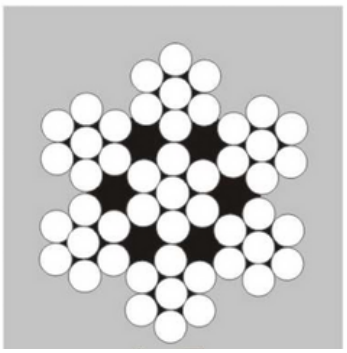
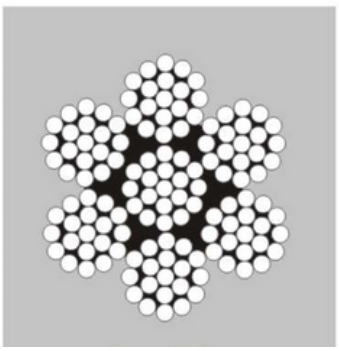
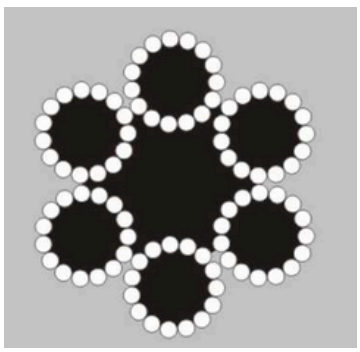
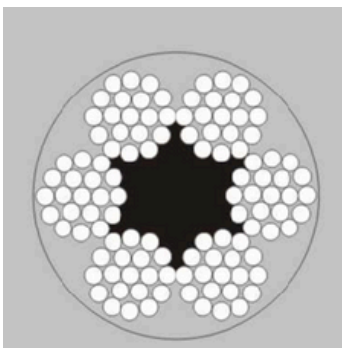
Rex Consolidated

# Wire Rope Catalogue

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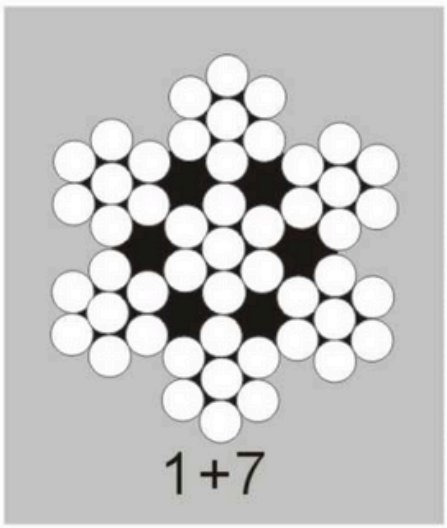
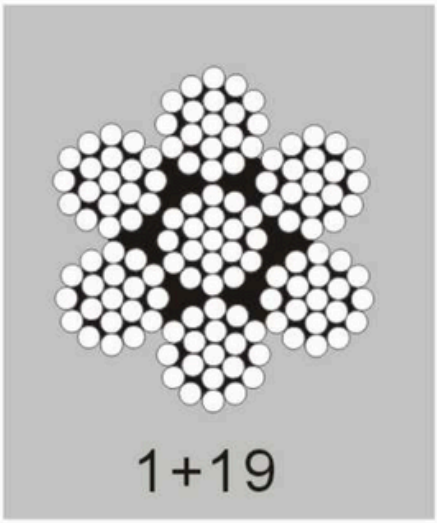
# Galvanized Aircraft Cable



