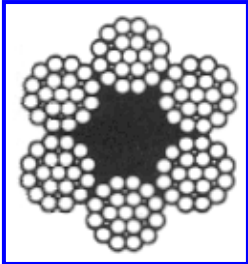


# GENERAL ENGINEERING / EXCAVATOR ROPES

## 6 x 19 FIBRE CORE

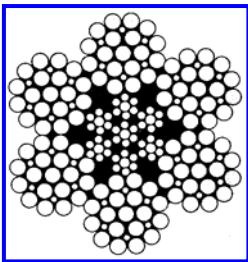
6 x 19 (9/9/1)  
6 x 19 (12/6+6F/1)  
6 x 19 (6+6/6/1)



Nominal Diameter mm	Approximate Equivalent Diameter in	Approximate Weight Kg/100m	Minimum Breaking Load/Force at 1770N/mm <sup>2</sup>	
			kN	t
8	5/16	23.1	37.4	3.81
9	3/8	29.2	47.3	4.82
10		36.1	58.4	5.95
11	7/16	43.7	70.7	7.21
12		52.0	84.1	8.57
13	1/2	61.0	98.7	10.10
14	9/16	70.8	114	11.60
16	5/8	92.4	150	15.30
18	11/16	117	189	19.30
19	3/4	130	211	21.50
20	13/16	144	234	23.90
22	7/8	175	283	28.80
24	15/16	208	336	34.30
26	1	244	395	40.30

## 6 x 19 IWRC

6 x 19S (9/9/1)  
6 x 19W (6+6/6/1)

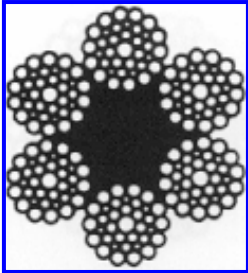


Nominal Diameter mm	Approximate Equivalent Diameter in	Approximate Weight Kg/100m	Minimum Breaking Load/Force			
			1770N/mm <sup>2</sup>		1960N/mm <sup>2</sup>	
			kN	t	kN	t
6		14.3	22.7	2.31	25.1	2.56
7		19.5	30.9	3.15	34.2	3.49
8	5/16	25.5	40.3	4.11	44.7	4.56
9		32.2	51.0	5.20	56.5	5.76
10		39.8	63.0	6.42	69.8	7.12
11	7/16	48.2	76.2	7.77	84.4	8.61
12		57.3	90.7	9.25	101	10.3
13	1/2	67.3	107	10.9	118	12.0
14		78.0	124	12.6	137	14.0
16	5/8	102	161	16.4	179	18.3
18		129	204	20.8	226	23.0
19		144	-	-	252	25.7
20		159	252	25.7	279	28.4
22	7/8	193	305	31.1	338	34.5
24	15/16	229	363	37.0	402	41.0
26	1	269	426	43.4	472	48.1
28		312	494	50.4	547	55.8
32	1 1/4	408	645	65.8	715	72.9
35		484	-	-	855	87.2
36		516	817	83.3	904	92.2

# GENERAL ENGINEERING / EXCAVATOR ROPES

## 6 x 36 FIBRE CORE

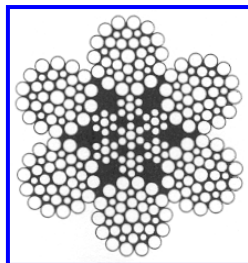
6 x 36 (14/7+7/7/1)



Nominal Diameter mm	Approximate Equivalent Diameter in	Approximate Weight Kg/100m	Minimum Breaking Load/Force			
			1770N/mm <sup>2</sup>		1960N/mm <sup>2</sup>	
			kN	t	kN	t
8	5/16	23.1	37.4	3.81		
9	3/8	29.2	47.3	4.82		
10		36.1	58.4	5.95		
11	7/16	43.7	70.7	7.21		
12		52.0	84.1	8.57		
13	1/2	61.0	98.7	10.1	108	11.1
14	9/16	70.8	114	11.6	126	13.0
16	5/8	92.4	150	15.3	160	16.3
18	11/16	117	189	19.3		
19	3/4	130	211	21.5		
20	13/16	144	234	23.9		
22	7/8	175	283	28.8	313	31.9
24	15/16	208	336	34.3	375	38.3
26	1	244	395	40.3		
28	1 1/8	283	458	46.7		
32	1 1/4	370	598	61.0	662	67.6
35	1 3/8	442	716	73.0		
36		468	757	77.2		
38	1 1/2	521	843	85.9		
40	1 5/8	578	935	95.3		
44	1 3/4	699	1128	115		
48	1 7/8	832	1344	137		
52	2	976	1580	161		
54	2 1/8	1053	1704	174		
56	2 1/4	1132	1837	187		
60	2 3/8	1300	2100	214		

