5/8	725	1119	1240	1328
44		823	1271	1407	1508
44.5	1 3/4	842	1300	1439	1542
45		861	1329	1472	1577
47.6	1 7/8	963	1487	1647	1764
48		979	1512	1674	1794
50.8	2	1097	1694	1876	2009
51		1105	1707	1890	2025
52		1149	1775	1965	2106
54	2 1/8	1239	1914	2119	2271
56		1333	2058	2279	2442
57.2	2 1/4	1391	2147	2378	2548
60		1530	2297	2544	2803
60.3	2 3/8	1545	2320	2569	2831
62		1634	2453	2716	2993
63.5	2 1/2	1714	2573	2849	3140
64		1741	2614	2894	3189
68		1965	2951	3267	3601
72		2203	3308	3663	4037
76		2455	3686	4081	4498

# 40(W)xK7



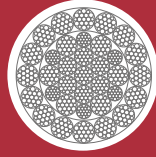
Nominal rope		Nominal tensile strength (MPa)			
Size		Minimum breaking load (kN)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		4.31	6.81	7.54	8.31
4		7.66	12.1	13.4	14.8
5		12.0	18.9	20.9	23.1
6		17.2	27.2	30.2	33.2
6.35	1/4	19.3	30.5	33.8	37.2
7		23.5	37.1	41.1	45.2
7.94	5/16	30.2	47.7	52.8	58.2
8		30.7	48.4	53.6	59.1
9		38.8	61.3	67.9	74.8
9.5	3/8	43.2	68.3	75.6	83.3
10		47.9	75.7	83.8	92.3
11		58.0	91.5	101	112
11.1	7/16	59.0	93.2	103	114
12		69.0	109	121	133
12.7	1/2	77.3	122	135	149
13		81.0	128	142	156
14		93.9	148	164	181
14.3	9/16	98.0	155	171	189
15.9	5/8	121	191	212	233
16		123	194	214	236
18		155	245	271	299
19		173	273	302	333
19.1	3/4	175	276	306	337
20		192	303	335	369
22		232	366	405	447
22.2	7/8	236	373	413	455
24		276	436	483	532
25.4	1	309	488	541	596
26		324	511	566	624
28		376	593	657	724
28.6	1 1/8	392	619	685	755
31.8	1 1/4	484	765	847	934
32		490	775	858	945
34.9	1 3/8	583	922	1020	1125
35		587	927	1026	1131
36		621	981	1086	1197
38		692	1093	1210	1333
38.1	1 1/2	695	1098	1216	1340
40		766	1211	1340	1477
41.3	1 5/8	817	1291	1429	1575
44		927	1465	1622	1787
44.5	1 3/4	949	1498	1659	1828
45		970	1532	1697	1870
47.6	1 7/8	1085	1714	1898	2092
48		1104	1743	1930	2127
50.8	2	1236	1952	2162	2383
51		1246	1968	2179	2401
52		1295	2046	2265	2497
54	2 1/8	1397	2206	2443	2692
56		1502	2373	2627	2895
57.2	2 1/4	1567	2475	2741	3021
60		1724	2724	3016	3324
60.3	2 3/8	1742	2751	3046	3357
62		1841	2908	3221	3549
63.5	2 1/2	1931	3051	3378	3723
64		1962	3099	3432	3782

