


# LockJaw<sup>®</sup>

## SYNTHETIC LIFTING SHACKLE

- Stronger than steel yet extremely light
- Wraps around most anchor points
- Lock keeps shackle securely closed
- Meets or exceeds ASME B30.26 for lifting

LockJaw<sup>®</sup> Synthetic Lifting Shackle is the only synthetic shackle rated for lifting applications. Made from high strength synthetic fibers, LockJaw is as strong as steel shackles but vastly lighter. Its flexible shape replaces both Bow and D-Shackles and adds greater versatility than any shackle in the marketplace. LockJaw easily wraps around all kinds of anchor points. The synthetic fibers create less damage while working around delicate components. The fibers are UV, abrasion resistant and will not rust. The exclusive lock securely holds the shackle closed when in use. The lock is permanently attached to the shackle preventing lost pins that are common with steel shackles. The light weight of this makes it much safer to use and minimizes injuries if dropped. Patent pending. Made in USA 

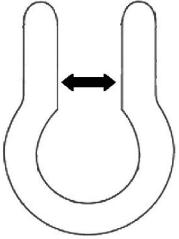


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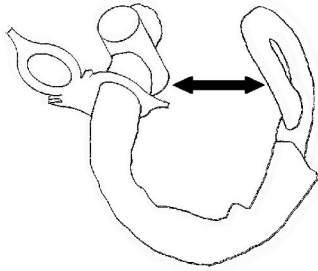
### Metal Shackle

Limited Opening



### Synthetic Shackle

Flexible Wide Opening

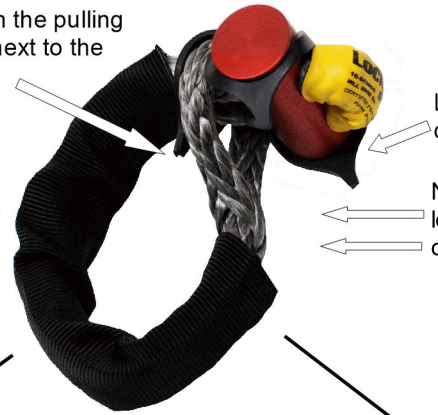


Always position the pulling or lifting point next to the lock and loop

Abrasion resistant cover must cover all contact points

Lock securely during use

Never place load on loop or crossover area



In-line lifting point

Never exceed 120 degrees included angle.

### Bow Width (when pulled tight)



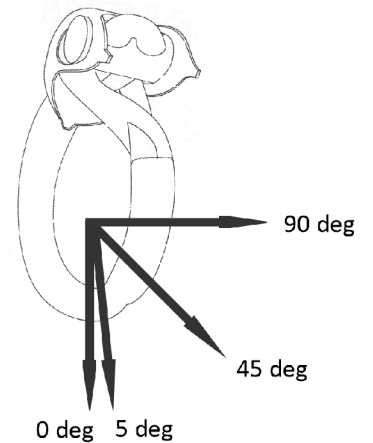
### Side Loading

Side Loading

| Angle, deg       |
|------------------|
| In-Line (0) to 5 |
| 6 to 45          |
| 45 to 90         |
| Over 90          |

% Rate Load

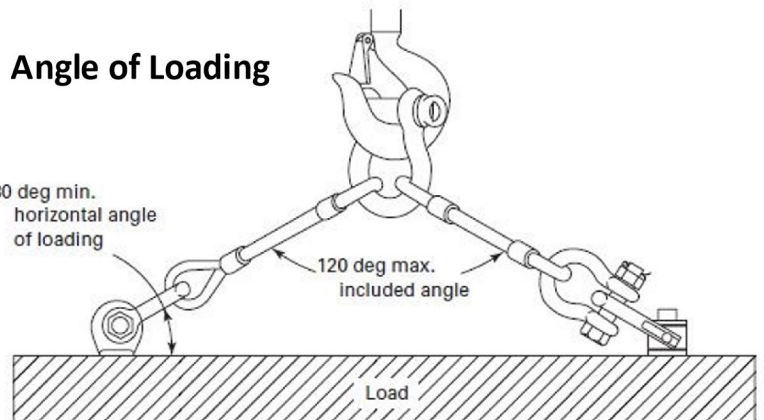
| Reduction                    |
|------------------------------|
| None                         |
| 30%                          |
| 50%                          |
| Do not use in this condition |



### Angle of Loading

30 deg min. horizontal angle of loading

120 deg max. included angle



Horizontal Angle, deg

Stress Multiplier

|    |       |
|----|-------|
| 90 | 1.000 |
| 60 | 1.155 |
| 45 | 1.414 |
| 30 | 2.000 |

Angle of Loading (Shackles)

### AVAILABLE SIZES

| Model #   | Diameter | Bow Width | Working Load (lbs) |
|-----------|----------|-----------|--------------------|
| 17-025004 | 1/4"     | 4"        | 3300               |
| 17-025008 | 1/4"     | 8"        | 3300               |
| 17-031305 | 5/16"    | 5"        | 5280               |
| 17-031310 | 5/16"    | 10"       | 5280               |
| 17-037505 | 3/8"     | 5"        | 6720               |
| 17-037510 | 3/8"     | 10"       | 6720               |
| 17-043805 | 7/16"    | 5"        | 8600               |
| 17-043810 | 7/16"    | 10"       | 8600               |