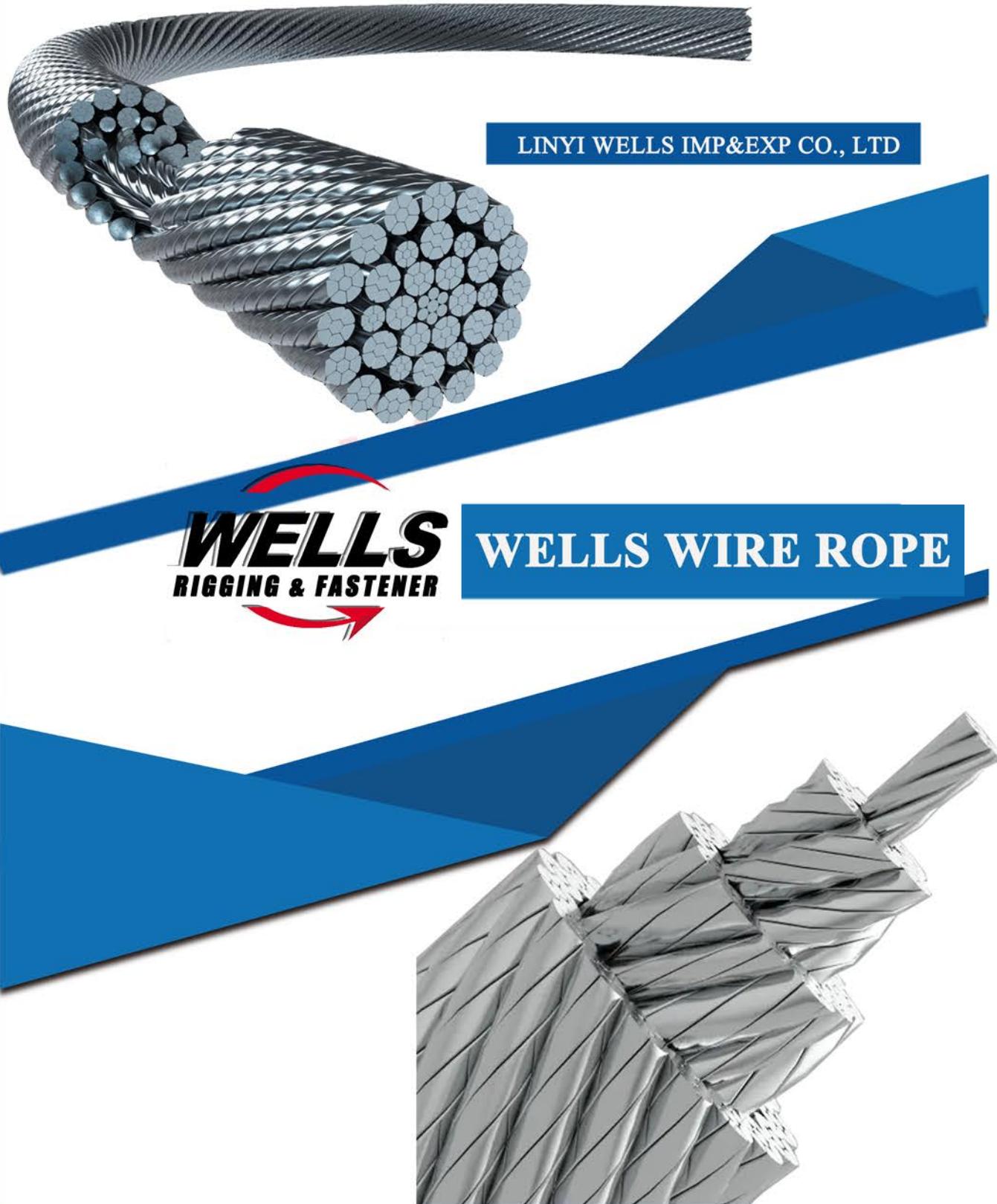




LINYI WELLS IMP&EXP CO., LTD

Add: Room 1104, B-Building, Yigao Shanghai Jie, Linyi City, China  
Tel: 0086-539-7292275/7370659 Fax: 0086-539-8010607  
Mob: 008619653913017 Email: gl@wellsxgt.com





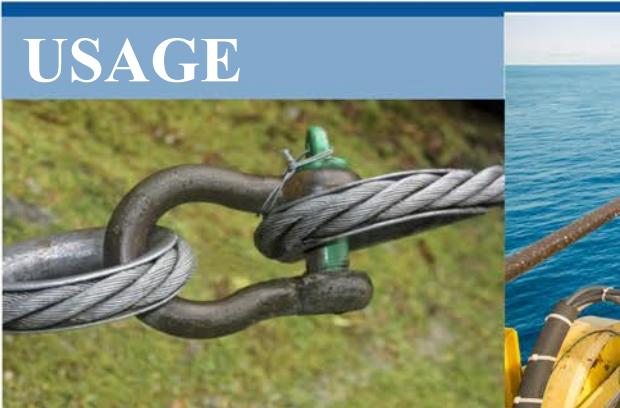
## FACTORY OVERVIEW



1



## EQUIPMENT



## USAGE

2

Form QAT\_10-M06, version 02, effective since October 07<sup>th</sup>, 2022

## ATTESTATION

No. 4Q240111.LWI0D12



Attestation's Holder: Linyi Wells Imp&Exp Co., Ltd.  
Urban Times Square Lanshan District Linyi City



Product: Rigging  
Model(s): LC11-14, SH20-21, TK30-70, HK81-84, WS85, SH91-97, WL001-079, WR98

Verification to: Standard:  
---

related to CE Directive(s):  
2001/95/EC (General Product Safety)

This document has been issued in accordance with the European Commission's note of 14 September 2022 ref. Ares (2022) 6342894 concerning voluntary certifications with a non-notified procedure as it does not fall within the scope of Ente Certificazione Macchine notification under harmonised Union and for products intended for third countries outside the EU market.

