

			1 Leg -Part		2 Leg - 2 Parts		2 Legs - 1 Part Each				2 Legs -2 Parts Each		Endless	
														Maximum permitted angle 90 deg
Minimum permitted factor of safety			6:1	6:1	6:1	6:1	6:1	6:1	6:1	6:1	6:1	6:1	6:1	
Rope Construction	Rope Diameter	Estimated Breaking Force	Verticle Lift	Choker Hitch	Halshing Sling	Cradle Sling	30 deg	60 deg	90 deg	120 deg	Reeving Sling	Double Cradle Wrap Sling	Endless with Bight	Rope Diameter
	mm	KN	t	t	t	t	t	t	t	t	t	t	t	t
<ul style="list-style-type: none"> • 6x19 • (9/9/1) F • 1800 MPa • RH Ordinary Lay 	10	59	1.00	0.75	1.50	1.41	1.93	1.73	1.41	1.00	1.06	2.84	1.13	mm
	13	101.8	1.73	1.30	2.59	2.44	3.34	2.99	2.44	1.73	1.83	4.89	1.95	10
<ul style="list-style-type: none"> • 6x36 • (14/7 + 7/7/1) F • 1800 MPa • RH ordinary Lay 	13	102.5	1.74	1.31	2.61	2.46	3.36	3.01	2.46	1.74	1.85	4.93	1.96	13
	16	156.3	2.66	1.99	3.98	3.74	4.13	4.59	3.74	2.66	2.81	7.51	2.99	16
	19	221.4	3.76	2.82	5.64	5.30	7.26	6.51	5.30	3.76	3.99	10.64	4.23	19
	20	242.4	4.12	3.09	6.18	5.81	7.95	7.12	5.81	4.12	4.37	11.65	4.63	20
	22	297	5.05	3.78	7.57	7.11	9.74	8.73	7.11	5.05	5.35	14.28	5.68	22
	24	342.2	5.81	4.36	8.72	8.20	11.22	10.06	8.20	5.81	6.16	16.45	6.54	24
	26	405.8	6.89	5.17	10.34	9.72	13.31	11.93	9.72	6.89	7.31	19.51	7.76	26
	28	479.7	8.15	6.11	12.22	11.49	15.73	14.10	11.49	8.15	8.64	23.06	9.17	28
	32	627.2	10.66	7.99	15.98	15.02	20.57	18.43	15.02	10.66	11.30	30.16	11.99	32
<ul style="list-style-type: none"> • 6x36 • (14/7 + 7/7/1) • IWRC • 1800 MPa • RH Ordinary Lay 	13	113.5	1.93	1.45	2.89	2.72	3.72	3.34	2.72	1.93	2.04	5.46	2.17	13
	16	172.4	2.93	2.20	4.39	4.13	5.65	5.07	4.13	2.93	3.10	8.29	3.30	16
	18	217.3	3.69	2.77	5.54	5.21	7.13	5.39	5.21	3.69	3.91	10.45	4.15	18
	19	243.7	4.14	3.11	6.21	5.84	7.99	7.16	5.84	4.14	4.39	11.72	4.66	19
	20	268.8	4.57	3.43	6.85	6.44	8.81	7.90	6.44	4.57	4.84	12.92	5.14	20
	22	326.8	5.55	4.16	8.33	7.83	10.72	9.61	7.83	5.55	5.89	15.71	6.25	22
	24	393.2	6.68	5.01	10.02	9.42	12.89	11.56	9.42	6.68	7.08	18.91	7.52	24
	26	449.4	7.64	5.73	11.45	10.77	14.74	13.21	10.77	7.64	8.09	21.61	8.59	26
	28	529	8.99	6.74	13.48	12.67	17.35	15.55	12.67	8.99	9.53	25.43	10.11	28
32	691.6	11.76	8.82	17.64	16.58	22.70	20.53	16.58	11.76	12.47	33.29	13.22	32	
Loaf Factor Of Sling Assembly (Effect of sling configuration)			1.0	0.75	1.50	1.41	1.93	1.73	1.41	1.00	1.06	2.83	1.50	

WIRE ROPE SLINGS

HOW TO ORDER WIRE ROPE SLINGS

L = Reach or effective length (pull to pull length)
 D = Diameter of steel wire rope
 E = Eye size (soft / hard eyes)

N.B. Specify any other features required (e.g. Hooks, shackles etc.)