# 35(W)x19S



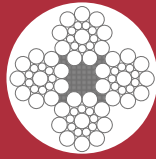
Nominal rope		Nominal tensile strength (MPa)			
Size		Minimum breaking load (kN)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.83	5.91	6.54	7.01
4		6.80	10.5	11.6	12.5
5		10.6	16.4	18.2	19.5
6		15.3	23.6	26.2	28.0
6.35	1/4	17.1	26.5	29.3	31.4
7		20.8	32.2	35.6	38.2
7.94	5/16	26.8	41.4	45.8	49.1
8		27.2	42.0	46.5	49.8
9		34.4	53.2	58.9	63.1
9.5	3/8	38.4	59.2	65.6	70.3
10		42.5	65.6	72.7	77.9
11		51.4	79.4	87.9	94.2
11.1	7/16	52.4	80.9	89.5	95.9
12		61.2	95	105	112
12.7	1/2	68.5	106	117	126
13		71.8	111	123	132
14		83.3	129	142	153
14.3	9/16	86.9	134	149	159
15.9	5/8	107	166	184	197
16		109	168	186	199
18		138	213	235	252
19		153	237	262	281
19.1	3/4	155	239	265	284
20		170	263	291	311
22		206	318	352	377
22.2	7/8	209	323	358	384
24		245	378	419	449
25.4	1	274	423	469	502
26		287	444	491	526
28		333	515	570	610
28.6	1 1/8	348	537	594	637
31.8	1 1/4	430	664	735	787
32		435	672	744	797
34.9	1 3/8	518	799	885	948
35		521	804	890	954
36		551	851	942	1009
38		614	948	1049	1124
38.1	1 1/2	617	953	1055	1130
40		680	1050	1163	1246
41.3	1 5/8	725	1119	1240	1328
44		823	1271	1407	1508
44.5	1 3/4	842	1300	1439	1542
45		861	1329	1472	1577
47.6	1 7/8	963	1487	1647	1764
48		979	1512	1674	1794
50.8	2	1097	1694	1876	2009
51		1105	1707	1890	2025
52		1149	1775	1965	2106
54	2 1/8	1239	1914	2119	2271
56		1333	2058	2279	2442
57.2	2 1/4	1391	2147	2378	2548
60		1530	2297	2544	2803
60.3	2 3/8	1545	2320	2569	2831
62		1634	2453	2716	2993
63.5	2 1/2	1714	2573	2849	3140
64		1741	2614	2894	3189
68		1965	2951	3267	3601
72		2203	3308	3663	4037
76		2455	3686	4081	4498

# 35(W)x19W



Nominal rope		Nominal tensile strength (MPa)			
Size		Minimum breaking load (kN)			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.83	5.91	6.54	7.01
4		6.80	10.5	11.6	12.5
5		10.6	16.4	18.2	19.5
6		15.3	23.6	26.2	28.0
6.35	1/4	17.1	26.5	29.3	31.4
7		20.8	32.2	35.6	38.2
7.94	5/16	26.8	41.4	45.8	49.1
8		27.2	42.0	46.5	49.8
9		34.4	53.2	58.9	63.1
9.5	3/8	38.4	59.2	65.6	70.3
10		42.5	65.6	72.7	77.9
11		51.4	79.4	87.9	94.2
11.1	7/16	52.4	80.9	89.5	95.9
12		61.2	95	105	112
12.7	1/2	68.5	106	117	126
13		71.8	111	123	132
14		83.3	129	142	153
14.3	9/16	86.9	134	149	159
15.9	5/8	107	166	184	197
16		109	168	186	199
18		138	213	235	252
19		153	237	262	281
19.1	3/4	155	239	265	284
20		170	263	291	311
22		206	318	352	377
22.2	7/8	209	323	358	384
24		245	378	419	449
25.4	1	274	423	469	502
26		287	444	491	526
28		333	515	570	610
28.6	1 1/8	348	537	594	637
31.8	1 1/4	430	664	735	787
32		435	672	744	797
34.9	1 3/8	518	799	885	948
35		521	804	890	954
36		551	851	942	1009
38		614	948	1049	1124
38.1	1 1/2	617	953	1055	1130
40		680	1050	1163	1246
41.3	1 5/8	725	1119	1240	1328
44		823	1271	1407	1508
44.5	1 3/4	842	1300	1439	1542
45		861	1329	1472	1577
47.6	1 7/8	963	1487	1647	1764
48		979	1512	1674	1794
50.8	2	1097	1694	1876	2009
51		1105	1707	1890	2025
52		1149	1775	1965	2106
54	2 1/8	1239	1914	2119	2271
56		1333	2058	2279	2442
57.2	2 1/4	1391	2147	2378	2548
60		1530	2297	2544	2803
60.3	2 3/8	1545	2320	2569	2831
62		1634	2453	2716	2993
63.5	2 1/2	1714	2573	2849	3140
64		1741	2614	2894	3189
68		1965	2951	3267	3601
72		2203	3308	3663	4037
76		2455	3686	4081	4498