The manufacturer has voluntarily decided to submit its documents concerning the above-mentioned product for verification. Ente Certificazione Macchine confirms that the documentation made available and immediately returned to it, as containing sensitive data, meets the essential requirements of the above-mentioned directives. The verification activity carried out exclusively concerned the technical documentation and no verification was carried out on the product. This document cannot replace the EC Declaration of Conformity. The above conformity mark can be affixed to the technical documentation in accordance with the ECM regulation on its issue and use, published on the website [www.entecerma.it](http://www.entecerma.it)

Issuance date: 11 January 2024

Expiry date: 10 January 2029

For online check:



Approver  
Ente Certificazione Macchine  
Legal Representative  
Luca Bedogni



Ente Certificazione Macchine Srl  
Via Ca' Bella, 243 – Loc. Castello di Serravalle – 40053 Valsamoggia (BO) – ITALY  
+39 051 6705141 +39 051 6705156 [info@entecerma.it](mailto:info@entecerma.it) [www.entecerma.it](http://www.entecerma.it)

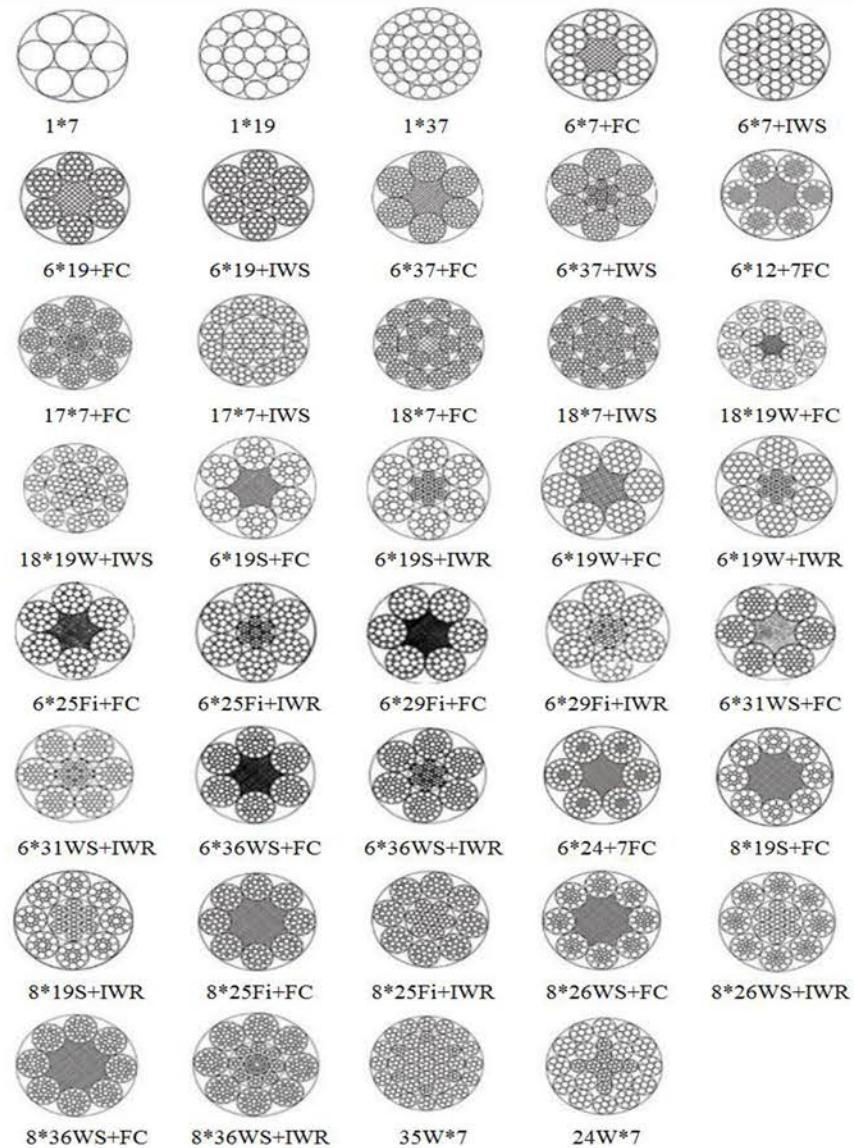


# PACKING



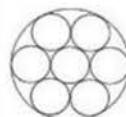
## 钢丝绳典型结构截面图

Typical Cross Sections Of  
Wire Rope & Strand

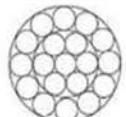


# Steel Wire Rope

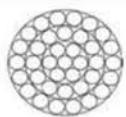
## Technical Parameters



1\*7



1\*19



1\*37

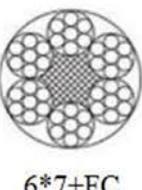
公称直径/mm nominal diameter	参考重量 (kg/100m) approximate weight	钢丝绳公称抗拉强度(MPa) nominal tensile strength			
		1570	1670	1770	1870
		钢丝绳最小破断拉力(KN) minimum breaking load			
1.2	0.75	1.22	1.30	1.38	1.45
1.8	1.69	2.75	2.92	3.10	3.27
2.4	3.01	4.88	5.19	5.51	5.82
3	4.70	7.63	8.12	8.60	9.09
3.6	6.77	11.0	11.7	12.4	13.1
4.2	9.21	15.0	15.9	16.9	17.8
4.5	10.6	17.2	18.3	19.4	20.4
5.1	13.6	22.1	23.5	24.9	26.3
6	18.8	30.5	32.5	34.4	36.4
7.2	27.1	43.9	46.7	49.5	52.3
9	42.3	68.7	73.0	77.4	81.8
10.5	57.6	93.5	99.4	105	111
11.5	69.0	112	119	126	134
12	75.2	122	130	138	145

