

# BALL-LOCK PINS & SHACKLES

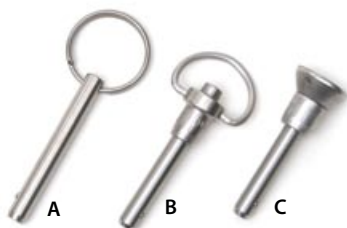


## BALL-LOCK PINS

One hand release—just push the button and pull. Uses include blocks, shackles and hiking sticks. Replace clevis pins of same diameters and similar grip lengths. See Convenience Package descriptions listed by boat type for specific recommendations.

**CAUTION:** Do not use Ball-Lock Pins when receptor holes are oversize or out-of-round. (Example: Beware of 7- and 10-hole shroud adjusters.)

Measurements shown are diameter x maximum grip length (distance from the shoulder to the locking ball bearings).



### A. DETENT PIN

Economical. A spring-loaded ball exerts sufficient pressure to avoid accidental release.

- 18-4D125 1/4" x 1-1/4" \$8.00
- 18-4D300 1/4" x 3" \$12.00

### B. STANDARD BALL-LOCK PIN

Standard head with a ring pull.

- 18-3R075 3/16" x 3/4" \$20.00
- 18-4R075 1/4" x 3/4" \$19.00
- 18-4R100 1/4" x 1" \$20.00
- 18-4R125 1/4" x 1-1/4" \$21.00

### C. DELUXE BALL-LOCK PIN

Features a deluxe dished head with a hole for lanyard attachment. No other locking pin is faster operating or safer. For addition of 1/16" x 7" stainless lanyard with micropress ovals, add letter "L" after item number.

- 18-3M050 3/16" x 1/2" \$22.00
- 18-3M075 3/16" x 3/4" \$24.00
- 18-4M075 1/4" x 3/4" \$24.00
- 18-4M100 1/4" x 1" \$25.00
- 18-4M125 1/4" x 1-1/4" \$27.00

**TIP**

Ball-Lok pins should not be used where use might lead to de-masting or other catastrophic failure.

## RELATED ITEMS

- Ball-Lok Pin Use Chart..... pg 30
- Convenience Items.....30

## SHACKLES

Measurement shown is pin diameter. (Example: 1/4" shackle has a 1/4" diameter pin.) All shackles are solid stainless steel. Having a spare on hand for each size shackle on your boat may mean the difference between sailing or not. It's amazing how quickly shackles and pins disappear in the sand! Select individual shackles or consider a Spares & Repairs Kit, shown on page 27.



### D. SNAP SHACKLE WITH SWIVEL EYE

Length is 2-3/4" with eye diameter of 1/2". SWL 1000 lbs.  
22-4521 \$36.00

### E. SNAP SHACKLE WITH SWIVEL TACK

For attaching Nacra jib tack. 2-3/4" long with 1/4" pin diameter. SWL 800 lbs.  
22-4501 \$39.00



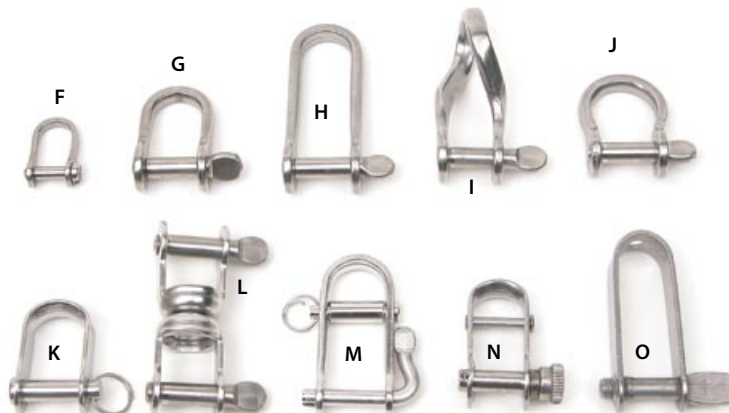
Pinata Regatta 2006 Photo: Ellie Martin

### P. HEADLESS CLEVIS PIN

- 22-9811 3/16" x 1-1/2" (H-16 mast step hinge pin) \$3.50
- 56-F128 3/16" x 3" Prindle \$7.00
- 22-9815 1/4" x 3-3/8" (H-18 mast step hinge pin) \$4.00
- 56-F158 1/4" x 2" (H-17, Nacra mast step hinge pin) \$7.00