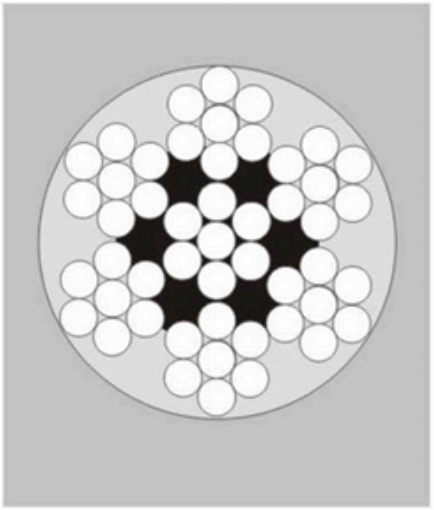

7×7



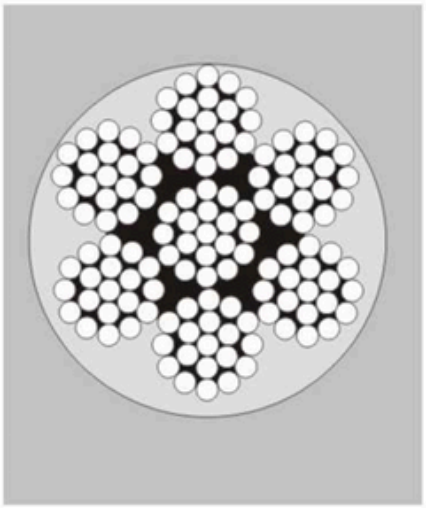

7×19

| Dia / Const | | 7×7 | | 7×19 | |
|---|---|---|---|---|---|
| mm | inch | Nominal Breaking Load Kg | Approx. Weight Kg/100m | Nominal Breaking Load Kg | 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



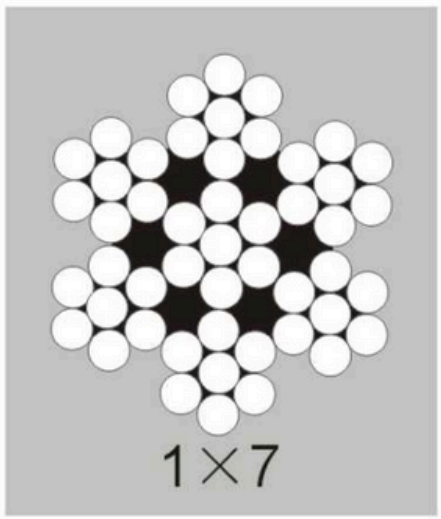
7×7



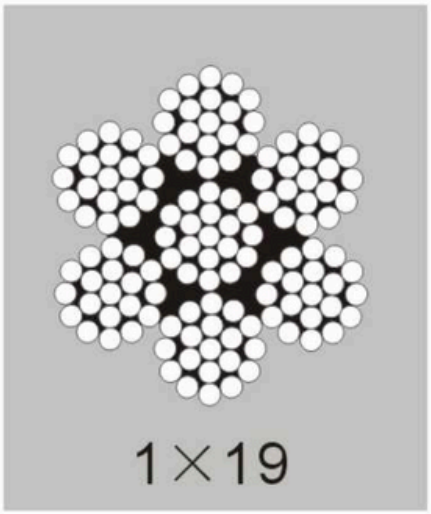
7×19

| Dia \ Const | | | 7×7 | | 7×19 | |
|---|---|---|---|---|---|---|
| Bare Cable (Lnch) | Vinyl Thickness (Lnch) | Coated Cable (Lnch) | Cable Weight Kg/100m | Vinyl Weight Kg/100m | Cable Weight Kg/100m | 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



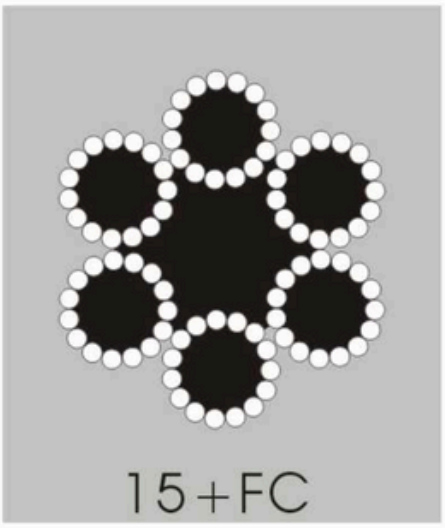

**7×7**




**7×19**

| Bare Cable | Nomimal Diameter | | Tolerance Diameter | Max.Increasing Dia.at the end | Max.Breaking Strength | Elongation (%) | | Approximate Weight |
|---|---|---|---|---|---|---|---|---|
| | mm | In. | mm | mm | N | Elasticity | Plasticity | 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 |
| 8X7+(1X19) | 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 |