公称直径/mm nominal diameter	参考重量 (kg/100m) approximate weight	钢丝绳公称抗拉强度(MPa) nominal tensile strength			
		1570	1670	1770	1870
		钢丝绳最小破断拉力(KN) minimum breaking load			
1	0.51	0.83	0.89	0.94	0.99
2	2.03	3.33	3.54	3.75	3.96
3	4.56	7.49	7.97	8.44	8.92
4	8.11	13.3	14.2	15.0	15.9
5	12.7	20.8	22.1	23.5	24.8
6	18.3	30.0	31.9	33.8	35.7
7	24.8	40.8	43.4	46.0	48.6
8	32.4	53.2	56.6	60.0	63.4
9	41.1	67.4	71.7	76.0	80.3
10	50.7	83.2	88.6	93.8	99.1
11	61.3	101	107	114	120
12	73.0	120	127	135	143
13	85.7	141	150	159	167
14	99.4	163	173	184	194
15	114	187	199	211	223

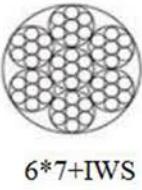
钢丝绳公称直径 nominal diameter (mm)	参考重量 (kg/100m) approximate weight	钢丝绳公称抗拉强度(MPa) nominal tensile strength			
		1570	1670	1770	1870
		钢丝绳最小破断拉力(KN) minimum breaking load			
1.4	0.98	1.51	1.60	1.70	1.80
2.8	3.93	6.03	6.42	6.80	7.18
3.5	6.14	9.42	10.0	10.6	11.2
4.9	12.0	18.5	19.6	20.8	22.0
5.6	15.7	24.1	25.7	27.2	28.7
7	24.5	37.7	40.1	42.5	44.9
8.4	35.4	54.3	57.7	61.2	64.7
9.8	48.1	73.9	78.6	83.3	88.0
11	60.6	93.1	99.0	105	111
12	72.1	111	118	125	132
14	98.2	151	160	170	180
17	145	222	236	251	265
18	162	249	265	281	297
21	221	339	361	382	404

# Steel Wire Rope

## Technical Parameters



6\*7+FC

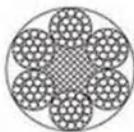


6\*7+IWS

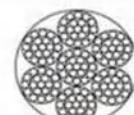
钢丝绳公称直径 nominal diameter (mm)	参考重量 (kg/100m) approximate weight	钢丝绳公称抗拉强度(MPa) nominal tensile strength			
		1570	1670	1770	1870
		钢丝绳最小破断拉力(KN) minimum breaking load			
1.8	1.14	1.11	1.25	1.69	1.83
2	1.40	1.38	1.55	2.08	2.25
3	3.16	3.10	3.48	4.69	5.07
4	5.62	5.50	6.19	8.34	9.02
5	8.78	8.60	9.68	13.0	14.1
6	12.6	12.4	13.9	18.8	20.3
7	17.2	16.9	19.0	25.5	27.6
8	22.5	22.0	24.8	33.4	36.1
9	28.4	27.9	31.3	42.2	45.7
10	35.1	34.4	38.7	52.1	56.4
11	42.5	41.6	46.8	63.1	68.2
12	50.5	49.5	55.7	75.1	81.2
13	59.3	58.1	65.4	88.1	95.3
14	68.8	67.4	75.9	102	110
16	89.9	88.1	99.1	133	144
18	114	111	125	169	183
20	140	138	155	208	225
22	170	166	187	252	273
24	202	198	223	300	325
26	237	233	262	352	381
28	275	270	303	409	442
30	316	310	348	469	507
32	359	352	396	534	577
34	406	398	447	603	652
36	455	446	502	676	730

# Steel Wire Rope

## Technical Parameters



6\*19+FC

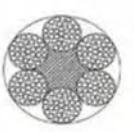


6\*19+IWS

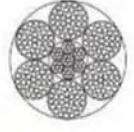
钢丝绳公称直径 nominal diameter(mm)	参考重量 (kg/100m) approximate weight		钢丝绳公称抗拉强度(MPa) nominal tensile strength								
			1570		1670		1770		1870		
	钢丝绳最小破断拉力(KN) minimum breaking load										
	天然 纤维芯 NF	合成 纤维芯 SF	钢芯 IWR IWS	纤维芯 FC	钢芯 IWR IWS	纤维芯 FC	钢芯 IWR IWS	纤维芯 FC	钢芯 IWR IWS	纤维芯 FC	
3	3.16	3.10	3.60	4.34	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	44.0	47.6	46.5	50.3
10	35.1	34.4	40.0	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	62.0	67.1	65.8	71.1	69.5	75.1
12	50.5	50.0	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	97.0	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

