



# STEEL WIRE ROPES

Steel wire ropes of simple construction bright and galvanised  
DIN EN 12385 - 2, 12385 - 4, 1353-86+A1/ 2003

Construction 6 x 19M + FC & 6 x 19M + WSC

Diameter Ø 5.00 - 42.00 mm

Tensile strenght of wire 1570 - 1960 N/ mm<sup>2</sup>

| Diam [mm] | Aproximate, nominal length mass [kg/ m] 6 x 19 + FC | Minimum breaking load (KN) [ 1770 N/ mm <sup>2</sup> ] 6 x 19 + FC | Aproximate, nominal length mass [kg/ m] 6 x 19 + WSC | Minimum breaking load (KN) [ 1770 N/ mm <sup>2</sup> ] 6 x 19 + WSC |
|-----------|---|--|--|---|
| 5         | 0,0865  | 13,60  | 0,0952   | 16,00   |
| 6         | 0,1250  | 19,60  | 0,1370   | 23,10   |
| 7         | 0,1700  | 26,60  | 0,1870   | 31,40   |
| 8         | 0,2210  | 40,50  | 0,2430   | 47,00   |
| 9         | 0,2800  | 51,20  | 0,3080   | 59,40   |
| 10        | 0,3460  | 63,30  | 0,3810   | 73,40   |
| 11        | 0,4190  | 75,50  | 0,4610   | 88,80   |
| 12        | 0,4980  | 91,10  | 0,5480   | 106,00  |
| 13        | 0,5850  | 107,00   | 0,6430   | 124,00  |
| 14        | 0,6780  | 124,00   | 0,7460   | 144,00  |
| 16        | 0,8860  | 162,00   | 0,9740   | 188,00  |
| 18        | 1,1200  | 205,00   | 1,2300   | 238,00  |
| 20        | 1,3800  | 253,00   | 1,5200   | 293,00  |
| 22        | 1,6700  | 306,00   | 1,8400   | 355,00  |
| 24        | 1,9900  | 364,00   | 2,1900   | 423,00  |
| 26        | 2,3400  | 428,00   | 2,5700   | 496,00  |
| 28        | 2,7100  | 496,00   | 2,9800   | 575,00  |
| 32        | 3,5400  | 468,00   | 3,9000   | 751,00  |
| 36        | 4,4800  | 820,00   | 4,9300   | 951,00  |
| 40        | 5,5400  | 1010,00  | 6,0900   | 1170,00   |
| 42        | 6,3300  | 1115,00  | 7,0600   | 1295,00   |

Application area - tracking rope, mine cranes, forest installations, cants, elevators

Note: If customer request we can perform total breaking load ( ABL ) for ropes