# 4x19S

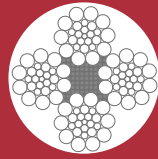


FC



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		3.73	5.91	6.54	7.21
4		6.63	10.4	11.6	12.8
5		10.4	16.2	18.2	20.0
6		14.9	23.4	26.2	28.8
6.35	1/4	16.7	26.2	29.3	32.3
7		20.3	31.8	35.6	39.2
7.94	5/16	26.1	41.0	45.8	50.5
8		26.5	41.6	46.5	51.3
9		33.5	52.6	58.9	64.9
9.5	3/8	37.4	58.7	65.6	72.3
10		41.4	65.0	72.7	80.1
11		50.1	78.6	87.9	96.9
11.1	7/16	51.0	80.1	89.5	98.7
12		59.6	93.6	105	115
12.7	1/2	66.8	105	117	129
13		70.0	110	123	135
14		81.2	127	142	157
14.3	9/16	84.7	133	149	164
15.9	5/8	105	164	184	202
16		106	166	186	205
18		134	211	235	260
19		149	235	262	289
19.1	3/4	151	237	265	292
20		166	260	291	320
22		200	315	352	388
22.2	7/8	204	320	358	395
24		239	374	419	461
25.4	1	267	419	469	517
26		280	439	491	541
28		325	510	570	628
28.6	1 1/8	339	532	594	655
31.8	1 1/4	419	657	735	810
32		424	666	744	820
34.9	1 3/8	504	792	885	976
35		507	796	890	981
36		537	842	942	1038
38		598	939	1049	1157
38.1	1 1/2	601	943	1055	1163
40		663	1040	1163	1281
41.3	1 5/8	706	1109	1240	1366
44		802	1258	1407	1551
44.5	1 3/4	820	1287	1439	1586
45		839	1316	1472	1622
47.6	1 7/8	938	1473	1647	1815
48		954	1497	1674	1845

# 4x26WS

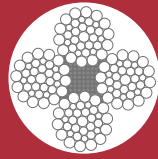


FC



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		3.73	5.91	6.54	7.21
4		6.63	10.4	11.6	12.8
5		10.4	16.2	18.2	20.0
6		14.9	23.4	26.2	28.8
6.35	1/4	16.7	26.2	29.3	32.3
7		20.3	31.8	35.6	39.2
7.94	5/16	26.1	41.0	45.8	50.5
8		26.5	41.6	46.5	51.3
9		33.5	52.6	58.9	64.9
9.5	3/8	37.4	58.7	65.6	72.3
10		41.4	65.0	72.7	80.1
11		50.1	78.6	87.9	96.9
11.1	7/16	51.0	80.1	89.5	98.7
12		59.6	93.6	105	115
12.7	1/2	66.8	105	117	129
13		70.0	110	123	135
14		81.2	127	142	157
14.3	9/16	84.7	133	149	164
15.9	5/8	105	164	184	202
16		106	166	186	205
18		134	211	235	260
19		149	235	262	289
19.1	3/4	151	237	265	292
20		166	260	291	320
22		200	315	352	388
22.2	7/8	204	320	358	395
24		239	374	419	461
25.4	1	267	419	469	517
26		280	439	491	541
28		325	510	570	628
28.6	1 1/8	339	532	594	655
31.8	1 1/4	419	657	735	810
32		424	666	744	820
34.9	1 3/8	504	792	885	976
35		507	796	890	981
36		537	842	942	1038
38		598	939	1049	1157
38.1	1 1/2	601	943	1055	1163
40		663	1040	1163	1281
41.3	1 5/8	706	1109	1240	1366
44		802	1258	1407	1551
44.5	1 3/4	820	1287	1439	1586
45		839	1316	1472	1622
47.6	1 7/8	938	1473	1647	1815
48		954	1497	1674	1845

# 4x36WS

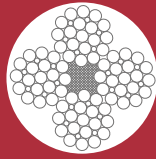


FC



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		3.73	5.91	6.54	7.21
4		6.63	10.4	11.6	12.8
5		10.4	16.2	18.2	20.0
6		14.9	23.4	26.2	28.8
6.35	1/4	16.7	26.2	29.3	32.3
7		20.3	31.8	35.6	39.2
7.94	5/16	26.1	41.0	45.8	50.5
8		26.5	41.6	46.5	51.3
9		33.5	52.6	58.9	64.9
9.5	3/8	37.4	58.7	65.6	72.3
10		41.4	65.0	72.7	80.1
11		50.1	78.6	87.9	96.9
11.1	7/16	51.0	80.1	89.5	98.7
12		59.6	93.6	105	115
12.7	1/2	66.8	105	117	129
13		70.0	110	123	135
14		81.2	127	142	157
14.3	9/16	84.7	133	149	164
15.9	5/8	105	164	184	202
16		106	166	186	205
18		134	211	235	260
19		149	235	262	289
19.1	3/4	151	237	265	292
20		166	260	291	320
22		200	315	352	388
22.2	7/8	204	320	358	395
24		239	374	419	461
25.4	1	267	419	469	517
26		280	439	491	541
28		325	510	570	628
28.6	1 1/8	339	532	594	655
31.8	1 1/4	419	657	735	810
32		424	666	744	820
34.9	1 3/8	504	792	885	976
35		507	796	890	981
36		537	842	942	1038
38		598	939	1049	1157
38.1	1 1/2	601	943	1055	1163
40		663	1040	1163	1281
41.3	1 5/8	706	1109	1240	1366
44		802	1258	1407	1551
44.5	1 3/4	820	1287	1439	1586
45		839	1316	1472	1622
47.6	1 7/8	938	1473	1647	1815
48		954	1497	1674	1845