# Steel Wire Rope

## Technical Parameters



6\*37+FC

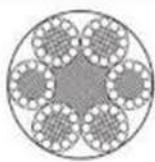


6\*37+IWS

钢丝绳公称直径 nominal diameter(mm)	参考重量(kg/100m) approximate weight		钢丝绳公称抗拉强度(MPa) nominal tensile strength								
			1570		1670		1770		1870		
	钢丝绳最小破断拉力(KN) minimum breaking load										
	天然 纤维芯 NF	合成 纤维芯 SF	钢芯 IWR IWS	纤维芯 FC	钢芯 IWR IWS	纤维芯 FC	钢芯 IWR IWS	纤维芯 FC	钢芯 IWR IWS	纤维芯 FC	
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	57.6	66.7	72.1	70.9	76.7	75.2	81.3	79.4	85.9
13	58.5	57.0	67.6	78.3	84.6	83.3	90.0	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

# Steel Wire Rope

## Technical Parameters

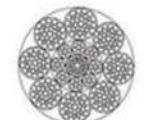


6\*12+7FC

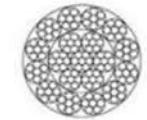
铜丝绳公称直径 /mm nominal diameter	参考重量(kg/100m) approximate weight		钢丝绳公称抗拉强度(Mpa) nominal tensile strength			
			1470	1570	1670	1770
	钢丝绳最小破断拉力(KN) minimum breaking load					
天然纤维芯 NF	合成纤维芯 SF	纤维芯 FC	纤维芯 FC	纤维芯 FC	纤维芯 FC	纤维芯 FC
3	2.26	2.08	2.77	2.95	3.14	3.33
4	4.02	3.7	4.92	5.25	5.58	5.92
5	6.28	5.78	7.68	8.2	8.73	9.25
6	9.04	8.32	11.1	11.8	12.6	13.3
7	12.3	11.3	15.1	16.1	17.1	18.1
8	16.1	14.8	19.7	21.0	22.3	23.7
9	20.3	18.7	24.9	26.6	28.3	30.0
10	25.1	23.1	30.7	32.8	34.9	37.0
11	30.4	28.0	37.2	39.7	42.2	44.8
12	36.1	33.3	44.2	47.3	50.3	53.3
13	42.4	39.0	51.9	55.5	59.0	62.5
14	49.2	45.3	60.2	64.3	68.4	72.5
16	64.3	59.1	78.7	84.0	89.4	94.7
18	81.3	74.8	99.5	106	113	120
20	100	92.4	123	131	140	148
22	121	112	149	159	169	179
24	145	133	177	189	201	213
26	170	156	208	222	236	250
28	197	181	241	257	274	290
32	257	237	315	336	357	379

# Steel Wire Rope

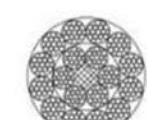
## Technical Parameters



17\*7+FC



17\*7+IWS



18\*7+FC



18\*7+IWS



18\*19W+FC

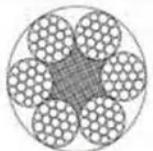


18\*19W+IWS

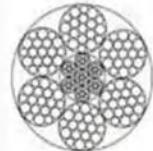
铜丝绳公称直径 nominal diameter(mm)	参考重量 (Kg/100m) approximate weight		钢丝绳公称抗拉强度(MPa) nominal tensile strength												
			1570	1670	1770	1870	1960	钢丝绳最小破断拉力(KN) minimum breaking load							
	纤维芯 FC	钢芯 IWR IWS	纤维芯 FC	钢芯 IWR IWS	纤维芯 FC	钢芯 IWR IWS	纤维芯 FC	钢芯 IWR IWS	纤维芯 FC	钢芯 IWR IWS	纤维芯 FC	钢芯 IWR IWS			
6	14.0	15.5	17.5	18.5	18.6	19.7	19.8	20.9	20.9	22.1	21.9	23.1			
7	19.1	21.1	23.8	25.2	25.4	26.8	26.9	28.4	28.4	30.1	29.8	31.5			
8	25.0	27.5	31.1	33.0	33.1	35.1	35.1	37.2	37.1	39.3	38.9	41.1			
9	31.6	34.8	39.4	41.7	41.9	44.4	44.4	47.0	47.0	49.7	49.2	52.1			
10	39.0	43.0	48.7	51.5	51.8	54.8	54.9	58.1	58.0	61.3	60.8	64.3			
11	47.2	52.0	58.9	62.3	62.6	66.4	66.4	70.2	70.1	74.2	73.5	77.8			
12	56.2	61.9	70.1	74.2	74.5	78.9	79.0	83.6	83.5	88.3	87.5	92.6			
13	65.9	72.7	82.3	87.0	87.5	92.6	92.7	98.1	98.0	104	103	109			
14	76.4	84.3	95.4	101	101	107	108	114	114	120	119	126			
16	99.8	110	125	132	133	140	140	149	148	157	156	165			
18	126	139	158	167	168	177	178	188	188	199	197	208			
20	156	172	195	206	207	219	219	232	232	245	243	257			
22	189	208	236	249	251	265	266	281	281	297	294	311			
24	225	248	280	297	298	316	316	334	334	353	350	370			
26	264	291	329	348	350	370	371	392	392	415	411	435			
28	306	337	382	404	406	429	430	455	454	481	476	504			
30	351	387	438	463	466	493	494	523	522	552	547	579			
32	399	440	498	527	530	561	562	594	594	628	622	658			
34	451	497	563	595	598	633	634	671	670	709	702	743			
36	505	557	631	667	671	710	711	752	751	795	787	833			
38	563	621	703	744	748	791	792	838	837	886	877	928			
40	624	688	779	824	828	876	878	929	928	981	972	1030			
42	688	759	859	908	913	966	968	1020	1020	1080	1070	1130			
44	755	832	942	997	1000	1060	1060	1120	1120	1190	1180	1240			

