

# DOWNHAULS



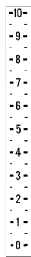
## A-M. CATAMARAN DOWNHAUL COMPONENTS

For the racer... ultimate control of sail shape and power. Convenient "up-release" exit pivot blocks can be mounted on either side of the mast. Dual control lines allow downhaul adjustment from all normal sailing positions, even from the wings! Allow time for installation and correct alignment of parts. Also allow an extra few minutes for rigging and de-rigging. Recommended for A-fleet and soon-to-be's! Pick and choose components as needed. Check your Class rules regarding system limitations for racing.

- A. 28-0291 Harken Exit Pivot with Micro Cam-Matic \$70.25
- B. 28-0140 Harken Exit Pivot with Cam-Matic \$95.00
- C. 28-0359 Cat Quick Rig 4:1 Downhaul Block \$161.75
- D. 28-0224 Harken Micro Single Block \$10.10
- E. 28-0225 Harken Micro Single Block w/Becket \$11.60
- F. 28-0226 Harken Micro Double Block \$25.30
- G. 28-0228 Harken Micro Triple Block \$36.15
- H. 28-0233 Harken Micro Cheek Block \$13.65
- I. 27-0236 CamCleave with Top Roller \$18.95
- J. 03-0190 Channel Insert 10-32 \$2.00
- K. 19-3500 RMHS #10-32 x 7/8 \$.40
- L. 27-0199 Rope End Stop \$2.10
- 19-5020 Rivet Casing \$.70

## DOWNHAUL SCALE

Handy self-stick scale takes the guesswork out of setting the downhaul. 10" in 1/2" increments. Can also be used as an outhaul scale.



07-2082 \$2.50

## H-14/16 GOOSENECK BEARING KIT

This simple kit is the easiest and least expensive way to get more from your downhaul system. Downhaul adjustment becomes smooth and easy. Kit contains two gooseneck bearings with connecting screws. By Tren Tec.



12-2050 \$7.75

## M-P. FACTORY GOOSENECK PARTS FOR H-14/16/18

Replacement parts from the Hobie® factory.

- M. 50-10770001 Gooseneck Assembly Complete \$58.95
- N. 50-10772001 Slide \$17.50
- O. 50-50772031 Vertex \$9.00
- P. 50-10772010 Boom Pin with Roll Pin \$16.95

## SUPER GOOSE FOR H-14/16/17/18/20/21

Guaranteed for the life of your boat! This upgraded gooseneck is constructed from a solid block of 6061-T6 aluminum and then finished with a coat of black hardkote anodizing. By Tren Tec.

Not compatible with older H-17 model.  
12-4060 \$21.00



Piñata Regatta 2007 Photo: Ellie Martin

## DOWNHAULS

The downhaul is the most important tuning tool on the boat. According to Rick White; "Because downhaul is such an important factor in flattening your sail or making it full, it is extremely important to be able to make this adjustment during races... Use as much as is allowed and make it as easy as possible to adjust."



## 8:1 DOWNHAUL KIT WITH DOUBLE BLOCKS

All ball bearing Harken blocks and cleats make this system powerful and smooth. The base unit rivets to the mast and the two double blocks on the top are tied together through the downhaul ring of the sail. The base unit includes two pivot blocks with cam cleats that allow adjustment from anywhere on the trampoline or trapeze. Hobie® Class legal for racing.

07-2088 \$239.00

## ALL-PURPOSE TOOL

Stainless tool is a wrench that fits nuts for 1/4" and 5/16" bolts. It's also a cam remover, screwdriver, bottle opener and shackle tool. Helps with shackle pins and drain plugs.

01-0005 \$6.95



## CAT SHACKLE TOOL

A screwdriver, bottle opener, shackle tool and open-end wrench for nuts that fit 1/4", 5/16" and 3/8" bolts. Aids in getting pins out of shackles and loosening drain plugs. Stainless tool comes with lanyard.

01-0006 \$7.25

## H-14/16 6:1 DOWNHAUL

Class legal, complete 6:1 kit comes with either Harken Carbo or lighter, less expensive micro triple block and triple with cleat. Includes class-approved attachment for base of mast, all hardware and line. Use with gooseneck bearing kit #12-2050.

07-2089 With Carbo Blocks \$139.00

07-2089-1 Euro: With Micro Blocks \$125.00



## H-14/16 3:1 DOWNHAUL

This class legal 3:1 downhaul kit for H-14/16 includes Harken® bullet block with becket and swivel, and 6 feet of 3/16" low-stretch, 8-strand line.

01-1028 \$27.25



## H-18 5:1 POWER DOWNHAUL

Powerful downhaul adjustment from any sailing position. Class legal 5:1 downhaul kit for H-18 includes a space-saving bracket with becket, two Harken bullet cheek blocks, Harken pivoting exit block with micro cleat, Harken double bullet block, trim line, fasteners and instructions. Easy to install! No holes to drill.

07-2087 \$159.00



## RELATED ITEMS

Blocks.....	pg 24
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