

Wire Rope Slings

General Information

How to order wire rope slings

Specify:

1. Rope Diameter - inches
2. Sling Length - Feet (Bearing point to bearing point)
3. Description of rope construction class - 6 x 19 etc.
4. Attachments - Master link, Hook, etc.

Tolerances and Minimum Lengths

Refer to tables for tolerances and minimum lengths.

Wire Rope Class

Standard rope classes are shown for each type and size of sling in the charts. Specific rope constructions are available upon request.



Acknowledgement Lift-All wire rope slings and rated capacities comply with all OSHA, ASME B30.9, and Wire Rope Technical Board publications. Portions of this section of the catalog were taken from the Wire Rope Sling User's Manual with the permission of the Wire Rope Technical Board and the American Iron and Steel Institute.
 Note: Proof testing with certification available for all slings at an additional charge.

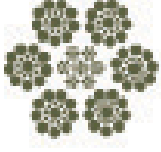
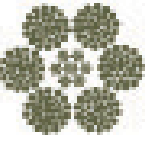


Wire Rope Slings

Wire Rope & Cable Specifications

Wire Rope

These high quality wire ropes are available in cut lengths or by the reel.

| | | |
|--|---|---|
|  <p>6 x 19</p> | Wire Core | 6 x 19 Class |
| | Extra Improved Plow Steel (EIP) Higher Capacities | Six Strand Ropes Having 9 to 26 Wires Per Strand Better Abrasion Resistance |
|  <p>6 x 36</p> | Wire Core | 6 x 37 Class |
| | Extra Improved Plow Steel (EIP) Higher Capacities | Six Strand Ropes Having 27 to 49 Wires Per Strand More Flexible |

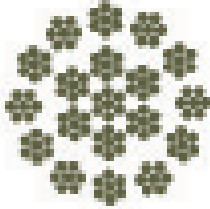
6 x 19 and 6 x 37 Class Wire Rope



| Specifications | | |
|--------------------|-------------------------------|----------------------------------|
| Rope Diameter (in) | Approx. Weight per Foot (lbs) | Nominal Breaking Strength (tons) |
| 1/4 | .12 | 3.40 |
| 5/16 | .18 | 5.27 |
| 3/8 | .26 | 7.55 |
| 7/16 | .35 | 10.2 |
| 1/2 | .46 | 13.3 |
| 9/16 | .59 | 16.8 |
| 5/8 | .72 | 20.6 |
| 3/4 | 1.04 | 29.4 |
| 7/8 | 1.42 | 39.8 |
| 1 | 1.85 | 51.7 |
| 1 1/8 | 2.34 | 65.0 |
| 1 1/4 | 2.89 | 79.9 |
| 1 3/8 | 3.50 | 96.0 |
| 1 1/2 | 4.16 | 114 |
| 1 5/8 | 4.88 | 132 |
| 1 3/4 | 5.67 | 153 |
| 1 7/8 | 6.50 | 174 |
| 2 | 7.39 | 198 |

Note: Specialty ropes are available upon request.

Rotation Resistant Wire Rope

|  <p>19 x 7</p> | Rope Dia. (in) | Approx. Weight per Foot (lbs) | Nominal Breaking Strength (tons) |
|---|----------------|-------------------------------|----------------------------------|
| | 3/8 | .25 | 5.59 |
| | 7/16 | .35 | 7.58 |
| | 1/2 | .45 | 9.85 |
| | 9/16 | .58 | 12.4 |
| | 5/8 | .71 | 15.3 |
| | 3/4 | 1.02 | 21.8 |
| | 7/8 | 1.39 | 29.5 |
| | 1 | 1.82 | 38.3 |
| | 1 1/8 | 2.3 | 48.2 |

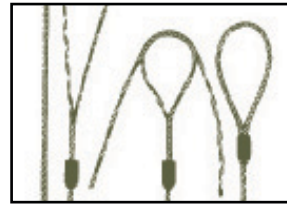


Wire Rope Slings

Mechanical Splice IWRC (6x19 and 6x36)

EIPS - Extra Improved Plow Steel

With Single Part Body Permaloc



Mechanically swaged, flemish eye splice wire rope slings.

