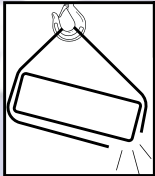


ROUND SLING SAFETY INFORMATION

Protect Sling from Damage

ALWAYS protect roundslings from being cut or damaged by corners, edges and protrusions using protection sufficient for each application. Do not ignore warning signs of misuse. Cut marks detected during any sling inspection serve as a clear signal that sling protection must be added or improved.

Exposure of slings to edges



WARNING
Exposure of roundslings to edges with a radius that is too small can cause sling failure and loss of load

Edges do not need to be “sharp” to cause failure of the sling. Chamfering or cutting off edges is not an acceptable substitute for fully rounding the edges to the minimum radius. Slings can also be damaged from contact with edges or burrs at the sling connection.



Sling Hardware and Connections

Connection surfaces must be smooth to avoid abrading or cutting roundslings. Roundslings can also be damaged or weakened by excessive compression between the sling and the connection points if the size of the attachment hardware or connection area is not large enough to avoid this damage.



Select and use proper connection hardware that conforms to the size requirements listed for choker and vertical hitches, or for basket hitches in the charts below.

Minimum hardware dimensions suitable for use with roundslings.

| Size | Single Part | | Double Part | |
|--------|---------------------|-----------------|---------------------|-----------------|
| | Min. Stock Dia (in) | Min. Width (in) | Min. Stock Dia (in) | Min. Width (in) |
| EN30 | 7/16 | 1 | 9/16 | 1 3/8 |
| EN60 | 5/8 | 1 3/8 | 7/8 | 1 7/8 |
| EN90 | 3/4 | 1 3/4 | 1 1/16 | 2 3/8 |
| EN120 | 7/8 | 1 7/8 | 1 1/4 | 2 1/2 |
| EN150 | 1 | 2 | 1 3/8 | 2 7/8 |
| EN180 | 1 1/8 | 2 1/8 | 1 5/8 | 3 |
| EN240 | 1 3/16 | 2 5/8 | 1 5/8 | 3 3/4 |
| EN360 | 1 1/2 | 3 1/4 | 2 | 4 1/2 |
| EN600 | 2 | 4 | 2 3/4 | 5 5/8 |
| EN800 | 2 1/8 | 4 5/8 | 3 | 6 1/2 |
| EN1000 | 2 1/2 | 5 1/4 | 3 1/2 | 7 3/8 |



AMERICAN

INDUSTRIAL

ROUND SLING REMOVAL CRITERIA

Polyester Round Slings (ASME B30.9) - A synthetic round sling shall be removed from service if conditions such as the following are present:

1. Missing or illegible sling identification.
2. Acid or caustic burns.
3. Evidence of heat damage.
4. Holes, tears, cuts, abrasive wear, or snags that expose the core yarns.
5. Broken or damaged core yarns.
6. Weld splatter that exposes core yarns.
7. Round slings that are knotted.
8. Discoloration and brittle or stiff areas on any part of the slings, which may mean chemical or ultraviolet/sunlight damage.
9. Fittings that are pitted, corroded, cracked, bent twisted, gouged, or broken.
10. For hooks, removal criteria as stated in ASME B30.10
11. Other conditions, including visible damage, that cause doubt as to the continued use of the sling.

Melting or Charring



Illegible Tag



Knots



Snags & Punctures



ENDLESS ROUND SLINGS



Roundslings are lightweight and high capacity alternative to heavier wire rope and chain. They are flexible and easy to handle with a seamless tubular construction. Capacities are classified by color code for quick identification of capacity.

Round Sling Part Number Breakdown

EN 60 x 10

↑
TYPE OF SLING

EN, EE, SOS,
DOS, GOS

↑
SLING SIZE CODE

30, 60, 90, 120
150, 180, 240
300, 360, 400
600, 800, 1000

↑
LENGTH
3 Foot Through
20 Foot Standard



NOTE: 2 letter code (AA, AB, AC, etc...) after size code will be used to specify custom slings.

| Part Number | Color Code | Approx. Body Dia. (in) | Minimum Length (ft) | Working Load Limit (lbs.) | | |
|-------------|------------|------------------------|---------------------|---------------------------|--------|-----------|
| | | | | Vertical | Choker | V. Basket |
| EN30 | Purple | 5/8 | 2 | 2,600 | 2,100 | 5,200 |
| EN60 | Green | 7/8 | 2 | 5,300 | 4,200 | 10,600 |
| EN90 | Yellow | 1 1/8 | 3 | 8,400 | 6,700 | 16,800 |
| EN120 | Tan | 1 1/8 | 3 | 10,600 | 8,500 | 21,200 |
| EN150 | Red | 1 3/8 | 3 | 13,200 | 10,600 | 26,400 |
| EN180 | White | 1 3/8 | 3 | 16,800 | 13,400 | 33,600 |
| EN240 | Blue | 1 3/4 | 3 | 21,200 | 17,000 | 42,400 |
| EN300 | Orange | 2 | 6 | 25,000 | 20,000 | 50,000 |
| EN360 | Orange | 2 1/4 | 6 | 31,000 | 24,800 | 62,000 |
| EN400 | Orange | 2 1/2 | 6 | 40,000 | 32,000 | 80,000 |
| EN600 | Orange | 2 3/4 | 8 | 53,000 | 42,400 | 106,000 |
| EN800 | Orange | 3 3/4 | 8 | 66,000 | 52,800 | 132,000 |
| EN1000 | Orange | 4 3/4 | 8 | 90,000 | 72,000 | 180,000 |

