

南通宸祥宸祥新材料科技有限公司坐落于风景秀丽的鱼米之乡——江苏省南通市。毗邻沿海高速，距南通车站仅30分钟的车程，周围有多条公路环绕工厂，靠近南通、上海两大港口，水陆交通十分便利。

工厂成立于2011年，占地5000多平方米，拥有现代化的专业生产设备以及多条生产流水线，主要生产钢丝、钢丝绳等金属制品，工厂实力雄厚。工厂是生产钢丝、钢丝绳的专业厂家，生产设备、工艺都居国内外同行前列。

公司已通过SGS认证，各项指标都达到国际国内标准。产品已远销世界很多国家，深受国内外用户的好评。

Nantong Chenxiang new materials Co., Ltd. is located in the beautiful "land of fish and rice"----Nantong City, Jiangsu Province. Nearby the coastal high-speed, 30 minutes from Nantong railway station, surrounded by a number of roads around the factory, near Nantong, Shanghai, two major ports, both of the water and land transportation is very convenient.

The factory was established in 2011, covers an area of 5000 square meters, owning various modern professional industry equipments and a number of production lines, mainly producing spring steel wire、 steel wire rope and so on.

The factory is a professional manufacturer for producing spring steel wire、 steel wire rope and so on. Both of the production equipment and technology rank among the best of domestic and foreign counterparts. The company has passed the SGS certification and the indicators have reached international and domestic standards. The products have been exported to many countries in the world. Certainly, the product's quality comply to the standard of GB 4357-89、 DIN 17223、 JIS G3521 and EN10270-1.

Nantong Chenxiang new materials Co., Ltd. State Bureau of Foreign Trade, Customs Administration has endorsed the right of import and export companies.

The factory has a comprehensive import and export service system and has established good business relationships with a number of freight forwarding company, be able to provide the customers with safe and reliable transportation mode, and has established a good reputation in all walks of life. Our company has built long-term friendly cooperation relations with the customers in many countries and areas worldwide.

The factory adheres to the management idea of starting from tiny steps, steady development, integrity-based and customer oriented. We wholeheartedly welcome new and old customers both at home and abroad to visit our company and to establish friendly cooperative relationships!



我们拥有先进的技术设备和生产流水线，先进的生产工艺保证了制造品质可以达到国际标准，满足全球所有客户对高品质的需求。

We have advanced technology and equipment and production lines, ensuring the manufacturing quality can reach the requirement of the customers in the whole world.





精良的设备，一流的技术，以专业引领科技，以科技成就专业，在精挑细选中完善，在一丝不苟中提升。严把工艺流程中每一道工序，是我们至上品质的保证。

Sophisticated equipment, first-class technique, we lead the technique by profession and become more professional by advanced technique. Improve in highly selection, promote in meticulousity. Strictly controlling the process flow of every procedure in working production is our supreme quality assurance.



**碳素弹簧钢丝**
**HIGH CARBON SPRING STEEL WIRES**

(GB/T4357 70# 65Mn SWRH72A SWRH72B 82B T9A )

钢丝公称直径 <sup>a</sup> /mm	抗拉强度 <sup>b</sup> /Mpa				
	SL型	SM型	DM型	SH型	DH <sup>c</sup> 型
0.14			2 620~2 910		2 800~3 250
0.16			2 570~2 860		2 800~3 200
0.18			2 530~2 820		2 800~3 160
0.20			2 500~2 790		2 800~3 110
0.22			2 470~2 760		2 770~3 080
0.25			2 420~2 710		2 720~3 010
0.28			2 390~2 650		2 680~2 970
0.30		2 370~2 650	2 370~2 650	2 660~2 940	2 660~2 940
0.32		2 350~2 630	2 350~2 630	2 640~2 920	2 640~2 920
0.34		2 330~2 600	2 330~2 600	2 610~2 890	2 610~2 890
0.36		2 310~2 580	2 310~2 580	2 590~2 890	2 590~2 890
0.38		2 290~2 560	2 290~2 560	2 570~2 850	2 570~2 850
0.40	—	2 270~2 550	2 270~2 550	2 560~2 830	2 570~2 830
0.43		2 250~2 520	2 250~2 520	2 530~2 800	2 570~2 800
0.45		2 240~2 500	2 240~2 500	2 510~2 780	2 570~2 780
0.48		2 220~2 480	2 240~2 500	2 490~2 760	2 570~2 760
0.50		2 200~2 470	2 200~2 470	2 480~2 740	2 480~2 740
0.53		2 180~2 450	2 180~2 450	2 460~2 720	2 460~2 720
0.56		2 170~2 430	2 170~2 430	2 440~2 700	2 440~2 700
0.60		2 140~2 400	2 140~2 400	2 410~2 670	2 410~2 670
0.63		2 130~2 380	2 130~2 380	2 390~2 650	2 390~2 650
0.65		2 120~2 370	2 120~2 370	2 380~2 640	2 380~2 640
0.70		2 090~2 350	2 090~2 350	2 360~2 610	2 360~2 610
0.80		2 050~2 300	2 050~2 300	2 310~2 560	2 310~2 560
0.85		2 030~2 280	2 030~2 280	2 290~2 530	2 290~2 530
0.90		2 010~2 260	2 010~2 260	2 270~2 510	2 270~2 510
0.95		2 000~2 240	2 000~2 240	2 250~2 490	2 250~2 490
1.00	1 720~1 970	1 980~2 220	1 980~2 220	2 230~2 470	2 230~2 470
1.05	1 710~1 950	1 960~2 220	1 960~2 220	2 210~2 450	2 210~2 450
1.10	1 690~1 940	1 950~2 190	1 950~2 190	2 200~2 430	2 200~2 430
1.20	1 670~1 910	1 920~2 160	1 920~2 160	2 170~2 400	2 170~2 400
1.25	1 660~1 900	1 910~2 130	1 910~2 130	2 140~2 380	2 140~2 380
1.30	1 640~1 890	1 900~2 130	1 900~2 130	2 140~2 370	2 140~2 370
1.40	1 620~1 860	1 870~2 100	1 870~2 100	2 110~2 340	2 110~2 340

