COMPANY INTRODUCTION

Chonghong Industries Ltd is a private enterpriseco-built by Nantong Wire Rope Ltd, Wuxi Metalwork Ltd and Hongtai Stainless Steel Wire Rope Co. We have been in the wire rope business for 26 years.

We manufacture galvanized aviation-use steel ropesof various structure and specifications, brake wire for cars, motorcycles and bicycles, stainless steel ropes, non-rotating the steel ropes, elevator wire ropes, and wire ropes for special uses. The present annual capacity is about 4,000 tons of galvanized steel ropes.

With backup of complete equipment, advanced testing measures, and experienced staff, our products are guaranteed of reliable quality. Today, our buyers are continuously increasing, mainly located in European Union, North America, South and CentralAmerica, the Middle East, Southeast Asia etc.

Sourcing from a proven supplier makes you stay in tune with the market requirements. For more information, contact us now.

CHONGHONG INDUSTRIES LTD.

Wire Rope, G.A.C & Control Cable

WIRE ROPE CORES

The core of a wire rope is the central member around which the main strands are laid.Its principal function is to support the strands and maintain them in their proper position when loads are applied.The four types of cores commonly used in wire ropes are independent wire ropes cores(IWRC). Wire strand cores(WSC),and fiber cores (FC)of either jute or synthetic fiber.

Independent Wire Rope Core (IWRC)

This is a separate wire rope used as a core in the main wire rope.

Wire Strand Core(WSC)

A single strand can be used as the core in a wire rope.The wire strand core may be of the same construction as the outer strands,or of different construction.A 6 strand rope with a wire strand core of a different construction from that of the main strands is called a 6 strand rope with WSC.If the core is of the same construction ,the rope is usually called a 7 strand rope for example,7x7 or 7x19.Strand cores are limited to stranding ropes and small diameter runnng ropes

Fiber Core(FC)

These cores are fiber rope normally made from synthetic but occasionally made from natural fibers.

PROPERTIES OF WIRE ROPE CORES

The type of core selected can affect the properties of a wire rope in several ways.An independent wire rope core or a wire strand core:(1)increases a rope□s strength;(2)does not yield as readily to the compressive action of the outer strands of the rope as does the softer fiber core,and thus tends to preserve the circular cross section of a rope where subjected to crushing action from over-winding,or a rope bent around small sheaves and drums while heavily loaded;(3)provides longer lasting support under heavy loading than a fiber core;and(4)is more resistant to heat than a fiber core.Rope with wire cores,because of their smaller amount of strength ,is especially suitable for low elongation applications.

A fiber core:(1)is more flexible and thus permits a wire rope to conform more readily to small radii of curvature:and(2) is suitable for wire rope in some applications where shock loads are involved because of its resilience.

LUBRICATION

Lubrication is as necessary for a wire rope as it is for any machines.It does two important things:It reduces internal friction in the rope ,and it protects the wires from corrosion.The type of lubricant applied to the rope during fabrication,the amount used and the method of application depend on the size and construction of the rope and on the general field of service for which it is intended.Relubrication during use is necessary to replenish the original lubricant as it becomes depleted.

HOW TO ORDER

When you are placing order or reqesting for a quote please fill the following information:

1. Length:The length of each piece and number of pieces should be specified.

2. Diameter.Diameter should be specified.

3. Construction. should be specified.

4. Finish.If no finish is specified,bright strand or rope will be furnished.If a galvanized products is requested it should be specified.

5. Grade.The grade should be stated,such as 160kg/mm2, 180kg/mm2,1770MPa or 1570N/mm2

6. Performing.When preformed Wire Rope is desired,the order should be stated,likewise,non-preformed rope should be specified if desired.

7. Lay.Both direction of lax and type of lay should be stated Right Lay will be furnished if no direction is specified.Regularlay will be furnished unless otherwise specified.

8. Core.The type of core desired must be stated.

9. Purpose.It is desirable to advise the purpose or intendedend for the rope.

CHONGHONG INDUSTRIES LTD.

Wire Rope, G.A.C & Control Cable

MANUFACTURING FACILITIES

ISO9001 QUALITY CONTROL SYSTEM

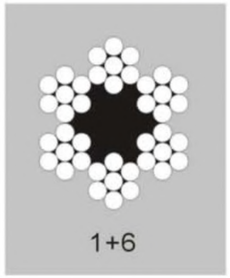
MAIN PRODUCTS

- STEEL WIRE ROPES
- PRESTRESSED CONCRETE(PC) WIRE AND STRAND
- AIRCRAFT CABLE
- STEEL WIRE ROPE FOR AUTOMOBILE
  WIRE STRAND FOR AUTOMOBILE (CONTROL CABLE)
- VINYL COATED CABLE
- WIRE STRAND FOR OVERHEAD CONDUCTOR
- STAINLESS CABLE

