

HARKEN®

INSTALLATION SHEET

438 Cam-Matic Adapter® Plate

1251 East Wisconsin Avenue • Pewaukee, WI 53072 U.S.A.

Telephone: (262) 691-3320 • Fax: (262) 691-3008

Web: harken.com • Email: harken@harken.com

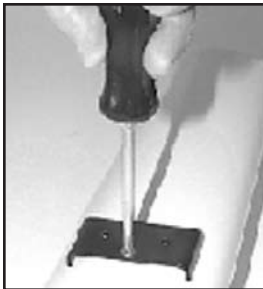


The 438 cam adapter plate makes mounting 150 and 365 Cam-Matic® cam cleats to rounded surfaces such as masts and booms secure and easy. It is ideal for halyards on dinghies and small keelboats, spinnaker pole adjuster systems and outhauls.

Installing Cam Adapter Plate

1. Hold plate with center hole opposite load direction.
2. Using plate as a guide, drill and tap center hole only. Use chart at right to determine correct drill size.

Fastener Size	Drill Size	Tap
10-24	9/64"	10-24
10-32	5/32"	10-32
10-32	4.6 mm	M5 x 0.8 mm



3. Screw plate to spar with center screw (apply Loctite® to threads).



4. Using plate as a guide, drill and tap last two holes.

5. Screw cam to spar with two screws (apply Loctite® to threads).
6. **Do not over tighten.** Cam should be quite secure, but pawls should snap closed smartly.

Maintenance

Harken equipment requires minimal maintenance, but some is required to give the best service and to comply with Harken's limited warranty.

It is important to keep equipment clean by frequently flushing with fresh water. In corrosive atmospheres, stainless parts may show discoloration around holes, rivets and screws. This is not serious and may be removed with a fine abrasive.

With the exception of winches, do not use grease unless specifically recommended in the instruction sheets.

Important: Exposure to some teak cleaners and other caustic solutions can result in discoloration of part and is not covered under the Harken warranty.

Warranty

For additional safety, maintenance and warranty information see www.harken.com or the Harken® catalog.