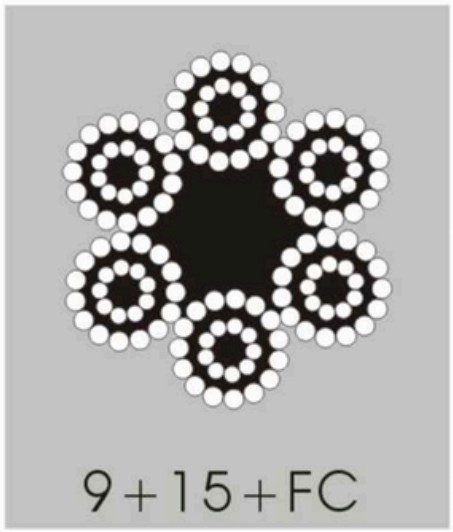
# For Running Rigging,lift lines,Mooring lines,Towing Howsers,Maring & General EngineeringPurposes (Galvanized & Bright)




## 6×15+7FC

| Diameter | | Approx. Weight kg/100m | Minimum breaking strength in kg | |
|---|---|---|---|---|
| mm | Inch | | 150kg/$mm^2$ | 165kg/$mm^2$ |
| 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 |

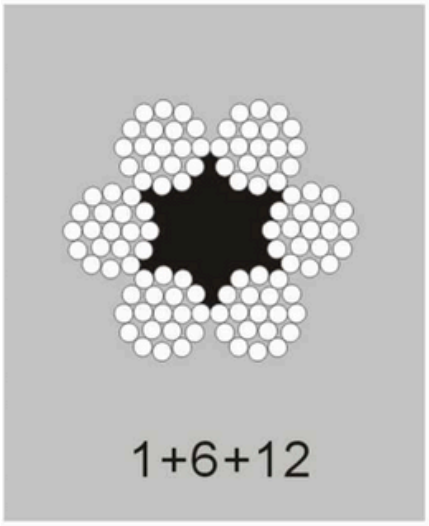
# For Cargo Handling Gear,Mooring & Towing Purpose Marine & For General use on BoardShips (Galvanized & Bright)




## 6×24+7FC

| Diameter | | Approx. Weight kg/100m | Minimum breaking strength in kg | | |
|---|---|---|---|---|---|
| mm | Inch | | 150kg/$mm^2$ | 165kg/$mm^2$ | 180kg/$mm^2$ |
| 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 |

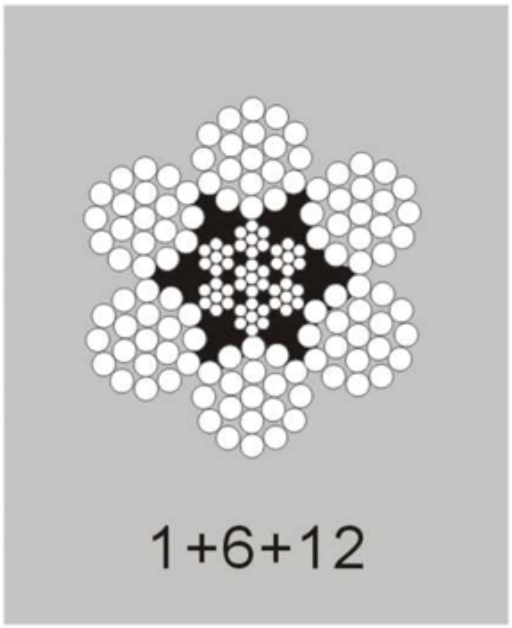
# For Oil Well Drilling,Crane & Hoist,Marine Purpose, Mine Service & General Engineering Lashing Purposes (Galvinized & Bright)




