



# Inspection Information

**WEB SLINGS**

Shall not be constricted or bunched between the ears of a clevis or shackle, or in a hook.

**ROUND SLINGS**

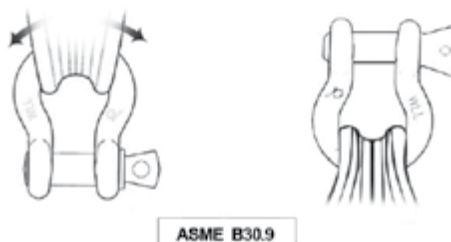
Shall not be constricted or bunched between the ears of a clevis or shackle, or in a hook.

The opening of fittings shall be proper shape and size to ensure that the fitting will seat properly on the round sling.

When a round sling is used with a shackle, it is recommended that it be used (rigged) in the bow of the shackle.

**SYNTHETIC SLINGS RATED LOAD**

Folding, bunching or pinching of synthetic slings, which occurs when used with shackles, hooks or other application will reduce the rated load.



When connecting Web or Round Slings, use conventional fittings with:

1. Large Radius.
2. Straight Pins.
3. Pads or use special fittings designed for Synthetic Slings.

## SYNTHETIC SLING CONNECTIONS AND HITCHES

**WEB SLING IDENTIFICATION INCLUDES:**

**SLING TYPE:**

- TC – TRIANGLE CHOKER
- TT – TRIANGLE TRIANGLE
- EE – EYE AND EYE
- EN – ENDLESS

**NUMBER OF PLYS:** 1 OR 2

**WEBBING GRADE:** 9 OR 6

**SLING WIDTH (INCH)**

**EE 2-9 04 x 12 ← SLING LENGTH (INCH)**

**ROUND SLING IDENTIFICATION INCLUDES:**

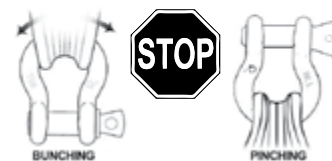
**SLING NUMBER: 1-13**

Sling numbers are for reference only. some round slings have different ratings.

**SLING COLOR:** PURPLE, GREEN, YELLOW, TAN, RED, WHITE, BLUE, ORANGE

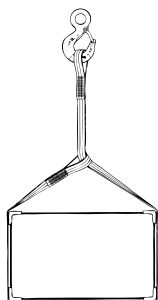
Sling color is not followed by all manufacturers, and some colors have more than one rated load.

Folding, bunching or pinching of synthetic slings, which occurs when used with shackles, hooks or other applications will reduce the rated load.



**CHOKER CAPACITY**

A choker hitch has 80% of the capacity of a single leg sling only if the angle of choke is 120 degrees or greater. a choke angle less than 120 degrees will result in a capacity as low as 40% of the single leg.



**BASKET HITCH CAPACITY**

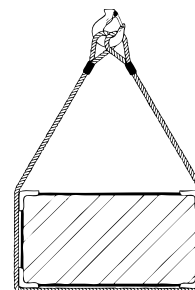
HORIZONTAL ANGLE	CAPACITY % OF SINGLE LEG
90	200%
60	170%
45	140%
30	100%

A true basket hitch has twice the capacity of a single leg only if the legs are vertical.

**MULTIPLE LEG SLINGS**

**TRIPLE LEG SLINGS** have 50% more capacity than double leg slings (at same sling angle) only if the center of gravity is in the center of connection points and legs adjusted properly (they must have an equal share of the load).

**QUAD (4-LEG) SLINGS** offer improved stability but provide increased capacity only if all legs share an equal share of the load.



**ALWAYS SELECT AND USE WEB SLINGS AND ROUND SLINGS BY THE RATED LOAD SHOWN ON THE SLING IDENTIFICATION TAG, NEVER BY WIDTH, COLOR OR SLING NUMBER.**