STEEL WIRE ROPE

6X19W+FC Steel Wire Rope

ISO9001 Supplier

Class Certificate

Export Supply

Wire Rope Definition a. Wires: steel wires for wire ropes are normally made of non-alloy carbon steel with a carbon content of 0.4 to 0.95%. The tensile forces and to run over sheaves with relatively small diameters. ...



Key Highlights

Category	Steel Wire Rope
Standard	DIN
Material	SS Galvanized
Weight / Size	6X19W+FC Steel Wire Rope Construction 6X19W+FC Steel Wire Rope Parameter...
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications			
Category	Steel Wire Rope	**Model / SKU**	6X19W-FC-Steel-Wire-Rope
Standard	DIN	**Material**	SS Galvanized
Weight / Size	6X19W+FC Steel Wire Rope Construction 6X19W+FC Steel Wire Rope Parameters Diameter MM Approx.Weight Minimun Breaking Load of Rope (KN) Kg/100m 1570Mpa 1670Mpa NF SF IWR FC IWR FC IWR 32 427 419 452 596 633 634 673 34 482 473 511 673 714 716 760 36 541 530 573 754 801 803 852 48 602 590 638 841 892 894 949 40 667 654 707 931 988 991 1050 42 736 721 779 1030 1090 1090 1160 44 808 792 855 1130 1200 1200 1270 46 886 865 935 1230 1310 1310 1390 58 961 942 1020 1340 1420 1430 1510 50 1040 1020 1100 1460 1540 1550 1640 52 1130 1110 1190 1570 1670 1670 1780 Diameter MM Minimun Breaking Load of Rope (KN) 1770Mpa 1870Mpa 1960Mpa FC IWR FC IWR FC IWR 32 672 713 710 753 744 790 34 759 805 802 851 840 891 36 851 903 899 954 942 999 48 948 1010 1000 1060 1050 1110 40 1050 1110 1110 1180 1160 1230 42 1160 1230 1220 1330 1280 1360 44 1270 1350 1340 1420 1410 1490 46 1390 1470 1470 1560 1540 1630 58 1510 1600 1600 1700 1670 1780 50 1640 1740 1730 1840 1820 1930 52 1770 1880 1870 1990 1970 2090 Applications Mine hoisting, blast furnace hoisting, large casting, oil drilling, forestry and marine industries,all kinds ofelevator, large hoisting, ground cable car ships and offshore facilities, cable railing.	**Surface**	galvanized
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS	**Warranty**	12 Months unless specified otherwise
Origin	China		

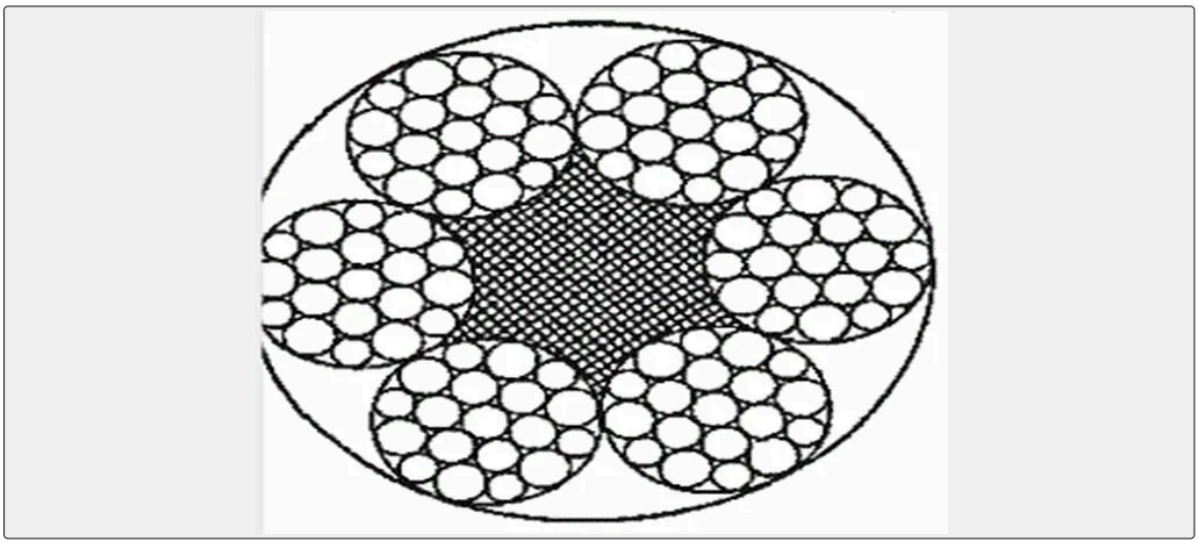
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Wire Rope Definition

a. Wires: steel wires for wire ropes are normally made of non-alloy carbon steel with a carbon content of 0.4 to 0.95%. The tensile forces and to run over sheaves with relatively small diameters.
b. Strand: the strand is a component of wire rope usually consisting of an assembly of wires of appropriate diamsions laid helically in one or more layers around a central element.
c. Core: the core is the central element, of fiber or steel, around which are laid helically the outer strands of wire rope. The core provides proper support for the strands under normal bending and loading conditions.
d. Wire rope is several strands of metal wire twisted into a helix forming a composite "rope", in a pattern known as "laid rope". Larger diameter wire rope consists of multiple strands.

6X19W+FC Steel Wire Rope Construction



6X19W+FC Steel Wire Rope Parameters

Diameter MM	Approx.Weight			Minimun Breaking Load of Rope（KN)			
	Kg/100m			1570Mpa		1670Mpa	
	NF	SF	IWR	FC	IWR	FC	IWR
32	427	419	452	596	633	634	673
34	482	473	511	673	714	716	760
36	541	530	573	754	801	803	852
48	602	590	638	841	892	894	949
40	667	654	707	931	988	991	1050
42	736	721	779	1030	1090	1090	1160
44	808	792	855	1130	1200	1200	1270
46	886	865	935	1230	1310	1310	1390

58	961	942	1020	1340	1420	1430	1510
50	1040	1020	1100	1460	1540	1550	1640
52	1130	1110	1190	1570	1670	1670	1780

Diameter MM	Minimun Breaking Load of Rope（KN)					
	1770Mpa		1870Mpa		1960Mpa	
	FC	IWR	FC	IWR	FC	IWR
32	672	713	710	753	744	790
34	759	805	802	851	840	891
36	851	903	899	954	942	999
48	948	1010	1000	1060	1050	1110
40	1050	1110	1110	1180	1160	1230
42	1160	1230	1220	1330	1280	1360
44	1270	1350	1340	1420	1410	1490
46	1390	1470	1470	1560	1540	1630
58	1510	1600	1600	1700	1670	1780
50	1640	1740	1730	1840	1820	1930
52	1770	1880	1870	1990	1970	2090

Applications

Mine hoisting, blast furnace hoisting, large casting, oil drilling, forestry and marine industries,all kinds ofelevator, large hoisting, ground cable car ships and offshore facilities, cable railing.

How To Choose Material:

1.stainless steel :
providing good corrosion resistance and strength comparable to galvanized carbon steel grades.
2.galvanized steel:
Zinc coated carbon steel offers some corrosion resistance. It remains ductile over long periods of working. Usually higher break strengths than stainless steels.

Packaging