MANUFACTURING FACILITIES

QUALITY CONTROL

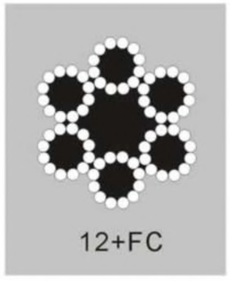
For Well Drilling and Mining Aerial Tramway, Stay, etc. (Galvanized & Bright)



6×7+FC

Diameter		Approx. Weight kg/100m	Minimum Breaking Strength in Kg			
mm	inch		150kg/㎟	165kg/㎟	180kg/㎟	195kg/㎟
3	1/8	3.7	530	600	660	710
4	5/32	5.9	850	970	1,060	1,150
5	3/16	9.3	1,340	1,520	1,650	1,790
6	1/4	13.4	1,920	2,180	2,380	2,580
7	9/32	18.2	2,610	2,970	3,240	3,510
8	5/16	23.7	3,420	3,880	4,230	4,580
9	3/8	30.0	4,330	4,910	5,350	5,800
10	—	37.1	5,340	6,060	6,610	7,160
11	7/16	46.5	6,700	7,600	8,290	8,980
12	—	53.4	7,690	8,730	9,520	10,300
12.5	1/2	57.9	8,340	9,470	10,300	11,200
14	9/16	72.7	10,500	11,900	13,000	14,000
16	5/8	95.0	13,700	15,500	16,900	18,300
18	11/16	120.0	17,300	19,600	21,400	23,200
19	3/4	134	19,400	22,000	24,000	26,000
20	13/16	148	21,400	24,200	26,400	28,600
22	7/8	186	26,800	30,400	33,200	35,900
24	15/16	214	30,800	34,900	38,100	41,300
25	1	232	33,400	37,900	41,300	44,800

For Running Rigging, Lift Line, Mooring Lines,Towing Hawsers and General Engineering Marine Purposes (Galvanized & Bright)

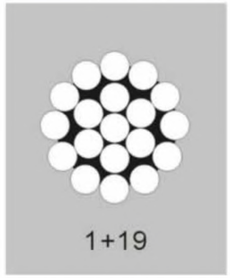


6×12+7FC

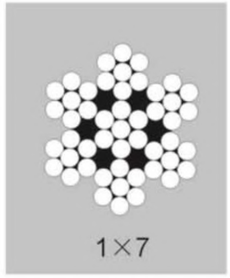
Diameter		Approx. Weight kg/100m	Minimum Breaking Strength in Kg	
mm	inch		150kg/㎟	165kg/㎟
4	5/32	4.4	530	580
5	3/16	6.8	850	910
6	1/4	9.8	1,200	1,320
7	9/32	13.4	1,630	1,790
8	5/16	16	2,130	2,340
9	3/8	22.1	2,700	2,970
10	—	27.3	3,330	3,660
11	7/16	34.3	4,180	4,600
12	—	39.3	4,800	5,280
12.5	1/2	42.7	5,200	5,720
14	9/16	53.5	6,530	7,180
16	5/8	69.9	8,520	9,370
18	11/16	88.5	10,800	11,900
19	3/4	98.6	12,000	13,200
20	13/16	109	13,300	14,600
22	7/8	137	16,700	18,400
24	15/16	157	19,200	21,100
25	1	171	20,800	22,900
28	1.1/8	214	26,100	28,700

