HARKEN®

INSTALLATION SHEET

438 Cam-Matic Adapter® Plate

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 towards user. Cam pawls will open this direction.

2. Using plate as guide, drill and tap center hole only. Use chart below, determine correct drill size.

Fastener Size	Drill Size	Tap
10-24	$9/64$"	10-24
10-32	$5/32$"	10-32
5 mm	4.25 mm	M5 x .8 mm

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

4. Using plate as a guide, drill and tap through spar.

CORRECT

INCORRECT

5. Screw cam to spar with two screws (apply Loctite® to threads).
Loctite® is a trademark of Henkel AG & Company KGaA

⚠️ **CAUTION** Three fasteners must secure cam cleat and adapter to spar. Using only center fastener will result in cam suddenly coming off mast and causing damage or injury.

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/manuals or the Harken® catalog.

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