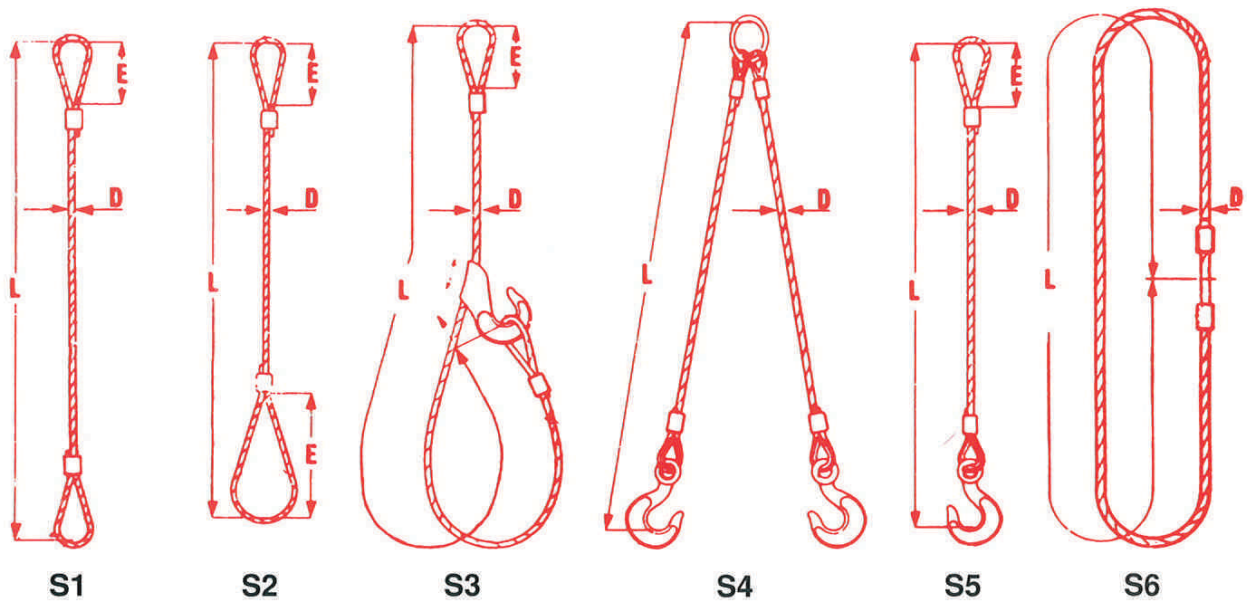


WIRE ROPE SLINGS

Specify diameter and give sizes

required as shown by the letters

L - D - E



SLING SELECTION

- working load -
- end fittings e.g. hooks -
- eye sizes for soft (unthimbled) eyes -
- thimble dimensions for thimbled eyes -
- rope construction where not standard -

SAFE WORKING LOADS OVERLEAF

APPROXIMATE SAFE WORKING LOADS IN KG FOR ALUMINIUM FERRULED STEEL WIRE ROPE SLINGS

Rope diameter mm	Single Leg at 0°	Double Leg at 30°	Double Leg at 60°	Double Leg at 90°	Triple (45°) & Quadruple Leg at 90°
6	300	550	500	420	630
8	600	1150	1000	800	1260
10	1000	1750	1550	1250	2100
13	1500	2800	2500	2100	3150
16	2000	3800	3400	2800	4200
19	3000	5700	5100	4200	6300
22	4000	7600	6800	5600	8400
26	6000	11500	10300	8400	12600
28	7700	14600	13050	10750	16150
32	10000	19000	17000	14000	21000
38	14300	27150	24300	20000	30000
44	19200	36450	32600	26850	40300
50	24800	47100	42150	34700	52000
56	31000	58900	52700	43400	65000

STANDARD ROPES USED

Generally 6 x 36 (14/7/7/1) fibre core for ungalvanised slings and 6 x 36 (14/7/7/1) fibre core or 6 x 19 (12/6/1) fibre core for galvanised slings

SAFETY FACTOR 6:1

STANDARD SOFT EYE SIZES

100 mm for 6 and 8 mm diameter slings
150 mm for 10 mm diameter slings
200 mm for 13 mm diameter slings
250 mm for 16 mm diameter slings
350 mm for 19 and 22 mm diameter slings
400 mm for 26 mm diameter slings
450 mm for 28 mm diameter slings
600 mm for 32 mm diameter slings
750 mm for 38 mm diameter slings
900 mm for 44 mm diameter slings
1000 mm for 50 mm diameter slings
1200 mm for 56 mm diameter slings