### Q. CLEVIS PIN

- 22-9801 3/16" x 1/2" \$1.00
- 22-9805 3/16" x 5/8" \$1.10
- 22-9806 3/16" x 7/8" \$1.25
- 22-9807 3/16" x 1-1/4" \$1.30
- 22-9808 1/4" x 1/2" \$1.20
- 22-9802 1/4" x 5/8" \$1.20
- 56-4012 1/4" x 3/4" \$2.00
- 50-8020401 1/4" x 1" \$1.60
- 22-9803 1/4" x 1-1/8" \$1.50
- 22-9804 1/4" x 1-3/8" \$1.65
- 56-4586 5/16" x 2-3/16" \$4.00
- 56-4587 1/4" x 2-1/4" \$3.00



### F-H. D-SHACKLE

- F. 21-0615 5/32" Slotted Pin \$4.70
- 21-0616 3/16" \$4.35
- G. 21-0617 1/4" \$6.75
- H. 21-0623 1/4" Long \$7.45

### I. TWISTED D-SHACKLE

- 21-0628 3/16" \$7.35
- 21-0629 1/4" \$11.75

### J. BOW SHACKLE

- |                       |                |
|-----------------------|----------------|
| Shackle               | Pin Only       |
| 21-0634 3/16" \$5.25  |                |
| 21-0635 1/4" \$7.75   | 21-0033 \$3.25 |
| 21-0636 5/16" \$10.50 |                |

### K. HARKEN STAMPED D-SHACKLE

- 28-0072 3/16" \$3.55
- 28-0138 1/4" \$5.70

### L. SWIVEL SHACKLE

- 21-0120 3/16" \$22.00
- 21-0173 1/4" \$26.50

### M. QUICK TWIST HALYARD SHACKLE

With removable guard pin.  
21-1032 3/16" \$16.00  
21-1033 1/4" \$17.10

### N. 1/4" SHORT HALYARD SHACKLE

1-7/32" long with fixed guard pin and spring-loaded captive pin. Max working load: 1550 lbs.  
22-9343 \$24.50

### O. 1/4" FLAT HALYARD SHACKLE

1-7/16" long. Round profile for thimble connection. Max working load: 1700 lbs.  
50-10670000 \$11.20

# CLEVIS PINS & RETAINERS

## CLEVIS PINS

Clevis pins and retainers are stainless steel. Measurements shown are diameters x grip lengths (shoulder to the split ring hole).

### R-S. SPLIT RING

- R. 22-9492 For 3/16"-1/4" Pin \$4.40
- 22-9493 For 5/16" & 3/8" Pin \$4.40

A pigtail makes this split ring easier to open.

- S. 22-9491 For 1/4" with Pigtail \$3.35

### T. SAFETY PIN

An alternative to the split ring.  
21-0126 \$1.20

### U. COTTER PIN

- 19-1015 3/32" x 3/4" \$1.18

### V-W. SPRING CLIP

For quick rudder pin removal. Stainless.

- V. 21-0413 For 3/8" diameter \$4.40
- W. 25-2204 For 1/4" to 5/16" diameter \$7.75
- W. 25-2205 For 3/8" diameter \$1.25

### X. TOGGLE PIN

Replace clevis pins of same diameter and grip lengths. Each. See page 30 for toggle pins with lanyards.

- 21-1155 1/4" x 5/8" \$11.75
- 21-1153 1/4" x 3/4" \$16.25
- 21-1157 1/4" x 1" \$12.00
- 21-1159 1/4" x 1-1/4" \$12.25

