



IWRC 6xWS(41) Construction 7x7+6xWS[1+8+(8+8)+16]

■ JIS

| Rope Diameter mm | Outer wire diameter mm | Sectional area mm ² | Breaking load kN | | Rough calculation unit mass kg/m |
|------------------|------------------------|--------------------------------|-------------------|---------------|----------------------------------|
| | | | Bright·Galvanized | Bright | |
| | | | B grade | Special grade | |
| 30 | 1.52 | 456 | 609 | 640 | 3.96 |
| 31.5 | 1.60 | 502 | 672 | 706 | 4.37 |
| 33.5 | 1.70 | 568 | 760 | 798 | 4.94 |
| 35.5 | 1.80 | 638 | 853 | 896 | 5.55 |
| 37.5 | 1.91 | 712 | 952 | 1000 | 6.19 |
| 40 | 2.03 | 810 | 1080 | 1140 | 7.04 |
| 42.5 | 2.14 | 914 | 1220 | 1280 | 7.95 |
| 45 | 2.30 | 1030 | 1370 | 1440 | 8.91 |
| 47.5 | 2.40 | 1140 | 1530 | 1600 | 9.93 |
| 50 | 2.55 | 1270 | 1690 | 1780 | 11.0 |
| 53 | 2.70 | 1420 | 1900 | 2000 | 12.4 |
| 56 | 2.86 | 1590 | 2120 | 2230 | 13.8 |
| 60 | 3.07 | 1820 | 2440 | 2560 | 15.8 |

■ TSK grade

| Rope Diameter mm | Outer wire diameter mm | Sectional area mm ² | Breaking load kN | | Rough calculation unit mass kg/m |
|------------------|------------------------|--------------------------------|-------------------|---------------|----------------------------------|
| | | | Bright·Galvanized | Bright | |
| | | | B grade | Special grade | |
| 63 | 3.20 | 2010 | 2690 | - | 17.5 |
| 67 | 3.40 | 2270 | 3040 | - | 19.8 |
| 71 | 3.60 | 2550 | 3410 | - | 22.2 |
| 75 | 3.80 | 2850 | 3810 | - | 24.8 |
| 80 | 4.05 | 3240 | 4330 | - | 28.2 |
| 85 | 4.34 | 3660 | 4890 | - | 31.8 |
| 90 | 4.60 | 4100 | 5480 | - | 35.6 |
| 95 | 4.87 | 4570 | 6110 | - | 39.7 |