Specification

| Wire Rope Class | Rope Dia. (in) | EIP, IWRC | | | **Min. Sling Length | Standard Eye Size (in) W x L | Thimble Eye Size (in) W x L | Eye Hook Cap. (tons) | Crescent Thimble Eye Size (in) W x L | Slip Thru Thimble Eye Size (in) W x L | Sliding Choker Hook (in) |
|------------------|----------------|------------------------|--------|-----------------|---------------------|------------------------------|-----------------------------|----------------------|--------------------------------------|---------------------------------------|--------------------------|
| | | *Rated Capacity (tons) | | | | | | | | | |
| | | Vertical | Choker | Vertical Basket | | | | | | | |
| 6 x 19 EIP, IWRC | 1/4 | .65 | .48 | 1.3 | 1' 6" | 2 x 4 | 7/8 x 1 5/8 | 1 | 2 x 4 | 2 1/8 x 4 1/8 | 3/8 |
| | 5/16 | 1.0 | .74 | 2.0 | 1' 9" | 2 1/2 x 5 | 1 1/16 x 1 7/8 | 1 | 2 x 4 | 2 1/8 x 4 1/8 | 3/8 |
| | 3/8 | 1.4 | 1.1 | 2.9 | 2' | 3 x 6 | 1 1/8 x 2 1/8 | 1 1/2 | 2 x 4 | 2 1/8 x 4 1/8 | 3/8 |
| | 7/16 | 1.9 | 1.4 | 3.9 | 2' 3" | 3 1/2 x 7 | 1 1/4 x 2 1/4 | 2 | 2 x 5 | 2 3/8 x 4 3/8 | 1/2 |
| | 1/2 | 2.5 | 1.9 | 5.1 | 2' 6" | 4 x 8 | 1 1/2 x 2 3/4 | 3 | 2 1/4 x 6 | 2 3/8 x 4 3/8 | 1/2 |
| | 9/16 | 3.2 | 2.4 | 6.4 | 2' 9" | 4 1/2 x 9 | 1 1/2 x 2 3/4 | 4 1/2 | 2 1/4 x 7 | 2 3/8 x 4 3/8 | 5/8 |
| | 5/8 | 3.9 | 2.9 | 7.8 | 3' | 5 x 10 | 1 3/4 x 3 1/4 | 4 1/2 | 2 3/4 x 7 | 3 3/8 x 6 5/8 | 5/8 |
| | 3/4 | 5.6 | 4.1 | 11 | 3' 6" | 6 x 12 | 2 x 3 3/4 | 7 | 3 1/4 x 8 1/2 | 3 3/8 x 6 5/8 | 3/4 |
| | 7/8 | 7.6 | 5.6 | 15 | 4' | 7 x 14 | 2 1/4 x 4 1/4 | 11 | 4 1/2 x 10 | 3 3/4 x 7 1/8 | 7/8 |
| | 1 | 9.8 | 7.2 | 20 | 4' 6" | 8 x 16 | 2 1/2 x 4 1/2 | 11 | 4 1/2 x 11 1/2 | 3 3/4 x 7 1/8 | 1 |
| 1 1/8 | 12 | 9.1 | 24 | 5' | 9 x 18 | 2 7/8 x 5 1/8 | 15 | 4 7/8 x 13 | 4 3/8 x 8 3/8 | 1 1/8 | |
| 6 x 37 EIP, IWRC | 1 1/4 | 15 | 11 | 30 | 5' 6" | 10 x 20 | 3 1/2 x 6 1/2 | 15 | 5 1/2 x 14 1/2 | 4 3/8 x 8 3/8 | 1 1/4 |
| | 1 3/8 | 18 | 13 | 36 | 6' | 11 x 22 | 3 1/2 x 6 1/4 | 22 | 6 x 16 | 5 x 9 1/2 | 1 3/8 |
| | 1 1/2 | 21 | 16 | 42 | 7' | 12 x 24 | 3 1/2 x 6 1/4 | 22 | 6 x 17 1/2 | 5 x 9 1/2 | 1 1/2 |
| | 1 3/4 | 28 | 21 | 57 | 8' | 14 x 28 | 4 1/2 x 9 | 30 | 7 x 20 | 6 3/4 x 11 3/4 | — |
| | 2 | 37 | 28 | 73 | 9' | 16 x 32 | 6 x 12 | 37 | 7 x 23 1/2 | 8 x 14 1/2 | — |
| | 2 1/4 | 44 | 35 | 89 | 10' | 18 x 36 | 7 x 14 | 45 | 8 1/2 x 26 | 8 x 15 1/2 | — |
| | 2 1/2 | 54 | 42 | 109 | 11' | 20 x 40 | — | — | 8 1/2 x 29 1/2 | — | — |

