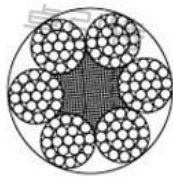


Wire Rope For General Purpose

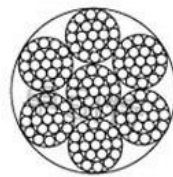
- GB8918-2006, GB/T20118, GB/T20067-2006 standard wire rope can be provided.
- Diameter range of wire rope 1mm~190mm.
- The category is point contact, line contact, and surface contact wire rope.

TYPE:6X19(b) Round Strand Wire Rope

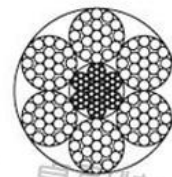
- Rope Construction: 6x19+FC 6x19+IWS 6x19+IWR
- Application: It is used in a variety of lifting, hoisting, and traction equipment



6*19+FC



6*19+IWS



6*19+IWR

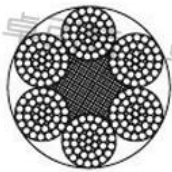
Rope Nominal Diameter (mm)	Approx. Weight (kg/100m)			Nominal Tensile Strength (MPa)							
				1570		1670		1770		1870	
	Natural Fiber Core	Synthetic Fiber Core	Steel Core	Fiber Core	Steel Core	Fiber Core	Steel Core	Fiber Core	Steel Core	Fiber Core	Steel Core
3	3.16	3.10	3.60	4.34	4.69	4.61	4.99	4.89	5.29	5.17	5.59
4	5.62	5.50	6.40	7.71	8.34	8.20	8.87	8.69	9.40	9.19	9.93
5	8.78	8.60	10.0	12.0	13.0	12.8	13.9	13.6	14.7	14.4	15.5
6	12.6	12.4	14.4	17.4	18.8	18.5	20.0	19.6	21.2	20.7	22.4
7	17.2	16.9	19.6	23.6	25.5	25.1	27.2	26.6	28.8	28.1	30.4
8	22.5	22.0	25.6	30.8	33.4	32.8	35.5	34.8	37.6	36.7	39.7
9	28.4	27.9	32.4	39.0	42.2	41.6	44.9	44	47.6	46.5	50.3
10	35.1	34.4	40	48.2	52.1	51.3	55.4	54.4	58.8	57.4	62.1
11	42.5	41.6	48.4	58.3	63.1	62	67.1	65.8	71.1	69.5	75.1
12	50.5	50	57.6	69.4	75.1	73.8	79.8	78.2	84.6	82.7	89.4
13	59.3	58.1	67.6	81.5	88.1	86.6	93.7	91.8	99.3	97	105
14	68.8	67.4	78.4	94.5	102	100	109	107	115	113	122
16	89.9	88.1	102	123	133	131	142	139	150	147	159
18	114	111	130	156	169	166	180	176	190	186	201
20	140	138	160	193	208	205	222	217	235	230	248
22	170	166	194	233	252	248	268	263	284	278	300
24	202	198	230	278	300	295	319	313	338	331	358
26	237	233	270	326	352	346	375	367	397	388	420
28	275	270	314	378	409	402	435	426	461	450	487
30	316	310	360	434	469	461	499	489	529	517	559
32	359	352	410	494	534	525	568	557	602	588	636

34	406	398	462	557	603	593	641	628	679	664	718
36	455	446	518	625	676	664	719	704	762	744	805
38	507	497	578	696	753	740	801	785	849	829	896
40	562	550	640	771	834	820	887	869	940	919	993
42	619	607	706	850	919	904	978	959	1040	1010	1100
44	680	666	774	933	1010	993	1070	1050	1140	1110	1200
46	743	728	846	1020	1100	1080	1170	1150	1240	1210	1310

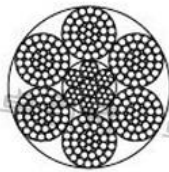
Note : Steel wire min. aggregate breaking strength = Min. breaking strength of steel wire rope × 1.226(fiber Core) or 1.321(steel core).