## 6 x 36 IWRC

6 x 36 (14/7+7/7/1)

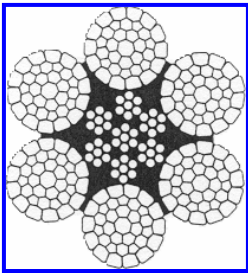


Nominal Diameter mm	Approximate Equivalent Diameter in	Approximate Weight Kg/100m	Minimum Breaking Load/Force			
			1770N/mm <sup>2</sup>		1960N/mm <sup>2</sup>	
			kN	t	kN	t
8	5/16	26.1	40.3	4.11	44.7	4.56
9	3/8	33.2	51.0	5.20	56.5	5.76
10		40.8	63.0	6.42	69.8	7.12
11	7/16	49.4	76.2	7.77	84.4	8.61
12		58.8	90.7	9.20	101	10.3
13	1/2	69.2	107	10.9	118	12.0
14		80.2	124	12.6	137	14.0
16	5/8	104	161	16.4	179	18.3
18		132	204	20.8	226	23.0
19		148	226	23.0	252	25.7
20		163	252	25.7	279	28.4
22	7/8	197	305	31.1	338	34.5
24	15/16	235	363	37.0	402	41.0
26	1	276	426	43.4	472	48.1
28		320	494	50.4	547	55.8
30		370	565	57.7	-	-
32	1 1/4	418	645	65.8	715	72.9
35		502	-	-	855	87.2
36		531	817	83.3	901	92.2
38		592	-	-	1009	103
40		655	1010	103	1120	114
44		793	1220	124	1350	138
48	1 7/8	943	1450	148	1610	164
52		1111	1700	172	1890	193
56		1281	1980	202	2190	223
60	2 3/8	1471	2270	231	2510	256

# COMPACTED & NON-ROTATING WIRE ROPE

## 6 x 36 IWRC COMPACTED

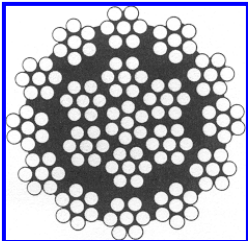
6 x K36 SW (14/7+7/7/1)



Nominal Diameter mm	Approximate Equivalent Diameter in	Approximate Weight Kg/100m	Minimum Breaking Load/Force	
			1960N/mm <sup>2</sup>	
			kN	t
10		46.9	85.7	8.7
11	7/16	57.5	98.6	10.1
12		64.9	114	11.7
13	1/2	80.3	147	15.0
14		94.0	170	17.3
15		106	195	19.9
16	5/8	117	218	22.2
17		139	246	25.1
18		153	276	28.1
19	3/4	166	304	31.0
20		182	335	34.2
22	7/8	217	400	40.8
24	15/16	266	489	49.9
25		280	514	52.4
26	1	313	578	58.9
28		359	657	67.0
30		414	757	77.2
32	1 1/4	469	846	86.3
34		509	916	93.4
36		592	1065	108
38	1 1/2	643	1165	118

## 18 x 7

18x7(12x7:6x7/1x7)



Nominal Diameter mm	Approximate Equivalent Diameter in	Approximate Weight Kg/100m	Minimum Breaking Load/Force			
			1960N/mm <sup>2</sup> WSC		1960N/mm <sup>2</sup> FC	
			kN	t	Kn	t
6		14.8	25.0	2.5	22.5	2.3
7		20.2	34.0	3.5	31.6	3.2
8	5/16	25.8	45.0	4.6	41.2	4.2
9		33.3	56.5	5.8	51.0	5.2
10		40.4	70.0	7.1	62.4	6.3
11	7/16	48.7	84.0	8.6	77.5	7.9
12		60.3	101	10.3	92.2	9.4
13	1/2	70.0	118	12.0	108.8	11.1
14		81.7	137	14.0	126.5	12.9
15		92.9	157	16.0	149	15.2
16	5/8	105	180	18.4	165	16.8
17		117	203	20.7	-	-
18		133	226	23.0	207	21.2
19	3/4	147	253	25.8	232	23.7
20		161	279	28.5	256	26.2
22	7/8	196	339	34.6	310	31.7
24		226	-	-	370	37.7
26		265	-	-	423	43.1

Please note: the above products do not form an exhaustive list of our scope of supply  
If you require a rope which is not mentioned above, please call us.