



GENERAL ROPE

WUXI METALLINK

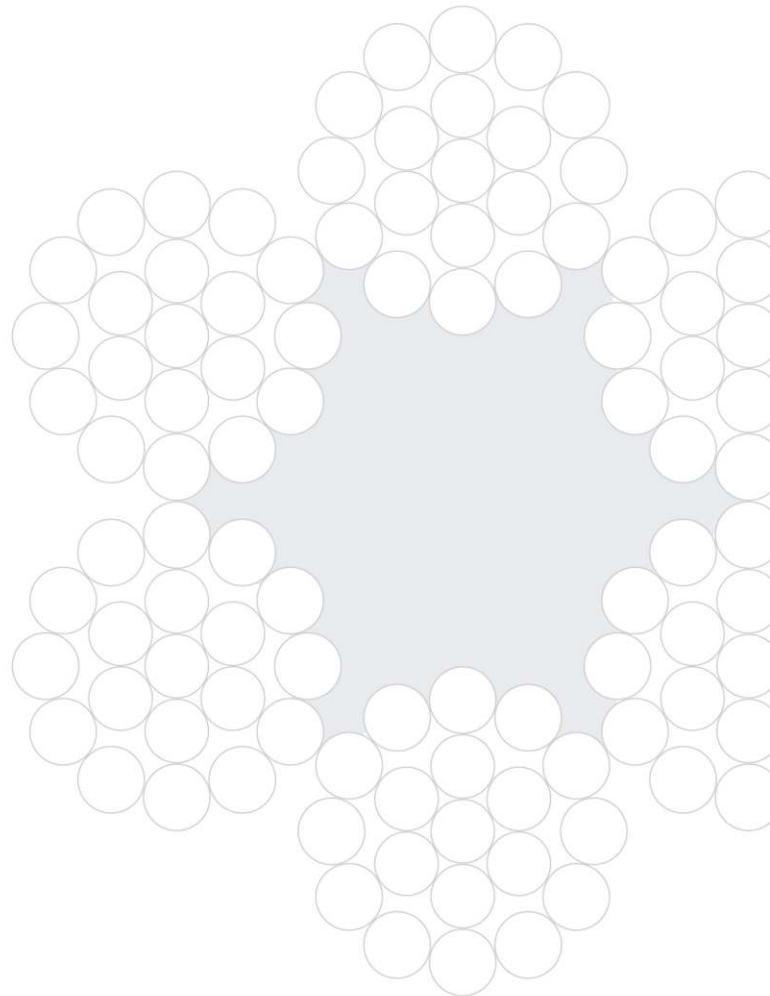
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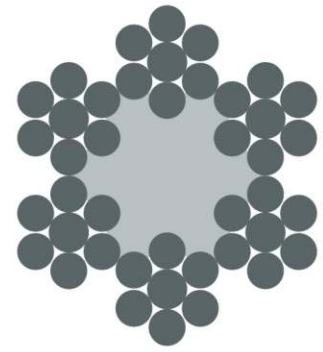