## 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 | — | — |

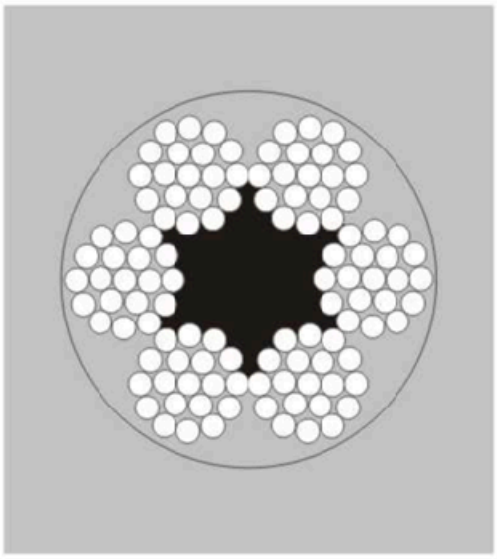
# For Oil Well Drilling,Crane & Hoist, Marine Purpose Mine Service & General Engineering Lashing Purpose (Galvinized & Bright)




## 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 |

# Stainless Steel Wire Rope

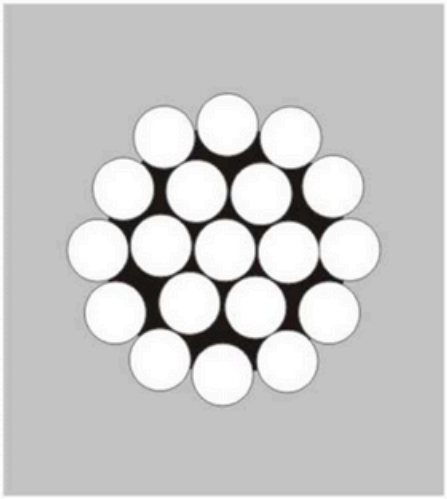


## 6×19

## 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<br>0 | 0.0311 | -- | 4.90 |
| 4 | +7<br>0 | 0.0544 | -- | 8.70 |
| 5 | | 0.0865 | -- | 13.6 |
| 6 | +6<br>0 | 0.125 | -- | 19.6 |
| 7 | | 0.170 | -- | 26.7 |
| 8 | +5<br>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

