

# Spool Shackles™

Supplied By: American Rigging Supply, Inc.

This revolutionary, patent pending new 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.

S2



S3



S5



S8



All Spool Shackles Shown Actual Size

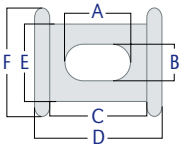


- **Ideal for Halyards, Genoa Sheets, etc.**
- **Tremendous Strength**
- **Flog-Proof**
- **Easy to Fasten and Unfasten**
- **Will Not Jam Up**

Patent Pending

**S12***Supplied By: American Rigging Supply, Inc.***S20**

HIGH-IMPACT POLYCARBONATE PLASTIC SPOOL SHACKLE

**P4****S30**

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

*All Spool Shackles Shown Actual Size*

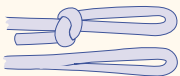
SHACKLE TYPE	S2	S3	S5	S8	S12	P4	S20	S30
<b>A</b> SLOT LENGTH in (mm)	.39 (9.9)	.522 (13.3)	.57 (14.5)	.713 (18.1)	.91 (23.1)	.91 (23.1)	1.159 (29.4)	1.787 (45.4)
<b>B</b> SLOT WIDTH in (mm)	.177 (4.5)	.238 (6.1)	.281 (7.1)	.343 (8.7)	.438 (11.1)	.438 (11.1)	.563 (14.3)	.813 (20.7)
<b>C</b> INSIDE LENGTH 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)
<b>D</b> 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)
<b>E</b> 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)
<b>F</b> 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)
<b>WEIGHT</b> 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)
<b>WORK LOAD</b> lb (kg)	1,000 (454)	1,500 (682)	2,500 (1,135)	4,000 (1,818)	6,000 (2,727)	2,000 (909)	10,000 (4,545)	15,000 (6,5818)
<b>BREAKING STRENGTH</b> lb (kg)	2,000 (909)	3,000 (1,364)	5,000 (2,273)	8,000 (3,636)	12,000 (5,455)	4,000 (1,818)	20,000 (9,091)	30,000 (1,363)
<b>LINE SIZE</b> in (mm)	1/8 (3)	1/8 - 5/32 (3-4)	3/16 (5)*	1/4 (6)*	5/16 (8)*	3/8 (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

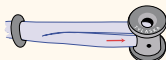
S20 can fit most weaves of 12mm and some weaves of 1/2" | S30 can fit some weaves of 20mm | P4 is made from high-impact polycarbonate plastic.

**DIRECTIONS****TO ATTACH**

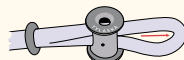
1 Begin with a loop - tied or spliced.



2 Push loop into slot in Spool Shackle.



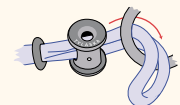
3 Pull loop through Spool Shackle.



4 (Optional) Insert keeper pin. This secures Spool Shackle to line.



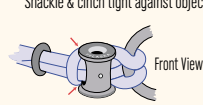
5 Wrap loop around object.



6 Pass Spool Shackle through the loop.



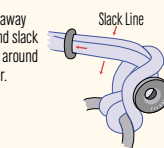
7 Secure line behind ears of Spool Shackle &amp; cinch tight against object.



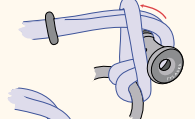
8 (Optional) Slide "O" ring against loop as a secondary "lock" in situations of severe flogging.

**TO REMOVE**

1 Slide "O" ring away from loop. Bend slack line backward around spool diameter.



2 Roll loop back over slack line. (Similar to "breaking the back" of a bowline knot.)



3 Turn spool and pass back through loop.



4 Line is now free from object.

