

Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

STEEL WIRE ROPE

6X24+7FC Steel Wire Rope

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. ...

ISO9001 Supplier

Class Certificate

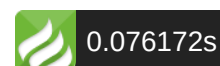
Export Supply



Key Highlights

Category	Steel Wire Rope
Standard	DIN
Material	SS Galvanized
Weight / Size	6X24+7FC Steel Wire Rope Construction 6X24+7FC Steel Wire Rope Parameter...
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

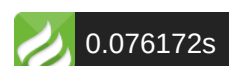
We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.



Technical Specifications			
Category	Steel Wire Rope	Model / SKU	6X24-7FC-Steel-Wire-Rope
Standard	DIN	Material	SS Galvanized
Weight / Size	<p>6X24+7FC Steel Wire Rope Construction 6X24+7FC Steel Wire Rope Parameters Diameter MM Approx.Weight Minimum Breaking Load of Rope (KN) Kg/100m 1470Mpa 1570Mpa 1670Mpa 1770Mpa NF SF 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 46.8 49.6 11 38.5 36.8 49.8 53.2 56.6 60 12 45.8 43.8 59.3 63.3 67.3 71.4 13 53.7 51.4 69.6 74.3 79 83.8 14 62.3 59.6 80.7 86.2 91.6 97.1 16 81.4 77.8 105 113 120 127 18 103 98.5 133 142 152 161 20 127 122 165 176 187 198 22 154 147 199 213 226 240 24 183 175 237 253 269 285 26 215 206 278 297 316 335 28 249 238 323 345 367 389 30 286 274 370 396 421 446 32 326 311 421 450 479 507 34 368 351 476 508 541 573 36 412 394 533 570 606 642 38 459 439 594 635 675 716 40 509 486 659 703 748 793 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.</p>	Surface	galvanized
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS	Warranty	12 Months unless specified otherwise
Origin	China		

CONTENTS

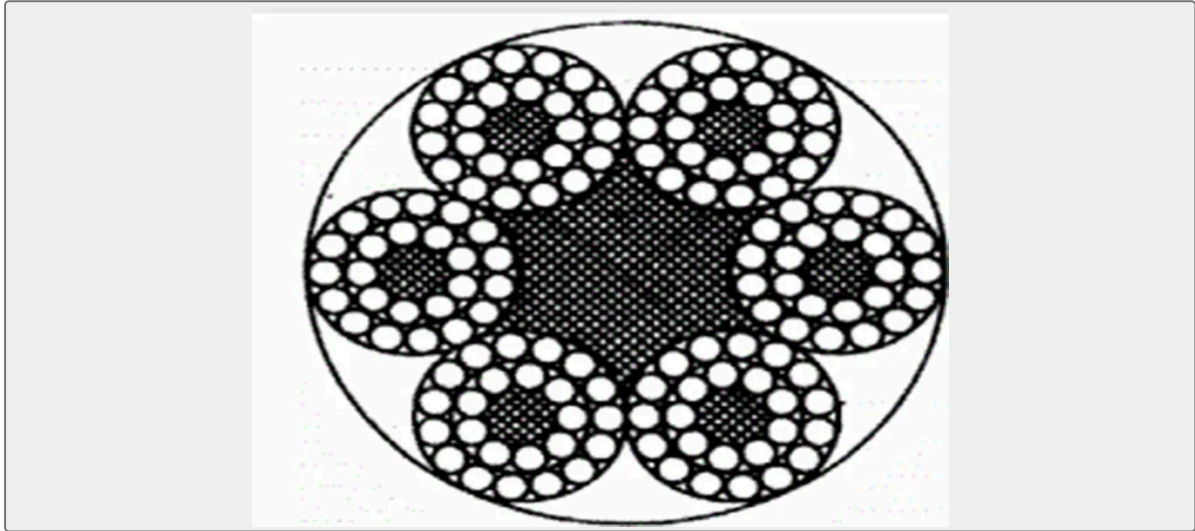
- Wire Rope Definition
- 6X24+7FC Steel Wire Rope Parameters
- How To Choose Material
- 6X24+7FC Steel Wire Rope Construction
- Applications
- Packaging



Wire Rope Definition

- 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.
- Strand: the strand is a component of wire rope usually consisting of an assembly of wires of appropriate diamensions laid helically in one or more layers around a central element.
- 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.
- 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.

6X24+7FC Steel Wire Rope Construction



6X24+7FC Steel Wire Rope Parameters

Diameter MM	Approx.Weight		Minimun Breaking Load of Rope (KN)			
	Kg/100m		1470Mpa	1570Mpa	1670Mpa	1770Mpa
	NF	SF				
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	46.8	49.6
11	38.5	36.8	49.8	53.2	56.6	60
12	45.8	43.8	59.3	63.3	67.3	71.4
13	53.7	51.4	69.6	74.3	79	83.8
14	62.3	59.6	80.7	86.2	91.6	97.1
16	81.4	77.8	105	113	120	127
18	103	98.5	133	142	152	161
20	127	122	165	176	187	198
22	154	147	199	213	226	240

24	183	175	237	253	269	285
26	215	206	278	297	316	335
28	249	238	323	345	367	389
30	286	274	370	396	421	446
32	326	311	421	450	479	507
34	368	351	476	508	541	573
36	412	394	533	570	606	642
38	459	439	594	635	675	716
40	509	486	659	703	748	793

Applications

Mine hoisting, blast furnace hoisting, large casting, oil drilling, forestry and marine industries, all kinds of elevator, 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