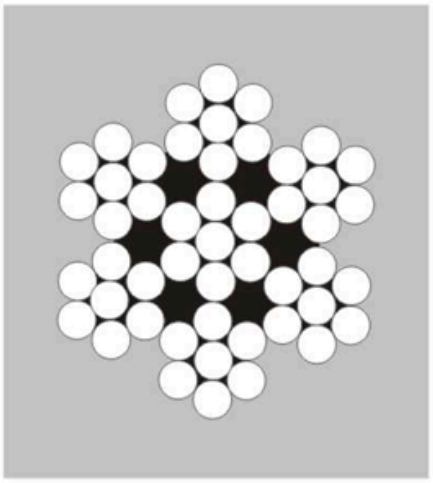


## 1×19

**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 |

# Stainless Steel Wire Rope

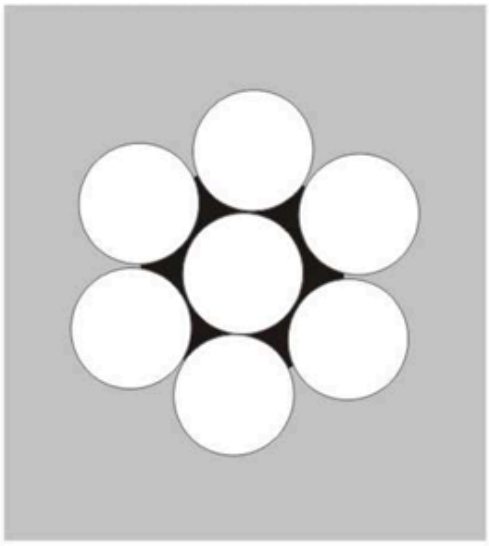


## 7×7(6×7+SE)

**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 |
| 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

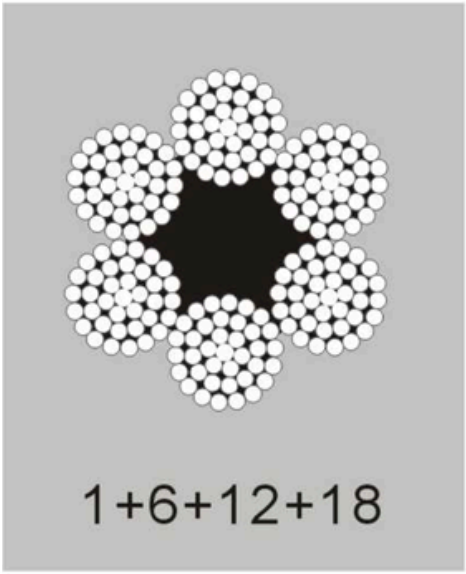


## 1×7

## AISI304 AISI316

| Nominal Diameter | | Weight per Unit of Length | Minimum Breaking Force kn | |
|---|---|---|---|---|
| D(mm) | Tolerance% | kg/m≈ | When Tensile Strength= | |
| | | | 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 |

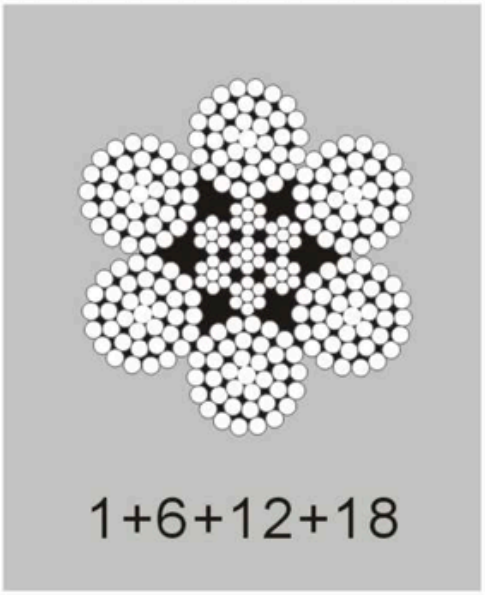
# For Mooring,Heavy Derrick Hoist Ropes, Towing & General Engineering Purposes (Galvinized & Bright)




## 6×37+FC

| Diameter | | Approx. Weight kg/100m | Minimum Breaking Strength in Kg | | | |
|---|---|---|---|---|---|---|
| mm | inch | | 150kg/ mm² | 165kg/ mm² | 180kg/ mm² | 195kg/ mm² |
| 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 |

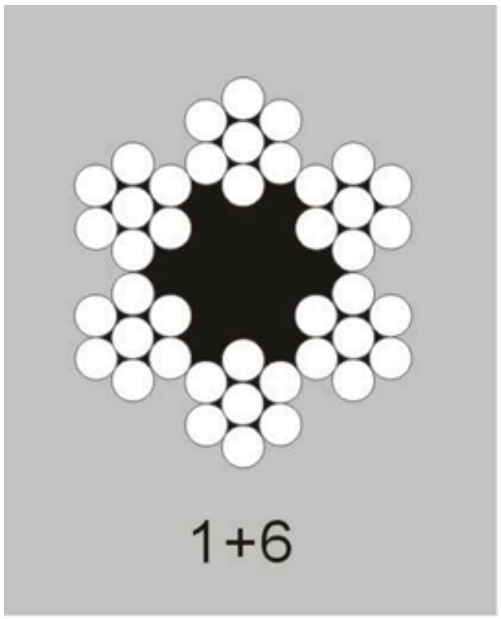
# For Mooring,Heavy Derrick Hoist Ropes,Towing & General Engineering Purposes (Galvanized & Bright)




## 6×37+IWRC

| Diameter | | Approx. Weight kg/100m | Minimum Breaking Strength in Kg | | | |
|---|---|---|---|---|---|---|
| mm | inch | | 150kg/ mm² | 165kg/ mm² | 180kg/ mm² | 195kg/ mm² |
| 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 |