CHONGHONG INDUSTRIES LTD.
Wire Rope, G.A.C & Control Cable

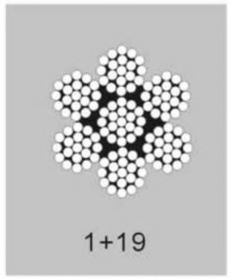
AVAILABLE CONSTRUCTIONS & SIZES



1×19



7×7



7×19

Const	Dia		Tolerance on diameter (Plus only)	Allowance increase in diameter at unseized end(max)	Nominal Breaking Load (min)	Approx Weight
	Inch	mm	Inch	Inch	kg	Kg/100m
1x19	1/32	0.79	0.003	0.006	57	0.31
	3/64	1.19	0.005	0.008	131	0.71
	1/16	1.59	0.006	0.009	263	1.26
	5/64	1.98	0.008	0.009	363	2.08
	3/32	2.38	0.009	0.010	544	2.98
	7/64	2.78	0.011	0.010	726	4.02
	1/8	3.18	0.013	0.011	953	5.21
	5/32	3.97	0.016	0.016	1,497	8.19
	3/16	4.76	0.018	0.019	2,132	11.46
	7/32	5.56	0.018	0.020	2,858	15.18
	1/4	6.35	0.018	0.021	3,719	20.09
	9/32	7.14	0.018	0.023	4,593	25.40
	5/16	7.94	0.020	0.024	5,670	31.25
	3/8	9.52	0.023	0.027	8,765	45.16
	7/16	11.1	0.026	0.030	11,113	61.39
	1/2	12.5	0.026	0.033	14,515	77.85
7x7	3/64	1.19	0.030	0.008	122	0.63
	1/16	1.59	0.005	0.009	218	1.12
	5/64	1.98	0.010	0.009	339	1.74
	3/32	2.38	0.010	0.010	417	2.38
	7/64	2.78	0.012	0.010	573	3.44
	1/8	3.18	0.012	0.011	798	4.50
	5/32	3.97	0.014	0.017	1,180	7.01
	3/16	4.76	0.016	0.019	1,670	10.08
	7/32	5.56	0.018	0.020	2,280	13.75
	1/4	6.35	0.018	0.021	2,904	17.94
	9/32	7.14	0.018	0.023	3,629	22.68
	5/16	7.94	0.020	0.024	4,490	28.05
	3/8	9.52	0.022	0.027	6,468	40.32
7x19	1/16	1.59	0.026	0.009	218	1.12
	3/32	2.38	0.026	0.010	417	2.38
	1/8	3.18	0.012	0.011	798	4.32
	3/16	4.76	0.014	0.019	1,678	9.67
	1/4	6.35	0.018	0.021	2,903	16.37
	5/16	7.94	0.022	0.024	4,082	25.75
	3/8	9.52	0.026	0.027	5,443	36.16
	1/2	12.5	0.030	0.033	9,676	62.34
	5/8	16	0.037	0.039	15,120	120.14
	7/8	22	0.052	0.048	29,635	193.11
	1	25	0.060	0.050	38.710	249.36

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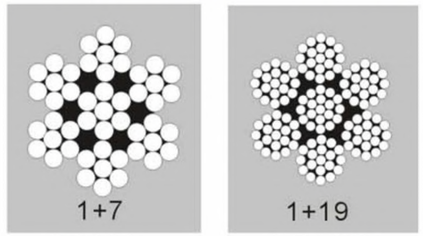
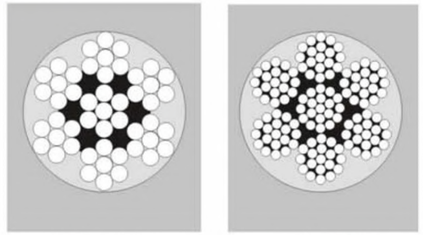
GALVANIZED AIRCRAFT CABLE



7×7 **7×19**

Dia mm	Dia inch	Const 7×7 Nominal Breaking Load Kg	7×7 Approx. Weight Kg/100m	7×19 Nominal Breaking Load Kg	7×19 Approx. Weight Kg/100m
1.59	1/16	218	1.12		
1.98	5/64	339	1.74		
2.38	3/32	417	2.38	417	2.38
2.78	7/64	572	3.27	572	3.44
3.18	1/8	771	4.17	907	4.32
3.97	5/32	1179	6.40	1270	6.70
4.76	3/16	1678	9.23	1905	9.67
5.56	7/32	2177	12.35	2540	12.80
6.35	1/4	2767	15.77	3175	16.40
7.14	9/32	3357	19.94	3629	20.70
7.94	5/16	4173	24.85	4445	25.75
8.73	11/32	5080	29.90	5670	30.80
9.53	3/8	6033	35.10	6532	36.20

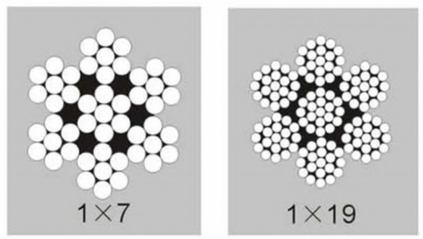
GALVANIZED VINYL COATED CABLE



7×7 **7×19**

Dia: Bare Cable (Lnch)	Vinyl Thickness (Lnch)	Const: Coated Cable (Lnch)	7×7 Cable Weight Kg/100m	7×7 Vinyl Weight Kg/100m	7×19 Cable Weight Kg/100m	7×19 Vinyl Weight Kg/100m
3/32	1/32	5/32	2.38	0.95	2.38	0.95
3/32	3/64	3/16	2.38	1.60	2.38	1.60
1/8	1/32	3/16	4.17	1.19	4.32	1.19
1/8	3/64	3/16	4.17	1.19	4.32	1.96
5/32	1/32	7/32	6.40	1.43	6.70	1.43
3/16	1/32	1/4	9.23	1.66	9.67	1.66
3/16	1/16	5/16	9.23	3.80	9.67	3.80
1/4	1/32	5/16	15.80	2.14	16.40	2.14
5/16	1/32	3/8	24.85	2.61	25.75	2.61
5/16	3/64	13/32	24.85	4.97	25.75	4.97
5/16	1/16	7/16	24.85	5.70	25.75	5.70
3/8	1/32	7/16	35.10	3.09	36.20	3.09