# Steel Wire Rope

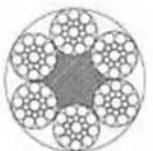
## Technical Parameters



6\*19W+FC



6\*19W+IWR



6\*19S+FC



6\*19S+IWR

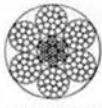
钢丝绳公称直径 nominal diameter (mm)	参考重量(kg/100m) approximate weight		钢丝绳公称抗拉强度(MPa) nominal tensile strength												
			1570		1670		1770		1870		1960		2160		
	钢丝绳最小破断拉力(KN) minimum breaking load														
	天然 纤维芯 NF	合成 纤维芯 SF	钢芯 IWR IWS	纤维芯 FC	钢芯 IWR IWS	纤维芯 FC	钢芯 IWR IWS	纤维芯 FC	钢芯 IWR IWS	纤维芯 FC	钢芯 IWR IWS	纤维芯 FC	钢芯 IWR IWS	纤维芯 FC	
6	13.3	13.0	14.6	18.7	20.1	19.8	21.4	21.0	22.7	22.2	24.0	23.3	25.1	25.7	27.7
7	18.1	17.6	19.9	25.4	27.4	27.0	29.1	28.6	30.9	30.2	32.6	31.7	34.2	34.9	37.7
8	23.6	23.0	25.9	33.2	35.8	35.3	38.0	37.4	40.3	39.5	42.6	41.4	44.6	45.6	49.2
9	29.9	29.1	32.8	42.0	45.3	44.6	48.2	47.3	51.0	50.0	53.9	52.4	56.5	57.7	62.3
10	36.9	36.0	40.6	51.8	55.9	55.1	59.5	58.4	63.0	61.7	66.6	64.7	69.8	71.3	76.9
11	44.6	43.5	49.1	62.7	67.6	66.7	71.9	70.7	76.2	74.7	80.6	78.3	84.4	86.2	93
12	53.1	51.8	58.4	74.6	80.5	79.4	85.6	84.1	90.7	88.9	95.9	93.1	100	103	111
13	62.3	60.8	68.5	87.6	94.5	93.1	100	98.7	106	104	113	109	118	120	130
14	72.2	70.5	79.5	102	110	108	117	114	124	121	130	127	137	140	151
16	94.4	92.1	104	133	143	141	152	150	161	158	170	166	179	182	197
18	119	117	131	168	181	179	193	189	204	200	216	210	226	231	249
20	147	144	162	207	224	220	238	234	252	247	266	259	279	285	308
22	178	174	196	251	271	267	288	283	305	299	322	313	338	345	372
24	212	207	234	298	322	317	342	336	363	355	383	373	402	411	443
26	249	243	274	350	378	373	402	395	426	417	450	437	472	482	520
28	289	282	318	406	438	432	466	458	494	484	522	507	547	559	603
30	332	324	365	466	503	496	535	526	567	555	599	582	642	692	
32	377	369	415	531	572	564	609	598	645	632	682	662	715	730	787
34	426	416	469	599	646	637	687	675	728	713	770	748	807	824	889
36	478	466	525	671	724	714	770	757	817	800	863	838	904	924	997
38	532	520	585	748	807	796	858	843	910	891	961	934	1010	1030	1110
40	590	576	649	829	894	882	951	935	1010	987	1070	1030	1120	1140	1230

# Steel Wire Rope

## Technical Parameters



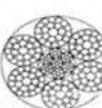
6\*25Fi+FC



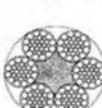
6\*25Fi+IWR



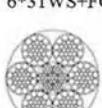
6\*29Fi+FC



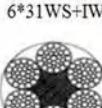
6\*29Fi+IWR



6\*31WS+FC



6\*31WS+IWR



6\*36WS+FC

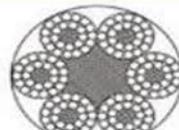


6\*36WS+IWR

钢丝绳公称直径 nominal diameter (mm)	参考重量(kg/100m) approximate weight		钢丝绳公称抗拉强度(MPa) nominal tensile strength												
			1570		1670		1770		1870		1960		2160		
	钢丝绳最小破断拉力(KN) minimum breaking load														
	天然 纤维芯 NF	合成 纤维芯 SF	钢芯 IWR IWS	纤维芯 FC	钢芯 IWR IWS	纤维芯 FC	钢芯 IWR IWS	纤维芯 FC	钢芯 IWR IWS	纤维芯 FC	钢芯 IWR IWS	纤维芯 FC	钢芯 IWR IWS	纤维芯 FC	
8	24.3	23.7	26.8	33.2	35.8	35.3	38.0	37.4	40.3	39.5	42.6	41.4	44.7	45.6	49.2
10	38.0	37.1	41.8	51.8	55.9	55.1	59.5	58.4	63.0	61.7	66.6	64.7	69.8	71.3	76.9
12	54.7	53.4	60.2	74.6	80.5	79.4	85.6	84.1	90.7	88.9	95.9	93.1	100	103	111
13	64.2	62.7	70.6	87.6	94.5	93.1	100	98.7	106	104	113	109	118	120	130
14	74.5	72.7	81.9	102	110	108	117	114	124	121	130	127	137	140	151
16	97.3	95.0	107	133	143	141	152	150	161	158	170	166	179	182	197
18	123	120	135	168	181	179	193	189	204	200	216	210	226	231	249
20	152	148	167	207	224	220	238	234	252	247	266	259	279	285	308
22	184	180	202	251	271	267	288	283	305	299	322	313	338	345	372
24	219	214	241	298	322	317	342	336	363	355	383	373	402	411	443
26	257	251	283	350	378	373	402	395	426	417	450	437	472	482	520
28	298	291	328	406	438	432	466	458	494	484	522	507	547	559	603
30	342	334	376	466	503	496	535	526	567	555	599	582	628	642	692
32	389	380	428	531	572	564	609	598	645	632	682	662	715	730	787
34	439	429	483	599	646	637	687	675	728	713	770	748	807	824	889
36	492	481	542	671	724	714	770	757	817	800	863	838	904	924	997
38	549	536	604	748	807	796	858	843	910	891	961	934	1010	1030	1110
40	608	594	669	829	894	882	951	935	1010	987	1070	1030	1120	1140	1230
42	670	654	737	914	986	972	1050	1030	1110	1090	1170	1140	1230	1260	1360
44	736	718	809	1000	1080	1070	1150	1130	1220	1190	1290	1250	1350	1380	1490
46	804	785	884	1100	1180	1170	1260	1240	1330	1310	1410	1370	1480	1510	1630
48	876	855	963	1190	1290	1270	1350	1450	1420	1530	1490	1610	1640	1770	
50	950	928	1040	1300	1400	1380	1490	1460	1580	1540	1660	1620	1740	1780	1920
52	1030	1000	1130	1400	1510	1490	1610	1580	1700	1670	1800	1750	1890	1930	2080
54	1110	1080	1220	1510	1630	1610	1730	1700	1840	1800	1940	1890	2030	2080	2240
56	1190	1160	1310	1620	1750	1730	1860	1830	1980	1940	2090	20			

