

Sheet1

6x19 (12/6/1) Construction

Tensile Grade Nominal Dia	Approximate Mass per 100 Meter		Minimum Breaking Force corresponding to Rope Grade			
	Fibre Core Kg	Steel Core Kg	1570		1770	
			Fibre Core KN	Steel Core KN	Fibre Core KN	Steel Core KN
3	3.1	3.4	4.4	4.9	5.0	5.3
4	5.5	6.1	7.8	8.6	9.0	9.4
5	8.7	9.5	12.3	13.5	14.0	14.8
6	12.5	13.7	17.6	19.4	20.2	21.2
7	17.0	18.6	24.0	26.5	27.4	28.9
8	22.1	24.3	31.4	34.6	35.8	37.8
9	28.0	30.8	39.7	43.7	45.4	47.8
10	34.6	38.0	49.0	54.0	56.0	59.0
11	41.9	46.0	59.3	65.3	67.8	71.4
12	49.8	54.7	70.6	77.8	80.6	85.0
13	58.5	64.2	82.8	91.3	94.6	99.7
14	67.8	74.5	96.0	105.8	109.8	115.6
15	77.9	85.5	110.3	121.5	126.0	132.8
16	88.6	97.3	125.4	138.2	143.4	151.0
17	100.0	109.8	141.6	156.1	161.8	170.5
18	112.1	123.1	158.8	175.0	181.4	191.2
19	124.9	137.2	176.9	194.9	202.2	213.0
20	138.4	152.0	196.0	216.0	224.0	236.0
21	152.6	167.6	216.1	238.1	247.0	260.2
22	167.5	183.9	237.2	261.4	271.0	285.6
23	183.0	201.0	259.2	285.7	296.2	312.1
24	199.3	218.9	282.2	311.0	322.6	339.8
25	216.3	237.5	306.3	337.5	350.0	368.8
26	233.9	256.9	331.2	365.0	378.6	398.8
27	252.2	277.0	357.2	393.7	408.2	430.1
28	271.3	297.9	384.2	423.4	439.0	462.6
29	291.0	319.6	412.1	454.1	471.0	496.2
30	311.4	342.0	441.0	486.0	504.0	531.0
31	332.5	365.2	470.9	518.9	538.2	567.0
32	354.3	389.1	501.8	553.0	573.4	604.2
33	376.8	413.8	533.6	588.1	609.8	642.5
34	400.0	439.3	566.4	624.2	647.4	682.0
35	423.9	465.5	600.3	661.5	686.0	722.8
36	448.4	492.5	635.0	699.8	725.8	764.6
37	473.7	520.2	670.8	739.3	766.6	807.7
38	499.6	548.7	707.6	779.8	808.6	852.0
39	526.3	578.0	745.3	821.3	851.8	897.4
40	553.6	608.0	784.0	864.0	896.0	944.0

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1960	
Fibre Core KN	Steel Core KN
5.6	5.9
9.9	10.6
15.5	16.5
22.3	23.8
30.4	32.3
39.7	42.2
50.2	53.5
62.0	66.0
75.0	79.9
89.3	95.0
104.8	111.5
121.5	129.4
139.5	148.5
158.7	169.0
179.2	190.7
200.9	213.8
223.8	238.3
248.0	264.0
273.4	291.1
300.1	319.4
328.0	349.1
357.1	380.2
387.5	412.5
419.1	446.2
452.0	481.1
486.1	517.4
521.4	555.1
558.0	594.0
595.8	634.3
634.9	675.8
675.2	718.7
716.7	763.0
759.5	808.5
803.5	855.4
848.8	903.5
895.3	953.0
943.0	1003.9
992.0	1056.0

Sheet1

6x36(14-7+7-7-1), Constructions

Tensile Grde Nominal Dia	Approximate Mass per 100 Meter		Minimum Breaking Force corresponding to Rope Grade			
	Fibre Core Kg	Steel Core Kg	1570		1770	
			Fibre Core KN	Steel Core KN	Fibre Core KN	Steel Core KN
6	13.7	15.0	19.4	20.9	21.6	23.4
7	18.6	20.5	26.5	28.4	29.4	31.9
8	24.3	26.8	34.6	37.1	38.4	41.6
9	30.8	33.9	43.7	47.0	48.6	52.7
10	38.0	41.8	54.0	58.0	60.0	65.0
11	46.0	50.6	65.3	70.2	72.6	78.7
12	54.7	60.2	77.8	83.5	86.4	93.6
13	64.2	70.6	91.3	98.0	101.4	109.9
14	74.5	81.9	105.8	113.7	117.6	127.4
15	85.5	94.1	121.5	130.5	135.0	146.3
16	97.3	107.0	138.2	148.5	153.6	166.4
17	109.8	120.8	156.1	167.6	173.4	187.9
18	123.1	135.4	175.0	187.9	194.4	210.6
19	137.2	150.9	194.9	209.4	216.6	234.7
20	152.0	167.2	216.0	232.0	240.0	260.0
21	167.6	184.3	238.1	255.8	264.6	286.7
22	183.9	202.3	261.4	280.7	290.4	314.6
23	201.0	221.1	285.7	306.8	317.4	343.9
24	218.9	240.8	311.0	334.1	345.6	374.4
25	237.5	261.3	337.5	362.5	375.0	406.3
26	256.9	282.6	365.0	392.1	405.6	439.4
27	277.0	304.7	393.7	422.8	437.4	473.9
28	297.9	327.7	423.4	454.7	470.4	509.6
29	319.6	351.5	454.1	487.8	504.6	546.7
30	342.0	376.2	486.0	522.0	540.0	585.0
31	365.2	401.7	518.9	557.4	576.6	624.7
32	389.1	428.0	553.0	593.9	614.4	665.6
33	413.8	455.2	588.1	631.6	653.4	707.9
34	439.3	483.2	624.2	670.5	693.6	751.4
35	465.5	512.1	661.5	710.5	735.0	796.3
36	492.5	541.7	699.8	751.7	777.6	842.4
37	520.2	572.2	739.3	794.0	821.4	889.9
38	548.7	603.6	779.8	837.5	866.4	938.6
39	578.0	635.8	821.3	882.2	912.6	988.7
40	608.0	668.8	864.0	928.0	960.0	1040.0