STEEL WIRE ROPE FOR AUTOMOBILE

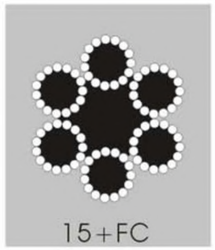


7×7 **7×19**

Bare Cable	Nomimal Diameter mm	Nomimal Diameter In.	Tolerance Diameter mm	Max.Increasing Dia.at the end mm	Max.Breaking Strength N	Elongation (%) Elasticity	Elongation (%) Plasticity	Approximate Weight g/m
7×7	1.20	5/64	±0.05	0.20	1350	0.40	0.50	6.2
	1.50	3/50	±0.05	0.22	1800			9.6
	1.55	1/16	±0.05	0.23	2000			10.5
	1.72	1/15	±0.05	0.24	2250			12.5
	1.80	1/14	±0.05	0.24	3000	0.35	0.05	13.5
8×7+(1×19)	1.50	3/50	±0.05	0.25	2000	0.37	0.08	9.8
	1.80	1/14	±0.05	0.28	3000			13.8
	2.00	1/13	±0.05	0.28	3500			16.5

CHONGHONG INDUSTRIES LTD.
Wire Rope, G.A.C & Control Cable

For Running Rigging,lift Lines, Mooring Lines,towing Hawsers Marine And General Engineering Purposes(Galvanized & Bright)



6×15+7FC

Diameter mm	Diameter Inch	Approx. Weight kg/100m	Minimum breaking strength in kg 150kg/mm²	Minimum breaking strength in kg 165kg/mm²
4	5/32	3.8	480	530
5	3/16	6.0	750	830
6	1/4	8.7	1,090	1,200
7	9/32	11.8	1,480	1,630
8	5/16	15.4	1,930	2,130
9	3/8	19.5	2.440	2,700
10	-	24.0	3.020	3,300
11	7/16	29.1	3,650	4,180
12	-	34.6	4,420	4,800
12.5	1/2	38.7	4,950	5,440
14	9/16	47.4	5,970	6,570
16	5/8	61.0	7,680	8,450
18	11/16	78.5	9,270	10,200
19	3/4	87.9	10,400	11,400
20	13/16	106	11,300	12,400
22	7/8	117	13,700	15,100
24	15/16	154	16,600	18,300
25	1	172	18,600	20,500
28	1.1/8	215	23,400	25,700

For Cargo Handling Gear, Mooring & Towing Purpose Marine And For General Use On Board Ships(Galvanized & Bright)

6×24+7FC

Diameter mm	Diameter Inch	Approx. Weight kg/100m	Minimum breaking strength in kg 150kg/mm²	Minimum breaking strength in kg 165kg/mm²	Minimum breaking strength in kg 180kg/mm²
8	5/16	21.2	2,970	3,210	3,500
9	3/8	26.9	3,750	4,060	4,430
10	-	33.2	4,640	5,020	5,470
11	7/16	41.6	5,820	6,290	6,860
12	-	47.8	6,680	7,220	7,870
12.5	1/2	51.9	7,250	7,840	8,550
14	9/16	65.1	9,090	9,830	10,700
16	5/8	85.0	11,900	12,800	14,000
18	11/16	108	15,000	16,200	17,700
19	3/4	121	16,700	18,100	19,700
20	13/16	133	18,500	20,100	21,900
22	7/8	167	23,300	25,200	27,500
24	15/16	191	26,700	28,900	31,500
25	1	208	19,700	31,300	34,100
28	1.1/8	260	36,400	39,300	42,900
30	1.3/16	299	41,800	45,100	49,200
32	1.1/4	340	47,500	51,400	56,100
35	1.3/8	407	56,900	61,400	67,000
38	1.1/4	479	67,000	72,400	78,900

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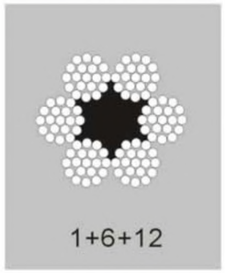
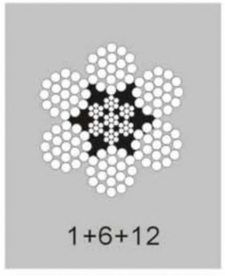
For Oil Well Drilling, Crane &Hoist, Marine Purpose , Mine Service and General Engineering Lashing Purposes (Galvanized & Bright)