When ordering specify Length • Features Double Wall Jacket • Design factor is minimum 5 to 1



AMERICAN

INDUSTRIAL

EYE TO EYE ROUND SLINGS

All the features of an endless but with an additional jacket creating two color coded lifting eyes. The protective jacket can extend the life of the sling if abrasion to the body is a problem.



| Part Number | Color Code | Body Width at Load (in) | Minimum Length (ft) | Standard Eye Length (in) | Working Load Limit (lbs.) | | |
|-------------|------------|-------------------------|---------------------|--------------------------|---------------------------|--------|-----------|
| | | | | | Vertical | Choker | V. Basket |
| EE30 | Purple | 2 1/4 | 4 | 10 | 2,600 | 2,100 | 5,200 |
| EE60 | Green | 2 1/2 | 4 | 10 | 5,300 | 4,200 | 10,600 |
| EE90 | Yellow | 2 1/2 | 4 | 12 | 8,400 | 6,700 | 16,800 |
| EE120 | Tan | 3 1/2 | 5 | 12 | 10,600 | 8,500 | 21,200 |
| EE150 | Red | 3 1/2 | 5 | 14 | 13,200 | 10,600 | 26,400 |
| EE180 | White | 3 3/4 | 7 | 16 | 16,800 | 13,400 | 33,600 |
| EE240 | Blue | 4 1/4 | 7 | 16 | 21,200 | 17,000 | 42,400 |
| EE300 | Orange | 5 | 7 | 20 | 25,000 | 20,000 | 50,000 |
| EE360 | Orange | 6 | 7 | 20 | 31,000 | 24,800 | 62,000 |

When ordering specify Length • Features Double Wall Jacket • Design factor is minimum 5 to 1

ROUND SLING BRIDLES & HOOKS

Bridle slings feature combinations of links and hook hardware. Hardware connections provide for the efficient handling of loads with fixed lifting points.

| Part Number | Color Code | Number of Legs | Minimum Reach (ft) | Capacity (lbs.) | | Oblong Link Dia. (in.) | Sling Hook Size |
|-------------|------------|----------------|--------------------|-----------------|--------|------------------------|-----------------|
| | | | | Vertical | Basket | | |
| SOS-EN30 | Purple | 1 | 4 | 2,600 | 5,200 | 5/8 | 2.75T (9/32) |
| SOS-EN60 | Green | 1 | 4 | 5,300 | 10,600 | 3/4 | 4.5T (3/8) |
| SOS-EN90 | Yellow | 1 | 4 | 8,400 | 16,800 | 7/8 | 7T (1/2) |
| SOS-EN120 | Tan | 1 | 4 | 10,600 | 21,200 | 7/8 | 11T (5/8) |
| SOS-EN150 | Red | 1 | 5 | 13,200 | 26,400 | 1 | 11T (5/8) |



| Part Number | Color Code | Number of Legs | Minimum Reach (ft) | Capacity (lbs.) | | | Oblong Link Dia. (in.) | Sling Hook Size |
|-------------|------------|----------------|--------------------|-----------------|--------|--------|------------------------|-----------------|
| | | | | 60° | 45° | 30° | | |
| DOS-EN30 | Purple | 2 | 4 | 4,500 | 3,600 | 2,600 | 3/4 | 2.75T (9/32) |
| DOS-EN60 | Green | 2 | 4 | 9,100 | 7,400 | 5,300 | 7/8 | 4.5T (3/8) |
| DOS-EN90 | Yellow | 2 | 4 | 14,500 | 11,800 | 8,400 | 1 | 7T (1/2) |
| DOS-EN120 | Tan | 2 | 5 | 18,300 | 14,900 | 10,600 | 1 1/4 | 11T (5/8) |
| DOS-EN150 | Red | 2 | 5 | 22,800 | 18,600 | 13,200 | 1 1/2 | 11T (5/8) |



| Part Number | Color Code | Number of Legs | Minimum Reach (ft) | Capacity (lbs.) | | | Oblong Link Dia. (in.) | Sling Hook Size |
|-------------|------------|----------------|--------------------|-----------------|--------|--------|------------------------|-----------------|
| | | | | 60° | 45° | 30° | | |
| QOS-EN30 | Purple | 4 | 4 | 9,000 | 7,300 | 5,200 | 1 | 2.75T (9/32) |
| QOS-EN60 | Green | 4 | 4 | 18,300 | 14,900 | 10,600 | 1 1/4 | 4.5T (3/8) |
| QOS-EN90 | Yellow | 4 | 5 | 29,100 | 23,700 | 16,800 | 1 1/2 | 7T (1/2) |
| QOS-EN120 | Tan | 4 | 5 | 36,700 | 29,900 | 21,200 | 1 3/4 | 11T (5/8) |
| QOS-EN150 | Red | 4 | 5 | 45,700 | 37,300 | 26,400 | 2 | 11T (5/8) |



Roundsling Hooks

| Part Number | Color | Weight (lbs) | WLL (lbs.) |
|-------------|--------|--------------|------------|
| RSHP | Purple | 1.54 | 2,600 |
| RSHG | Green | 2.65 | 5,300 |
| RSHY | Yellow | 4.85 | 8,400 |
| RSHR | Red | 9.9 | 13,200 |



Round sling hooks attach quickly and easily to the round sling. No tools or special parts needed to install hook. Please request round sling hook when ordering round sling bridle if preferred by adding RSH to end of part number.