# 4x25Fi

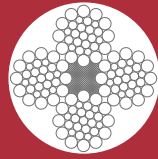


FC



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		3.73	5.91	6.54	7.21
4		6.63	10.4	11.6	12.8
5		10.4	16.2	18.2	20.0
6		14.9	23.4	26.2	28.8
6.35	1/4	16.7	26.2	29.3	32.3
7		20.3	31.8	35.6	39.2
7.94	5/16	26.1	41.0	45.8	50.5
8		26.5	41.6	46.5	51.3
9		33.5	52.6	58.9	64.9
9.5	3/8	37.4	58.7	65.6	72.3
10		41.4	65.0	72.7	80.1
11		50.1	78.6	87.9	96.9
11.1	7/16	51.0	80.1	89.5	98.7
12		59.6	93.6	105	115
12.7	1/2	66.8	105	117	129
13		70.0	110	123	135
14		81.2	127	142	157
14.3	9/16	84.7	133	149	164
15.9	5/8	105	164	184	202
16		106	166	186	205
18		134	211	235	260
19		149	235	262	289
19.1	3/4	151	237	265	292
20		166	260	291	320
22		200	315	352	388
22.2	7/8	204	320	358	395
24		239	374	419	461
25.4	1	267	419	469	517
26		280	439	491	541
28		325	510	570	628
28.6	1 1/8	339	532	594	655
31.8	1 1/4	419	657	735	810
32		424	666	744	820
34.9	1 3/8	504	792	885	976
35		507	796	890	981
36		537	842	942	1038
38		598	939	1049	1157
38.1	1 1/2	601	943	1055	1163
40		663	1040	1163	1281
41.3	1 5/8	706	1109	1240	1366
44		802	1258	1407	1551
44.5	1 3/4	820	1287	1439	1586
45		839	1316	1472	1622
47.6	1 7/8	938	1473	1647	1815
48		954	1497	1674	1845

# 4x31WS

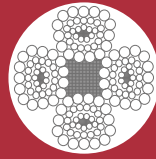


FC



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		3.73	5.91	6.54	7.21
4		6.63	10.4	11.6	12.8
5		10.4	16.2	18.2	20.0
6		14.9	23.4	26.2	28.8
6.35	1/4	16.7	26.2	29.3	32.3
7		20.3	31.8	35.6	39.2
7.94	5/16	26.1	41.0	45.8	50.5
8		26.5	41.6	46.5	51.3
9		33.5	52.6	58.9	64.9
9.5	3/8	37.4	58.7	65.6	72.3
10		41.4	65.0	72.7	80.1
11		50.1	78.6	87.9	96.9
11.1	7/16	51.0	80.1	89.5	98.7
12		59.6	93.6	105	115
12.7	1/2	66.8	105	117	129
13		70.0	110	123	135
14		81.2	127	142	157
14.3	9/16	84.7	133	149	164
15.9	5/8	105	164	184	202
16		106	166	186	205
18		134	211	235	260
19		149	235	262	289
19.1	3/4	151	237	265	292
20		166	260	291	320
22		200	315	352	388
22.2	7/8	204	320	358	395
24		239	374	419	461
25.4	1	267	419	469	517
26		280	439	491	541
28		325	510	570	628
28.6	1 1/8	339	532	594	655
31.8	1 1/4	419	657	735	810
32		424	666	744	820
34.9	1 3/8	504	792	885	976
35		507	796	890	981
36		537	842	942	1038
38		598	939	1049	1157
38.1	1 1/2	601	943	1055	1163
40		663	1040	1163	1281
41.3	1 5/8	706	1109	1240	1366
44		802	1258	1407	1551
44.5	1 3/4	820	1287	1439	1586
45		839	1316	1472	1622
47.6	1 7/8	938	1473	1647	1815
48		954	1497	1674	1845

