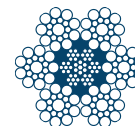




Blue Strand Class 6x19 Steel Core



Diameter	Approx. nominal length mass	Minimum breaking force (Fmin)				Axial stiffness @20% load	Torque generated @20% load		Metallic cross section
		IPS / 1770 grade		EIPS / 1960 grade			Ordinary	Lang's	
mm	kg/m	kN	tonnes	kN	tonnes	MN	N.m	N.m	mm ²
6	0.14	22.7	2.31	25.1	2.56	1.66	2	3	16.2
7	0.20	30.9	3.15	34.2	3.49	2.27	3	4	22.0
8	0.26	40.3	4.11	44.7	4.56	2.96	5	6	28.7
9	0.32	51.0	5.20	56.5	5.76	3.75	7	9	36.4
10	0.40	63.0	6.42	69.8	7.12	4.62	10	13	44.9
11	0.48	76.2	7.77	84.4	8.60	5.60	13	17	54.3
12	0.58	90.7	9.25	100	10.2	6.66	17	22	64.7
13	0.68	106	10.8	118	12.0	7.82	21	28	75.9
14	0.78	124	12.6	137	14.0	9.06	27	35	88.0
16	1.02	161	16.4	179	18.2	11.8	40	52	115
18	1.30	204	20.8	226	23.0	15.0	57	73	145
19	1.44	227	23.1	252	25.7	16.7	67	86	162
20	1.60	252	25.7	279	28.4	18.5	78	100	180
22	1.94	305	31.1	338	34.5	22.4	104	134	217
24	2.30	363	37.0	402	41.0	26.6	135	174	259
26	2.70	426	43.4	472	48.1	31.3	172	221	304
28	3.14	494	50.4	547	55.8	36.3	214	276	352
32	4.10	645	65.7	715	72.9	47.4	320	412	460
36	5.18	817	83.3	904	92.2	59.9	456	586	582
38	5.78	910	92.8	1010	103	66.8	537	691	648
40	6.40	1010	103	1120	114	74.0	627	806	718
44	7.74	1220	124	1350	138	89.5	832	1069	869
48	9.22	1450	148	1610	164	107	1082	1391	1034
52	10.8	1700	173	1890	193	125	1376	1769	1214
56	12.5	1980	202	2190	223	145	1717	2208	1408
60	14.4	2270	231	2510	256	166	2108	2711	1616



Lang's Lay must not be selected for use in any application where either end of the rope is free to rotate.