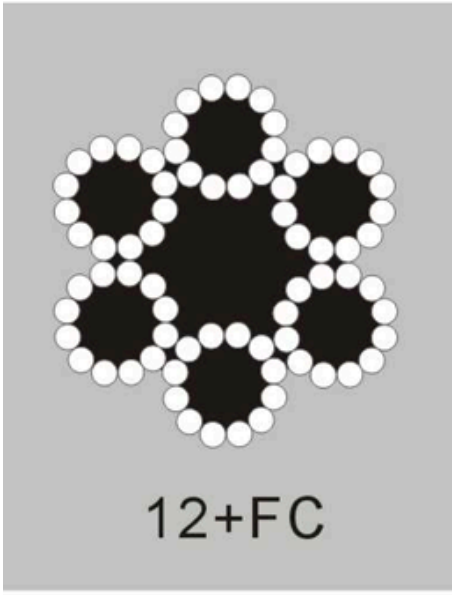
# For Well Drilling & Mining Aerial Tramway,Stay,etc (Galvanized & Bright)




## 6×7+FC

| Diameter | | Approx. Weight kg/100m | Minimum Breaking Strength in Kg | | | |
|---|---|---|---|---|---|---|
| mm | inch | | 150kg/ mm² | 165kg/ mm² | 180kg/ mm² | 195kg/ mm² |
| 3 | 1/8 | 3.7 | 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 |

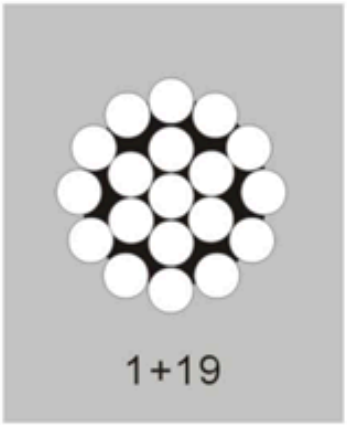
# For Running Rigging,Lift Line,Mooring Lines,Towing Hawsers & General Engineering Marine Purposes (Galvanised & Bright)




## 6×12+7FC

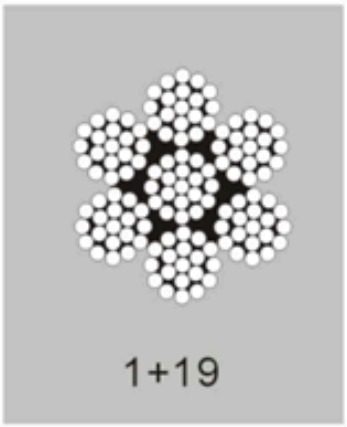
| Diameter | | Approx. Weight kg/100m | Minimum Breaking Strength in Kg | |
|---|---|---|---|---|
| mm | inch | | 150kg/ mm² | 165kg/ mm² |
| 4 | 5/32 | 4.4 | 530 | 580 |
| 5 | 3/16 | 6.8 | 850 | 910 |
| 6 | 1/4 | 9.8 | 1,200 | 1,320 |
| 7 | 9/32 | 13.4 | 1,630 | 1,790 |
| 8 | 5/16 | 16 | 2,130 | 2,340 |
| 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 |