Rope for general purposes

Round strand

Application

General purposes



6×7-FC

| Rope ø | Approx. length mass | MBL (1570) | MBL (1770) | MBL (1960) |
|--------|---------------------|------------|------------|------------|
| mm | kg/100m | kN | kN | kN |
| 2 | 1.40 | 2.08 | 2.35 | 2.60 |
| 3 | 3.16 | 4.69 | 5.29 | 5.86 |
| 4 | 5.62 | 8.34 | 9.40 | 10.4 |
| 5 | 8.78 | 13.0 | 14.7 | 16.3 |
| 6 | 12.6 | 18.8 | 21.2 | 23.4 |
| 7 | 17.2 | 25.5 | 28.8 | 31.9 |
| 8 | 22.5 | 33.4 | 37.6 | 41.6 |
| 9 | 28.4 | 42.2 | 47.6 | 52.7 |
| 10 | 35.1 | 52.1 | 58.8 | 65.1 |
| 11 | 42.5 | 63.1 | 71.1 | 78.7 |
| 12 | 50.5 | 75.1 | 84.6 | 93.7 |
| 13 | 59.3 | 88.1 | 99.3 | 110 |
| 14 | 68.8 | 102 | 115 | 128 |
| 16 | 89.9 | 133 | 150 | 167 |
| 18 | 114 | 169 | 190 | 211 |
| 20 | 140 | 208 | 235 | 260 |
| 22 | 170 | 252 | 284 | 315 |
| 24 | 202 | 300 | 338 | 375 |
| 26 | 237 | 352 | 397 | 440 |
| 28 | 275 | 409 | 461 | 510 |
| 30 | 316 | 469 | 529 | 586 |
| 32 | 359 | 534 | 602 | 666 |
| 36 | 455 | 676 | 762 | 843 |
| 40 | 562 | 834 | 940 | 1040 |

* Standard GB/T 20118, ISO 2408 is available upon request

Rope for general purposes

Round strand

Application

General purposes

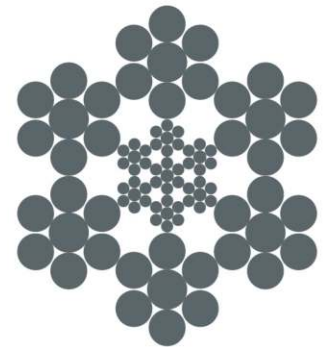
| Rope \varnothing | Approx. length mass | MBL (1570) | MBL (1770) | MBL (1960) |
|--------------------|---------------------|------------|------------|------------|
| mm | kg/100m | kN | kN | kN |
| 2 | 1.58 | 2.44 | 2.75 | 3.04 |
| 3 | 3.56 | 5.48 | 6.18 | 6.84 |
| 4 | 6.34 | 9.75 | 11.0 | 12.2 |
| 5 | 9.90 | 15.2 | 17.2 | 19.0 |
| 6 | 14.3 | 21.9 | 24.7 | 27.4 |
| 7 | 19.4 | 29.8 | 33.7 | 37.3 |
| 8 | 24.8 | 36.1 | 40.7 | 45.0 |
| 9 | 31.3 | 45.7 | 51.5 | 57.0 |
| 10 | 38.7 | 56.4 | 63.5 | 70.4 |
| 11 | 46.8 | 68.2 | 76.9 | 85.1 |
| 12 | 55.7 | 81.2 | 91.5 | 101 |
| 13 | 65.4 | 95.3 | 107 | 119 |
| 14 | 75.9 | 110 | 125 | 138 |
| 16 | 99.1 | 144 | 163 | 180 |
| 18 | 125 | 183 | 206 | 228 |
| 20 | 155 | 225 | 254 | 281 |
| 22 | 187 | 273 | 308 | 341 |
| 24 | 223 | 325 | 366 | 405 |
| 26 | 262 | 381 | 430 | 476 |
| 28 | 303 | 442 | 498 | 552 |
| 30 | 348 | 507 | 572 | 633 |
| 32 | 396 | 577 | 651 | 721 |
| 36 | 502 | 730 | 824 | 912 |
| 40 | 619 | 902 | 1020 | 1130 |

