
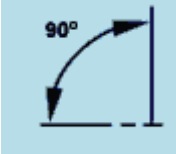
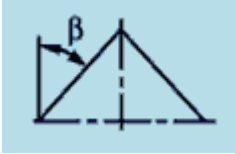
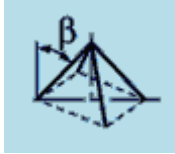



Safe Working Loads

Based on 1960 tensile grade; 6x36WS-IWRC (steel core) construction and having ferrule secured eye terminations.

LOAD CHART

							
Wire Rope Diameter (mm)	Minimum Breaking Load (tonnes)	WLL Single Leg	WLL 2-Leg Sling		WLL 3 or 4-Leg		WLL Choke Hitch
		0° (tonnes)	0-45° (tonnes)	45-60° (tonnes)	0-45° (tonnes)	45-60° (tonnes)	0° (tonnes)
8	4.56	0.82	1.15	0.82	1.72	1.23	1.31
9	5.76	1.04	1.45	1.04	2.18	1.56	1.66
10	7.12	1.28	1.79	1.28	2.69	1.92	2.05
13	12.00	2.16	3.02	2.16	4.54	3.24	3.46
16	18.30	3.29	4.61	3.29	6.92	4.94	5.27
18	23.00	4.14	5.80	4.14	8.69	6.21	6.62
20	28.50	5.13	7.18	5.13	10.77	7.70	8.21
22	34.50	6.21	8.69	6.21	13.04	9.32	9.94
24	41.00	7.38	10.33	7.38	15.50	11.07	11.81
26	48.10	8.66	12.12	8.66	18.18	12.99	13.85
28	55.80	10.04	14.06	10.04	21.09	15.07	16.07
32	72.90	13.12	18.37	13.12	27.56	19.68	21.00
36	92.20	16.60	23.23	16.60	34.85	24.89	26.55
38	103.00	18.54	25.96	18.54	38.93	27.81	29.66
40	114.00	20.52	28.73	20.52	43.09	30.78	32.83
44	138.00	24.84	34.78	24.84	52.16	37.26	39.74
48	164.00	29.52	41.33	29.52	61.99	44.28	47.23
52	192.00	34.56	48.38	34.56	72.58	51.84	55.30
Leg Factor KL		1	1.4	1	2.1	1.5	1.6

KL is the leg factor related to the number of legs and the angle to the vertical.

Larger diameter wire rope assemblies available on request.

The Safe Working Load (SWL) will normally be equal to the Working Load Limit (WLL), although in some instances it may be less e.g. if the sling is used in Choke Hitch the SWL will equal the WLL x 0.8.