

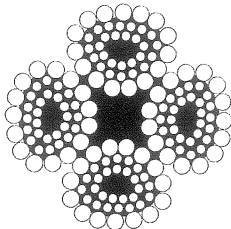
19 x 7 IWSC Steel Wire Ropes

Features:

- Designed to minimize rotation of ropes when hanging loads
- Cross lay construction
- Strands laid in opposite directions

Nominal diameter mm	1770N/mm ²		Approx Mass kg/m	1960N/mm ²		Approx Mass kg/m
	Minimum Breaking Load			Minimum Breaking Load		
	kN	Tone-Force		kN	Tone-Force	
7	28.40	2.90	0.21	31.50	3.21	0.21
8	37.20	3.79	0.28	41.10	4.19	0.28
9	47.00	4.79	0.35	52.10	5.31	0.35
10	58.10	5.92	0.43	64.30	6.56	0.43
12	83.60	8.52	0.62	92.60	9.44	0.62
13	98.10	10.00	0.73	109.00	11.11	0.73
16	149.00	15.19	1.10	165.00	16.83	1.10
18	188.00	19.17	1.39	208.00	21.21	1.39
20	232.00	23.66	1.72	257.00	26.21	1.72

Nominal diameter mm	1770N/mm ²		Approx Mass kg/m	1960N/mm ²		Approx Mass kg/m
	Minimum Breaking Load			Minimum Breaking Load		
	kN	Tone-Force		kN	Tone-Force	
22	281.00	28.65	2.08	311.00	31.71	2.08
24	334.00	34.06	2.48	370.00	37.73	2.48
26	392.00	39.97	2.91	435.00	44.36	2.91
28	455.00	46.40	3.37	504.00	51.39	3.37
30	523.00	53.33	3.87	579.00	59.04	3.87
32	594.00	60.57	4.40	658.00	67.10	4.40
34	671.00	68.42	4.97	743.00	75.76	4.97
36	752.00	76.68	5.57	833.00	84.94	5.57
38	838.00	85.45	6.21	928.00	94.63	6.21



4 x SeS(39) + FC Steel Wire Ropes

Features:

- Designed for Crane, Hoist and Piling application
- Fibre Core
- 4 strand with 39 wire per strand configuration

Diameter Rope mm	Sectional Area mm ²	Breaking Load						Approx Weight kg/m
		S Grade		H Grade		SH Grade		
		kN	ton	kN	ton	kN	ton	
8	28.6	37.5	3.83	40.9	4.10	44.3	4.52	0.257
9	36.2	47.5	4.84	51.8	5.28	56.1	5.72	0.326
10	44.7	58.6	5.98	63.9	6.52	69.2	7.06	0.402
11.2	56.1	73.6	7.50	80.2	8.18	86.8	8.86	0.504
12	64.4	84.4	8.61	92.1	9.39	99.7	10.2	0.579
12.5	69.8	91.6	9.34	99.9	10.2	108	11.0	0.628
14	87.6	115	11.7	125	12.8	136	13.8	0.788
16	114	150	15.3	164	16.7	177	18.1	1.03
18	145	190	19.4	207	21.1	224	22.9	1.30
19	161	212	21.6	231	23.5	250	25.5	1.45
20	179	235	23.9	256	26.1	277	28.2	1.61
22	216	264	28.9	309	31.6	335	34.2	1.95
22.4	224	294	30.0	321	32.7	347	35.4	2.20
24	257	338	34.4	368	37.6	399	40.7	2.32
25	279	367	37.4	400	40.8	433	44.1	2.51
26	302	396	40.4	432	44.1	468	47.7	2.72
28	350	460	46.9	501	51.1	543	55.4	3.15
30	402	528	53.8	575	58.7	623	63.5	3.62
31.5	444	582	59.3	634	64.7	687	70.1	3.99
32	458	600	61.2	655	66.8	709	72.3	4.12
33.5	502	658	67.1	718	73.2	777	79.2	4.51
34	517	678	69.1	739	75.4	800	81.6	4.65
35.5	563	739	75.4	808	82.2	872	89.0	5.07
38	645	846	86.3	923	94.2	999	102	5.75
40	714	937	95.6	1,020	104	1,100	112	6.37
44	563	1,130	115	1,230	125	1,290	132	7.71
48	1,027	1,340	136	1,480	149	1,550	158	9.17