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钢丝公称直径 <sup>a</sup> /mm	抗拉强度 <sup>b</sup> /Mpa				
	SL型	SM型	DM型	SH型	DH <sup>c</sup> 型
1.50	1 600~1 840	1 850~2 080	1 850~2 080	2 090~2 310	2 090~2 310
1.60	1 590~1 820	1 830~2 050	1 830~2 050	2 060~2 290	2 060~2 290
1.70	1 570~1 800	1 810~2 030	1 810~2 030	2 040~2 260	2 040~2 260
1.80	1 550~1 780	1 790~2 010	1 790~2 010	2 020~2 240	2 020~2 240
1.90	1 540~1 760	1 770~1 990	1 770~1 990	2 000~2 220	2 000~2 220
2.00	1 520~1 750	1 760~1 970	1 760~1 970	1 980~2 200	1 980~2 200
2.10	1 510~1 730	1 740~1 960	1 740~1 960	1 970~2 180	1 970~2 180
2.25	1 490~1 710	1 720~1 930	1 720~1 930	1 940~2 150	1 940~2 150
2.40	1 470~1 690	1 700~1 910	1 700~1 910	1 920~2 130	1 920~2 130
2.50	1 460~1 680	1 690~1 890	1 690~1 890	1 900~2 110	1 900~2 110
2.60	1 450~1 660	1 670~1 880	1 670~1 880	1 890~2 100	1 890~2 100
2.80	1 420~1 640	1 650~1 850	1 650~1 850	1 860~2 070	1 860~2 070
3.00	1 410~1 620	1 630~1 830	1 630~1 830	1 840~2 040	1 840~2 040
3.20	1 390~1 600	1 610~1 810	1 610~1 810	1 820~2 020	1 820~2 020
3.40	1 370~1 580	1 590~1 780	1 590~1 780	1 790~1 990	1 790~1 990
3.60	1 350~1 560	1 570~1 760	1 570~1 760	1 770~1 970	1 770~1 970
3.80	1 340~1 540	1 550~1 740	1 550~1 740	1 750~1 950	1 750~1 950
4.00	1 320~1 520	1 530~1 730	1 530~1 730	1 740~1 930	1 740~1 930
4.25	1 310~1 500	1 510~1 700	1 510~1 700	1 710~1 900	1 710~1 900
4.50	1 290~1 490	1 500~1 680	1 500~1 680	1 690~1 880	1 690~1 880
4.75	1 270~1 470	1 480~1 670	1 480~1 670	1 680~1 840	1 680~1 840
5.00	1 260~1 450	1 460~1 650	1 460~1 650	1 660~1 830	1 660~1 830
5.30	1 240~1 430	1 440~1 630	1 440~1 630	1 640~1 820	1 640~1 820
5.60	1 230~1 420	1 430~1 610	1 430~1 610	1 620~1 800	1 620~1 800
6.00	1 210~1 390	1 400~1 580	1 400~1 580	1 590~1 770	1 590~1 770
6.30	1 190~1 380	1 390~1 560	1 390~1 560	1 570~1 750	1 570~1 750
6.50	1 180~1 370	1 380~1 550	1 380~1 550	1 560~1 740	1 560~1 740
7.00	1 160~1 340	1 350~1 530	1 350~1 530	1 540~1 710	1 540~1 710
7.50	1 140~1 320	1 330~1 500	1 330~1 500	1 510~1 680	1 510~1 680
8.00	1 120~1 300	1 310~1 480	1 310~1 480	1 490~1 660	1 490~1 660
8.50	1 110~1 280	1 290~1 460	1 290~1 460	1 470~1 630	1 470~1 630
9.00	1 090~1 260	1 270~1 440	1 270~1 440	1 450~1 610	1 450~1 610
9.50	1 070~1 250	1 260~1 420	1 260~1 420	1 430~1 590	1 430~1 590
10.00	1 060~1 230	1 240~1 400	1 240~1 400	1 410~1 570	1 410~1 570
10.50		1 220~1 380	1 220~1 380	1 390~1 550	1 390~1 550
11.00		1 210~1 370	1 210~1 370	1 330~1 530	1 330~1 530
12.00	—	1 180~1 340	1 180~1 340	1 350~1 500	1 350~1 500
12.50		1 170~1 320	1 170~1 320	1 330~1 480	1 330~1 480
13.00		1 160~1 310	1 160~1 310	1 320~1 470	1 320~1 470

**高碳钢丝 (JIS G 3521-1991)**  
 HIGH CARBON STEEL WIRE (JIS G 3521-1991)

种类、代号及适用直径 (钢丝的种类有3种, 其代号及适用直径如下表所示)

种类 Species	代号 Code name	适用直径 Suitable diameter (mm)	摘要 Summary
高碳钢丝A种	SW-A	0.08 ~ 10.0	-
高碳钢丝B种	SW-B	0.08 ~ 13.0	主要用于受静载荷的弹簧
高碳钢丝C种	SW-C		