* Standard GB/T 20118, ISO 2408 is available upon request

* WSC for diameter ≤ 7 mm



6x7-WSC



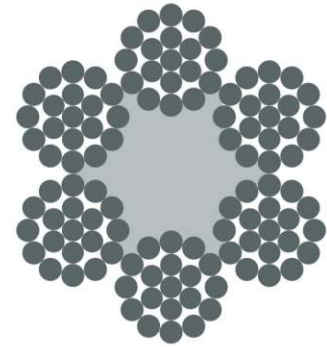
6x7-IWRC

Rope for general purposes

Round strand

Application

General purposes



6×19M-FC

| Rope ø | Approx. length mass | MBL (1570) | MBL (1770) | MBL (1960) |
|--------|---------------------|------------|------------|------------|
| mm | kg/100m | kN | kN | kN |
| 3 | 3.16 | 4.34 | 4.89 | 5.42 |
| 4 | 5.62 | 7.71 | 8.69 | 9.63 |
| 5 | 8.78 | 12.0 | 13.6 | 15.0 |
| 6 | 12.6 | 17.4 | 19.6 | 21.7 |
| 7 | 17.2 | 23.6 | 26.6 | 29.5 |
| 8 | 22.5 | 30.8 | 34.8 | 38.5 |
| 9 | 28.4 | 39.0 | 44.0 | 48.7 |
| 10 | 35.1 | 48.2 | 54.3 | 60.2 |
| 11 | 42.5 | 58.3 | 65.8 | 72.8 |
| 12 | 50.5 | 69.4 | 78.2 | 86.6 |
| 13 | 59.3 | 81.5 | 91.8 | 102 |
| 14 | 68.8 | 94.5 | 107 | 118 |
| 16 | 89.9 | 123 | 139 | 154 |
| 18 | 114 | 156 | 176 | 195 |
| 20 | 140 | 193 | 217 | 241 |
| 22 | 170 | 233 | 263 | 291 |
| 24 | 202 | 278 | 313 | 347 |
| 26 | 237 | 326 | 367 | 407 |
| 28 | 275 | 378 | 426 | 472 |
| 30 | 316 | 434 | 489 | 542 |
| 32 | 359 | 494 | 556 | 616 |
| 36 | 455 | 625 | 704 | 780 |
| 40 | 562 | 771 | 869 | 963 |

* Standard GB/T 20118, ISO 2408 is available upon request

Rope for general purposes

Round strand

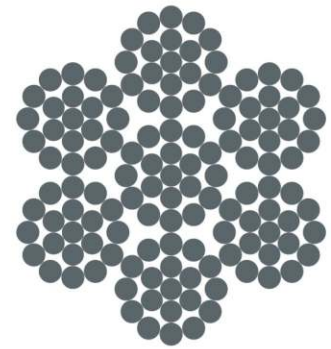
Application

General purposes

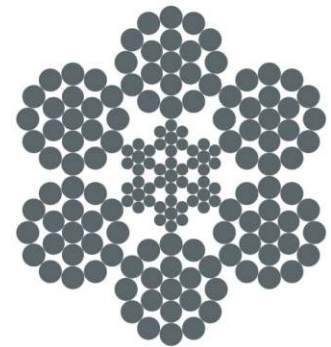
| Rope \varnothing | Approx. length mass | MBL (1570) | MBL (1770) | MBL (1960) |
|--------------------|---------------------|------------|------------|------------|
| mm | kg/100m | kN | kN | kN |
| 3 | 3.43 | 5.12 | 5.77 | 6.39 |
| 4 | 6.10 | 9.09 | 10.3 | 11.4 |
| 5 | 9.53 | 14.2 | 16.0 | 17.7 |
| 6 | 13.7 | 20.5 | 23.1 | 25.5 |
| 7 | 18.7 | 27.8 | 31.4 | 34.8 |
| 8 | 25.6 | 33.4 | 37.6 | 41.6 |
| 9 | 32.4 | 42.2 | 47.6 | 52.7 |
| 10 | 40.0 | 52.1 | 58.8 | 65.1 |
| 11 | 48.4 | 63.1 | 71.1 | 78.7 |
| 12 | 57.6 | 75.1 | 84.6 | 93.7 |
| 13 | 67.6 | 88.1 | 99.3 | 110 |
| 14 | 78.4 | 102 | 115 | 128 |
| 16 | 102 | 133 | 150 | 167 |
| 18 | 130 | 169 | 190 | 211 |
| 20 | 160 | 208 | 235 | 260 |
| 22 | 194 | 252 | 284 | 315 |
| 24 | 230 | 300 | 338 | 375 |
| 26 | 270 | 352 | 397 | 440 |
| 28 | 314 | 409 | 461 | 510 |
| 30 | 360 | 469 | 529 | 586 |
| 32 | 410 | 534 | 602 | 666 |
| 36 | 518 | 676 | 762 | 843 |
| 40 | 640 | 834 | 940 | 1040 |

