

SPOOL Shackles

This revolutionary, patented, shackle from Tylaska replaces the age-old knot! Unlike a conventional knot, the Tylaska Spool Shackle™ will not jam up and remains easy to fasten and unfasten even after loading up to the tensile strength of the line.

The S-Series Tylaska Spool Shackle™ is machined from high-strength aluminum. The P4 version of the Tylaska Spool Shackle™ is made of high-impact polycarbonate. Both versions have an exceptional strength-to-weight ratio. The key is that the line itself supplies the strength while the shackle simply redirects the force. The ease of unfastening after loading is equally amazing. Based upon the concept of "breaking the back" of a bowline knot, the line can be rolled back and taken off even after it becomes "stiff as a wire" from tension.

The Tylaska Spool Shackle™ works with both conventional and hi-tech lines. All that is needed is a looped end. This can be a pre-spliced loop, yet-to-be spliced loop, or simply an overhand knot loop. A retaining pin allows for the shackle to be removed or transferred to other lines. An optional "O" ring slides over the line to provide a secondary "lock" against loosening during the most severe flogging situations.

- Ideal for Halyards, Genoa Sheets, etc.
- Tremendous Strength
- Flog-Proof
- Easy to Fasten and Unfasten
- Will Not Jam Up

S2



S3



S5



S8



All Spool Shackles Shown Actual Size

Patent Pending

S12



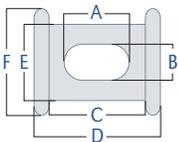
P4 HIGH-IMPACT POLYCARBONATE PLASTIC SPOOL SHACKLE



S20



S30



A Keeper Pin and "O" Ring come with each spool shackle in its corresponding size.

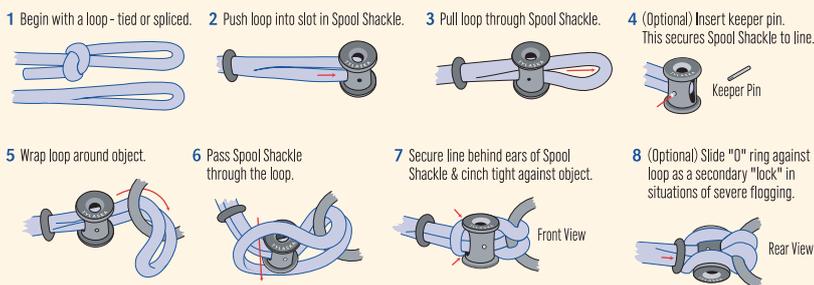
All Spool Shackles Shown Actual Size

SHACKLE TYPE	S2	S3	S5	S8	S12	P4	S20	S30
A SLOT LENGTH in (mm)	.39 (9.9)	.522 (13.3)	.57 (14.5)	.713 (18.1)	.91 (23.1)	.91 (23.1)	1.159 (29.4)	1.787 (45.4)
B SLOT WIDTH in (mm)	.177 (4.5)	.238 (6.1)	.281 (7.1)	.343 (8.7)	.438 (11.1)	.438 (11.1)	.563 (14.3)	.813 (20.7)
C INSIDE LENGTH in (mm)	.548 (13.9)	.77 (19.6)	.875 (22.2)	1.063 (27)	1.312 (33.3)	1.312 (33.3)	1.677 (42.6)	2.5 (63.5)
D OVERALL LENGTH in (mm)	.673 (17.1)	.926 (23.5)	1.062 (27)	1.313 (33.4)	1.562 (39.7)	1.562 (39.7)	1.99 (50.5)	2.938 (74.6)
E DIAMETER in (mm)	.413 (10.5)	.574 (14.6)	.71 (18)	.766 (19.5)	1.032 (26.2)	1.032 (26.2)	1.329 (33.8)	1.9 (48.3)
F FLANGE DIAMETER in (mm)	.53 (13.5)	.75 (19.1)	.9 (22.9)	1 (25.4)	1.326 (33.7)	1.326 (33.7)	1.705 (43.3)	2.485 (63.1)
WEIGHT oz (gm)	.1 (2.8)	.3 (8.5)	.5 (14.2)	.75 (21.3)	1.6 (45.5)	.8 (22.7)	3.4 (96)	10.8 (307)
WORK LOAD lb (kg)	1,000 (454)	1,500 (682)	2,500 (1,135)	4,000 (1,818)	6,000 (2,727)	2,200 (1000)	10,000 (4,545)	15,000 (6,5818)
BREAKING STRENGTH lb (kg)	2,000 (909)	3,000 (1,364)	5,000 (2,273)	8,000 (3,636)	12,000 (5,455)	4,400 (2000)	20,000 (9,091)	30,000 (1,363)
LINE SIZE in (mm)	1/8 (3)	1/8 - 5/32 (3-4)	3/16 (5)*	1/4 (6)*	5/16 - 3/8 (8-10)*	5/16 - 3/8 (8-10)	3/8 - 7/16 (10-11)*	1/2 - 3/4 (12-18)*

*S5 can fit some weaves of 6mm | S8 can fit some weaves of 8mm | S12 can fit many weaves of 3/8" and some weaves of 10mm
 S20 can fit most weaves of 12mm and some weaves of 1/2" | S30 can fit some weaves of 20mm
 P4 is made from high-impact polycarbonate plastic.

DIRECTIONS

TO ATTACH



TO REMOVE