**抗拉强度** (钢丝按 8.2 进行试验, 其抗拉强度如下表所示)

公称直径 Diameter (mm)	抗拉强度(MPa) Tensile Strength		
	SW-A	SW-B	SW-C
0.08	2110 ~ 2450	2450 ~ 2790	2790 ~ 3140
0.90	2060 ~ 2400	2400 ~ 2750	2750 ~ 3090
0.10	2010 ~ 2350	2350 ~ 2700	2700 ~ 3040
0.12	1960 ~ 2300	2300 ~ 2650	2650 ~ 2990
0.14	1960 ~ 2260	2260 ~ 2600	2600 ~ 2940
0.16	1910 ~ 2210	2210 ~ 2550	2550 ~ 2890
0.18	1910 ~ 2210	2210 ~ 2500	2500 ~ 2840
0.20	1910 ~ 2210	2210 ~ 2500	2500 ~ 2790
0.23	1860 ~ 2160	2160 ~ 2450	2450 ~ 2750
0.26	1810 ~ 2110	2110 ~ 2400	2400 ~ 2700
0.29	1770 ~ 2060	2060 ~ 2350	2350 ~ 2650
0.32	1720 ~ 2010	2010 ~ 2300	2300 ~ 2600
0.35	1720 ~ 2010	2010 ~ 2300	2300 ~ 2600
0.40	1670 ~ 1960	1960 ~ 2260	2260 ~ 2550
0.45	1620 ~ 1910	1910 ~ 2210	2210 ~ 2500
0.50	1620 ~ 1910	1910 ~ 2210	2210 ~ 2500
0.55	1570 ~ 1860	1860 ~ 2160	2160 ~ 2450
0.60	1570 ~ 1810	1810 ~ 2110	2110 ~ 2400
0.65	1570 ~ 1810	1810 ~ 2110	2110 ~ 2400
0.70	1520 ~ 1770	1770 ~ 2060	2060 ~ 2350
0.80	1520 ~ 1770	1770 ~ 2010	2010 ~ 2300
0.90	1520 ~ 1770	1770 ~ 2010	2010 ~ 2260
1.00	1470 ~ 1720	1720 ~ 1960	1960 ~ 2210
1.20	1420 ~ 1670	1670 ~ 1910	1910 ~ 2160
1.40	1370 ~ 1620	1620 ~ 1860	1860 ~ 2110
1.60	1320 ~ 1570	1570 ~ 1810	1810 ~ 2060
1.80	1270 ~ 1520	1520 ~ 1770	1770 ~ 2010
2.00	1270 ~ 1470	1470 ~ 1720	1720 ~ 1960
2.30	1230 ~ 1420	1420 ~ 1670	1670 ~ 1910
2.60	1230 ~ 1420	1420 ~ 1670	1670 ~ 1910
2.90	1180 ~ 1370	1370 ~ 1620	1620 ~ 1860
3.20	1180 ~ 1370	1370 ~ 1570	1570 ~ 1810
3.50	1180 ~ 1370	1370 ~ 1570	1570 ~ 1770
4.00	1180 ~ 1370	1370 ~ 1570	1570 ~ 1770
4.50	1130 ~ 1320	1320 ~ 1520	1520 ~ 1720
5.00	1130 ~ 1320	1320 ~ 1520	1520 ~ 1720
5.50	1080 ~ 1270	1270 ~ 1470	1470 ~ 1670
6.00	1030 ~ 1230	1230 ~ 1420	1420 ~ 1620
6.50	1030 ~ 1230	1230 ~ 1420	1420 ~ 1620
7.00	980 ~ 1180	1180 ~ 1370	1370 ~ 1570
8.00	980 ~ 1180	1180 ~ 1370	1370 ~ 1570
9.00	930 ~ 1130	1130 ~ 1320	1320 ~ 1520
10.0	930 ~ 1130	1130 ~ 1320	1320 ~ 1520
11.0	-	1080 ~ 1270	1270 ~ 1470
12.0	-	1080 ~ 1270	1270 ~ 1470
13.0	-	1030 ~ 1230	1230 ~ 1420

注: 规格和标准根据客户要求: other diameters and standards available on demand (ASTM/BS/EN/DIN/ISO/JISG/KSD/GB).

**油淬火——回火弹簧钢丝**  
 OIL-HARDENED & TEMPERED STEEL WIRE FOR MECHANICAL SPRINGS

(GB/T18983 静态级 中疲劳级)

直径范围 Dimension (mm)	抗拉强度(MPa) Tensile Strength					断面收缩率 Reduction of Area (%)	
	FDC	FDCr-A	FDCrV-B	FDsiMn	FDCrsi	FD	TD
	TDC	TDCrV-A	TDCrV-B	TDsiMn	TDCrsi		
> 1.40-1.60	1740-1890	1710-1950	1820-2030	1850-2100	2000-2250	45	45
> 1.60-2.00	1720-1890	1710-1890	1790-1970	1820-2000	2000-2250	45	45
> 2.00-2.50	1670-1820	1670-1830	1750-1900	1800-1950	1970-2140	45	45
> 2.50-2.70	1640-1790	1660-1820	1720-1870	1780-1930	1950-2120	45	45
> 2.70-3.00	1620-1770	1630-1780	1700-1850	1760-1910	1930-2100	45	45
> 3.00-3.20	1600-1750	1610-1760	1680-1830	1740-1890	1910-2080	40	45
> 3.20-3.50	1580-1730	1600-1750	1660-1810	1720-1870	1900-2060	40	45
> 3.50-4.00	1550-1700	1560-1710	1620-1770	1710-1860	1870-2030	40	45
> 4.00-4.20	1540-1690	1540-1690	1610-1760	1700-1850	1860-2020	40	45
> 4.20-4.50	1520-1670	1520-1670	1590-1740	1690-1840	1850-2000	40	45
> 4.50-4.70	1510-1650	1510-1660	1580-1730	1680-1830	1840-1990	40	45
> 4.70-5.00	1500-1650	1500-1650	1560-1710	1670-1820	1830-1980	40	45
> 5.00-5.60	1470-1620	1460-1610	1540-1690	1660-1810	1800-1950	35	40
> 5.60-6.00	1460-1610	1440-1590	1520-1670	1650-1800	1780-1930	35	40
> 6.00-6.50	1440-1590	1420-1570	1510-1660	1640-1790	1760-1910	35	40
> 6.50-7.00	1430-1580	1400-1550	1500-1650	1630-1780	1740-1890	35	40
> 7.00-8.00	1400-1550	1380-1530	1480-1630	1620-1770	1710-1860	35	40

注: FDsiMn和TDsiMn直径≤5.0mm时, 断面收缩率应≥35%; 直径>5.0mm-8.00mm时, 断面收缩率应≥30%

(GB/T18983 高疲劳级)