Note: Larger diameter slings available. Basket ratings are based on a minimum D/d of 25.

* 1 Ton = 2,000 lbs.

** Minimum sling length when using standard eyes.

Green shading reflects rental inventory.



Do not exceed rated capacities. Sling capacity decreases as the angle from horizontal decreases. Slings should not be used at angles of less than 30°.

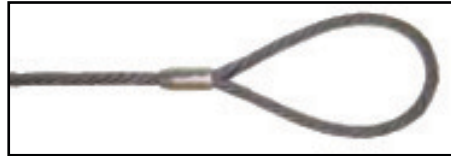
Wire Rope Slings

Mechanical Splice IWRC (6x19 and 6x36)

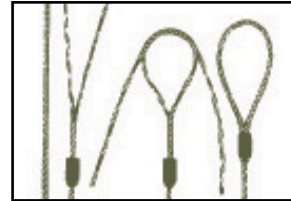
IPS - Improved Plow Steel



With Single Part Body Permaloc



Mechanically swaged, flemish eye splice wire rope slings.



| Specifications | | | | | | | | | |
|-----------------|----------------|----|----------------------------|---------------|----------------|--------------|------|------|------|
| Rope Size (in.) | Eye Size (in.) | | Recommended Minimum Length | | | Basket Hitch | | | |
| | W | L | | Straight Pull | Choker Hitch** | Vertical | 60° | 45° | 30° |
| 1/4 | 3 | 6 | 1' 6" | .56 | .42 | 1.1 | .97 | .79 | .56 |
| 5/16 | 3 | 6 | 1' 10" | .87 | .65 | 1.7 | 1.5 | 1.2 | .87 |
| 3/8 | 3 | 6 | 1' 10" | 1.2 | .93 | 2.5 | 2.2 | 1.8 | 1.2 |
| 7/16 | 4 | 8 | 2' 4" | 1.7 | 1.3 | 3.4 | 2.9 | 2.4 | 1.7 |
| 1/2 | 4 | 8 | 2' 6" | 2.2 | 1.6 | 4.4 | 3.8 | 3.1 | 2.2 |
| 9/16 | 4 | 8 | 2' 8" | 2.8 | 2.1 | 5.5 | 4.8 | 3.9 | 2.8 |
| 5/8 | 5 | 10 | 3' 2" | 3.4 | 2.6 | 6.8 | 5.9 | 4.8 | 3.4 |
| 3/4 | 6 | 12 | 3' 8" | 4.9 | 3.6 | 9.7 | 8.4 | 6.9 | 4.9 |
| 7/8 | 7 | 14 | 4' 4" | 6.6 | 4.9 | 13.0 | 11.0 | 9.3 | 6.6 |
| 1 | 8 | 16 | 4' 10" | 8.5 | 6.4 | 17.0 | 15.0 | 12.0 | 8.5 |
| 1 1/8 | 9 | 18 | 5' 6" | 10.0 | 7.8 | 21.0 | 18.0 | 15.0 | 10.0 |
| 1 1/4 | 10 | 20 | 6' 2" | 13.0 | 9.6 | 26.0 | 22.0 | 18.0 | 13.0 |
| 1 3/8 | 11 | 22 | 6' 10" | 15.0 | 12.0 | 31.0 | 27.0 | 22.0 | 15.0 |
| 1 1/2 | 12 | 24 | 7' 4" | 18.0 | 14.0 | 37.0 | 32.0 | 26.0 | 18.0 |
| 1 3/4 | 14 | 28 | 8' 6" | 25.0 | 18.0 | 49.0 | 43.0 | 35.0 | 25.0 |
| 2 | 16 | 32 | 9' 10" | 32.0 | 24.0 | 64.0 | 55.0 | 45.0 | 32.0 |

