





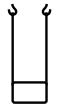








Wire Rope Slings – Grade 1960

Working Load Limits In Tonnes



Method of Loading		Direct Loaded	Choke Hitch		Basket Hitch								Direct Loaded			Choke Hitch			
Rope			Round Load	Rect. Load	Round Load				Other than Round Load					Round Load		Other than Round Load			
Nom. Dia (mm)	Min Breaking Force (kN)																		
			0°	60°	90°	120°	0°	60°	90°	120°	0°-45°	0°-60°		0°-45°	0°-60°				
Included Angle		-	-	-	0°	60°	90°	120°	0°	60°	90°	120°	0-60°	90°	120°	0°-45°	0°-60°	0°-45°	0°-60°
Loading Factors		0.95	0.75	0.5	2	1.73	1.41	1	1	0.87	0.71	0.5	1.73	1.41	1	1.3		0.87	
8mm	44.7	0.87	0.65	0.43	1.73	1.50	1.22	0.87	0.87	0.75	0.61	0.43	1.50	1.22	0.87	1.13		0.75	
9mm	56.5	1.09	0.82	0.55	2.19	1.89	1.54	1.09	1.09	0.95	0.78	0.55	1.89	1.54	1.09	1.42		0.95	
10mm	69.8	1.35	1.01	0.68	2.70	2.34	1.91	1.35	1.35	1.18	0.96	0.68	2.34	1.91	1.35	1.76		1.18	
11mm	84.4	1.63	1.23	0.82	3.27	2.83	2.30	1.63	1.63	1.42	1.16	0.82	2.83	2.30	1.63	2.13		1.42	
12mm	100	1.94	1.45	0.97	3.87	3.35	2.73	1.94	1.94	1.69	1.38	0.97	3.35	2.73	1.94	2.52		1.69	
13mm	118	2.29	1.71	1.14	4.57	3.95	3.22	2.29	2.29	1.99	1.62	1.14	3.95	3.22	2.29	2.97		1.99	
14mm	137	2.65	1.99	1.33	5.31	4.59	3.74	2.65	2.65	2.31	1.88	1.33	4.59	3.74	2.65	3.45		2.31	
16mm	179	3.47	2.60	1.73	6.93	6.00	4.89	3.47	3.47	3.02	2.46	1.73	6.00	4.89	3.47	4.51		3.02	
18mm	226	4.38	3.28	2.19	8.75	7.57	6.17	4.38	4.38	3.81	3.11	2.19	7.57	6.17	4.38	5.69		3.81	
20mm	279	5.40	4.05	2.70	10.81	9.35	7.62	5.40	5.40	4.70	3.84	2.70	9.35	7.62	5.40	7.02		4.70	
22mm	338	6.55	4.91	3.27	13.09	11.33	9.23	6.55	6.55	5.70	4.65	3.27	11.33	9.23	6.55	8.51		5.70	
24mm	402	7.79	5.84	3.89	15.57	13.47	10.98	7.79	7.79	6.77	5.53	3.89	13.47	10.98	7.79	10.12		6.77	
26mm	472	9.14	6.86	4.57	18.28	15.82	12.89	9.14	9.14	7.95	6.49	4.57	15.82	12.89	9.14	11.88		7.95	
28mm	547	10.59	7.95	5.30	21.19	18.33	14.94	10.59	10.59	9.22	7.52	5.30	18.33	14.94	10.59	13.77		9.22	
32mm	715	13.85	10.39	6.92	27.70	23.96	19.53	13.85	13.85	12.05	9.83	6.92	23.96	19.53	13.85	18.00		12.05	
36mm	904	17.51	13.13	8.75	35.02	30.29	24.69	17.51	17.51	15.23	12.43	8.75	30.29	24.69	17.51	22.76		15.23	
40mm	1120	21.69	16.27	10.85	43.38	37.53	30.59	21.69	21.69	18.87	15.40	10.85	37.53	30.59	21.69	28.20		18.87	