* Standard GB/T 20118, ISO 2408 is available upon request

* WSC for diameter ≤ 7 mm



6×19M-WSC



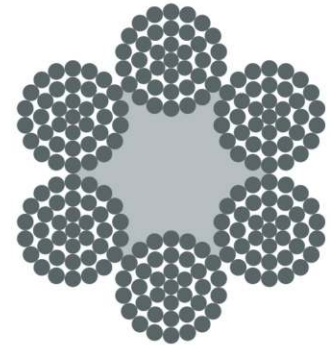
6×19M-IWRC

Rope for general purposes

Round strand

Application

General purposes



6×37M-FC

| Rope ø | Approx. length mass | MBL (1570) | MBL (1770) | MBL (1960) |
|--------|---------------------|------------|------------|------------|
| mm | kg/100m | kN | kN | kN |
| 5 | 8.65 | 11.6 | 13.1 | 14.5 |
| 6 | 12.5 | 16.7 | 18.8 | 20.8 |
| 7 | 17.0 | 22.7 | 25.6 | 28.3 |
| 8 | 22.1 | 29.6 | 33.4 | 37.0 |
| 9 | 28.0 | 37.5 | 42.3 | 46.8 |
| 10 | 34.6 | 46.3 | 52.2 | 57.8 |
| 11 | 41.9 | 56.0 | 63.2 | 70.0 |
| 12 | 49.8 | 66.7 | 75.2 | 83.3 |
| 13 | 58.5 | 78.3 | 88.2 | 97.7 |
| 14 | 67.8 | 90.8 | 102 | 113 |
| 16 | 88.6 | 119 | 134 | 148 |
| 18 | 112 | 150 | 169 | 187 |
| 20 | 138 | 185 | 209 | 231 |
| 22 | 167 | 224 | 253 | 280 |
| 24 | 199 | 267 | 301 | 333 |
| 26 | 234 | 313 | 353 | 391 |
| 28 | 271 | 363 | 409 | 453 |
| 30 | 311 | 417 | 470 | 520 |
| 32 | 354 | 474 | 535 | 592 |
| 36 | 448 | 600 | 677 | 749 |
| 40 | 554 | 741 | 835 | 925 |