*Rated capacities basket hitch based on D/d ration 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

Green shading reflects rental inventory.



Wire Rope Slings

Bridle Sling Specifications

| Specifications | | | | | | | | | | | | | | | |
|--|---------------------|----------------------|------------------------|-----|-----|-------------------|------------------------|-----|-----|-------------------|------------------------|-----|-----|-------------------|-------|
| Permaloc Bridle Slings (With Single Part Body) | | | | | | | | | | | | | | | |
| Rope Dia. (in) | **Min. Sling Length | Eye Hook Cap. (tons) | *Rated Capacity (tons) | | | Oblong Link Stock | *Rated Capacity (tons) | | | Oblong Link Stock | *Rated Capacity (tons) | | | Oblong Link Stock | |
| | | | 60° | 45° | 30° | | 60° | 45° | 30° | | 60° | 45° | 30° | | |
| 6 x 19 EIP, IWRC | 1/4 | 1' 3" | 1 | 1.1 | .91 | .65 | 1/2 | 1.7 | 1.4 | .97 | 1/2 | 2.2 | 1.8 | 1.3 | 1/2 |
| | 5/16 | 1' 6" | 1 | 1.7 | 1.4 | 1.0 | 1/2 | 2.6 | 2.1 | 1.5 | 1/2 | 3.5 | 2.8 | 2.0 | 3/4 |
| | 3/8 | 1' 8" | 1 1/2 | 2.5 | 2.0 | 1.4 | 1/2 | 3.7 | 3.0 | 2.2 | 3/4 | 5.0 | 4.1 | 2.9 | 3/4 |
| | 7/16 | 1' 10" | 2 | 3.4 | 2.7 | 1.9 | 3/4 | 5.0 | 4.1 | 2.9 | 3/4 | 6.7 | 5.5 | 3.9 | 1 |
| | 1/2 | 2' | 3 | 4.4 | 3.6 | 2.5 | 3/4 | 6.6 | 5.4 | 3.8 | 1 | 8.8 | 7.1 | 5.1 | 1 |
| | 9/16 | 2' 2" | 4 1/2 | 5.5 | 4.5 | 3.2 | 3/4 | 8.3 | 6.8 | 4.8 | 1 | 11 | 9.0 | 6.4 | 1 1/4 |
| | 5/8 | 2' 4" | 4 1/2 | 6.8 | 5.5 | 3.9 | 1 | 10 | 8.3 | 5.9 | 1 1/4 | 14 | 11 | 7.8 | 1 1/4 |
| | 3/4 | 2' 9" | 7 | 9.7 | 7.9 | 5.6 | 1 1/4 | 15 | 12 | 8.4 | 1 1/2 | 19 | 16 | 11 | 1 3/4 |
| | 7/8 | 3' 3" | 11 | 13 | 11 | 7.6 | 1 1/4 | 20 | 16 | 11 | 1 1/2 | 26 | 21 | 15 | 1 3/4 |
| | 1 | 3' 6" | 11 | 17 | 14 | 9.8 | 1 1/2 | 26 | 21 | 15 | 1 3/4 | 34 | 28 | 20 | 2 1/4 |
| 1 1/8 | 4' | 15 | 21 | 17 | 12 | 1 1/2 | 31 | 26 | 18 | 1 3/4 | 42 | 34 | 24 | 2 3/4 | |
| 6 x 37 EIP, IWRC | 1 1/4 | 4' 6" | 15 | 26 | 21 | 15 | 1 3/4 | 38 | 31 | 22 | 2 | 51 | 42 | 30 | 2 3/4 |
| | 1 3/8 | 5' | 22 | 31 | 25 | 18 | 1 3/4 | 46 | 38 | 27 | 2 1/4 | — | — | — | — |
| | 1 1/2 | 5' 6" | 22 | 37 | 30 | 21 | 2 | 55 | 45 | 32 | 2 1/4 | — | — | — | — |
| | 1 3/4 | 6' 6" | 30 | 49 | 40 | 28 | 2 1/4 | — | — | — | — | — | — | — | — |
| | 2 | 8' | 37 | 63 | 52 | 37 | 2 3/4 | — | — | — | — | — | — | — | — |

