

## Products

### Retenida® 1x7 Class

- Galvanized Guy Strand
- 1x7
- 1x19



1x7



1x19

### 1x7 Class Strength & Weights Chart (inches)

| Diameter (in) | Construction | Approx. Weight (lb/1,000 ft) | Minimum Breaking Force (lbs.) |                           |
|---------------|--------------|------------------------------|-------------------------------|---------------------------|
|               |              |                              | High Strength Grade           | Extra High Strength Grade |
| 1/8           | 1x7          | 32                           | 1,330                         | 1,830                     |
| 3/16          | 1x7          | 73                           | 2,850                         | 3,990                     |
| 1/4           | 1x7          | 121                          | 4,750                         | 6,650                     |
| 5/16          | 1x7          | 205                          | 8,000                         | 11,200                    |
| 3/8           | 1x7          | 273                          | 10,800                        | 15,400                    |
| 7/16          | 1x7          | 399                          | 14,500                        | 20,800                    |
| 1/2           | 1x7          | 517                          | 18,800                        | 26,900                    |
| 1/2           | 1x19         | 504                          | 19,100                        | 26,700                    |
| 9/16          | 1x7          | 671                          | 24,500                        | 35,000                    |
| 9/16          | 1x19         | 637                          | 24,100                        | 33,700                    |
| 5/8           | 1x7          | 813                          | 29,600                        | 42,400                    |
| 5/8           | 1x19         | 796                          | 28,100                        | 40,200                    |
| 3/4           | 1x19         | 1,155                        | 40,800                        | 58,300                    |
| 7/8           | 1x19         | 1,581                        | 55,800                        | 79,700                    |
| 1             | 1x19         | 2,073                        | 73,200                        | 104,500                   |
| 1             | 1x37         | 2,057                        | 71,900                        | 102,700                   |
| 1 1/8         | 1x37         | 2,691                        | 91,600                        | 130,800                   |
| 1 1/4         | 1x37         | 3,248                        | 113,600                       | 162,200                   |

Reference specifications: ASTM - A475; NMX-B-395

### 1x7 Class Strength & Weights Chart (millimeters)

| Diameter (mm) | Construction | Approx. Weight (kg/m) | Minimum Breaking Force (Metric Tons) |                           |
|---------------|--------------|-----------------------|--------------------------------------|---------------------------|
|               |              |                       | High Strength Grade                  | Extra High Strength Grade |
| 3.2           | 1x7          | 0.048                 | 603                                  | 830                       |
| 4.8           | 1x7          | 0.109                 | 1,293                                | 1,810                     |

|  |      |       |        |        |
|--|------|-------|--------|--------|
| 6.4  | 1x7  | 0.180 | 2,155  | 3,016  |
| 8  | 1x7  | 0.305 | 3,629  | 5,080  |
| 9.5  | 1x7  | 0.406 | 4,899  | 6,985  |
| 11.1   | 1x7  | 0.594 | 6,570  | 9,430  |
| 13.0   | 1x7  | 0.769 | 8,528  | 12,202 |
| 13.0   | 1x19 | 0.750 | 8,664  | 12,111 |
| 14.3   | 1x7  | 0.999 | 11,113 | 15,876 |
| 14.3   | 1x19 | 0.948 | 10,932 | 15,286 |
| 15.9   | 1x7  | 1.210 | 13,427 | 19,233 |
| 15.9   | 1x19 | 1.185 | 12,746 | 18,235 |
| 19.1   | 1x19 | 1.719 | 18,507 | 26,445 |
| 22.2   | 1x19 | 2.353 | 25,311 | 36,152 |
| 25.4   | 1x19 | 3.085 | 33,204 | 47,401 |
| 25.4   | 1x37 | 3.061 | 32,614 | 46,585 |
| 28.6   | 1x37 | 4.005 | 41,550 | 59,331 |
| 31.8   | 1x37 | 4.834 | 51,529 | 73,574 |
| Reference specifications: ASTM - A475; NMX-B-395 |      |       |        |        |

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