直径范围 Dimension (mm)	抗拉强度(MPa) Tensile Strength				断面收缩率 Reduction of Area (%)
	VDC	VDCrV-A	VDCrV-B	VDCrsi	
> 1.40-1.60	1670-1820	1660-1860	1820-1970	2000-2180	45
> 1.60-2.00	1650-1800	1640-1800	1770-1920	1950-2110	45
> 2.00-2.50	1630-1780	1620-1770	1720-1860	1900-2060	45
> 2.50-2.70	1610-1760	1610-1760	1690-1840	1890-2040	45
> 2.70-3.00	1590-1740	1600-1750	1660-1810	1880-2030	45
> 3.00-3.20	1570-1720	1580-1730	1640-1790	1870-2020	45
> 3.20-3.50	1550-1700	1560-1710	1620-1770	1860-2010	45
> 3.50-4.00	1530-1680	1540-1690	1570-1720	1840-1990	45
> 4.20-4.50	1510-1660	1520-1670	1540-1690	1810-1960	45
> 4.70-5.00	1490-1640	1500-1650	1520-1670	1780-1930	45
> 5.00-5.60	1470-1620	1480-1630	1490-1640	1750-1900	40
> 5.60-6.00	1450-1600	1470-1620	1470-1620	1730-1890	40
> 6.00-6.50	1420-1570	1440-1590	1440-1590	1710-1860	40
> 6.50-7.00	1400-1550	1420-1570	1420-1570	1690-1840	40
> 7.00-8.00	1370-1520	1410-1560	1390-1540	1660-1810	40

**琴钢丝 (JIS G 3522-1991)**  
**PIANO WIRE (JIS G 3522-1991)**

公称直径 Diameter (mm)	抗拉强度(MPa) Tensile Strength		
	SWP-A	SWP-B	SWP-V
0.08	2890~3190	3190~3480	-
0.09	2840~3140	3140~3430	-
0.10	2790~3090	3090~3380	-
0.12	2750~3040	3040~3330	-
0.14	2700~2990	2990~3290	-
0.16	2650~2940	2940~3240	-
0.18	2600~2890	2890~3190	-
0.20	2600~2840	2840~3090	-
0.23	2550~2790	2790~3040	-
0.26	2500~2750	2750~2990	-
0.29	2450~2700	2700~2940	-
0.32	2400~2650	2650~2890	-
0.35	2400~2650	2650~2890	-
0.40	2350~2600	2600~2840	-
0.45	2300~2550	2550~2790	-
0.50	2300~2550	2550~2790	-
0.55	2260~2500	2500~2750	-
0.60	2210~2450	2450~2700	-
0.65	2210~2450	2450~2700	-
0.70	2160~2400	2400~2650	-
0.80	2110~2350	2350~2600	-
0.90	2110~2300	2300~2500	-
1.00	2060~2260	2260~2450	2010~2210
1.20	2010~2210	2210~2400	1960~2160
1.40	1960~2160	2160~2350	1910~2110
1.60	1910~2110	2110~2300	1860~2060
1.80	1860~2060	2060~2260	1810~2010
2.00	1810~2010	2010~2210	1770~1910
2.30	1770~1960	1960~2160	1720~1860
2.60	1770~1960	1960~2160	1720~1860
2.90	1720~1910	1910~2110	1720~1860
3.20	1670~1860	1860~2060	1670~1810
3.50	1670~1810	1810~1960	1670~1810
4.00	1670~1810	1810~1960	1670~1810
4.50	1620~1770	1770~1910	1620~1770
5.00	1620~1770	1770~1910	1620~1770
5.50	1570~1710	1710~1860	1570~1720
6.00	1520~1670	1670~1810	1520~1670
6.50	1520~1670	1670~1810	-
7.00	1470~1620	1620~1770	-
8.00	1470~1620	-	-
9.00	1420~1570	-	-
10.00	1420~1570	-	-

**非机械弹簧用碳素弹簧钢丝 (YB/T 5220-93)**  
**CARBON SPRING STEEL WIRE FOR NON-MENCHANICAL SPRING (YB/T 5220-93)**

适用于家具汽车座靠垫、室内装饰等非机械弹簧用圆形截面的冷拉碳素弹簧钢丝。

钢丝直径偏差表 Diameter tolerance of steel wire

钢丝直径 Diameter of steel wire (mm)	允许偏差级别 Grade of allowable tolerance		
	h10	h11	h12
	允许偏差 Allowable tolerance (mm)		
0.20-0.30	±0.01	±0.01	±0.02
> 0.30-0.60	±0.01	±0.02	±0.03
> 0.60-1.00	±0.01	±0.02	±0.03
> 1.00-3.00	±0.02	±0.03	±0.05

钢丝抗拉强度表 Tensile strength table of steel wire

组别 Group	抗拉强度 Tensile strength (MPa)	组别 Group	抗拉强度 Tensile strength (MPa)	组别 Group	抗拉强度 Tensile strength (MPa)
A1	1180-1380	A4	1780-1980	A7	2380-2580
A2	1380-1580	A5	1980-2180	A8	2580-2780
A3	1580-1780	A6	2180-2380	A9	2780-2980

**胎圈用钢丝 (GB 14450-93)**  
**TYRE BEAD WIRE (GB 14450-93)**

适用于制造汽车、拖拉机、飞机及其它运载车辆的轮胎轮圈中钢丝束所用的碳素圆钢丝。

回火钢丝力学性能表

Mechanical performance table of tempering steel wire

钢丝直径 Diameter of steel wire (mm)	抗拉强度 Tensile strength (MPa)	伸长率 Elongation rate (%) L=100mm	单向扭转次/360° Torsion by one-way tome/360° I=100d
0.96	≥1770	≥3	≥25
1.00			

钢丝直径允许偏差表

Diameter allowable tolerance table of steel wire

公称直径 Nominal Diameter (mm)	允许偏差 Allowable tolerance (mm)
0.96	±0.02
1.00	

钢层附着量表

The adhesion of copper coating table

钢丝名称 Names of stell wire	直径 Diameter (mm)	钢层附着量 Adhesion amount of copper coating(g/Kg)
回火钢丝 Tempering stell wire	0.96	0.30-1.35
	1.00	