Note: Length Tolerances - Single Part Wire Rope Slings - Standard length tolerance is plus or minus two rope diameters, or plus or minus 0.5% of the sling length, whichever is greater. The legs of bridle slings, or matched slings are normally held to within one rope diameter.

* 1 Ton = 2,000 lbs.

** Minimum length based on thimble eye and eye hook.

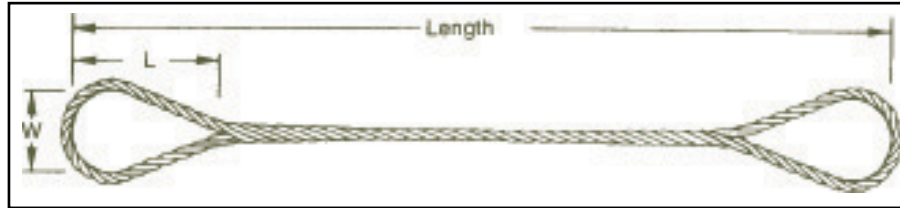



Do not exceed rated capacities. Sling capacity decreases as the angle from horizontal decreases. Slings should not be used at angles of less than 30°.



Wire Rope Slings

Hidden Tuck Hand Spliced Sling Specifications



| Specifications | | | | | | |
|--|----------------|-----------------------|--------|-----------------|-------------------|------------------------------|
| Wire Rope Class | Rope Dia. (in) | EIP, FC | | | Min. Sling Length | Standard Eye Size (in) W x L |
| | | Rated Capacity (tons) | | | | |
| | | Vertical | Choker | Vertical Basket | | |
|  6 x 19 EIP, FC | 1/4 | .54 | .42 | 1.1 | 2' | 3 x 6 |
| | 5/16 | .83 | .66 | 1.7 | 2' 3" | 3 x 6 |
| | 3/8 | 1.2 | .94 | 2.4 | 2' 6" | 3 x 6 |
| | 7/16 | 1.6 | 1.3 | 3.2 | 2' 9" | 3 1/2 x 7 |
| | 1/2 | 2.0 | 1.6 | 4.0 | 3' | 4 x 8 |
| | 9/16 | 2.5 | 2.1 | 5.0 | 3' 6" | 4 1/2 x 9 |
| | 5/8 | 3.1 | 2.6 | 6.2 | 4' | 5 x 10 |
| | 3/4 | 4.3 | 3.7 | 8.6 | 4' 6" | 6 x 12 |
| | 7/8 | 5.7 | 5.0 | 11 | 5' 6" | 7 x 14 |
| | 1 | 7.4 | 6.4 | 15 | 6' | 8 x 16 |

Basket ratings are based on a minimum D/d of 15.



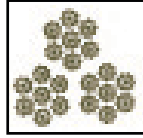
Do not exceed rated capacities. Sling capacity decreases as the angle from horizontal decreases. Slings should not be used at angles of less than 30°.