# Steel Wire Rope

## Technical Parameters

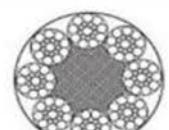


6\*24+7FC

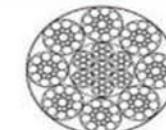
钢丝绳公称直径 nominal diameter(mm)	参考重量 (kg/100m) approximate weight		钢丝绳公称抗拉强度(MPa) nominal tensile strength			
			1570	1670	1770	1870
	钢丝绳最小破断拉力(KN) minimum breaking load					
天然纤维芯 NF	合成纤维芯 SF	纤维芯 FC	纤维芯 FC	纤维芯 FC	纤维芯 FC	纤维芯 FC
8	20.4	19.5	26.3	28.1	29.9	31.7
9	25.8	24.6	33.3	35.6	37.9	40.1
10	31.8	30.4	41.2	44.0	46.8	49.6
12	45.8	43.8	59.3	63.3	67.3	71.4
14	62.3	59.6	80.7	86.2	91.6	97.1
18	103	98.5	133	142	152	161
20	127	122	165	176	187	198
24	183	175	237	253	269	285
28	249	238	323	345	367	389
32	326	311	421	450	479	507
36	412	394	533	570	606	642
40	509	486	659	703	748	793

# Steel Wire Rope

## Technical Parameters



8\*19S+FC

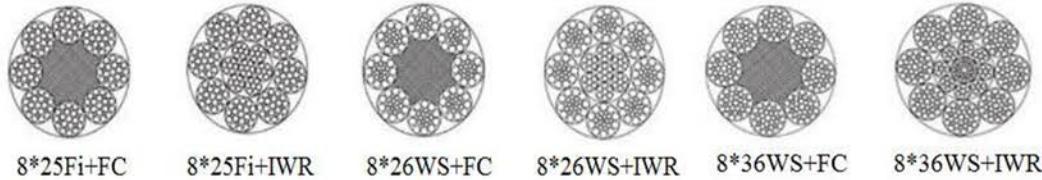


8\*19S+IWR

钢丝绳公称直径 nominal diameter (mm)	参考重量(kg/100m) approximate weight		钢丝绳公称抗拉强度(MPa) nominal tensile strength												
			1570	1670	1770	1870	1960	2160	1570	1670	1770	1870			
	天然纤维芯 IWR IWS	合成纤维芯 SF	纤维芯 FC	纤维芯 IWR IWS	纤维芯 FC	纤维芯 IWR IWS	纤维芯 FC	纤维芯 IWR IWS	纤维芯 FC	纤维芯 IWR IWS	纤维芯 FC	纤维芯 IWR IWS			
10	34.6	33.4	42.2	46.0	54.3	48.9	57.8	51.9	61.2	54.8	64.7	57.4	67.8	63.3	74.7
11	41.9	40.4	51.1	55.7	65.7	59.2	69.9	62.8	74.1	66.3	78.3	69.5	82.1	76.6	90.4
12	49.9	48.0	60.8	66.2	78.2	70.5	83.2	74.7	88.2	78.9	93.2	82.7	97.7	91.1	108
13	58.5	56.4	71.3	77.7	91.8	82.7	97.7	87.6	103	92.6	109	97.1	115	107	126
14	67.9	65.4	82.7	90.2	106	95.9	113	102	120	107	127	113	133	124	146
16	88.7	85.4	108	118	139	125	148	133	157	140	166	147	174	162	191
18	112	108	137	149	176	159	187	168	198	178	210	186	220	205	242
20	139	133	169	184	217	196	231	207	245	219	259	230	271	253	299
22	168	162	204	223	263	237	280	251	296	265	313	278	328	306	362
24	199	192	243	265	313	282	333	299	353	316	373	331	391	365	430
26	234	226	285	311	367	331	391	351	414	370	437	388	458	428	505
28	271	262	331	361	426	384	453	407	480	430	507	450	532	496	586
30	312	300	380	414	489	440	520	467	551	493	582	517	610	570	673
32	355	342	432	471	556	501	592	531	627	561	663	588	694	648	765
34	400	386	488	532	628	566	668	600	708	633	748	664	784	732	864
36	449	432	547	596	704	634	749	672	794	710	839	744	879	820	969
38	500	482	609	664	784	707	834	749	884	791	934	829	979	914	1080
40	554	534	675	736	869	783	925	830	980	877	1040	919	1090	1010	1200
42	611	589	744	811	958	863	1020	915	1080	967	1140	1010	1200	1120	1320
44	670	646	817	891	1050	947	1120	1000	1190	1060	1250	1110	1310	1230	1450
46	733	706	893	973	1150	1040	1220	1100	1300	1160	1370	1220	1430	1340	1580
48	798	769	972	1060	1250	1130	1330	1190	1410	1260	1490	1320	1560	1460	1720