6×19+FC

Diameter		Approx. Weight kg/100m	Minimum Breaking Strength in Kg			
mm	inch		150kg/mm²	165kg/mm²	180kg/mm²	195kg/mm²
3	1/8	3.26	456	495	529	585
4	5/32	5.80	810	880	940	1,040
5	3/16	9.10	1,270	1,380	1,460	1,630
6	1/4	13.1	1,820	1,980	2,110	2,340
7	9/32	17.8	2,480	2,700	2,870	3,190
8	5/16	23.3	3,240	3,520	3,750	4,160
9	3/8	29.5	4,110	4,460	4,740	5,270
10	—	36.4	5,070	5,500	5,860	6,500
11	7/16	45.7	6,360	6,900	7,350	8,150
12	—	52.4	7,300	7,920	8,430	9,350
12.5	1/2	56.9	7,920	8,590	9,150	10,200
14	9/16	71.3	9,930	10,800	11,500	12,800
16	5/8	93.2	13,000	14,100	15,000	16,700
18	11/16	118	16,400	17,800	19,000	21,000
19	3/4	131	18,300	19,800	21,200	23,400
20	13/16	146	20,300	22,000	23,400	26,000
22	7/8	183	25,400	27,600	29,400	32,600
24	15/16	210	29,200	31,700	33,700	37,500
25	1	228	31,700	34,400	36,600	40,700
26		284	34,200	39,200	43,500	43,900
28	1.1/8	285	39,700	43,100	45,900	50,900
30	1.3/16	328	45,600	49,500	52,700	58,500
32	1.1/4	373	51,900	56,300	60,000	66,600
50	2	875	——	1205，000	——	——

For Oil Well Drilling, Crane &Hoist, Marine Purpose , Mine Service and General Engineering Lashing Purposes (Galvanized & Bright)

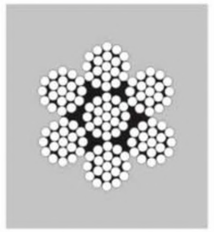


6×19+IWRC

Diameter		Approx. Weight kg/100m	Minimum Breaking Strength in Kg			
mm	inch		150kg/mm²	165kg/mm²	180kg/mm²	195kg/mm²
5	3/16	10.1	1,390	1,540	1,660	1,790
6	1/4	14.5	2,000	2,220	2,390	2,580
7	9/32	19.7	2,720	3,020	3,250	3,510
8	5/16	25.8	3,550	3,930	4,260	4,670
9	3/8	32.8	4,600	4,950	5,500	5,940
10	—	40.4	5,550	6,100	6,650	7,180
11	7/16	50.8	6,970	7,650	8,350	9,020
12	—	58.0	8,000	8,790	9,580	10,400
12.5	1/2	63.0	8,700	9,530	10,400	11,200
14	9/16	79.3	10,900	12,000	13,200	14,300
16	5/8	104	14,200	15,600	17,100	18,400
18	11/16	131	18,000	19,800	21,500	23,200
19	3/4	141	20,300	22,300	24,300	26,200
20	13/16	162	22,200	24,400	26,600	28,700
22	7/8	203	27,900	30,600	33,400	36,000
24	15/16	233	32,000	35,200	38,300	41,300
25	1	253	34,600	38,100	41,500	44,800
26		257	38,200	47,000	50,500	51,500
28	1.1/8	316	43,500	47,900	52,100	56,300
30	1.3/16	365	50,000	55,000	60,000	64,800
32	1.1/4	415	62,500	62,500	68,000	73,700

CHONGHONG INDUSTRIES LTD.
Wire Rope, G.A.C & Control Cable

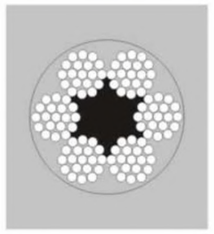
Stainless Steel Wire Rope



7×19(6×19+SE)
AISI304 AISI316

Nominal Diameter		Weight per Unit of Length	Minimum Breaking Force kn	
D(mm)	Tolerance%	kg/m≈	When Tensile Strength= 1570N/mm²	1770N/mm²
3	+8 0	0.0342	--	5.29
4	+7 0	0.0609	--	9.40
5		0.0952	--	14.7
6	+6 0	0.138	--	21.2
7		0.187	--	28.8
8	+5 0	0.243	33.3	37.6
9		0.308	42.2	47.6
10		0.381	52.1	58.8
11		0.461	63.1	71.1
12		0.548	75.0	84.6
13		0.643	88.1	99.3
14		0.746	102	115
16		0.974	133	150

