

1-Part Slings

**TABLE RC 1-14
MECHANICAL SPLICE
IWRC**

4-LEG BRIDLE

RATED CAPACITY IN TONS OF 2,000 lbs.
RATED CAPACITIES SHOWN APPLY ONLY TO 6X19 AND 6X36 CLASSIFICATION WIRE ROPE

| ROPE DIA. (IN) | VERTICAL | | | 60° | | | 45° | | | 30° | | |
|----------------------|----------|------|-------|-----|------|-------|-----|------|-------|-----|------|-------|
| | IPS | EIPS | EEIPS | IPS | EIPS | EEIPS | IPS | EIPS | EEIPS | IPS | EIPS | EEIPS |
| 1/4 | 2.2 | 2.6 | 2.8 | 1.9 | 2.2 | 2.4 | 1.6 | 1.8 | 2.0 | 1.1 | 1.3 | 1.4 |
| 5/16 | 3.5 | 4.0 | 4.4 | 3.0 | 3.5 | 3.8 | 2.5 | 2.8 | 3.1 | 1.7 | 2.0 | 2.2 |
| 3/8 | 5.0 | 5.7 | 6.3 | 4.3 | 5.0 | 5.5 | 3.5 | 4.1 | 4.5 | 2.5 | 2.9 | 3.2 |
| 7/16 | 6.8 | 7.8 | 8.5 | 5.9 | 6.7 | 7.4 | 4.8 | 5.5 | 6.0 | 3.4 | 3.9 | 4.3 |
| 1/2 | 8.7 | 10 | 11 | 7.6 | 8.8 | 9.6 | 6.2 | 7.1 | 7.8 | 4.4 | 5.1 | 5.5 |
| 9/16 | 11 | 13 | 14 | 9.5 | 11 | 12 | 7.8 | 9.0 | 9.9 | 5.5 | 6.4 | 7.0 |
| 5/8 | 14 | 16 | 17 | 12 | 14 | 15 | 9.6 | 11 | 12 | 6.8 | 7.8 | 8.6 |
| 3/4 | 19 | 22 | 25 | 17 | 19 | 21 | 14 | 16 | 17 | 9.7 | 11 | 12 |
| 7/8 | 26 | 30 | 33 | 23 | 26 | 29 | 19 | 21 | 24 | 13 | 15 | 17 |
| 1 | 34 | 39 | 43 | 30 | 34 | 37 | 24 | 28 | 31 | 17 | 20 | 22 |
| 1 1/8 | 42 | 48 | | 36 | 42 | | 30 | 34 | | 21 | 24 | |
| 1 1/4 | 51 | 59 | | 44 | 51 | | 36 | 42 | | 26 | 30 | |
| 1 3/8 | 62 | 71 | | 54 | 62 | | 44 | 50 | | 31 | 36 | |
| 1 1/2 | 73 | 84 | | 63 | 73 | | 52 | 60 | | 37 | 42 | |
| 1 5/8 | 85 | 98 | | 74 | 85 | | 60 | 69 | | 43 | 49 | |
| 1 3/4 | 98 | 113 | | 85 | 98 | | 70 | 80 | | 49 | 57 | |
| 1 7/8 | 112 | 129 | | 97 | 112 | | 80 | 91 | | 56 | 64 | |
| 2 | 127 | 147 | | 110 | 127 | | 90 | 104 | | 64 | 73 | |
| 2 1/8 | 138 | 159 | | 120 | 138 | | 98 | 113 | | 69 | 80 | |
| 2 1/4 | 155 | 178 | | 134 | 154 | | 109 | 126 | | 77 | 89 | |
| 2 3/8 | 172 | 197 | | 149 | 171 | | 122 | 139 | | 86 | 99 | |
| 2 1/2 | 189 | 217 | | 163 | 188 | | 133 | 154 | | 94 | 109 | |
| 2 5/8 | 207 | 238 | | 180 | 206 | | 147 | 169 | | 104 | 119 | |
| 2 3/4 | 226 | 260 | | 196 | 225 | | 160 | 184 | | 113 | 130 | |
| 2 7/8 | 246 | 282 | | 213 | 244 | | 174 | 200 | | 123 | 141 | |
| 3 | 266 | 306 | | 231 | 265 | | 188 | 216 | | 133 | 153 | |
| 3 1/8 | 287 | 330 | | 249 | 286 | | 203 | 233 | | 144 | 165 | |
| 3 1/4 | 309 | 354 | | 267 | 307 | | 218 | 250 | | 154 | 177 | |
| 3 3/8 | 330 | 381 | | 286 | 330 | | 234 | 269 | | 165 | 190 | |
| 3 1/2 | 354 | 406 | | 306 | 352 | | 250 | 287 | | 177 | 203 | |

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