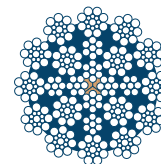


# Tiger 24 LS

## Hoist Rope



Lay Type		Lay Direction		Finish		Core	
Ord	Langs	Right	Hand	Bright	Galv	NFC	SFC
	•	•	•	•	•	•	•

Nominal Diameter	Approx. Mass	Calculated Aggregate Breaking Force					Calculated Minimum Breaking Force				
		1570 N/mm <sup>2</sup>	1770 N/mm <sup>2</sup>	1860 N/mm <sup>2</sup>	1960 N/mm <sup>2</sup>	2060 N/mm <sup>2</sup>	1570 N/mm <sup>2</sup>	1770 N/mm <sup>2</sup>	1860 N/mm <sup>2</sup>	1960 N/mm <sup>2</sup>	2060 N/mm <sup>2</sup>
mm	kg/m	kN	kN	kN	kN	kN	kN	kN	kN	kN	kN
24	2.51	442	499	524	552	581	345	389	409	431	453
25	2.73	480	541	569	599	630	374	422	444	467	491
26	2.95	519	585	615	648	681	405	457	480	506	531
27	3.18	560	631	663	699	735	437	492	517	545	573
28	3.42	602	679	714	752	790	470	530	556	586	616
29	3.67	646	728	765	807	848	504	568	597	629	661
30	3.92	691	780	819	863	907	539	608	639	673	708
31	4.19	738	832	875	922	969	576	649	682	719	756
32	4.47	787	887	932	982	1030	614	692	727	766	805
33	4.75	837	943	991	1040	1090	653	736	773	815	856
34	5.05	888	1000	1050	1100	1160	693	781	821	865	909
35	5.35	941	1060	1110	1170	1230	734	828	870	917	963
36	5.65	996	1120	1180	1240	1300	777	876	920	970	1010
37	5.97	1050	1180	1240	1310	1380	820	925	972	1020	1070
38	6.30	1110	1250	1310	1380	1450	865	976	1020	1080	1130
39	6.64	1160	1310	1380	1450	1530	912	1020	1080	1130	1190
40	6.98	1230	1380	1450	1530	1610	959	1080	1130	1190	1250
41	7.33	1290	1450	1530	1610	1690	1000	1130	1190	1250	1320
42	7.69	1350	1520	1600	1690	1770	1050	1190	1250	1320	1380
43	8.08	1420	1600	1680	1770	1860	1100	1250	1310	1380	1450
44	8.45	1480	1670	1760	1850	1950	1160	1300	1370	1440	1520
45	8.84	1550	1750	1840	1940	2040	1210	1360	1430	1510	1590
46	9.24	1620	1830	1920	2030	2130	1260	1430	1500	1580	1660
47	9.64	1690	1910	2010	2120	2220	1320	1490	1560	1650	1730
48	10.1	1770	1990	2090	2210	2320	1380	1550	1630	1720	1810
49	10.5	1840	2080	2180	2300	2420	1430	1620	1700	1790	1880
50	10.9	1920	2160	2270	2390	2520	1490	1690	1770	1870	1960
51	11.4	1990	2250	2360	2490	2620	1550	1750	1840	1940	2040
52	11.8	2070	2340	2460	2590	2720	1620	1820	1920	2020	2120
53	12.3	2150	2430	2550	2690	2830	1680	1890	1990	2100	2210
54	12.7	2240	2520	2650	2790	2940	1740	1970	2070	2180	2290
55	13.2	2320	2620	2750	2900	3050	1810	2040	2140	2260	2380
56	13.7	2410	2710	2850	3000	3160	1880	2120	2220	2340	2460
57	14.2	2490	2810	2950	3110	3270	1940	2190	2300	2430	2550
58	14.7	2580	2910	3060	3220	3390	2010	2270	2380	2510	2640
59	15.2	2670	3010	3170	3340	3510	2080	2350	2470	2600	2730
60	15.7	2760	3120	3270	3450	3630	2150	2430	2550	2690	2830
61	16.2	2860	3220	3380	3570	3750	2230	2510	2640	2780	2920
62	16.8	2950	3330	3500	3680	3870	2300	2590	2730	2870	3020
63	17.3	3050	3440	3610	3800	4000	2380	2680	2810	2970	3120
64	17.9	3140	3550	3730	3930	4130	2450	2760	2900	3060	3220
65	18.4	3240	3660	3840	4050	4260	2530	2850	3000	3160	3320

The nominal length mass values are for fully lubricated ropes.  
Ropes for friction winding application will weigh approximately 2% less than the above quoted weights.



Read Product Safety Instructions and Warnings on the use of steel wire rope before selecting or using this product.  
Read cautionary notice - Restrictions on the use of large diameter multi-strand ropes.



This table is for guidance purposes only with no guarantee or warranty (express or implied) as to its accuracy. The products described may be subject to change without notice, and should not be relied on without further advice from Bridon