* Standard GB/T 20118, ISO 2408 is available upon request

Rope for general purposes

Round strand

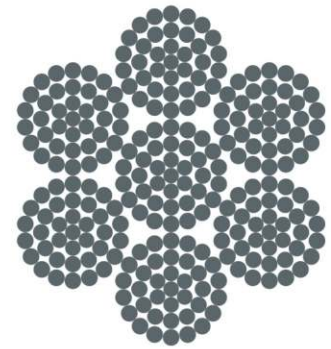
Application

General purposes

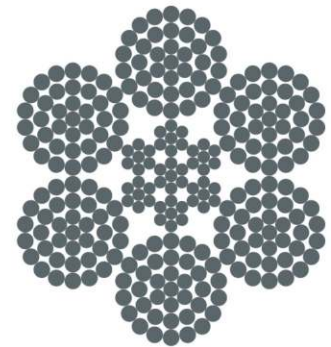
| Rope \varnothing | Approx. length mass | MBL (1570) | MBL (1770) | MBL (1960) |
|--------------------|---------------------|------------|------------|------------|
| mm | kg/100m | kN | kN | kN |
| 5 | 9.53 | 13.6 | 15.3 | 17.0 |
| 6 | 13.7 | 19.6 | 22.0 | 24.4 |
| 7 | 18.7 | 26.6 | 30.0 | 33.2 |
| 8 | 25.6 | 32.1 | 36.1 | 40.0 |
| 9 | 32.4 | 40.6 | 45.7 | 50.6 |
| 10 | 40.0 | 50.1 | 56.5 | 62.5 |
| 11 | 48.4 | 60.6 | 68.3 | 75.7 |
| 12 | 57.6 | 72.1 | 81.3 | 90.0 |
| 13 | 67.6 | 84.6 | 95.4 | 106 |
| 14 | 78.4 | 98.2 | 111 | 123 |
| 16 | 102 | 128 | 145 | 160 |
| 18 | 130 | 162 | 183 | 203 |
| 20 | 160 | 200 | 226 | 250 |
| 22 | 194 | 242 | 273 | 303 |
| 24 | 230 | 288 | 325 | 360 |
| 26 | 270 | 339 | 382 | 423 |
| 28 | 314 | 393 | 443 | 490 |
| 30 | 360 | 451 | 508 | 563 |
| 32 | 410 | 513 | 578 | 640 |
| 36 | 518 | 649 | 732 | 810 |
| 40 | 640 | 801 | 903 | 1000 |

* Standard GB/T 20118, ISO 2408 is available upon request

* WSC for diameter ≤ 7 mm



6x37M-WSC



6x37M-IWRC

Rope for general purposes

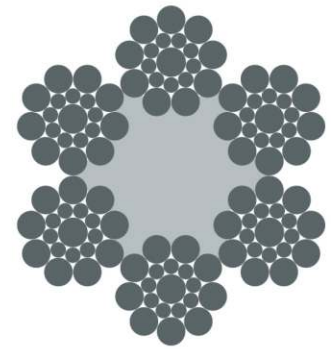
Round strand

Application

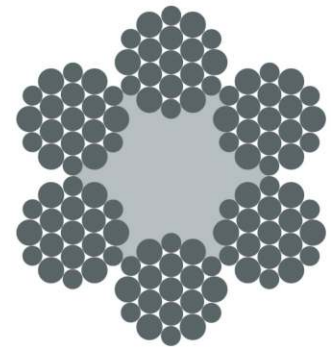
General purposes and crane usage

| Rope \varnothing | Approx. length mass | MBL (1770) | MBL (1960) | MBL (2160) |
|--------------------|---------------------|------------|------------|------------|
| mm | kg/100m | kN | kN | kN |
| 6 | 15.0 | 22.7 | 25.1 | 27.7 |
| 7 | 20.5 | 30.9 | 34.2 | 37.7 |
| 8 | 26.8 | 40.3 | 44.7 | 49.2 |
| 9 | 33.9 | 51.0 | 56.5 | 62.3 |
| 10 | 41.8 | 63.0 | 69.8 | 76.9 |
| 11 | 50.6 | 76.2 | 84.4 | 93.0 |
| 12 | 60.2 | 90.7 | 100 | 111 |
| 13 | 70.6 | 106 | 118 | 130 |
| 14 | 81.9 | 124 | 137 | 151 |
| 16 | 107 | 161 | 179 | 197 |
| 18 | 135 | 204 | 226 | 249 |
| 20 | 167 | 252 | 279 | 308 |
| 22 | 202 | 305 | 338 | 372 |
| 24 | 241 | 363 | 402 | 443 |
| 26 | 283 | 426 | 472 | 520 |
| 28 | 328 | 494 | 547 | 603 |
| 30 | 376 | 567 | 628 | 692 |
| 32 | 428 | 645 | 715 | 787 |
| 36 | 542 | 817 | 904 | 997 |
| 40 | 669 | 1010 | 1120 | 1230 |
| 44 | 809 | 1220 | 1350 | 1490 |
| 48 | 963 | 1450 | 1610 | 1770 |
| 52 | 1130 | 1700 | 1890 | 2080 |
| 56 | 1310 | 1980 | 2190 | 2410 |
| 60 | 1500 | 2270 | 2510 | 2770 |