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1960	
Fibre Core KN	Steel Core KN
24.1	25.9
32.8	35.3
42.9	46.1
54.3	58.3
67.0	72.0
81.1	87.1
96.5	103.7
113.2	121.7
131.3	141.1
150.8	162.0
171.5	184.3
193.6	208.1
217.1	233.3
241.9	259.9
268.0	288.0
295.5	317.5
324.3	348.5
354.4	380.9
385.9	414.7
418.8	450.0
452.9	486.7
488.4	524.9
525.3	564.5
563.5	605.5
603.0	648.0
643.9	691.9
686.1	737.3
729.6	784.1
774.5	832.3
820.8	882.0
868.3	933.1
917.2	985.7
967.5	1039.7
1019.1	1095.1
1072.0	1152.0

Sheet1

6x26 (10-5+5-5-1), Constructions

Tensile Grde Nominal Dia	Approximate Mass per 100 Meter		Minimum Breaking Force correspondng to Rope Grade			
	Fibre Core Kg	Steel Core Kg	1570		1770	
			Fibre Core KN	Steel Core KN	Fibre Core KN	Steel Core KN
6	13.7	15.0	19.4	20.9	21.6	23.4
7	18.6	20.5	26.5	28.4	29.4	31.9
8	24.3	26.8	34.6	37.1	38.4	41.6
9	30.8	33.9	43.7	47.0	48.6	52.7
10	38.0	41.8	54.0	58.0	60.0	65.0
11	46.0	50.6	65.3	70.2	72.6	78.7
12	54.7	60.2	77.8	83.5	86.4	93.6
13	64.2	70.6	91.3	98.0	101.4	109.9
14	74.5	81.9	105.8	113.7	117.6	127.4
15	85.5	94.1	121.5	130.5	135.0	146.3
16	97.3	107.0	138.2	148.5	153.6	166.4
17	109.8	120.8	156.1	167.6	173.4	187.9
18	123.1	135.4	175.0	187.9	194.4	210.6
19	137.2	150.9	194.9	209.4	216.6	234.7
20	152.0	167.2	216.0	232.0	240.0	260.0
21	167.6	184.3	238.1	255.8	264.6	286.7
22	183.9	202.3	261.4	280.7	290.4	314.6
23	201.0	221.1	285.7	306.8	317.4	343.9
24	218.9	240.8	311.0	334.1	345.6	374.4
25	237.5	261.3	337.5	362.5	375.0	406.3
26	256.9	282.6	365.0	392.1	405.6	439.4
27	277.0	304.7	393.7	422.8	437.4	473.9
28	297.9	327.7	423.4	454.7	470.4	509.6
29	319.6	351.5	454.1	487.8	504.6	546.7
30	342.0	376.2	486.0	522.0	540.0	585.0
31	365.2	401.7	518.9	557.4	576.6	624.7
32	389.1	428.0	553.0	593.9	614.4	665.6
33	413.8	455.2	588.1	631.6	653.4	707.9
34	439.3	483.2	624.2	670.5	693.6	751.4
35	465.5	512.1	661.5	710.5	735.0	796.3
36	492.5	541.7	699.8	751.7	777.6	842.4
37	520.2	572.2	739.3	794.0	821.4	889.9
38	548.7	603.6	779.8	837.5	866.4	938.6
39	578.0	635.8	821.3	882.2	912.6	988.7
40	608.0	668.8	864.0	928.0	960.0	1040.0

Sheet1

1960	
Fibre Core KN	Steel Core KN
24.1	25.9
32.8	35.3
42.9	46.1
54.3	58.3
67.0	72.0
81.1	87.1
96.5	103.7
113.2	121.7
131.3	141.1
150.8	162.0
171.5	184.3
193.6	208.1
217.1	233.3
241.9	259.9
268.0	288.0
295.5	317.5
324.3	348.5
354.4	380.9
385.9	414.7
418.8	450.0
452.9	486.7
488.4	524.9
525.3	564.5
563.5	605.5
603.0	648.0
643.9	691.9
686.1	737.3
729.6	784.1
774.5	832.3
820.8	882.0
868.3	933.1
917.2	985.7
967.5	1039.7
1019.1	1095.1
1072.0	1152.0