1x7 strand

Approximate Mass	Minimum Breaking Force correspoding to Rope Grade			
Tensile Grde per 100 Meter		1570	1770	1960
Niminal Dai (mm)				
	Kg	KN	KN	KN
3	4.5	7.7	8.7	9.7
4	8.0	13.8	15.5	17.3
5	12.5	21.5	24.3	27.0
6	18.0	31.0	34.9	38.9
7	24.5	42.1	47.5	52.9
8	32.0	55.0	62.1	69.1
9	40.5	69.7	78.6	87.5
10	50.0	86.0	97.0	108.0
11	60.5	104.1	117.4	130.7
12	72.0	123.8	139.7	155.5
13	84.5	145.3	163.9	182.5
14	98.0	168.6	190.1	211.7
15	112.5	193.5	218.3	243.0
16	128.0	220.2	248.3	276.5

1x19 strand

Approximate Mass	Minimum Breaking Force correspoding to Rope Grade		
Tensile Grde per 100 Meter	1570	1770	1960
Niminal Dai (mm)			
Kg	KN	KN	KN
3	4.5	7.4	8.4	9.3
4	7.9	13.2	14.9	16.5
5	12.4	20.6	23.3	25.8
6	17.8	29.6	33.6	37.2
7	24.3	40.4	45.7	50.6
8	31.7	52.7	59.7	66.1
9	40.1	66.7	75.6	83.7
10	49.5	82.4	93.3	103.3
11	59.9	99.6	112.9	125.0
12	71.3	118.6	134.4	148.8
13	83.7	139.2	157.7	174.6
14	97.1	161.4	182.9	202.5
15	111.4	185.3	210.0	232.5
16	126.8	210.8	238.9	264.6

1x37 strand

Approximate Mass				
Minimum Breaking Force correspoding to Rope Grade				
Tensile Grde per 100 Meter		1570	1770	1960
Niminal Dai (mm)				
	Kg	KN	KN	KN
3	4.4	7.3	8.3	9.2
4	7.8	13.0	14.8	16.4
5	12.2	20.4	23.1	25.6
6	17.6	29.3	33.3	36.8
7	24.0	39.9	45.3	50.1
8	31.3	52.1	59.1	65.5
9	39.7	66.0	74.8	82.9
10	49.0	81.4	92.4	102.3
11	59.2	98.5	111.8	123.8
12	70.5	117.3	133.1	147.3
13	82.7	137.6	156.2	172.9
14	96.0	159.6	181.1	200.6
15	110.2	183.2	207.9	230.2
16	125.3	208.5	236.5	261.9