

Table H - 7 (b)

Rated Capacities for 2-Leg and 3-Leg Bridle Slings

6X19 and 6X37 Classification Improved Plow Steel Grade Rope with Fiber Core (FC)

| Rope | | Rated Capacities, tons (2,000 lb.) 3-Leg Bridle Slings | | | | | |
|---------------|---------|---|------|-----------|------|----------------|------|
| Dia. (in.) | Constr. | 30°↑1 (60) ↑2 | | 45° angle | | 60°↑1 (30°) ↑2 | |
| | | HT | MS | HT | MS | HT | MS |
| 1/4 | 6X19 | 1.3 | 1.3 | 1.0 | 1.1 | 0.74 | 0.7 |
| 5/16 | 6X19 | 2.0 | 2.0 | 1.6 | 1.7 | 1.1 | 1.2 |
| 3/8 | 6X19 | 2.8 | 2.9 | 2.3 | 2.4 | 1.6 | 1.7 |
| 7/16 | 6X19 | 3.7 | 4.0 | 3.0 | 3.2 | 2.1 | 2.3 |
| 1/2 | 6X19 | 4.8 | 5.1 | 3.9 | 4.2 | 2.8 | 3.0 |
| 9/16 | 6X19 | 6.0 | 6.5 | 4.9 | 5.3 | 3.4 | 3.7 |
| 5/8 | 6X19 | 7.3 | 8.0 | 5.9 | 6.5 | 4.2 | 4.6 |
| 3/4 | 6X19 | 10.0 | 11.0 | 8.3 | 9.3 | 5.8 | 6.6 |
| 7/8 | 6X19 | 13.0 | 15.0 | 11.0 | 13.0 | 7.7 | 8.9 |
| 1 | 6X19 | 17.0 | 20.0 | 14.0 | 16.0 | 10.0 | 11.0 |
| 1 1/8 | 6X19 | 22.0 | 24.0 | 18.0 | 20.0 | 13.0 | 14.0 |
| 1 1/4 | 6X19 | 25.0 | 29.0 | 21.0 | 23.0 | 15.0 | 17.0 |
| 1 3/8 | 6X37 | 31.0 | 35.0 | 25.0 | 28.0 | 18.0 | 20.0 |
| 1 1/2 | 6X37 | 36.0 | 41.0 | 30.0 | 33.0 | 21.0 | 24.0 |
| 1 5/8 | 6X37 | 43.0 | 48.0 | 35.0 | 39.0 | 25.0 | 28.0 |
| 1 3/4 | 6X37 | 49.0 | 56.0 | 40.0 | 45.0 | 28.0 | 32.0 |
| 2 | 6X37 | 64.0 | 72.0 | 52.0 | 59.0 | 37.0 | 41.0 |

HT=Hand Tucked Splice, MS=Mechanical Splice, ↑1-Vertical Angles, ↑2-Horizontal Angles.