**辐条钢丝 Spoke steel wire**

钢丝直径 Diameter of steel wire (mm)	弯曲强度 (次/180°) Times of bend (Times/180°)	抗拉强度 Anti-Pulling intensity
2.0-0.03	10	1080-1370
2.26-0.03	14	1080-1370
2.6-0.04	12	980-1270

**胶管钢丝 Steel wire for rubber hose**

钢丝直径 Diameter of steel wire (mm)	弯曲强度 (次/180°) Times of bend (Times/180°)	抗拉强度 Anti-Pulling intensity
2.0-3.00	4	800
> 3.00-4.00	4	780

**伞骨钢丝 Umbrellastand wire**

钢丝直径 Diameter of steel wire (mm)	抗拉强度 Anti-Pulling intensity (Mpa)	反复弯曲 (次/180°) Reverss bending (times/180°)	扭转次数 (次/360°) Turning round (times/360°)
1.7	1370-1730	≥11	≥24
1.8			
1.9	1370-1730	≥9	≥24
2.0			
2.1	1370-1730	≥13	≥24
2.2			

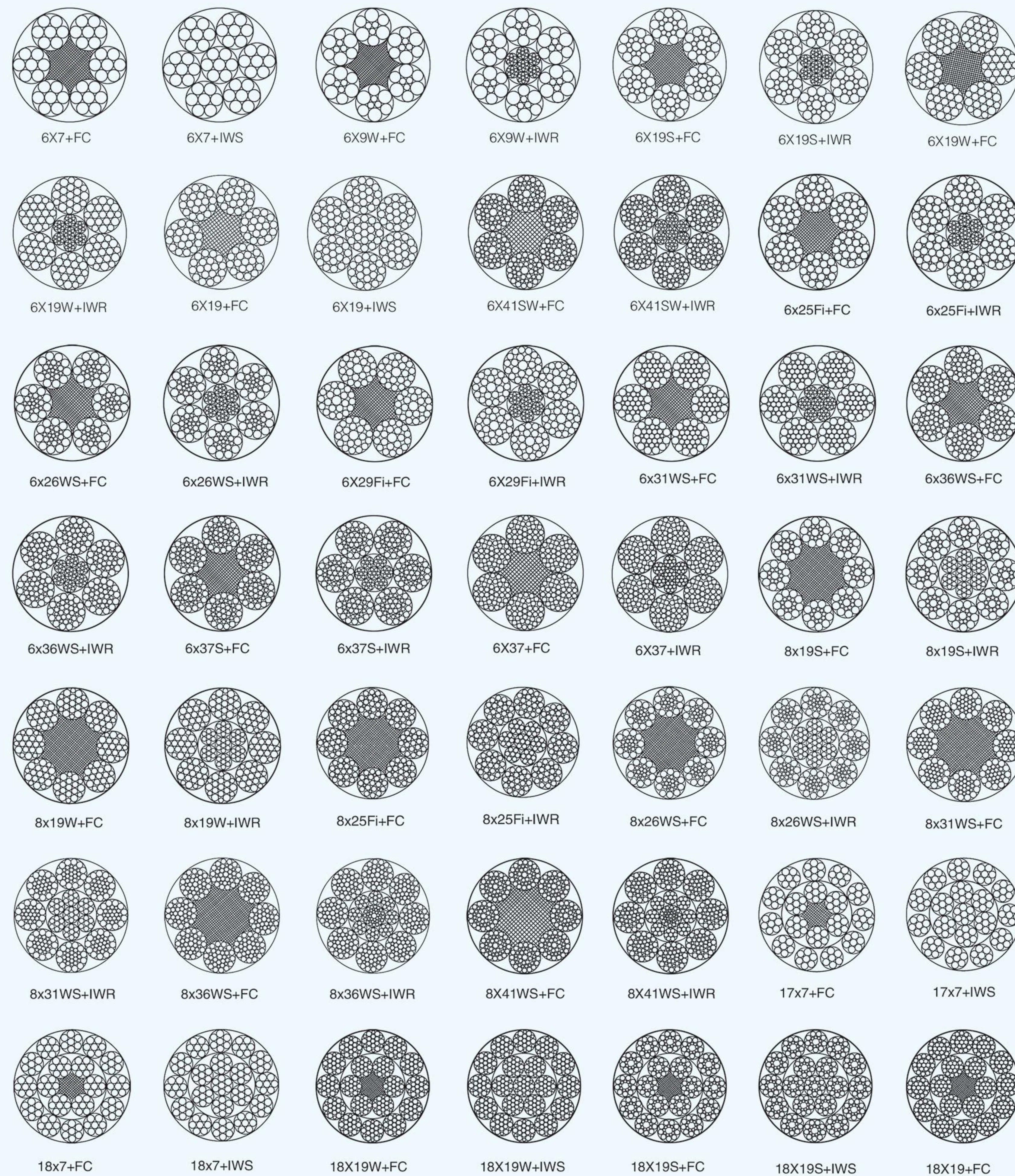
**发夹钢丝 Knitting steel wire**

钢丝直径 Diameter of steel wire (mm)	偏差 Deviation	抗拉强度 Anti-Pulling intensity (Mpa)	弯曲 (次/180°) times of bend (times/180°)
1.0	+ 0.02 - 0.01	1370-1670	≥9
1.3	+ 0.02 - 0.01	1370-1670	≥9

注：规格和标准根据客户要求：other diameters and standards available on demand(ASTM/BS/EN/DIN/ISO/JISG/KSD/GB).