# Available Constructions & Sizes




**1×19**

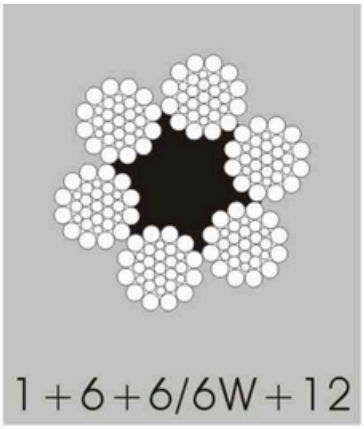

**7×7**



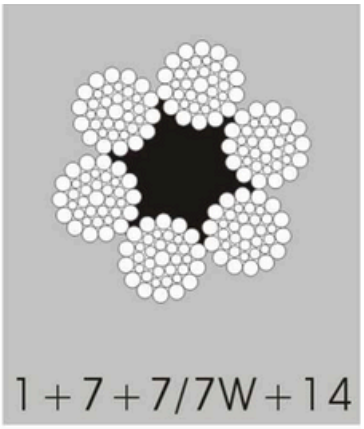

**7×19**

| 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 |

# For Oil Well Drilling,Crane & Hoist,Mine Service & General Engineering Purpose (Galvanised & Bright)



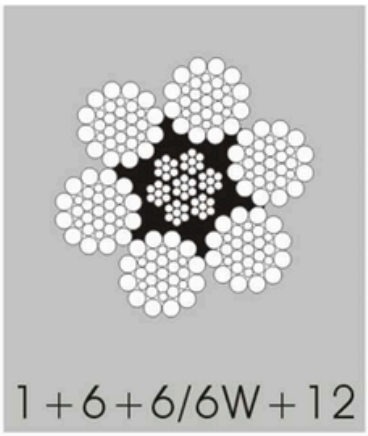

**6×WS(31) FC**



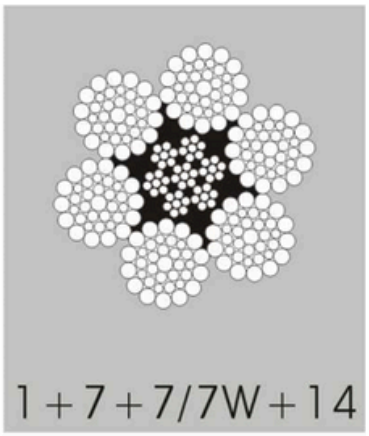

**6×WS(36) FC**

| 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 & General Engineering Purpose (Galvanised & Bright)



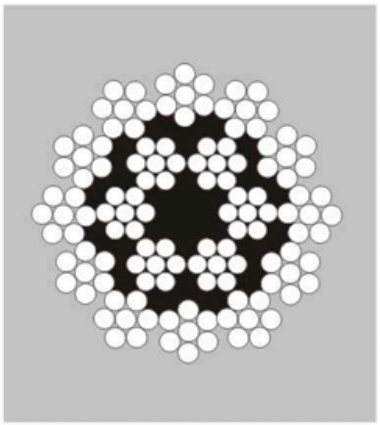

**6×WS(31)**
**IWRC**



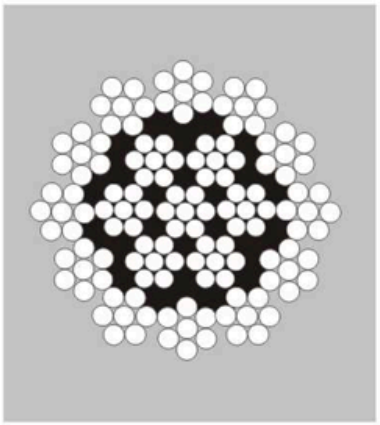

**6×WS(36)**
**IWRC**

| Diameter | | Approx. Weight kg/100m | Minimum breaking strength in kg | | |
|---|---|---|---|---|---|
| mm | Inch | | 165kg/$mm^2$ | 180kg/$mm^2$ | 195kg/$mm^2$ |
| 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 |

# For Oil Well Drilling,Crane & Hoist,Mine Service & General Engineering Purpose (Galvanised & Bright)



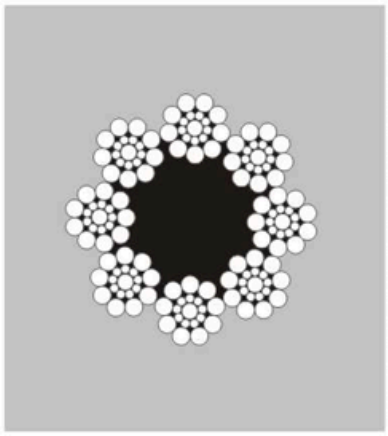
18×7+FC



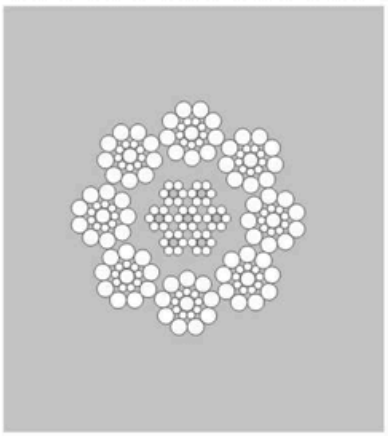
19×7

| 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 |

# Stainless 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 |

# Stainless Steel Wire Rope