

Wire Rope Slings

Working Load Limits to BS EN 13414-1:2003/A1:2005

		One-leg Slings		Two-leg Slings				Three and Four-leg Slings				Endless Slings	
Nominal rope diameter	Tensile	†		0° to 45°		Over 45° to 60°		0° to 45°		Over 45° to 60°		Choke Hitch	
		Fibre Cored	Steel Cored	Fibre Cored	Steel Cored	Fibre Cored	Steel Cored	Fibre Cored	Steel Cored	Fibre Cored	Steel Cored	Fibre Cored	Steel Cored
8	1960 N/mm ²	0.76	0.82	1.06	1.15	0.76	0.82	1.60	1.72	1.14	1.23	1.22	1.31
9		0.96	1.04	1.35	1.46	0.96	1/04	2.02	2.18	1.44	1.56	1.54	1.66
10		1.19	1.28	1.67	1.79	1.19	1.28	5.25	2.69	1.79	1.92	1.90	2.05
11		1.44	1.55	2.02	2.17	1.44	1.55	3.02	3.26	2.16	2.33	2.30	2.48
12		1.71	1.84	2.39	2.58	1.71	1.84	3.59	3.86	2.57	2.76	2.74	2.94
13		2.00	2.17	2.80	3.04	2.00	2.17	4.20	4.56	3.00	3.26	3.20	3.47
14		2.33	2.51	3.26	3.51	2.33	2.51	4.89	5.27	3.50	3.77	3.73	4.02
16		3.05	3.29	4.27	4.61	3.05	3.29	6.41	6.91	4.58	4.94	4.88	5.26
18		3.85	4.15	5.39	5.81	3.85	4.15	8.09	8.72	5.78	6.23	6.16	6.64
20		4.75	5.12	6.65	7.17	4.75	5.12	9.98	10.80	7.13	7.68	7.60	8.19
22		5.75	6.20	8.05	8.68	5.75	6.20	12.10	13.00	8.63	9.30	9.20	9.92
24		6.85	7.38	9.59	10.30	6.85	7.38	14.40	15.50	10.30	11.10	11.00	11.80
26		8.02	8.66	11.20	12.10	8.02	8.66	16.80	18.20	12.00	13.00	12.80	13.90
28		9.31	10.00	13.00	14.00	9.31	10.00	19.60	21.00	14.00	15.00	14.90	16.00
32	12.20	13.10	17.10	18.30	12.20	13.10	25.60	27.50	18.30	19.70	19.50	21.00	
36	15.40	16.60	21.60	23.20	15.40	16.60	32.30	34.90	23.10	24.90	24.60	26.60	
40	1770 N/mm ²	17.20	18.50	24.10	25.90	17.20	18.50	36.10	38.90	25.80	27.80	27.50	29.60
44		20.70	22.40	29.00	31.40	20.70	22.40	43.50	47.00	31.10	33.60	33.10	35.80
48		24.80	26.60	34.70	37.20	24.80	26.60	52.10	78.10	37.20	39.90	39.70	42.60
52		29.00	31.20	40.60	43.70	29.00	31.20	60.90	65.50	43.50	46.80	46.40	49.90
56		33.60	36.30	47.00	50.80	33.60	36.30	70.60	76.20	50.40	54.50	53.80	58.10
60		38.50	41.70	53.90	58.40	38.50	41.70	80.90	87.60	57.80	62.60	61.60	66.70