# 4Vx39S

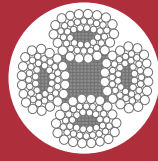


PP



Nominal rope		Nominal tensile strength (MPa)			
		Minimum breaking load (kN)			
Size		PP			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.50	5.91	6.54	7.21
4		6.22	10.5	11.6	12.8
5		9.73	16.4	18.2	20.0
6		14.0	23.6	26.2	28.8
6.35	1/4	15.7	26.5	29.3	32.3
7		19.1	32.2	35.6	39.2
7.94	5/16	24.5	41.4	45.8	50.5
8		24.9	42.0	46.5	51.3
9		31.5	53.2	58.9	64.9
9.5	3/8	35.1	59.2	65.6	72.3
10		38.9	65.6	72.7	80.1
11		47.1	79.4	87.9	96.9
11.1	7/16	47.9	80.9	89.5	98.7
12		56.0	94.5	105	115
12.7	1/2	62.7	106	117	129
13		65.7	111	123	135
14		76.2	129	142	157
14.3	9/16	79.5	134	149	164
15.9	5/8	98.3	166	184	202
16		99.6	168	186	205
18		126	213	235	260
19		140	237	262	289
19.1	3/4	142	239	265	292
20		156	263	291	320
22		188	318	352	388
22.2	7/8	192	323	358	395
24		224	378	419	461
25.4	1	251	423	469	517
26		263	444	491	541
28		305	515	570	628
28.6	1 1/8	318	537	594	655
31.8	1 1/4	393	664	735	810
32		398	672	744	820
34.9	1 3/8	474	799	885	976
35		477	804	890	981
36		504	851	942	1038
38		562	948	1049	1157
38.1	1 1/2	565	953	1055	1163
40		622	1050	1163	1281
41.3	1 5/8	664	1119	1240	1366
44		753	1271	1407	1551
44.5	1 3/4	770	1300	1439	1586
45		788	1329	1472	1622
47.6	1 7/8	881	1487	1647	1815
48		896	1512	1674	1845

# 4Vx48S



PP



Nominal rope		Nominal tensile strength (MPa)			
		Minimum breaking load (kN)			
Size		PP			
mm	in.	kg/100m	1770N/mm <sup>2</sup>	1960N/mm <sup>2</sup>	2160N/mm <sup>2</sup>
3		3.50	5.91	6.54	7.21
4		6.22	10.5	11.6	12.8
5		9.73	16.4	18.2	20.0
6		14.0	23.6	26.2	28.8
6.35	1/4	15.7	26.5	29.3	32.3
7		19.1	32.2	35.6	39.2
7.94	5/16	24.5	41.4	45.8	50.5
8		24.9	42.0	46.5	51.3
9		31.5	53.2	58.9	64.9
9.5	3/8	35.1	59.2	65.6	72.3
10		38.9	65.6	72.7	80.1
11		47.1	79.4	87.9	96.9
11.1	7/16	47.9	80.9	89.5	98.7
12		56.0	94.5	105	115
12.7	1/2	62.7	106	117	129
13		65.7	111	123	135
14		76.2	129	142	157
14.3	9/16	79.5	134	149	164
15.9	5/8	98.3	166	184	202
16		99.6	168	186	205
18		126	213	235	260
19		140	237	262	289
19.1	3/4	142	239	265	292
20		156	263	291	320
22		188	318	352	388
22.2	7/8	192	323	358	395
24		224	378	419	461
25.4	1	251	423	469	517
26		263	444	491	541
28		305	515	570	628
28.6	1 1/8	318	537	594	655
31.8	1 1/4	393	664	735	810
32		398	672	744	820
34.9	1 3/8	474	799	885	976
35		477	804	890	981
36		504	851	942	1038
38		562	948	1049	1157
38.1	1 1/2	565	953	1055	1163
40		622	1050	1163	1281
41.3	1 5/8	664	1119	1240	1366
44		753	1271	1407	1551
44.5	1 3/4	770	1300	1439	1586
45		788	1329	1472	1622
47.6	1 7/8	881	1487	1647	1815
48		896	1512	1674	1845



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