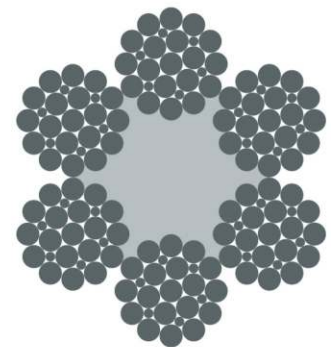
* Standard GB/T 20118, ISO 2408 is available upon request



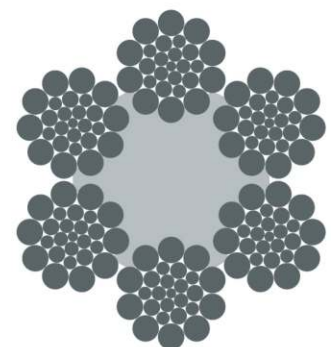
6×19S-FC



6×19W-FC



6×25F-FC



6×26WS-FC

Rope for general purposes

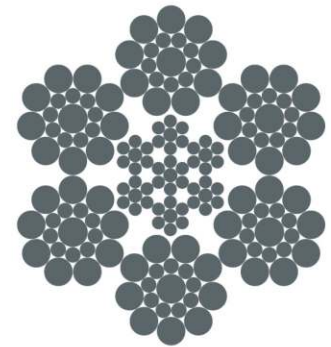
Round strand

Application

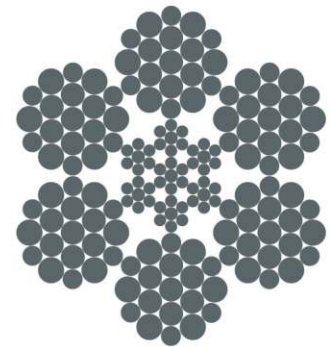
General purposes and crane usage

| Rope \varnothing | Approx. length mass | MBL (1770) | MBL (1960) | MBL (2160) |
|--------------------|---------------------|------------|------------|------------|
| mm | kg/100m | kN | kN | kN |
| 6 | 15.0 | 22.7 | 25.1 | 27.7 |
| 7 | 20.5 | 30.9 | 34.2 | 37.7 |
| 8 | 26.8 | 40.3 | 44.7 | 49.2 |
| 9 | 33.9 | 51.0 | 56.5 | 62.3 |
| 10 | 41.8 | 63.0 | 69.8 | 76.9 |
| 11 | 50.6 | 76.2 | 84.4 | 93.0 |
| 12 | 60.2 | 90.7 | 100 | 111 |
| 13 | 70.6 | 106 | 118 | 130 |
| 14 | 81.9 | 124 | 137 | 151 |
| 16 | 107 | 161 | 179 | 197 |
| 18 | 135 | 204 | 226 | 249 |
| 20 | 167 | 252 | 279 | 308 |
| 22 | 202 | 305 | 338 | 372 |
| 24 | 241 | 363 | 402 | 443 |
| 26 | 283 | 426 | 472 | 520 |
| 28 | 328 | 494 | 547 | 603 |
| 30 | 376 | 567 | 628 | 692 |
| 32 | 428 | 645 | 715 | 787 |
| 36 | 542 | 817 | 904 | 997 |
| 40 | 669 | 1010 | 1120 | 1230 |
| 44 | 809 | 1220 | 1350 | 1490 |
| 48 | 963 | 1450 | 1610 | 1770 |
| 52 | 1130 | 1700 | 1890 | 2080 |
| 56 | 1310 | 1980 | 2190 | 2410 |
| 60 | 1500 | 2270 | 2510 | 2770 |

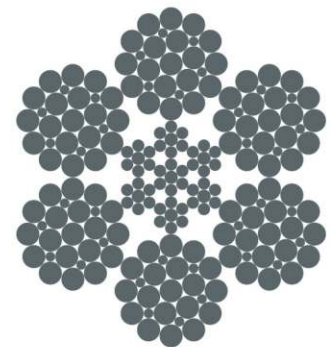
* Standard GB/T 20118, ISO 2408 is available upon request