钢丝绳典型结构截面图

TYPICAL CROSS SECTIONS OF STEEL ROPE & STRAND

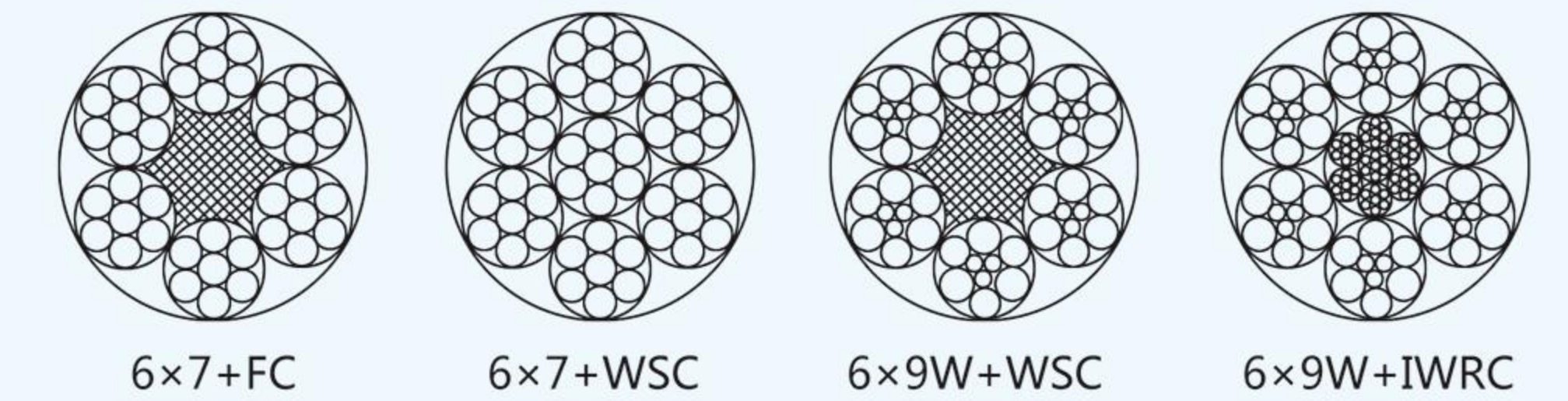


圆股钢丝绳 [光面、镀锌]

STEEL WIRE ROPES (UNGALVANIZED & GALVANIZED)

钢丝绳结构 (Construction) :

**6x7+FC 6x7+WSC**  
**6X9W+FC 6X9W+IWR**

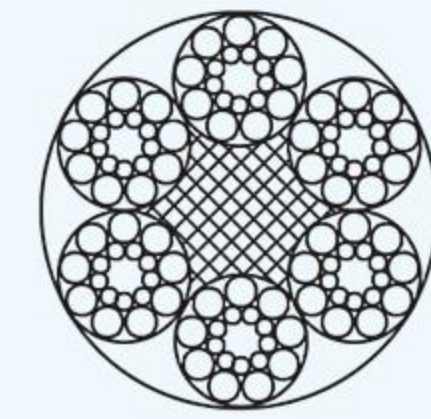


钢丝绳 公称直径 Diameter (mm)	钢丝绳参考重量 (kg/100m) Approximate Weight		钢丝绳公称抗拉强度(MPa) Nominal Tensile Strength									
			1570		1670		1770		1870		1960	
			钢丝绳最小破断拉力(KN) Minimun Breaking Load									
	FC 纤维芯 钢丝绳	IWRC/WSC 钢芯 钢丝绳	FC 纤维芯 钢丝绳	IWRC/WSC 钢芯 钢丝绳	FC 纤维芯 钢丝绳	IWRC/WSC 钢芯 钢丝绳	FC 纤维芯 钢丝绳	IWRC/WSC 钢芯 钢丝绳	FC 纤维芯 钢丝绳	IWRC/WSC 钢芯 钢丝绳	FC 纤维芯 钢丝绳	IWRC/WSC 钢芯 钢丝绳
1.2	0.505	0.557	0.75	0.81	0.80	0.86	0.84	0.91	0.89	0.96	0.94	1.00
2	1.40	1.55	2.08	2.25	2.21	2.39	2.35	2.54	2.48	2.68	2.60	2.81
3	3.16	3.48	4.69	5.07	4.98	5.39	5.28	5.71	5.58	6.04	5.85	6.33
4	5.62	6.19	8.33	9.01	8.87	9.59	9.40	10.10	9.93	10.70	10.40	11.20
5	8.77	9.68	13.00	14.00	13.80	14.90	14.60	15.80	15.50	16.70	16.20	17.60
6	12.60	13.90	18.70	20.20	19.90	21.50	21.10	22.80	22.30	24.10	23.40	25.30
7	17.20	19.00	25.50	27.60	27.10	29.30	28.70	31.10	30.40	32.80	31.80	34.40
8	22.50	24.80	33.30	36.00	35.40	38.30	37.60	40.60	39.70	42.90	41.60	45.00
9	28.40	31.30	42.20	45.60	44.90	48.50	47.50	51.40	50.20	54.30	52.70	56.90
10	35.10	38.70	52.10	56.30	55.40	59.90	58.70	63.50	62.00	67.10	65.00	70.30
11	42.50	46.80	63.00	68.10	67.00	72.50	71.10	76.80	75.10	81.20	78.70	85.10
12	50.50	55.70	75.00	81.10	79.80	86.30	84.60	91.50	89.40	96.60	93.70	101.00
13	59.30	65.40	88.00	95.20	93.70	101.00	99.30	107.00	104.00	113.00	110.00	118.00
14	68.80	75.90	102.00	110.00	108.00	117.00	115.00	124.00	121.00	131.00	127.00	138.00
16	89.90	99.10	133.00	144.00	141.00	153.00	150.00	162.00	158.00	171.00	166.00	180.00
18	114.00	125.00	168.00	182.00	179.00	194.00	190.00	205.00	201.00	217.00	210.00	228.00
20	140.00	155.00	208.00	225.00	221.00	239.00	235.00	254.00	248.00	268.00	260.00	281.00
22	170.00	187.00	252.00	272.00	268.00	290.00	284.00	307.00	300.00	324.00	315.00	340.00
24	202.00	223.00	300.00	324.00	319.00	345.00	338.00	366.00	357.00	386.00	374.00	405.00
26	237.00	262.00	352.00	381.00	371.00	405.00	397.00	429.00	419.00	453.00	440.00	475.00
28	275.00	303.00	408.00	441.00	434.00	470.00	460.00	498.00	486.00	526.00	510.00	551.00
30	316.00	348.00	469.00	507.00	498.00	539.00	528.00	571.00	558.00	604.00	585.00	633.00
32	359.00	396.00	533.00	577.00	567.00	613.00	601.00	650.00	635.00	687.00	666.00	720.00
34	406.00	447.00	602.00	651.00	640.00	693.00	679.00	734.00	717.00	776.00	752.00	813.00
36	455.00	502.00	675.00	730.00	718.00	776.00	761.00	823.00	804.00	870.00	843.00	912.00
38	507.00	559.00	752.00	813.00	800.00	865.00	848.00	917.00	896.00	969.00	940.00	1016.00
40	561.00	619.00	833.00	901.00	887.00	959.00	940.00	1016.00	993.00	1074.00	1041.00	1125.00
42	619.00	682.00	919.00	994.00	978.00	1057.00	1036.00	1120.00	1095.00	1184.00	1147.00	1241.00
44	679.00	749.00	1009.00	1091.00	1073.00	1160.00	1137.00	1230.00	1202.00	1300.00	1260.00	1362.00
46	742.00	818.00	1102.00	1192.00	1173.00	1268.00	1243.00	1344.00	1313.00	1420.00	1377.00	1488.00
48	808.00	891.00	1200.00	1298.00	1277.00	1381.00	1354.00	1464.00	1430.00	1546.00	1499.00	1621.00

