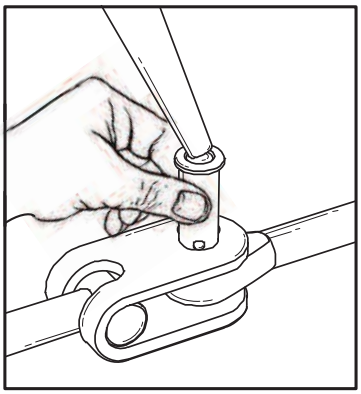
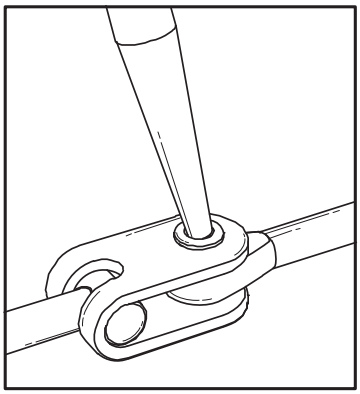
CLEVIS PIN Ball-Lock

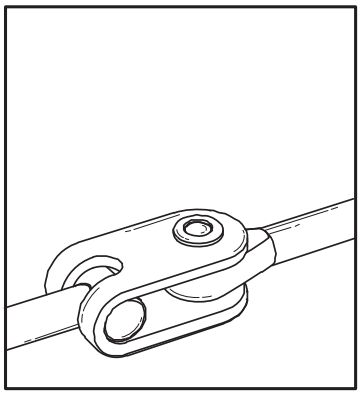
INSERTION



Guide clevis pin into clevis with hand while applying pressure to front button with a fid, screw driver or any pointed object.



Once button is sufficiently depressed, the clevis pin will slip into place.



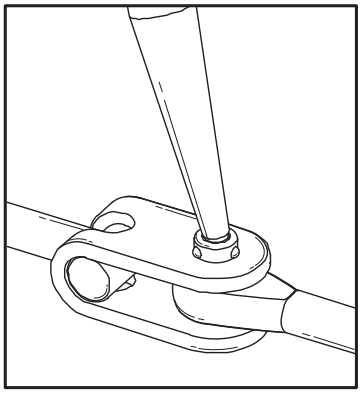
Once in place, the ball-bearings will snap into a locked position and hold the clevis pin captive.

Tylaska Marine Hardware's new patented ball-lock clevis pins provide a direct replacement for standard clevis pins. Unlike traditional ball lock pins, the Tylaska ball lock clevis pin has no bulky handle and has a release button on both ends. This revolutionary pin eliminates the need for sharp cotter pins, bulky snap rings, and messy rigging tape, providing a smooth, snag-free connection that is easy to assemble and disassemble. The clevis pins are constructed out of a hardened and electro-polished 17-4 stainless steel alloy, which allows for comparable strength to standard 316 stainless steel clevis pins.

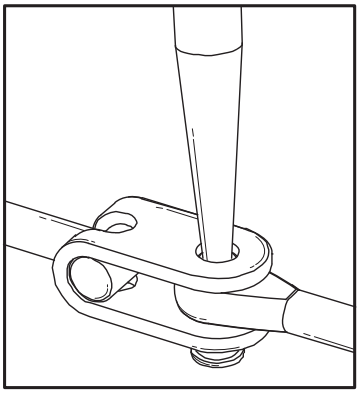
Tylaska Marine Hardware, 800 Flanders Road, Mystic, CT 06355 USA | Phone (860) 572-8440 | Fax (860) 572-0534 | www.Tylaska.com

CLEVIS PIN Ball-Lock

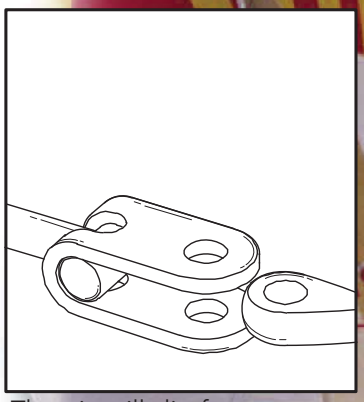
REMOVAL



Apply pressure to rear button on opposite end of clevis pin with a fid, screw driver or other pointed tool.



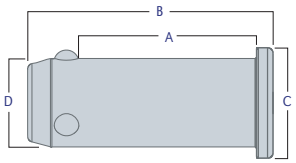
Push pin through until balls are released.



The pin will slip free.

Tylaska's ball-lock clevis pins utilize three ball bearings at the end of the pin to hold the clevis pin captive. In their at-rest state, the ball bearings are locked in a protruded position, holding the pin captive in the same way a cotter pin would. Depressing a button recessed in the head of the pin permits the ball bearings to drop into the pin, allowing the pin to be easily inserted into a clevis. A second button on the opposite end of the pin can be used in the same fashion for easy removal and allows the use of a hammer and punch to dislodge the pin if it is ever corroded or stuck. A standard fid or other spike can also be used to depress the buttons. The buttons use stiff springs to ensure that the pins will not easily dislodge themselves under heavy flogging or shock. The release buttons are also recessed to ensure that the pins resist accidental release when bumped or struck by other objects.

Available in a variety of standard sizes, these clevis pins are completely interchangeable with standard clevis pins. They are ideal for any clevis pin application where snap rings and cotter pins pose a hazard to crew and equipment and where quick removal may be necessary.



Don't see the pin size you need listed? Call or check our website to inquire about other standard imperial, metric or custom sizes.

Nominal Diameter	Grip Length	A in (mm)	B in (mm)	C in (mm)	D in (mm)	Part Number
5/16"	9/16"	0.563 (14.3)	0.821 (21.1)	0.432 (11.0)	0.311 (7.9)	BL313-563
	11/16"	0.688 (17.5)	0.946 (24.3)			BL313-688
	3/4"	0.75 (19.1)	1.008 (25.9)			BL313-750
	1"	1.00 (25.4)	1.258 (32.2)			BL313-1000
	1 1/4"	1.25 (31.8)	1.508 (38.6)			BL313-1250
3/8"	5/8"	0.625 (15.9)	0.904 (23.0)	0.495 (12.6)	0.373 (9.5)	BL375-625
	13/16"	0.813 (20.7)	1.092 (27.7)			BL375-813
	1"	1.00 (25.4)	1.279 (32.5)			BL375-1000
	1 1/4"	1.25 (31.8)	1.529 (38.8)			BL375-1250
	1 1/2"	1.50 (38.1)	1.779 (45.2)			BL375-1500
1/2"	3/4"	0.75 (19.1)	1.127 (28.6)	0.620 (15.7)	0.497 (12.6)	BL500-750
	1"	1.00 (25.4)	1.377 (35.0)			BL500-1000
	1 1/4"	1.25 (31.8)	1.627 (41.3)			BL500-1250
	1 1/2"	1.50 (31.8)	1.877 (47.7)			BL500-1500
5/8"	1"	1.00 (25.4)	1.441 (36.6)	0.745 (18.9)	0.622 (15.8)	BL625-1000
	1 1/4"	1.25 (31.8)	1.691 (43.0)			BL625-1250
	1 1/2"	1.50 (38.1)	1.941 (49.3)			BL625-1500
	1 3/4"	1.75 (44.5)	2.191 (55.7)			BL625-1750

Tylaska Marine Hardware, 800 Flanders Road, Mystic, CT 06355 USA | Phone (860) 572-8440 | Fax (860) 572-0534 | www.Tylaska.com