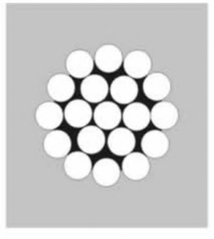
Stainless Steel Wire Rope



6×19
AISI304 AISI316

Nominal Diameter		Weight per Unit of Length	Minimum Breaking Force kn	
D(mm)	Tolerance%	kg/m≈	When Tensile Strength= 1570N/mm²	1570N/mm²
3	+8 0	0.0311	--	4.90
4	+7 0	0.0544	--	8.70
5		0.0865	--	13.6
6	+6 0	0.125	--	19.6
7		0.170	--	26.7
8	+5 0	0.221	30.9	34.8
9		0.280	39.1	44.1
10		0.346	48.2	54.4
11		0.419	58.4	65.8
12		0.498	69.5	78.3
13		0.585	81.5	91.9
14		0.678	94.6	107
16		0.886	124	139

Stainless Steel Wire Rope



1×19
AISI304 AISI316

Nominal Diameter		Weight per Unit of Length	Minimum Breaking Force kn	
D(mm)	Tolerance%	kg/m≈	When Tensile Strength= 1570N/mm²	1570N/mm²
1	+5 0	0.00495	0.825	0.930
1.5		0.0111	1.86	2.09
2	+4 0	0.0198	3.30	3.72
2.5		0.0310	5.15	5.81
3		0.0446	7.42	8.37
3.5		0.0607	10.1	11.4
4		0.0793	13.2	14.9
5		0.124	20.6	23.2
6		0.178	29.7	33.5
7		0.243	40.4	45.6
8		0.317	52.8	59.5
9		0.401	66.8	75.3
10		0.495	82.5	93.0

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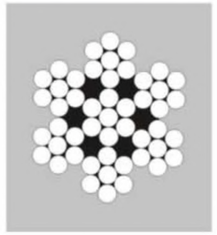
Stainless Steel Wire Rope

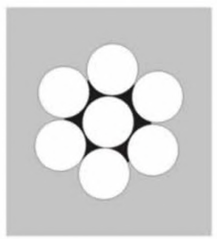


7×7(6×7+SE)

AISI304 AISI316

Nominal Diameter		Weight per Unit of Length	Minimum Breaking Force kn	
			When Tensile Strength=	
D(mm)	Tolerance%	kg/m≈	1570N/mm²	1770N/mm²
2	+8 0	0.0157	--	2.54
3		0.0354	--	5.71
4	+7 0	0.0629	--	10.2
5		0.0983	--	15.9
6	+6 0	0.142	--	22.9
7		0.193	--	31.1
8	+5 0	0.252	36.1	40.6
9		0.318	45.6	51.4
10		0.393	56.3	63.5
11		0.475	68.2	76.8
12		0.567	81.1	91.5
13		0.664	95.2	107
14		0.771	110	124
16		1.01	144	163

Stainless Steel Wire Rope



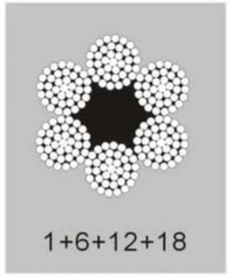
1×7

AISI304 AISI316

Nominal Diameter		Weight per Unit of Length	Minimum Breaking Force kn	
			When Tensile Strength=	
D(mm)	Tolerance%	kg/m≈	1570N/mm²	1770N/mm²
0.6	+5 0	0.00181	0.308	0.347
0.8		0.00321	0.547	0.617
1		0.00502	0.855	0.963
1.5		0.0113	1.92	2.17
2	+4 0	0.0201	3.42	3.85
2.5		0.0314	5.34	6.02
3		0.0452	7.69	8.67
3.5		0.0615	10.5	11.8
4		0.0803	13.7	15.4
4.5		0.102	17.3	19.5
5		0.126	21.4	24.1
6		0.181	30.8	34.7
7		0.246	41.9	47.2

CHONGHONG INDUSTRIES LTD.
Wire Rope, G.A.C & Control Cable

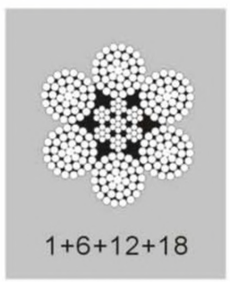
For Mooring,Heavy Derrick Hoist Ropes, Towing and General Engineering Purposes
(Galvanized & Bright)