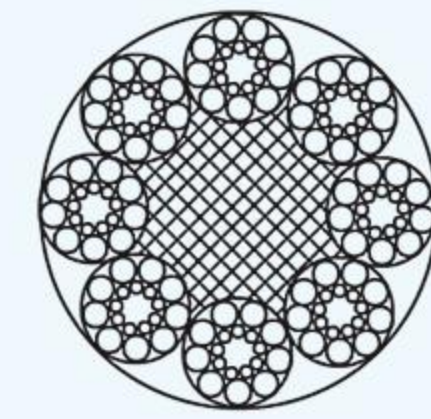
**电梯用钢丝绳**

STEEL WIRE ROPES FOR LIFTS

执行标准(standard) : GB8903-2005  
和各电梯公司采购要求  
purchase request of different elevator company  
结 构(construction) : 股



6X19S+FC



8X19S+FC



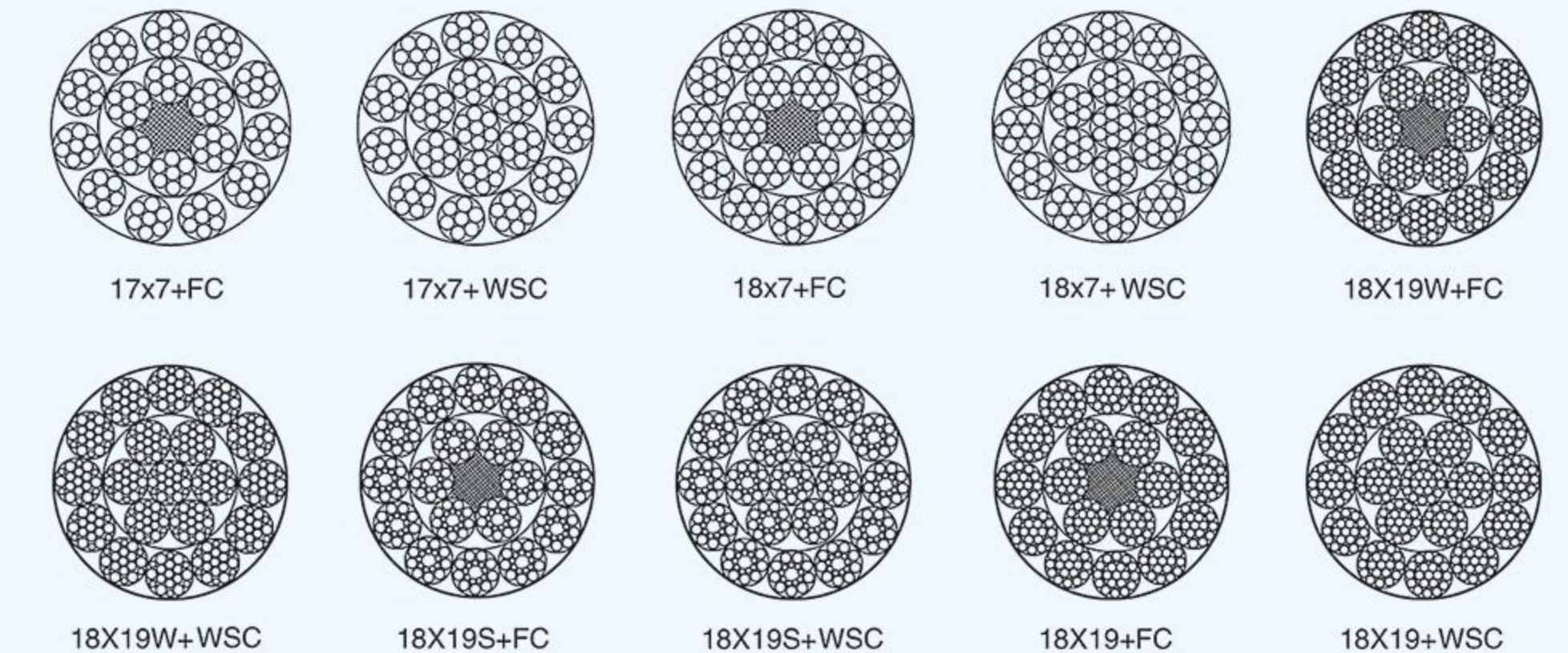
结构 Construction	公称直径 Nominal diameter	近似重量 Approximate weight	钢丝绳最小破断荷载 min.breaking strength		
		天然纤维 Nature fibre	双强度 1370/1770/mm <sup>2</sup> double strength	单强度 1570/mm <sup>2</sup> single strength	单强度 1770/mm <sup>2</sup> single strength
	mm	kg/100m			
6x19S+FC	6	12.9	17.8	18.7	21.0
	8	23.0	31.7	33.2	37.4
	10	35.9	49.5	51.8	58.4
	11	43.4	59.9	62.7	70.7
	13	60.7	83.7	87.6	98.7
	16	91.9	127	133	150
	19	130	179	187	211
	22	174	240	251	283
8x19S+FC	8	21.8	28.1	29.4	33.2
	10	34.0	44.0	46.0	51.9
	11	41.1	53.2	55.7	62.8
	13	57.5	74.3	77.7	87.6
	16	87.0	113	118	133
	19	123	159	166	187
	22	165	213	223	251