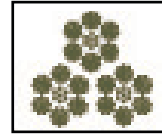
Wire Rope Slings

Multi - Part Cabled Sling Specifications

3 x 7 x 19



3 x 6 x 19



3 Part Cable Specifications

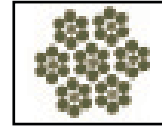
| Component Rope Dia. (in) | Sling Body Dia. (in) | Rated Capacity (tons) | | | Min. Sling Length | Standard Eye (in) W x L | Crescent Thimble Eye Size (in) W x L | Slip Thru Thimble Eye Size (in) W x L | |
|--------------------------|----------------------|-----------------------|--------|-----------------|-------------------|-------------------------|--------------------------------------|---------------------------------------|---------------|
| | | Vertical | Choker | Vertical Basket | | | | | |
| 7 x 19 GAC | 3/16 | 3/8 | 1.2 | .82 | 2.4 | 2' | 3 x 6 | 2 x 4 | 2 1/8 x 4 1/8 |
| | 1/4 | 1/2 | 1.9 | 1.3 | 3.9 | 2' 6" | 4 x 8 | 2 1/4 x 4 | 2 3/8 x 4 3/8 |
| | 5/16 | 5/8 | 3.0 | 2.1 | 6.0 | 3' | 5 x 10 | 2 3/4 x 5 | 3 3/8 x 6 5/8 |
| | 3/8 | 3/4 | 4.3 | 2.9 | 8.6 | 3' 6" | 6 x 12 | 3 1/4 x 6 | 3 3/8 x 6 5/8 |
| 6 x 19 EIP, IWRC | 7/16 | 7/8 | 5.8 | 4.0 | 12 | 4' | 7 x 14 | 4 1/2 x 9 | 3 3/4 x 7 1/8 |
| | 1/2 | 1 | 7.6 | 5.2 | 15 | 4' 6" | 8 x 16 | 4 1/2 x 9 | 3 3/4 x 7 1/8 |
| | 9/16 | 1 1/8 | 9.6 | 6.6 | 19 | 5' | 9 x 18 | 4 7/8 x 10 | 4 3/8 x 8 3/8 |
| | 5/8 | 1 1/4 | 12 | 8.0 | 23 | 5' 6" | 10 x 20 | 5 1/2 x 11 | 4 3/8 x 8 3/8 |
| | 3/4 | 1 1/2 | 17 | 11 | 34 | 7' | 11 x 22 | 6 x 12 | 5 x 9 1/2 |

Basket ratings are based on a minimum D/d of 10.

7 x 7 x 19



7 x 6 x 19



7 Part Cable Specifications

| Component Rope Dia. (in) | Sling Body Dia. (in) | Rated Capacity (tons) | | | Min. Sling Length | Standard Eye (in) W x L | Crescent Thimble Eye Size (in) W x L | Slip Thru Thimble Eye Size (in) W x L | |
|--------------------------|----------------------|-----------------------|--------|-----------------|-------------------|-------------------------|--------------------------------------|---------------------------------------|---------------|
| | | Vertical | Choker | Vertical Basket | | | | | |
| 7 x 19 GAC | 1/8 | 3/8 | 1.3 | .91 | 2.6 | 2' | 3 x 6 | 2 x 4 | 2 1/8 x 4 1/8 |
| | 3/16 | 9/16 | 2.8 | 1.9 | 5.6 | 2' 6" | 4 x 8 | 2 1/4 x 6 | 2 3/8 x 4 3/8 |
| | 1/4 | 3/4 | 4.7 | 3.2 | 9.3 | 3' | 5 x 10 | 2 3/4 x 7 | 3 3/8 x 6 5/8 |
| | 5/16 | 15/16 | 6.5 | 4.5 | 13 | 3' 6" | 6 x 12 | 3 1/4 x 8 1/2 | 3 3/4 x 7 1/8 |
| | 3/8 | 1 1/8 | 9.6 | 6.6 | 19 | 4' | 7 1/2 x 15 | 4 1/2 x 10 | 3 3/4 x 7 1/8 |
| 6 x 19 | 7/16 | 1 5/16 | 14 | 9.3 | 27 | 4' 6" | 9 x 18 | 4 7/8 x 13 | 4 3/8 x 8 3/8 |
| | 1/2 | 1 1/2 | 18 | 12 | 35 | 5' | 10 x 20 | 5 1/2 x 14 1/2 | 4 3/8 x 8 3/8 |

Basket ratings are based on a minimum D/d of 10.