6×37+FC

Diameter		Approx. Weight kg/100m	Minimum Breaking Strength in Kg			
mm	inch		150kg/㎟	165kg/㎟	180kg/㎟	195kg/㎟
6	1/4	12.9	1,800	1,950	2,070	2,240
7	9/32	17.6	2,440	2,650	2,820	3,050
8	5/16	23.0	3,190	3,460	3,690	3,990
9	3/8	29.1	4,040	4,380	4,670	5,040
10	—	35.9	4,990	5,410	5,760	6,220
11	7/16	45.1	6,260	6,790	7,230	7,810
12	—	51.7	7,190	7,790	8,290	8,950
12.5	1/2	56.1	7,800	8,450	9,000	9,720
14	9/16	70.4	9,810	10,600	11,300	12,200
16	5/8	92.0	12,800	13,800	14,700	15,900
18	11/16	116	16,200	17,500	18,700	20,200
19	3/4	131	18,200	19,800	20,500	22,200
20	13/16	44	19,900	21,600	23,000	24,800
22	7/8	180	25,000	27,100	28,900	31,200
24	15/16	207	28,700	31,200	33,200	35,900
25	1	225	31,200	33,800	36,000	38,900
28	1.1/8	282	39,000	42,400	45,200	48,800
30	1.3/16	323	44,800	48,70	51,800	55,900
32	1.1/4	368	51,100	55,400	59,000	63,800

For Mooring,Heavy Derrick Hoist Ropes, Towing and General Engineering Purposes
(Galvanized & Bright)



6×37+IWRC

Diameter		Approx. Weight kg/100m	Minimum Breaking Strength in Kg			
mm	inch		150kg/㎟	165kg/㎟	180kg/㎟	195kg/㎟
6	1/4	14.4	1,980	2,180	2,340	2,530
7	9/32	19.5	2,700	2,960	3,190	2,440
8	5/16	25.5	3,590	3,950	4,160	4,490
9	3/8	32.3	4,550	5,000	5,260	5,680
10	—	39.8	5,500	6,050	6,500	7,020
11	7/16	50.0	6,900	7,580	8,150	8,800
12	—	57.3	7,940	8,720	9,370	10,100
	1/2	62.2	8,600	9,450	10,100	10,900
14	9/16	78.1	10,800	11,900	12,800	13,800
16	5/8	100	14,100	15,500	16,600	17,900
18	11/16	129	17,800	19,500	21,000	22,700
19	3/4	145	20,000	22,000	23,700	25,600
20	13/16	160	22,000	24,200	26,000	28,100
22	7/8	200	27,600	30,400	32,600	35,200
24	15/16	230	30,400	33,400	35,900	38,800
25	1	250	34,300	37,700	40,500	43,700
28	1.1/8	313	43,200	47,500	51,000	55,100
30	1.3/16	358	49,500	54,500	58,000	63,200
32	1.1/4	400	56,300	61,900	66,600	71,900

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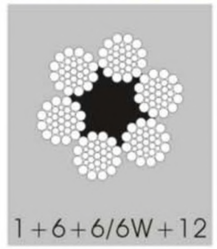
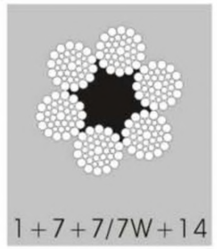
For Oil Well Drilling,crane & Hoist,mine Service And General Engineering Purposes
(Galvanized & Bright)


1+6+6/6W+12

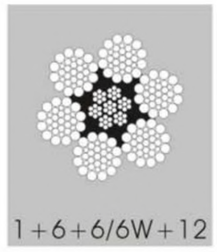
6×WS(31) FC


1+7+7/7W+14

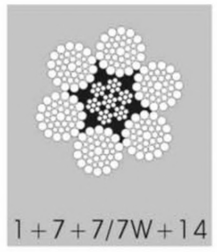
6×WS(36) FC

Diameter		Approx. Weight kg/100m	Minimum breaking strength in kg			
mm	Inch		150kg/mm²	165kg/mm²	180kg/mm²	195kg/mm²
6	1/4	14.2	1,860	2,040	2,170	2,410
7	9/32	19.4	2,530	2,780	2,960	3,280
8	5/16	25.3	3,300	3,630	3,860	4,280
9	3/8	32.1	4,170	4,590	4,880	5,410
10	-	39.6	5,150	5,670	6,030	6,680
11	7/16	49.6	6,460	7,110	7,560	8,380
12	-	57.0	7,420	8,160	8,680	9,620
12.5	1/2	61.8	8,050	8,850	9,420	10,400
14	9/16	77.6	10,100	11,100	11,800	13,100
16	5/8	101	13,200	14,500	15,400	17,100
18	11/16	128	16,700	18,400	19,500	21,600
19	3/4	143	18,600	20,500	21,800	24,100
20	13/16	158	20,600	22,700	24,100	26,700
22	7/8	199	25,900	28,400	30,200	33,500
24	15/16	228	29,700	32,600	34,700	38,500
25	1	247	32,200	35,400	37,700	41,800
28	1.1/8	310	40,400	44,400	47,300	52,400
30	1.3/16	356	46,400	51,000	54,200	60,100
32	1.1/4	405	52,800	58,000	61,700	68,400