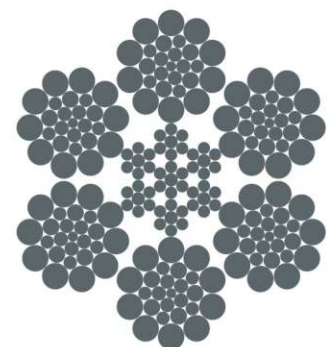
6×19S-IWRC



6×19W-IWRC



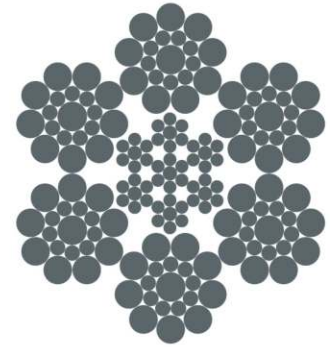
6×25F-IWRC



6×26WS-IWRC

Standardized rope designation

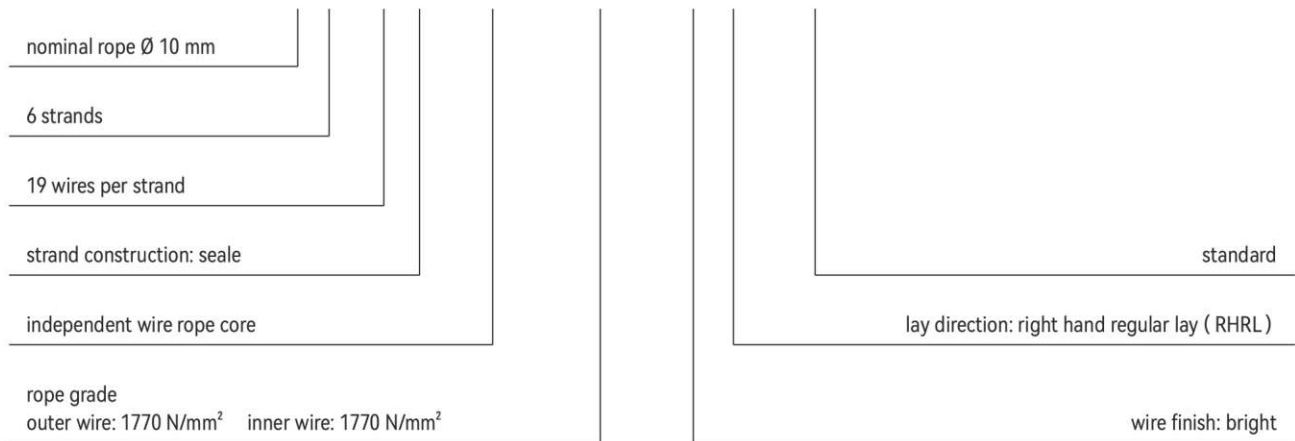
These symbols have to be used for the standardized rope designation



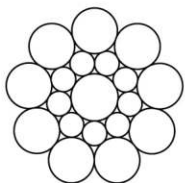
6×19S-IWRC

Example

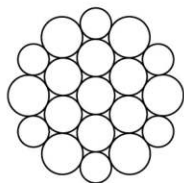
10_6 × 19 S - IWRC 1770 U sZ GB/T 20118



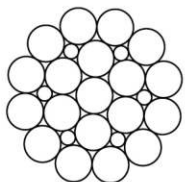
Strand construction



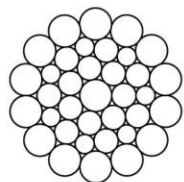
Seale



Warrington



Filler



Warrington-Seale

Lay direction

sZ = right hand regular lay
zZ = right hand lang lay
zS = left hand regular lay
sS = left hand lang lay