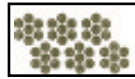
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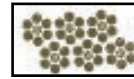
Wire Rope Slings

Multi - Part Braided Sling Specifications

6 x 7 x 19



6 x 6 x 19



| 6 Part Cable Specifications | | | | | | | | | |
|-----------------------------|----------------------|-----------------------|--------|-----------------|-------------------|-------------------------|--------------------------------------|---------------------------------------|----------------|
| Component Rope Dia. (in) | Sling Body Dia. (in) | Rated Capacity (tons) | | | Min. Sling Length | Standard Eye (in) W x L | Crescent Thimble Eye Size (in) W x L | Slip Thru Thimble Eye Size (in) W x L | |
| | | Vertical | Choker | Vertical Basket | | | | | |
| 7 x 19 GAC | 1/8 | 9/16 x 3/8 | .84 | .74 | 1.7 | 2' | 3 x 6 | 2 x 4 | 2 1/8 x 4 1/8 |
| | 3/16 | 13/16 x 1/2 | 1.8 | 1.5 | 3.5 | 3' | 4 x 8 | 2 1/4 x 7 | 2 3/8 x 4 3/8 |
| | 1/4 | 1 1/8 x 11/16 | 2.9 | 2.6 | 5.9 | 3' 6" | 5 x 10 | 3 1/4 x 8 1/2 | 3 3/8 x 6 5/8 |
| | 5/16 | 1 3/8 x 7/8 | 4.1 | 3.6 | 8.2 | 4' 6" | 6 x 12 | 4 1/2 x 11 1/2 | 3 3/8 x 6 5/8 |
| | 3/8 | 1 11/16 x 1 | 6.0 | 5.3 | 12 | 5' | 7 x 14 | 4 7/8 x 13 | 3 3/4 x 7 1/8 |
| 6 x 19 EIP, IWRC | 7/16 | 2 x 1 3/16 | 8.6 | 7.5 | 17 | 6' | 8 x 16 | 6 x 16 | 3 3/4 x 7 1/8 |
| | 1/2 | 2 1/4 x 1 3/16 | 11 | 9.8 | 22 | 6' 6" | 9 x 18 | 6 x 17 1/2 | 4 3/8 x 8 3/8 |
| | 9/16 | 2 1/2 x 1 1/2 | 14 | 12 | 28 | 7' | 10 x 20 | 7 x 20 | 4 3/8 x 8 3/8 |
| | 5/8 | 2 13/16 x 1 11/16 | 17 | 15 | 35 | 8' | 11 x 22 | 7 x 23 1/2 | 5 x 9 1/2 |
| | 3/4 | 3 3/8 x 2 | 25 | 22 | 49 | 9' | 12 x 24 | 8 1/2 x 26 | 6 3/4 x 11 3/4 |


Basket ratings are based on a minimum D/d of 25.

8 x 7 x 19



8 x 6 x 19



 Do not exceed rated capacities. Sling capacity decreases as the angle from horizontal decreases. Slings should not be used at angles of less than 30°.

