

Full Locked Coil (Metric)

Typical Construction	Part #	Nominal Diameter (mm)	Approx Weight (kg/m)	Approx Metallic Area (mm ²)	Nominal Axial Stiffness Each (MN)	Grade 1470	Grade 1570
						Minimum Breaking Strength (kN)	
1 Layer of Full-Lock Wires	WLC - 20	20	2,27	254	41	344	368
	WLC - 22	22	2,75	308	49	416	445
	WLC - 24	24	3,27	366	59	496	529
	WLC - 26	26	3,84	430	69	582	621
	WLC - 28	28	4,45	499	80	675	720
	WLC - 30	30	5,11	573	92	774	827
	WLC - 32	32	5,82	651	104	881	941
	WLC - 34	34	6,57	735	118	995	1060
	WLC - 36	36	7,36	824	132	1120	1190
	WLC - 38	38	8,20	919	147	1240	1330
	WLC - 40	40	9,09	1020	163	1380	1470
2 Layers of Full-Lock Wires	WLC - 42	42	10,40	1160	186	1570	1680
	WLC - 44	44	11,40	1280	205	1730	1840
	WLC - 46	46	12,50	1400	224	1830	2020
	WLC - 48	48	13,60	1520	243	2060	2200
	WLC - 50	50	14,70	1650	264	2230	2380
	WLC - 52	52	15,90	1780	285	2410	2580
	WLC - 54	54	17,20	1920	307	2600	2780
	WLC - 56	56	18,50	2070	331	2800	2990
	WLC - 58	58	19,80	2220	355	3000	3210
	WLC - 60	60	21,20	2380	381	3210	3430
3 or More Layers of Full-Lock Wires	WLC - 62	62	23,70	2660	426	3590	3840
	WLC - 64	64	25,30	2830	453	3830	4090
	WLC - 66	66	26,90	3010	482	4070	4350
	WLC - 68	68	28,50	3200	512	4320	4620
	WLC - 70	70	30,20	3390	542	4580	4890
	WLC - 72	72	32,00	3580	573	4850	5180
	WLC - 74	74	33,80	3780	605	5120	5470
	WLC - 76	76	35,60	3990	638	5400	5770
	WLC - 78	78	37,60	4200	672	5690	6070
	WLC - 80	80	39,50	4420	707	5980	6390
	WLC - 82	82	41,50	4650	744	6290	6710
	WLC - 84	84	43,50	4880	781	6600	7040
	WLC - 86	86	45,60	5110	818	6910	7380
	WLC - 88	88	47,80	5350	696	7240	7730
	WLC - 90	90	50,00	5600	896	7570	8090
	WLC - 92	92	53,00	5920	947	8000	8550
	WLC - 94	94	55,30	6180	989	8350	8920
	WLC - 96	96	57,70	6440	1030	8710	9300
WLC - 98	98	60,10	6710	1074	9080	9700	
WLC - 100	100	62,60	6990	1118	9450	10100	
WLC - 102	102	65,10	7270	1142	9840	10500	

Other diameters available upon request