



## 1x19, STAS 1513-1980

| Diametru nominal al cablului<br><i>Rope nominal diameter</i><br>mm | Diametru sarma<br><i>Wire diameter</i><br>mm | Aria sectiunii sarmelor<br><i>Cross sectional area</i><br>mm <sup>2</sup> | Masa cablului<br><i>Weight</i> |                                      | Rezistenta minima de rupere la tractiune a sarmelor<br><i>Wire Minimum Breaking Strength</i>        |                   |                   |                   |                   |
|--|--|---|--------------------------------|--------------------------------------|---|-------------------|-------------------|-------------------|-------------------|
|  |  |   | Mat<br><i>Bright</i><br>kg/km  | Zincat<br><i>Galvanized</i><br>kg/km | 1180  | 1370              | 1570              | 1760              | 1960              |
|  |  |   |                                |                                      | N/mm <sup>2</sup>   | N/mm <sup>2</sup> | N/mm <sup>2</sup> | N/mm <sup>2</sup> | N/mm <sup>2</sup> |
|  |  |   |                                |                                      | Sarcina reala minima de rupere calculata a cablului<br><i>Rope Minimum Calculated Breaking Load</i> |                   |                   |                   |                   |
|  |  |   |                                |                                      | N   | N                 | N                 | N                 | N                 |
| 1  | 0.2  | 0.60  | 5                              | 5                                    | -   | -                 | -                 | 960               | 1060              |
| 1.5  | 0.3  | 1.34  | 11                             | 11                                   | -   | -                 | -                 | 2160              | 2360              |
| 2  | 0.4  | 2.39  | 20                             | 20                                   | -   | 3040              | 3440              | 3840              | 4220              |
| 2.5  | 0.5  | 3.73  | 31                             | 31                                   | -   | 4700              | 5300              | 5990              | 6590              |
| 3  | 0.6  | 5.37  | 46                             | 45                                   | -   | 5800              | 7652              | 8640              | 9500              |
| 3.5  | 0.7  | 7.31  | 62                             | 61                                   | -   | 9200              | 10400             | 11800             | 12800             |
| 4  | 0.8  | 9.55  | 80                             | 79                                   | -   | 12050             | 13650             | 15300             | 16800             |
| 5  | 1.0  | 14.92   | 125                            | 123                                  | -   | 18800             | 21300             | 23950             | 26400             |
| 6  | 1.2  | 21.49   | 182                            | 178                                  | -   | 27200             | 30800             | 34350             | 38000             |
| 7  | 1.4  | 29.25   | 246                            | 242                                  | -   | 37000             | 41700             | 47000             | -                 |
| 8  | 1.6  | 38.20   | 321                            | 315                                  | -   | 48250             | 54600             | 61500             | -                 |
| 9  | 1.8  | 48.35   | 406                            | 399                                  | 52300   | 61250             | 69000             | 77500             | -                 |
| 10   | 2.0  | 59.69   | 502                            | 492                                  | 58000   | 75500             | 85000             | 96000             | -                 |
| 12   | 2.4  | 85.95   | 722                            | 708                                  | 93000   | 108000            | 125500            | 139000            | -                 |
| 14   | 2.8  | 116.99  | 983                            | 963                                  | 127000  | 148000            | 168000            | 188500            | -                 |
| 16   | 3.2  | 152.81  | 1284                           | 1258                                 | 165000  | 193000            | 217800            | 245000            | -                 |
| 18   | 3.6  | 193.40  | 1625                           | 1590                                 | 208000  | 244000            | -                 | -                 | -                 |
| 20   | 4.0  | 238.76  | 2006                           | -                                    | 258000  | -                 | -                 | -                 | -                 |