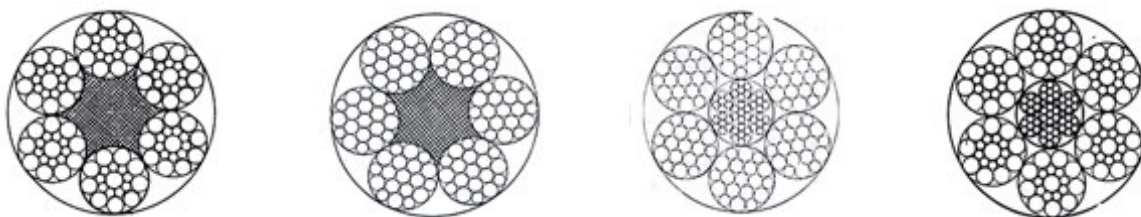


## WIRE ROPE

### Wire Rope

Wire rope is widely used for oilfield rig drilling. Main constructions of wire rope are: 6x19S+FC 6x19S+IWR 6x19W+FC 6x19W+IWR.

The 6 x 19 classification of wire ropes includes standard 6 strands, round strand ropes with 16 through 26 wires per strand. Diameter ranges in a variety of wire ropes of point contact, line contact and surface contact. The tensile strength of wire rope can reach Grade 2160 or EEIPS.



### Technical Specification of Wire Rope

Rope Diameter	Approx Weight			Tensile Strength									
				1570		1670		1770		1870		1960	
	Natural Fiber Core	Synthetic Fiber Core	Steel Core	Fiber Core	Steel Core	Fiber Core	Steel Core	Fiber Core	Steel Core	Fiber Core	Steel Core	Fiber Core	Steel Core
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
13	62.3	60.8	68.5	87.6	94.5	93.1	100	98.7	106	104	113	109	118
14	72.2	70.5	79.5	102	110	108	117	114	124	121	130	127	137
16	94.4	92.1	104	133	143	141	152	150	161	158	170	166	179
18	119	117	131	168	181	179	193	189	204	200	216	210	226
20	147	144	162	207	224	220	238	234	252	247	266	259	279
22	178	174	196	251	271	267	288	283	304	299	322	313	338
24	212	207	234	298	322	317	342	336	363	355	383	373	402
26	249	243	274	350	378	373	402	393	426	417	450	437	472
28	289	282	318	406	438	432	466	458	494	484	522	507	547
30	332	324	365	466	503	496	535	526	567	555	599	582	628
32	377	369	415	531	572	564	609	598	645	632	682	662	715
34	426	416	469	599	646	637	687	675	728	713	770	748	807
36	478	466	525	671	724	714	770	757	817	800	863	838	904
38	532	520	585	748	807	796	858	843	910	891	961	934	1010
40	590	576	649	829	894	882	951	935	1010	987	1070	1030	1120
42	670	654	737	914	986	972	1049	1030	1112	1088	1174	1141	1231

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