TYPE:6X37(b) Round Strand Wire Rope

- Rope Construction: 6x37+FC 6x37+IWS 6x37+IWR
- Application: It is used in a variety of lifting, hoisting, and traction equipment.



6*37+FC



6*37+IWR

Rope Nominal Diameter (mm)	Approx. Weight (kg/100m)			Nominal Tensile Strength (MPa)							
				1570		1670		1770		1870	
	Natural Fiber Core	Synthetic Fiber Core	Steel Core	Minimum Breaking Strength(kN)							
Fiber Core				Steel Core	Fiber Core	Steel Core	Fiber Core	Steel Core	Fiber Core	Steel Core	
5	8.65	8.43	10.0	11.6	12.5	12.3	13.3	13.1	14.1	13.8	14.9
6	12.5	12.1	14.4	16.7	18.0	17.7	19.2	18.8	20.3	19.9	21.5
7	17.0	16.5	19.6	22.7	24.5	24.1	26.1	25.6	27.7	27.0	29.2
8	22.1	21.6	25.6	29.6	32.1	31.5	34.1	33.4	36.1	35.3	38.2
9	28.0	27.3	32.4	37.5	40.6	39.9	43.2	42.3	45.7	44.7	48.3
10	34.6	33.7	40.0	46.3	50.1	49.3	53.3	52.2	56.5	55.2	59.7
11	41.9	40.8	48.4	56.0	60.6	59.6	64.5	63.2	68.3	66.7	72.2
12	49.8	48.5	57.5	66.7	72.1	70.9	76.7	75.2	81.3	79.4	85.9
13	58.5	57	67.6	78.3	84.6	83.3	90	88.2	95.4	93.2	101
14	67.8	66.1	78.4	90.8	98.2	96.6	104	102	111	108	117
16	88.6	86.3	102	119	128	126	136	134	145	141	153
18	112	109	130	150	162	160	173	169	183	179	193
20	138	135	160	185	200	197	213	209	226	221	239
22	167	163	194	224	242	238	258	253	273	267	289
24	199	194	230	267	288	284	307	301	325	318	344
26	234	228	270	313	339	333	360	353	382	373	403

28	271	264	314	363	393	386	418	409	443	432	468
30	311	303	360	417	451	443	479	470	508	496	537
32	354	345	410	474	513	504	546	535	578	565	611
34	400	390	462	535	579	570	616	604	653	638	690
36	448	437	518	600	649	638	690	677	732	715	773
38	500	487	578	669	723	711	769	754	815	797	861
40	554	539	640	741	801	788	852	835	903	883	954
42	610	594	706	817	883	869	940	921	996	973	1050
44	670	652	774	897	970	954	1030	1010	1090	1070	1150
46	732	713	846	980	1060	1040	1130	1100	1190	1170	1260
48	797	776	922	1070	1150	1140	1230	1200	1300	1270	1370
50	865	843	1000	1160	1250	1230	1330	1300	1410	1380	1490
52	936	911	1080	1250	1350	1330	1440	1410	1530	1490	1610
54	1010	983	1170	1350	1460	1440	1550	1520	1650	1610	1740
56	1090	1060	1250	1450	1570	1540	1670	1640	1770	1730	1870
58	1160	1130	1350	1560	1680	1660	1790	1760	1900	1860	2010
60	1250	1210	1440	1670	1800	1770	1920	1880	2030	1990	2150
62	1330	1300	1538	1780	1920	1890	2040	2000	2170	2120	2290
64	1420	1380	1638	1890	2050	2010	2180	2130	2310	2250	2440
66	1510	1470	1742	2010	2180	2140	2320	2270	2460	2400	2590

Note : Steel wire min. aggregate breaking strength = Min. breaking strength of steel wire rope × 1.249(fiber Core) or 1.336(steel core).