INSPECTION OF WIRE ROPE SLINGS

All slings and attachments must be visually inspected by the person handling the sling each day they are used. In addition, a periodic inspection must be performed by a designated person, at least annually, and shall include a record of the inspection.

INSPECTION CRITERIA

Kinking, Crushing, Unstranding, Birdcaging, Stranding Displacement, Core Protrusion, Corrosion, Broken or Cut Strands, Broken Wires.

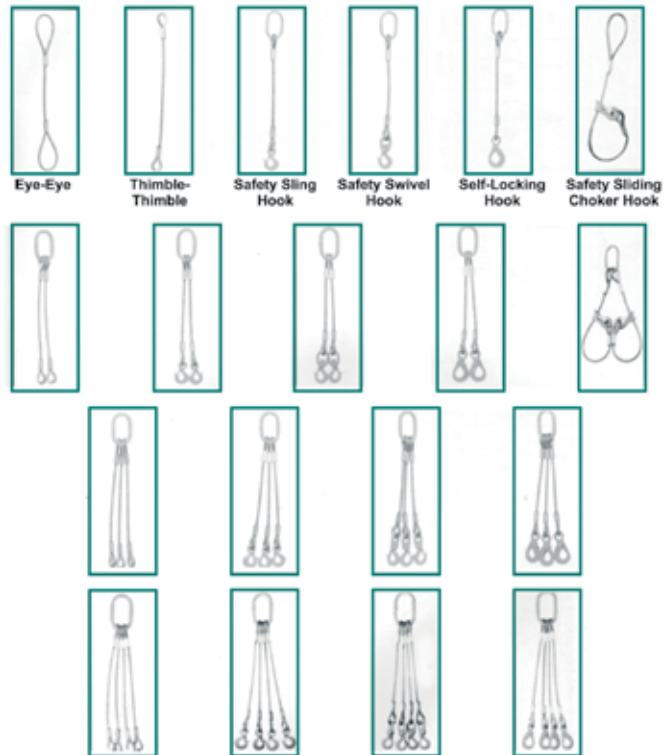
BROKEN WIRES

Refer to the applicable standards such as ISO 4309 with specific discard criteria and guidance regarding the number of broken wires.

DISTORTION OF WIRE ROPE

Remove from service wire rope slings that have any damage resulting in distortion of the wire rope structure such as kinking, crushing, unstranding, birdcaging, strand displacement or core protrusion.

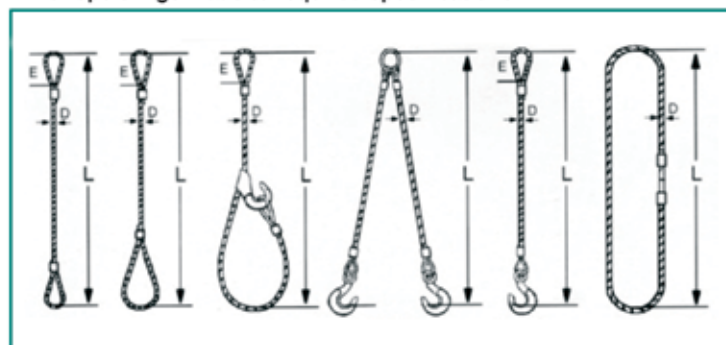
If uncertain about any aspect of these slings please contact us.



Types of available Splices



Wire rope slings made to required specifications



Standard sizes of wire rope sling

ROPE DIAMETER (mm)	SUPER LOOP Eye Size	AFGRIP Eye Size
6	100	100
8	130	130
10	150	150
13	200	200
16	250	250
19/20	300	300
22	350	350
26	400	400
28	450	450
32	600	600

Slings are available in various diameters and eye sizes. Rubber coverings for slings are also available.