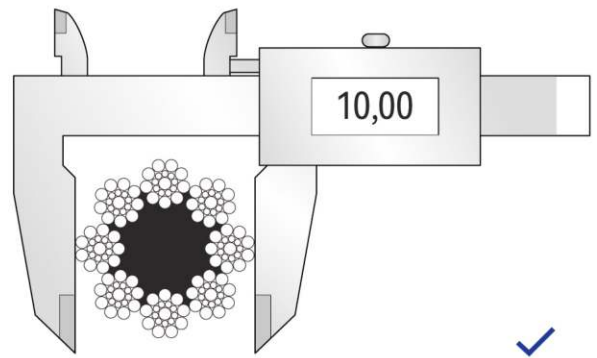
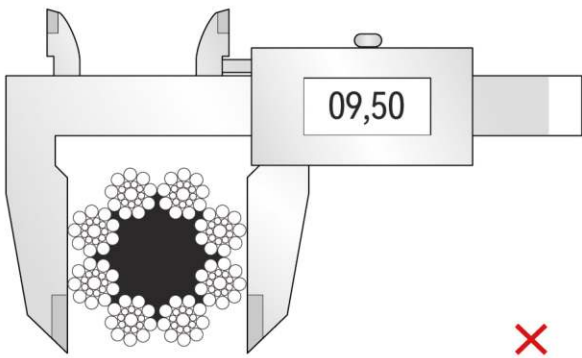
Wire finish

U = bright, non-galvanized
B = quality B galvanized

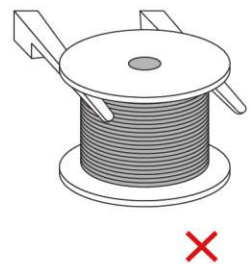
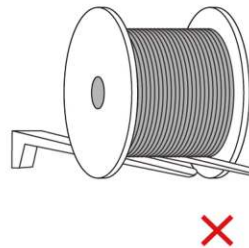
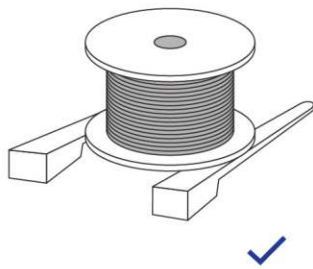
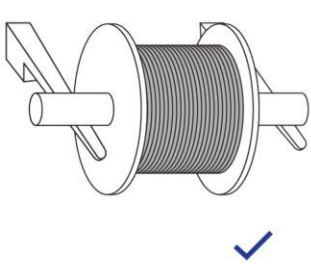
Rope core type

NFC = natural fibre core
SFC = synthetic fiber core
WSC = wire strand core
IWRC = independant wire rope core
PWRC = parallel wire rope centre

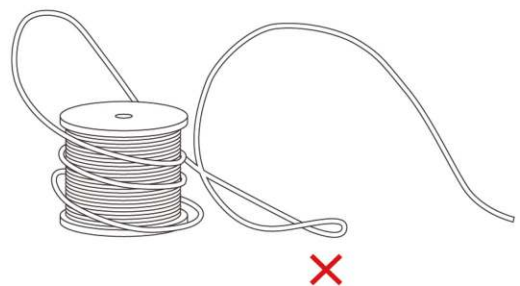
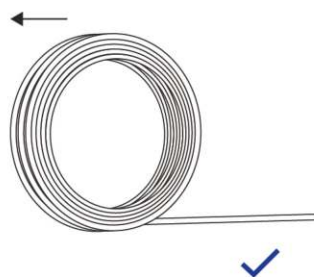
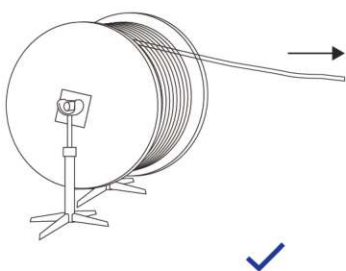
Diameter measurement



Carrying ropes



Unwinding ropes





CONTACT US

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