



Locked Coil Strand (LC)

Product Code / Strand Diameter	Minimum Breaking Load	Design Load $G_{R,d} = \text{MBL} / 1,5 / 1,1$	Nominal Metallic Cross Section	Nominal Axial Stiffness	Nominal Metallic Mass
d	MBL	$G_{R,d}$	A	EA	Mass
mm	kN	kN	mm ²	MN	kg/m
LC 20	368	223	254	42	2.04
LC 25	574	348	398	66	3.20
LC 30	858	520	594	98	4.77
LC 35	1170	709	808	133	6.49
LC 40	1580	958	1090	180	8.76
LC 45	2000	1212	1390	229	11.1
LC 50	2470	1497	1710	282	13.7
LC 55	3020	1830	2090	345	16.8
LC 60	3590	2176	2490	411	20.0
LC 65	4220	2558	2920	482	23.5
LC 70	4890	2964	3390	559	27.2
LC 75	5620	3406	3890	642	31.3
LC 80	6390	3873	4420	729	35.5
LC 85	7220	4376	5000	824	40.1
LC 90	8090	4903	5600	924	45.0
LC 95	9120	5527	6310	1040	50.7
LC 100	10100	6121	6990	1150	56.2
LC 105	11100	6727	7710	1270	61.9
LC 110	12200	7394	8460	1400	68.0
LC 115	13300	8061	9280	1530	74.5
LC 120	14500	8788	10100	1670	81.1
LC 125	15700	9515	11000	1820	88.4
LC 130	16200	9818	11900	1960	95.6
LC 135	17500	10606	12920	2130	104
LC 140	18700	11333	13900	2290	112
LC 145	20100	12182	14910	2460	120
LC 150	21500	13030	15900	2620	128
LC 155	23000	13939	16990	2800	136
LC 160	24500	14848	18100	2990	145
LC 165	26100	15818	19250	3180	155
LC 170	27600	16727	20400	3370	164
LC 175	29300	17758	21650	3570	174
LC 180	31000	18788	22900	3780	184

Figures shown are for guidance purposes only. For details specific to your requirement please contact Bridon.

- Alternative sizes and constructions are available to suit individual applications.
- Minimising the number of different strand diameters can optimise costs.
- All Stylite® sockets are suitable for use with Locked Coil Strand. [See pages 12 - 23](#)
- Swaged sockets are not suitable for use with Locked Coil Strand.
- Strands with internal blocking material add 3% to nominal metallic mass.