

Mechanical Slings



MECHANICAL SPLICE

IWRC

Vertical, Choker or Vertical Basket

Rated capacity in tons of 2,000 lbs
 Rated capacity shown apply only to 6 x19 and 6 x 36 classification wire rope

| Rope Dia. (Inches) | Vertical | | Choker | | Vertical Basket | |
|-----------------------|----------|-------|--------|-------|-----------------|-------|
| | EIPS | EEIPS | EIPS | EEIPS | EIPS | EEIPS |
| 1/4 | 0.65 | 0.71 | 0.48 | 0.52 | 1.3 | 1.4 |
| 5/16 | 1.0 | 1.1 | 0.74 | 0.81 | 2.0 | 2.2 |
| 3/8 | 1.4 | 1.6 | 1.1 | 1.2 | 2.9 | 3.2 |
| 7/16 | 1.9 | 2.1 | 1.4 | 1.6 | 3.9 | 4.3 |
| 1/2 | 2.5 | 2.8 | 1.9 | 2.0 | 5.1 | 5.5 |
| 9/16 | 3.2 | 3.5 | 2.4 | 2.6 | 6.4 | 7.0 |
| 5/8 | 3.9 | 4.3 | 2.9 | 3.2 | 7.8 | 8.6 |
| 3/4 | 5.6 | 6.2 | 4.1 | 4.5 | 11 | 12 |
| 7/8 | 7.6 | 8.3 | 5.6 | 6.1 | 15 | 17 |
| 1 | 9.8 | 11 | 7.2 | 8.0 | 20 | 22 |
| 1 - 1/8 | 12 | --- | 9.1 | --- | 24 | --- |
| 1 - 1/4 | 15 | --- | 11 | --- | 30 | --- |
| 1 - 3/8 | 18 | --- | 13 | --- | 36 | --- |
| 1 - 1/2 | 21 | --- | 16 | --- | 42 | --- |
| 1 - 5/8 | 24 | --- | 18 | --- | 49 | --- |
| 1 - 3/4 | 28 | --- | 21 | --- | 57 | --- |
| 1 - 7/8 | 32 | --- | 24 | --- | 64 | --- |
| 2 | 37 | --- | 28 | --- | 73 | --- |
| 2 - 1/8 | 40 | --- | 31 | --- | 80 | --- |
| 2 - 1/4 | 44 | --- | 35 | --- | 89 | --- |
| 2 - 3/8 | 49 | --- | 38 | --- | 99 | --- |
| 2 - 1/2 | 54 | --- | 42 | --- | 109 | --- |
| 2 - 5/8 | 60 | --- | 46 | --- | 119 | --- |
| 2 - 3/4 | 65 | --- | 51 | --- | 130 | --- |
| 2 - 7/8 | 71 | --- | 55 | --- | 141 | --- |
| 3 | 77 | --- | 60 | --- | 153 | --- |
| 3 - 1/8 | 82 | --- | 64 | --- | 165 | --- |
| 3 - 1/4 | 89 | --- | 69 | --- | 177 | --- |
| 3 - 3/8 | 95 | --- | 74 | --- | 199 | --- |
| 3 - 1/2 | 102 | --- | 79 | --- | 203 | --- |

RATED CAPACITIES BASKET HITCH BASED ON D/d RATION OF 25
 RATED CAPACITIES BASED ON PIN DIAMETER NO LARGER THAN NATURAL EYE WIDTH
 OR THAN THE NOMINAL SLING DIAMETER
 RATED CAPACITIES BASED ON DESIGN FACTOR OF 5
 HORIZONTAL SLING ANGLES LESS THAN 30 DEGREES SHALL NOT BE USED