

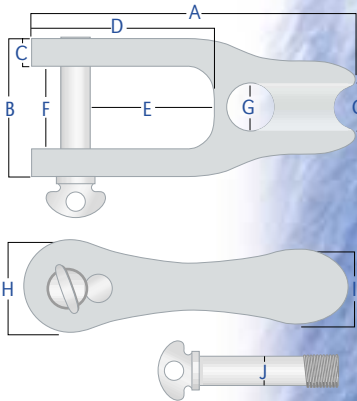
Halyard Shackles

Supplied By: American Rigging Supply, Inc.

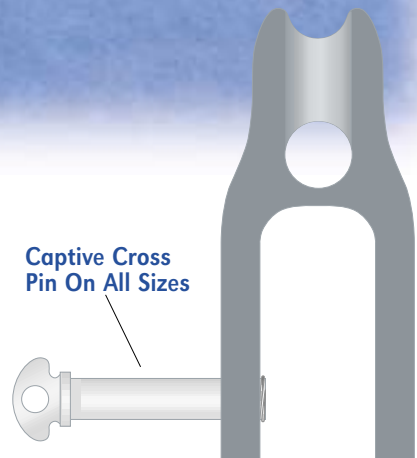
Tylaska's halyard shackle has the highest strength-to-weight ratio of any existing halyard shackle on the market. A captive 17-4 PH pin stainless makes for trouble-free operation. The all-metal machined line thimble allows for use as a 2-1 purchase without the wear or melting that occurs with plastic molded thimbles. Lines can also be permanently spliced for a fixed halyard.

Tylaska CNC machines the 3D shackle from high strength aluminum, the same material that is used in military aircraft and missiles. This material has twice the tensile strength of conventional aluminum and has the equivalent strength-to-weight ratio as titanium. Hard coat anodizing protects against corrosion. Laser engraving identifies the product without any sacrifice to strength or risk of corrosion. The cross pin is made from 17-4PH stainless for wear and durability. A unique locking tab makes the pin captive so as to prevent loss. The clevis slot size was made to fit standard sail headboards without adding any unnecessary weight. Strength was optimized by computer and then verified by numerous "make and break" destructive tests.

- Lightest Halyard Shackle Available
- Highest Strength-to-Weight Ratio
- Captive Cross Pin
- Can Be Used as 2-1 Purchase



SHACKLE TYPE	H5	H8	H12	H20
A OVERALL LENGTH in (mm)	2.57 (65.3)	3 (76.2)	3.76 (76.2)	4.84 (122.9)
B OVERALL HEIGHT in (mm)	1 (25.4)	1.26 (32)	1.505 (38.2)	1.833 (46.5)
C EAR THICKNESS in (mm)	.183 (4.6)	.25 (6.4)	.313 (8)	.416 (10.6)
D OVERALL THROAT LENGTH in (mm)	1.40 (35.6)	1.69 (42.9)	2.00 (50.8)	2.50 (63.5)
E EFFECTIVE THROAT LENGTH in (mm)	.91 (23.1)	1.11 (28.2)	1.20 (30.5)	1.44 (36.6)
F INSIDE THROAT WIDTH in (mm)	.64 (16.1)	.76 (19.3)	.88 (22.4)	1 (25.4)
G THIMBLE GROOVE WIDTH in (mm)	.375 (9.5)	.438 (11.1)	.563 (14.3)	.75 (19.1)
H OVERALL EAR HEIGHT in (mm)	.75 (19.1)	.686 (17.4)	1.19 (30.1)	1.58 (40.1)
I OVERALL THIMBLE HEIGHT in (mm)	.75 (19.1)	.85 (21.6)	1.125 (28.6)	1.499 (38.1)
J PIN MINIMUM DIAMETER in (mm)	.26 (6.6)	.32 (8.1)	.375 (9.5)	.5 (12.7)
WEIGHT oz (gm)	1.3 (36.9)	2.1 (58.7)	4.5 (127.8)	9.6 (272.7)
WORK LOAD lb (kg)	2,500 (1,136)	4,000 (1,818)	6,000 (2,727)	10,000 (4,545)
BREAKING STRENGTH lb (kg)	5,000 (2,273)	8,000 (3,636)	12,000 (5,455)	20,000 (9,091)
LINE SIZE in (mm)	5/16 (8)	3/8 (10)	1/2 (12)	5/8 (16)



H5

WORK LOAD 2,500 lb (1,136 kg)
BREAKING STRENGTH 5,000 lb (2,273 kg)
WEIGHT 1.3 oz (36.9 gm)
LINE SIZE 5/16" (8 mm)



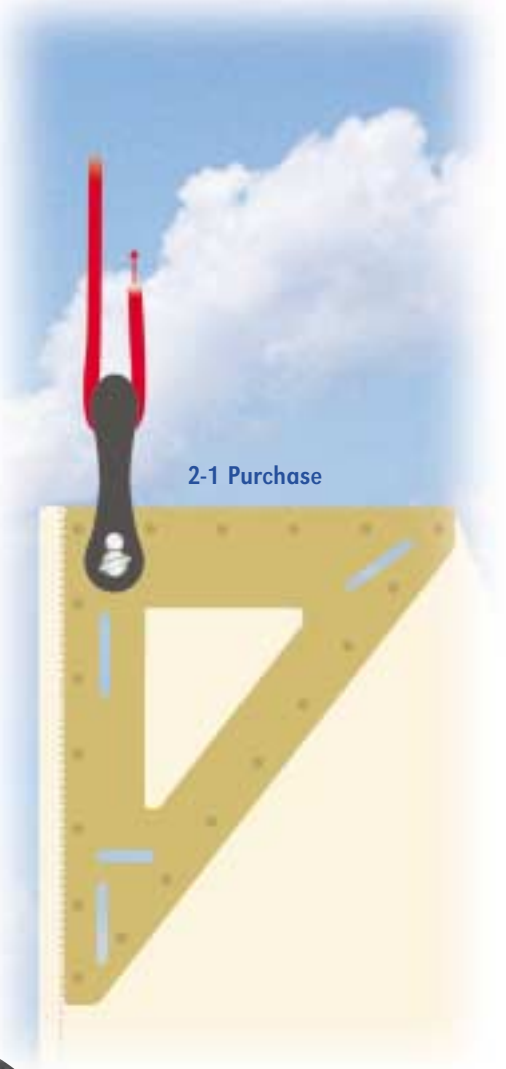
H8

WORK LOAD 4,000 lb (1,818 kg)
BREAKING STRENGTH 8,000 lb (3,636 kg)
WEIGHT 2.1 oz (58.7 gm)
LINE SIZE 3/8" (10 mm)



H12

WORK LOAD 6,000 lb (2,727 kg)
BREAKING STRENGTH 12,000 lb (5,455 kg)
WEIGHT 4.5 oz (127.8 gm)
LINE SIZE 7/16" - 1/2" (12 mm)



H20

WORK LOAD 10,000 lb (4,545 kg)
BREAKING STRENGTH 20,000 lb (9,091 kg)
WEIGHT 9.61 oz (272.7 gm)
LINE SIZE 1/2" - 5/8" (16 mm)



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All Halyard Shackles Shown Actual Size