



Sargon Way, Great Grimsby Business Park, Great Coates, Grimsby, N.E Lincolnshire. DN37 9PH

Manufacturers of Activity and Climbing Nets  
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## Working Load Limits For Fibre Cored Wire Rope Slings

	One Leg Sling	Two Leg Sling		Three and Four Leg Sling		Endless Sling
Angle to the vertical	0°	0° - 45°	>45° - 60°	0° - 45°	>45° - 60°	0°
Nominal rope diameter mm	Working Load Limits Tonnes	Direct	Direct	Direct	Direct	Choke Hitch
8	0.70	0.95	0.70	1,50	1,05	1,10
9	0.85	1.20	0.85	1,80	1,30	1,40
10	1.05	1.50	1.05	2,25	1,60	1,70
11	1.30	1.80	1.30	2,70	1,95	2,12
12	1.55	2.12	1.55	3,30	2,30	2,50
13	1.80	2.50	1.80	3,85	2,70	2,90
14	2.12	3.00	2.12	4,35	3,15	3,30
16	2.70	3.85	2.70	5,65	4,20	4,35
18	3.40	4.80	3.40	7,20	5,20	5,65
20	4.35	6.00	4.35	9,00	6,50	6,90
22	5.20	7.20	5.20	11,0	7,80	8,40
24	6.30	8.80	6.30	13,5	9,40	10,0
26	7.20	10.00	7.20	15,0	11,0	11,8
28	8.40	11.80	8.40	18,0	12,5	13,5
32	11.00	15.00	11.00	23,5	16,5	18,0
36	14.00	19.00	14.00	29,0	21,0	22,5
40	17.00	23.50	17.00	36,0	26,0	28,0
44	21.00	29.00	21.00	44,0	31,5	33,5
48	25.00	35.00	25.00	52,0	37,0	40,0
52	29.00	40.00	29.00	62,0	44,0	47,0
56	33.50	47.00	33.50	71,0	50,0	54,0
60	39.00	54.00	39.00	81,0	58,0	63,0
leg factor KL	1	1,4	1	2,1	1,5	1,6

EN 13414-1 Table 3 - Working load limits for slings using fibre cored rope of classes 6x19, 6x36 and 8x36 and having ferrule-secured eye terminations



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## Working Load Limits For Steel Cored Wire Rope Slings

Angle to the vertical	One Leg Sling	Two Leg Sling		Three and Four Leg Sling		Endless Sling
	0°	0° - 45°	>45° - 60°	0° - 45°	>45° - 60°	0°
						
Nominal rope diameter mm	Working Load Limits Tonnes	Direct	Direct	Direct	Direct	Choke Hitch
8	0.75	1.05	0.75	1.55	1.10	1.20
9	0.95	1.30	0.95	2.00	1.40	1.50
10	1.15	1.60	1.15	2.40	1.70	1.35
11	1.40	2.00	1.40	3.00	2.12	2.25
12	1.70	2.30	1.70	3.55	2.50	2.70
13	2.00	2.80	2.00	4.15	3.00	3.15
14	2.25	3.15	2.25	4.80	3.40	3.70
16	3.00	4.20	3.00	6.30	4.50	4.80
18	3.70	5.20	3.70	7.80	5.65	6.00
20	4.60	6.50	4.60	9.80	6.90	7.35
22	5.65	7.80	5.65	11.80	8.40	9.00
24	6.70	9.40	6.70	14.00	10.00	10.60
26	7.80	11.00	7.80	15.50	11.50	12.50
28	9.00	12.50	9.00	19.00	13.50	14.50
32	11.80	16.50	11.80	25.00	17.50	19.00
36	15.00	21.00	15.00	31.50	22.50	23.50
40	18.50	26.00	18.50	39.00	28.00	30.00
44	22.50	31.50	22.50	47.00	33.50	36.00
48	26.00	37.00	26.00	55.00	40.00	42.00
52	31.50	44.00	31.50	66.00	47.00	50.00
56	36.00	50.00	36.00	76.00	54.00	58.00
60	42.00	58.00	42.00	88.00	63.00	67.00
leg factor $K_L$	1	1.4	1	2.1	1.5	1.6

EN 13414-1 Table 4 - Working load limits for slings using Steel cored rope of classes 6x19, 6x36 and 8x36 and having ferrule-secured eye terminations