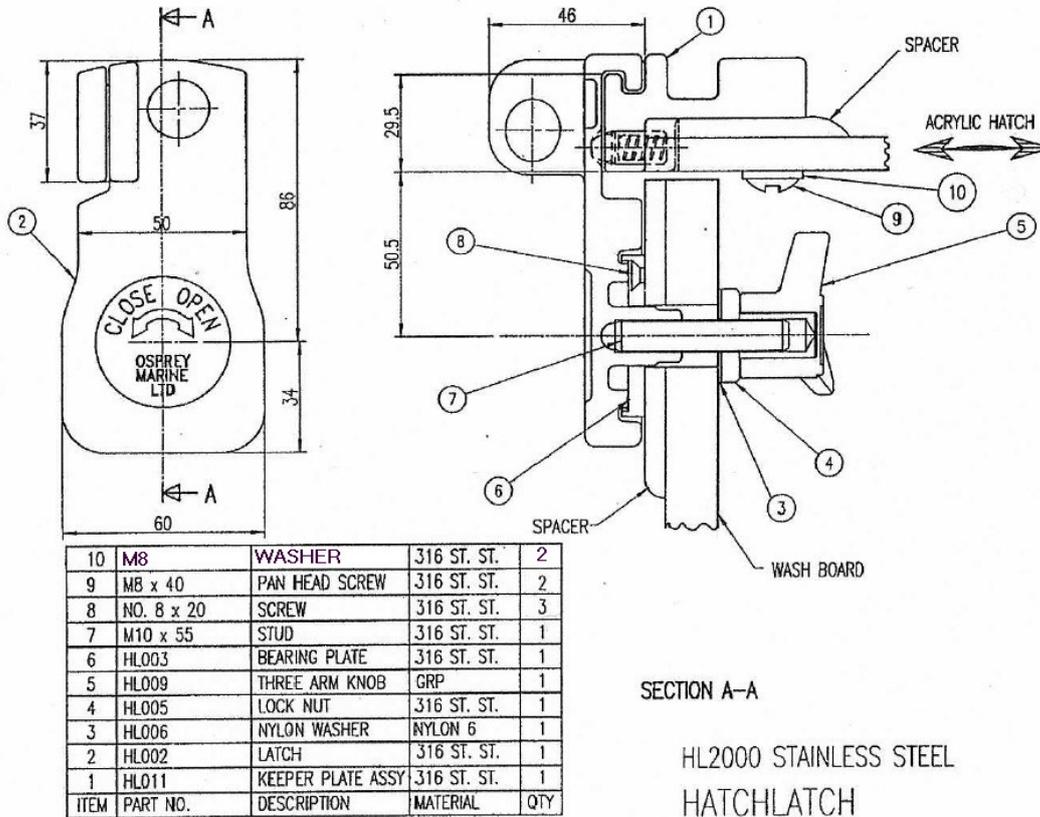


Application, Fitting and Maintenance Instructions

'Hatch-Latch' HL2000



NOTE - complies with ORC rule 6.13 which requires that companionway access must be able to be secured at sea, and operable from above and below decks

IMPORTANT - for the fitting of Hatch-Latch it is essential that the face of the wash board is flush with the face of the sliding hatch when the hatch is closed. A spacer may, therefore, be needed (see drawing above)

WARNING - only authorised locksmiths are able to open these padlocks using special equipment. Therefore, ensure keys are safely stored in separate locations. Spare keys can be cut from a key supplied via authorised locksmiths only. If you lose your keys, do not attempt to break open the lock as this will be unsuccessful

MAINTENANCE - use WD40 sparingly several times per season to coat the surfaces and the two shackle holes of the lock. Also, apply to the sprung loaded ball end in the keeper plate of Hatch-Latch (item 1). Discolouration of the padlock can occur over time. This is easily removed with warm fresh water, liquid soap and a non abrasive plastic scourer. Then reapply WD40. This service programme will greatly extend the life of the unit

FITTING INSTRUCTIONS - SEE OVER

Originators, manufacturers and distributors of 'Hatch-Latch' sailboat security system

FITTING INSTRUCTIONS

For forward facing companionway access, consider mounting Hatch-Latch to the port side. This will help to stop the crew from accidentally hitting the keeper plate assembly (*item 1*) screwed to the sliding hatch

After very careful consideration of where to position Hatch-Latch, fit spacer/s (*not supplied*) if required (*see drawing overleaf*). Choose a material to enhance the appearance of your wash board - i.e. wood, plastic, metal etc.

Cut stud (*item 7*) to suit your boat. LENGTH of stud = T + 30mm (T=total thickness of wash board, including vertical spacer if fitted)

Cut 2x M8 pan head screws (*item 9*) to suit your boat. LENGTH of screw = Y + 8mm (Y = total thickness of sliding hatch, including horizontal spacer if fitted)

Locally chisel a notch 15mm wide x 10mm deep to the edge face of the sliding hatch to clear the spring loaded ball end boss at the rear of the keeper plate assembly (*item 1*)

Fit keeper plate assembly (*item 1*) by drilling 2x holes 9mm dia. through the sliding hatch and horizontal spacer (*if fitted*). The hole centres are positioned 40mm from the edge face of the sliding hatch, and spaced 36mm from each other. Use sealant between the keeper plate assembly (*item 1*) and the top of the sliding hatch (*or horizontal spacer if fitted*) when finally torquing up the pan head screws

Cut the self adhesive hole template along line C - C, and discard the upper portion. With the sliding hatch closed, and the wash board/s in position, carefully stick the lower portion of the template to the face of the wash board (*or vertical spacer if fitted*) with the cut line C - C immediately below, and just touching, the lower edge of the keeper plate assembly casting (*item 1*). Using a bradawl, ACCURATELY mark 4x hole centres. Drill 1x hole 19mm dia. (*drill supplied - when the point of the drill breaks through to the reverse side of the wash board, finish drilling from this reverse side. This will avoid the wood splintering around the hole area*) through the wash board and vertical spacer (*if fitted*). Finally, core drill 3x holes to suit screws (*item 8*)

Use 3x screws (*item 8*) to fix the bearing plate (*item 6*) to the wash board. Use a thin film of sealant between the rear face of the bearing plate and the wash board face

Use two pack epoxy glue at the bottom of the M10 hole in the latch (*item 2*) prior to screwing in the M10 stud (*item 7 - see also paragraph 2 above*) to full depth

Using 2x disposable M10 nuts (*supplied*) as locking nuts, tightly lock the stud (*item 7*) into the latch (*item 2*). Remove locking nuts and discard

After the epoxy glue has set, slide the latch (*item 2*) and stud (*item 7*) assembly through the bearing plate (*item 6*) and wash board. Below decks, fit the nylon washer (*item 3*) and screw on the lock nut (*item 4*) to the stud (*item 7*). Finger tighten the lock nut (*item 4*) so that the latch (*item 2*) rotates freely, but without any slackness

Apply a mole wrench to the outside dia. of the lock nut (*item 4 - use a cloth protector to avoid damage to the lock nut*) and screw the 3-arm knob (*item 5*) until it is face to face with the lock nut (*item 4*)

Using the mole wrench to prevent rotation, firmly tap the three arm knob with a wooden or rubber mallet to lock it tightly against the lock nut (*item 4*)

**Your Hatch-Latch is now ready to secure your boat for many seasons - both in
harbour and at sea**

**Thank you for purchasing this product from us. We hope you are delighted. In
the event of any queries or problems, please contact us**