# Steel Wire Rope

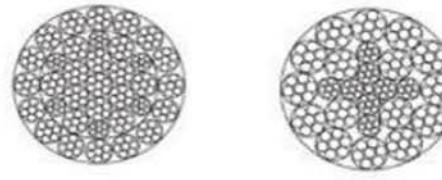
## Technical Parameters



钢丝绳公称直径 nominal diameter (mm)	参考重量(kg/100m) approximate weight		钢丝绳公称抗拉强度(MPa) nominal tensile strength												
			1570		1670		1770		1870		1960		2160		
	钢丝绳最小破断拉力(KN) minimum breaking load														
	天然纤维芯 NF	合成纤维芯 SF	钢芯 IWR	纤维芯 FC	钢芯 IWR	纤维芯 FC	钢芯 IWR	纤维芯 FC	钢芯 IWR	纤维芯 FC	钢芯 IWR	纤维芯 FC	钢芯 IWR	IWS	
14	70.0	67.4	85.3	90.2	106	95.9	113	102	120	107	127	113	133	124	146
16	91.4	88.1	111	118	139	125	148	133	157	140	166	147	174	162	191
18	116	111	141	149	176	159	187	168	198	178	210	186	220	205	242
20	143	138	174	184	217	196	231	207	245	219	259	230	271	253	299
22	173	166	211	223	263	237	280	251	296	265	313	278	328	306	362
24	206	198	251	265	313	282	333	299	353	316	373	331	391	365	430
26	241	233	294	311	367	331	391	351	414	370	437	388	458	428	505
28	280	270	341	361	426	384	453	407	480	430	507	450	532	496	586
30	321	310	392	414	489	440	520	467	551	493	582	517	610	570	673
32	366	352	445	471	556	501	592	531	627	561	663	588	694	648	765
34	413	398	503	532	628	566	668	600	708	633	748	664	784	732	864
36	463	446	564	596	704	634	749	672	794	710	839	744	879	820	969
38	516	497	628	664	784	707	834	749	884	791	934	829	979	914	1080
40	571	550	696	736	869	783	925	830	980	877	1040	919	1090	1010	1230
42	630	607	767	811	958	863	1020	915	1080	967	1140	1010	1200	1120	1320

# Steel Wire Rope

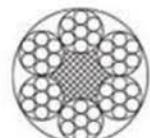
## Technical Parameters



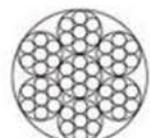
钢丝绳公称直径 nominal diameter (mm)	参考重量(kg/100m) approximate weight		钢丝绳公称抗拉强度(MPa) nominal tensile strength						
			1570	1670	1770	1870	1960	2160	
钢丝绳最小破断拉力(KN) minimum breaking load									
	1570	1670	1770	1870	1960	2160			
16	118	145	154	163	172	181	199		
18	149	183	195	206	218	229	252		
20	184	226	240	255	269	282	311		
22	223	274	291	308	326	342	376		
24	265	326/	346	367	388	406	448		
26	311	382	406	431	455	477	526		
28	414	443	471	500	528	553	610		
30	361	509	541	573	606	635	700		
32	471	579	616	652	689	723	796		
34	532	653	695	737	778	816	899		
36	596	732	779	826	872	914	1010		
38	664	816	868	920	972	1020	1120		
40	736	904	962	1020	1080	1130	1240		
42	811	997	1060	1120	1190	1240	1370		
44	891	1090	1160	1230	1300	1370	1510		
46	973	1200	1270	1350	1420	1490	1650		
48	1060	1300	1390	1470	1550	1630	1790		
50	1150	1410	1500	1590	1680	1760	1940		