**多层不旋转钢丝绳 [光面、镀锌]**

No-rotating Steel wire ropes (Ungalvanized & Galvanized)

钢丝绳结构(Construction) :

- 17×7+FC, 18×7+FC,**
- 18×19S+FC, 18×19W+FC**
- 18×19+FC, 17×7+WSC**
- 18×7+WSC, 18×19S+WSC**
- 18×19W+WSC, 18×19+WSC**



钢丝绳 公称直径 Diameter (mm)	钢丝绳参考重量 (kg/100m) Approximate Weight		钢丝绳公称抗拉强度(MPa) Nominal Tensile Strength									
			1570		1670		1770		1870		1960	
	FC 纤维芯 钢丝绳	IWRC/WSC 钢芯 钢丝绳	FC 纤维芯 钢丝绳	IWRC/WSC 钢芯 钢丝绳	FC 纤维芯 钢丝绳	IWRC/WSC 钢芯 钢丝绳	FC 纤维芯 钢丝绳	IWRC/WSC 钢芯 钢丝绳	FC 纤维芯 钢丝绳	IWRC/WSC 钢芯 钢丝绳	FC 纤维芯 钢丝绳	IWRC/WSC 钢芯 钢丝绳
4	6.20	6.90	7.80	8.20	8.30	8.80	8.80	9.30	9.30	9.80	9.70	10.30
5	9.80	10.80	12.20	12.90	12.90	13.70	13.80	14.50	14.50	15.30	15.20	16.00
6	14.00	15.50	17.50	18.50	18.60	19.70	19.70	20.90	20.90	22.10	21.90	23.10
7	19.10	21.10	23.80	25.20	25.40	26.80	26.90	28.40	28.40	30.10	29.80	31.50
8	25.00	27.50	31.10	33.00	33.10	35.10	35.10	37.20	37.10	39.30	38.90	41.10
9	31.60	34.80	39.40	41.70	41.90	44.40	44.40	47.00	47.00	49.70	49.20	52.10
10	39.00	43.00	48.70	51.50	51.80	54.80	54.90	58.10	58.00	61.30	60.80	64.30
11	47.20	52.00	58.90	62.30	62.60	66.30	66.40	70.20	70.10	74.20	73.50	77.80
12	56.20	61.90	70.10	74.20	74.50	78.90	79.00	83.60	83.60	88.30	87.50	92.60
13	65.90	72.70	82.30	87.00	87.50	92.60	92.60	98.10	98.00	104.00	103.00	109.00
14	76.40	84.30	95.40	101.00	101.00	107.00	108.00	114.00	114.00	120.00	119.00	126.00
16	99.80	110.00	125.00	132.00	133.00	140.00	140.00	149.00	148.00	157.00	156.00	165.00
18	126.00	139.00	158.00	167.00	168.00	177.00	178.00	188.00	188.00	199.00	197.00	208.00
20	156.00	172.00	195.00	206.00	207.00	219.00	219.00	232.00	232.00	245.00	243.00	257.00
22	189.00	208.00	236.00	249.00	251.00	265.00	266.00	281.00	281.00	297.00	294.00	311.00
24	225.00	248.00	280.00	297.00	298.00	316.00	316.00	334.00	334.00	353.00	350.00	370.00
26	264.00	291.00	329.00	348.00	350.00	370.00	371.00	392.00	392.00	415.00	411.00	435.00
28	306.00	337.00	382.00	404.00	406.00	429.00	430.00	455.00	454.00	481.00	476.00	504.00
30	351.00	387.00	438.00	462.00	466.00	493.00	494.00	523.00	522.00	552.00	547.00	579.00
32	399.00	440.00	498.00	527.00	520.00	561.00	562.00	594.00	594.00	628.00	622.00	658.00
34	451.00	497.00	563.00	595.00	598.00	633.00	633.00	671.00	670.00	709.00	702.00	743.00
36	505.00	557.00	631.00	667.00	671.00	710.00	711.00	752.00	751.00	795.00	787.00	833.00
38	563.00	621.00	703.00	744.00	748.00	791.00	792.00	838.00	837.00	886.00	877.00	928.00
40	624.00	688.00	779.00	824.00	828.00	876.00	878.00	929.00	928.00	981.00	972.00	1030.00
42	688.00	759.00	859.00	908.00	913.00	966.00	968.00	1024.00	1022.00	1082.00	1072.00	1134.00
44	755.00	832.00	942.00	997.00	1002.00	1061.00	1062.00	1124.00	1122.00	1186.00	1176.00	1245.00
46	825.00	910.00	1030.00	1090.00	1095.00	1159.00	1161.00	1228.00	1227.00	1298.00	1286.00	1360.00
48	899.00	991.00	1121.00	1186.00	1193.00	1262.00	1264.00	1338.00	1336.00	1413.00	1400.00	1481.00
50	975.00	1075.00	1217.00	1287.00	1294.00	1369.00	1372.00	1451.00	1449.00	1533.00	1519.00	1607.00
52	1055.00	1163.00	1316.00	1392.00	1400.00	1481.00	1483.00	1570.00	1572.00	1659.00	1643.00	1738.00
54	1137.00	1254.00	1419.00	1502.00	1510.00	1597.00	1600.00	1693.00	1690.00	1789.00	1772.00	1875.00
56	1223.00	1348.00	1526.00	1615.00	1623.00	1718.00	1721.00	1820.00	1818.00	1923.00	1905.00	2016.00
60	1404.00	1548.00	1752.00	1854.00	1864.00	1972.00	1975.00	2090.00	2087.00	2208.00	2187.00	2314.00

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