For Oil Well Drilling,crane & Hoist,mine Service And General Engineering Purposes
(Galvanized & Bright)


1+6+6/6W+12

6×WS(31) IWRC


1+7+7/7W+14

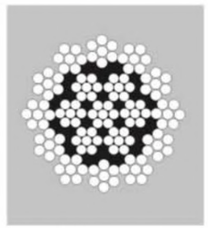
6×WS(36) IWRC

Diameter		Approx. Weight kg/100m	Minimum breaking strength in kg		
mm	Inch		165kg/mm²	180kg/mm²	195kg/mm²
6	1/4	15.9	2,280	2,450	2,620
7	9/32	21.6	3,100	3,100	3,570
8	5/16	28.2	4,050	4,360	4,660
9	3/8	35.7	5,120	5,520	5,900
10	-	44.1	6,330	6,810	7,290
11	7/16	55.3	7,940	8,550	9,140
12	-	63.5	9,110	9,810	10,500
12.5	1/2	68.9	9,880	10,600	11,400
14	9/16	86.4	12,400	13,400	14,300
16	5/8	113	16,200	17,400	18,700
18	11/16	143	20,500	22,100	23,600
19	3/4	159	22,800	24,600	26,300
20	13/16	176	25,300	27,300	29,100
22	7/8	221	31,700	34,200	36,600
24	15/16	254	36,400	39,200	42,000
25	1	276	39,500	42,600	45,500
28	1.1/8	346	49,600	53,400	57,100
30	1.3/16	397	56,900	61,300	65,600
32	1.1/4	451	64,800	69,800	74,600

CHONGHONG INDUSTRIES LTD.
Wire Rope, G.A.C & Control Cable

For Oil Well Drilling, Crane & Hoist, Mine Service and General Engineering Purposes
(Galvanized & Bright)

18×7+FC


19×7

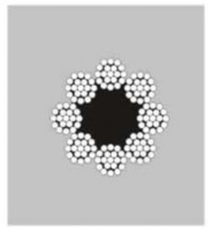
Nominal Diameter		Approximate. Weight kg/100m		Nominal Tensile Strength		
				1670MPa	1770MPa	1870MPa
mm	In.	FC	IWR	Min.Breaking Strength.(kN)		
6	1/4	14.0	14.7	19.8	21.0	22.2
8	5/16	24.6	25.8	35.2	37.2	39.4
10	13/32	38.5	40.4	54.8	58.2	69.5
12	1/2	56.2	58.9	78.9	83.7	88.4
14	9/16	75.8	79.4	108.0	113.5	120.5
16	5/8	98.5	103.1	145.0	148.5	157.5
18	11/16	124.0	129.8	177.0	188.6	198.4
20	13/16	153.0	160.2	219.5	232.6	245.3

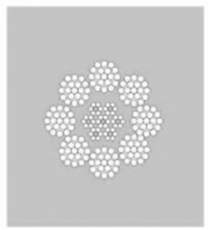
STEEL WIRE ROPE Used in Crane Machinery, Lifting,Salvage (Galvanized & Bright)

8×19S+FC

8×19S+IWR

Nominal Diameter		Approximate. Weight		Nominal Tensile Strength							
				1570MPa		1670MPa		1770MPa		1870MPa	
mm	In.	Kg/100m		Min.Breaking Strength.(kN)							
		IWR	IWR	FC	IWR	FC	IWR	FC	IWR	FC	IWR
10	13/32	34.6	42.2	46.0	54.3	48.9	57.5	51.8	61.2	54.7	64.7
11	7/16	41.9	51.2	55.6	65.7	59.2	69.9	62.7	74.1	66.2	78.2
12	1/2	49.9	60.8	66.2	78.2	70.4	83.2	74.6	88.1	78.8	93.1
13	1/2	58.5	71.3	77.7	91.8	82.6	97.6	87.6	103.0	92.5	109.0
14	9/16	67.9	82.7	90.1	106.0	95.9	113.0	101.0	120.0	107.0	126.0
16	5/8	88.7	108.0	117.0	139.0	125.0	147.0	132.0	156.0	140.0	165.0
18	11/16	112.0	137.0	149.0	176.0	158.0	187.0	168.0	198.0	177.0	209.0
20	13/16	139.0	169.0	184.0	217.0	195.0	231.0	207.0	244.0	219.0	258.0
22	7/8	168.0	204.0	222.0	262.0	236.0	279.0	251.0	296.0	265.0	313.0


8×19W+FC


8×19W+IWR

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