## PVC Coated Wire Rope

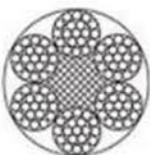
## Technical Parameters



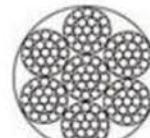
6\*7+FC



6\*7+IWS



6\*19+FC

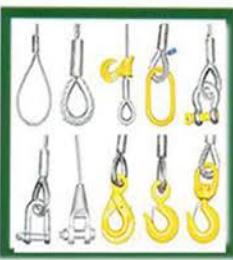


6\*19+IWS

钢丝绳公称直径 nominal diameter (mm)	钢丝绳公称抗拉强度(MPa) nominal tensile strength							
	参考重量(kg/100m) approximate weight		1670		1770		1960	
	纤维芯 FC	钢芯 IWR/IWS	纤维芯 FC	钢芯 IWR/IWS	纤维芯 FC	钢芯 IWR/IWS	纤维芯 FC	钢芯 IWR/IWS
1.5-2.0	1.01	1.08	1.28	1.35	1.32	1.43	1.46	1.58
2.0-3.0	2.03	2.17	2.22	2.40	2.35	2.54	2.60	2.81
2.0-4.0	2.90	3.05	2.22	2.40	2.35	2.54	2.60	2.81
3.0-4.0	4.03	4.36	4.99	5.40	5.29	5.72	5.85	6.33
3.0-5.0	5.16	5.48	4.99	5.40	5.29	5.72	5.85	6.33
4.0-5.0	6.74	7.32	8.87	9.59	9.40	10.2	10.40	11.3
4.0-6.0	8.12	8.69	8.87	9.57	9.40	10.2	10.40	11.3
5.0-6.0	10.21	11.1	13.9	15.0	14.7	15.9	16.3	17.6
5.0-7.0	11.8	12.7	13.9	15.0	14.7	15.9	16.3	17.6
6.0-8.0	16.11	17.4	20.0	21.6	21.2	22.9	23.4	25.3
8.0-10.0	27.0	29.3	35.5	38.4	37.6	40.7	41.6	45.0
10.0-12.0	40.1	43.2	55.4	60.0	58.8	63.5	65.1	70.4
3.0-4.0	4.04	4.48	4.61	4.99	4.89	5.29	5.41	5.86
3.0-5.0	5.16	5.60	4.61	4.99	4.89	5.29	5.41	5.86
4.0-5.0	6.75	7.53	8.20	8.87	8.69	9.40	9.63	10.40
4.0-6.0	8.12	8.90	8.20	8.87	8.69	9.40	9.63	10.40
5.0-6.0	10.2	11.4	12.8	13.9	13.6	14.7	15.0	16.3
5.0-7.0	11.8	13.0	12.8	13.9	13.6	14.7	15.0	16.3
6.0-8.0	16.1	17.9	18.5	20.0	19.6	21.2	21.7	23.4
8.0-10.0	27.0	30.1	32.8	35.5	34.8	37.6	38.51	41.6
10.0-12.0	40.11	45.5	51.3	55.4	54.4	58.8	60.2	65.1
12.0-14.0	57.0	64.1	73.8	79.8	78.2	84.6	86.6	93.7
14.0-16.0	76.31	85.9	100	109	107	115	118	127

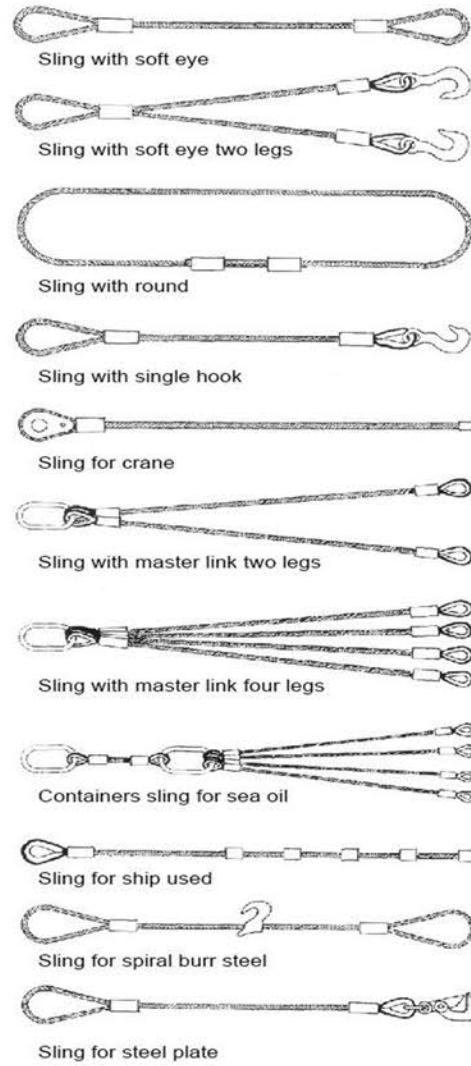
## Wire Rope Sling

## Technical Parameters

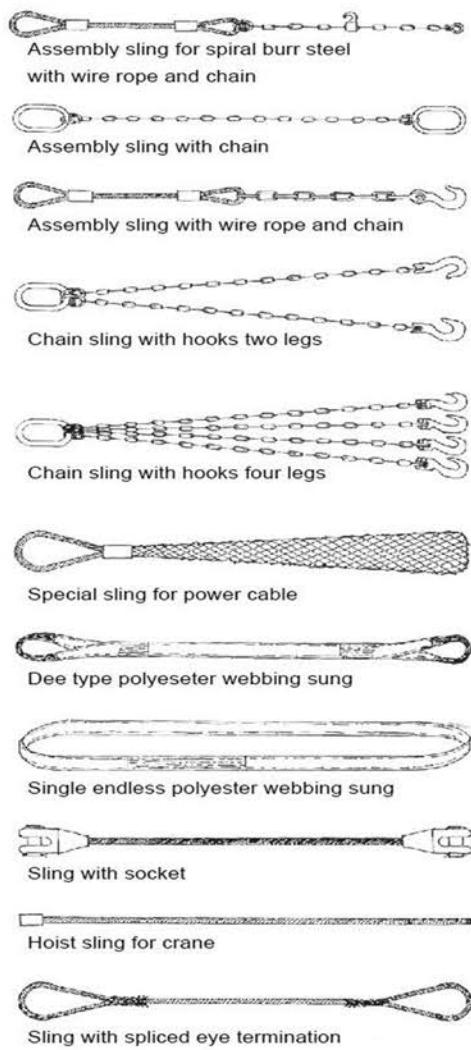


# Wire Rope Sling

## Types of Sling



## Technical Parameters



# Wire Rope Sling

## Wire Rope End Terminations