| 8 Part Cable Specifications | | | | | | | | | |
|-----------------------------|----------------------|-----------------------|--------|-----------------|-------------------|-------------------------|--------------------------------------|---------------------------------------|----------------|
| Component Rope Dia. (in) | Sling Body Dia. (in) | Rated Capacity (tons) | | | Min. Sling Length | Standard Eye (in) W x L | Crescent Thimble Eye Size (in) W x L | Slip Thru Thimble Eye Size (in) W x L | |
| | | Vertical | Choker | Vertical Basket | | | | | |
| 7 x 19 GAC | 1/8 | 9/16 | 1.1 | 1.0 | 2.2 | 2' | 3 x 6 | 2 x 4 | 2 1/8 x 4 1/8 |
| | 3/16 | 13/16 | 2.4 | 2.1 | 4.7 | 3' | 4 x 8 | 2 1/4 x 6 | 2 3/8 x 4 3/8 |
| | 1/4 | 1 1/8 | 3.9 | 3.4 | 7.8 | 3' 6" | 5 x 10 | 3 1/4 x 8 | 3 3/8 x 6 5/8 |
| | 5/16 | 1 3/8 | 5.5 | 4.8 | 11 | 4' 6" | 6 x 12 | 4 1/2 x 10 | 3 3/4 x 7 1/8 |
| | 3/8 | 1 11/16 | 8.1 | 7.1 | 16 | 5' | 7 x 14 | 4 5/8 x 12 | 3 3/4 x 7 1/8 |
| 6 x 19 EIP, IWRC | 7/16 | 2 | 11 | 10 | 23 | 6' | 8 x 16 | 5 1/2 x 14 | 4 3/8 x 8 3/8 |
| | 1/2 | 2 1/4 | 15 | 13 | 30 | 6' 6" | 9 x 18 | 6 x 16 | 5 x 9 1/2 |
| | 9/16 | 2 1/2 | 19 | 16 | 38 | 7' | 10 x 20 | 6 1/2 x 18 | 5 x 9 1/2 |
| | 5/8 | 2 13/16 | 23 | 20 | 46 | 8' | 11 x 22 | 7 x 20 | 6 3/4 x 11 3/4 |
| | 3/4 | 3 3/8 | 33 | 29 | 66 | 9' | 12 x 24 | 8 x 24 | 8 x 14 1/2 |

Basket ratings are based on a minimum D/d of 25.










Wire Rope Slings

Sling Weights

Sling Weights (Approx.)

To estimate sling weights, multiply length x Per Foot Weight and add Zero Base Weight plus any additional fittings' weights.



| Specifications | | | | | | | |
|---|-------------------------|---|---|---|--|---|---|
| Rope Dia. (in) | *Zero Base Weight (lbs) | Per Foot Weight | Thimbled Eye Wt. Ea. (lbs) | Alloy Eye Hook Wt. Ea. (lbs) | Crescent Thimble Wt. Ea. (lbs) | Slip Thru Thimble Wt. Ea. (lbs) | Sliding Choker Hook Wt. Ea. (lbs) |
|  | |  |  |  |  |  |  |
| 1/4 | .31 | .12 | .08 | .63 | .50 | 1.3 | 1.3 |
| 5/16 | .47 | .18 | .14 | .63 | .50 | 1.3 | 1.3 |
| 3/8 | .73 | .26 | .22 | .85 | .50 | 1.3 | 1.3 |
| 7/16 | 1.3 | .35 | .36 | 1.4 | .50 | 1.5 | 1.9 |
| 1/2 | 1.7 | .46 | .51 | 1.9 | .75 | 1.5 | 1.9 |
| 9/16 | 3.1 | .59 | .51 | 3.7 | .75 | 1.5 | 1.9 |
| 5/8 | 3.5 | .72 | .75 | 3.7 | 1.2 | 3.4 | 4.0 |
| 3/4 | 5.7 | 1.0 | 1.5 | 7.3 | 2.0 | 3.4 | 4.5 |
| 7/8 | 8.9 | 1.4 | 1.9 | 15 | 3.3 | 5.6 | 10 |
| 1 | 13 | 1.9 | 3.0 | 15 | 3.8 | 5.6 | 10 |
| 1 1/8 | 18 | 2.3 | 4.0 | 22 | 5.0 | 8.6 | 26 |
| 1 1/4 | 25 | 2.9 | 8.2 | 22 | 6.8 | 8.6 | 26 |
| 1 3/8 | 32 | 3.5 | 12 | 38 | 8.0 | 10 | 50 |
| 1 1/2 | 41 | 4.2 | 12 | 38 | 8.0 | 10 | 50 |
| 1 3/4 | 65 | 5.7 | 18 | 60 | 17 | 18 | — |
| 2 | 99 | 7.4 | 25 | 105 | 22 | 53 | — |
| 2 1/4 | 169 | 9.4 | 40 | 148 | 39 | 70 | — |
| 2 1/2 | 278 | 12 | — | — | 39 | 126 | — |

* Zero Base Weight accounts for the additional rope and sleeves required to form two standard eyes.
Green shading reflects rental inventory.

