

LockJaw®

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® Synthetic Lifting Shackle is the only synthetic shackle rated for lifting applications. Made of high-strength synthetic fibers, LockJaw is as strong as steel shackles but vastly lighter. Its flexible shape replaces Bow and D-Shackles and adds greater versatility than any other shackle in the marketplace. LockJaw easily wraps around all kinds of anchor points. Synthetic fibers create less damage while working around delicate components. Shackle fibers are UV/abrasion-resistant, freeze-proof, 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 common with steel shackles. LockJaw's light weight is much safer and minimizes injuries if dropped. Lifting Rated – Meets or exceeds ASME B30.26 Made in USA.

AVAILABLE SIZES

Item #	Working Diameter (in.)	Working Load Limit (t)*	Weight Each (lbs.)	Dimensions (in.)				Tolerance +/-	
				A	B	C	D	A	B
17-018804	2.5	0.9	0.2	0.19	0.63	4	1.75	0.005	0.005
17-018808	4	0.9	0.25	0.19	0.63	8	1.75	0.005	0.005
17-025004	2.5	1.65	.25	0.25	0.75	4	2.1	0.005	0.005
17-025008	4	1.65	.3	0.25	0.75	8	2.1	0.005	0.005
17-031305	3	2.64	.3	0.31	1.00	5	2.2	0.005	0.005
17-031310	6	2.64	.4	0.31	1.00	10	2.2	0.005	0.005
17-037505	3	3.36	.4	0.38	1.13	5	2.6	0.005	0.005
17-037510	6	3.36	.5	0.38	1.13	10	2.6	0.005	0.005
17-043805	3	4.3	.5	0.44	1.25	5	3.1	0.005	0.005
17-043810	6	4.3	.6	0.44	1.25	10	3.1	0.005	0.005

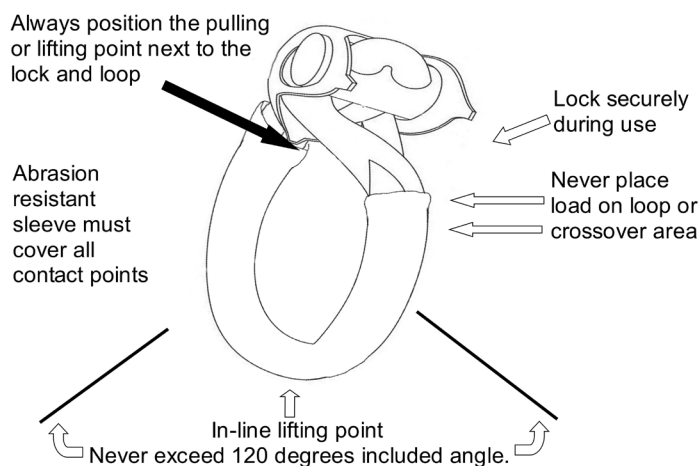
*NOTE: Maximum Proof Load is 2.0X the working load limit. Minimum Ultimate Strength is 5X the Working Load Limit.

Manufactured by Fusion Tools, Inc. SPARTA TN 38583

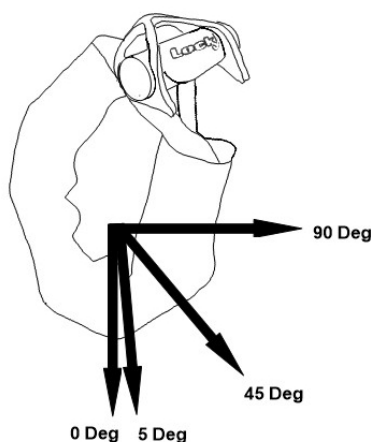
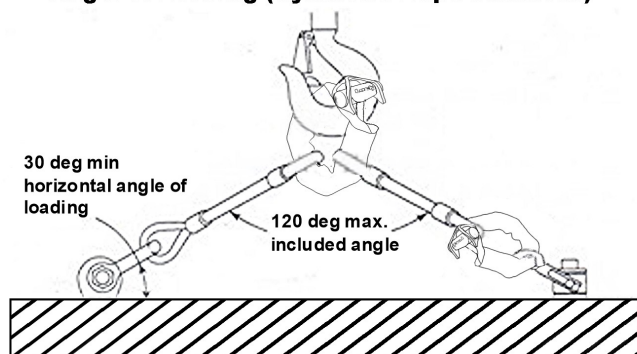
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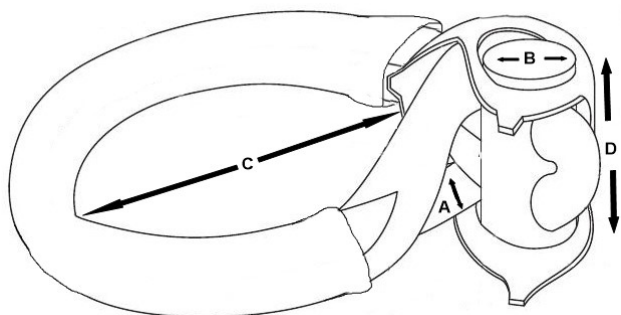
- Rated for lifting applications
- Capabilities 1.65 to 4.3 tons
- Rope made with HMPE fibers
- Proof testing w/certificates available
- Meets or exceeds ASME B30.26
- Aircraft grade aluminum jaw
- Working temperature range: -200°C to + 70°C
- Working load limit permanently shown on every shackle.



Angle of Loading (Synthetic Rope Shackles)



Side Loading Angle, deg	% Rate Load Reduction
In-Line (0) to 5	None
6 to 45	30%
45 to 90	50%
Over 90	Do not use in this condition



Can be used in tie-down, suspension or lifting applications. Can be used in rigging applications together multiple sling legs or where side loading conditions may occur. See the side loading graphic above for rating reduction in these applications.



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