

**ONE, TWO OR MORE NORSE BOTTOM BRACES ARE USED AT THE BOTTOM
EDGE OF A SHUTTER FOR FLOOR ATTACHMENT AT A DOOR OR OTHER
OPENING TO ENSURE AGAINST SHUTTER MOVEMENT.
FASTENING TO CONCRETE OR WOOD FLOORING IS ACCOMMODATED.**

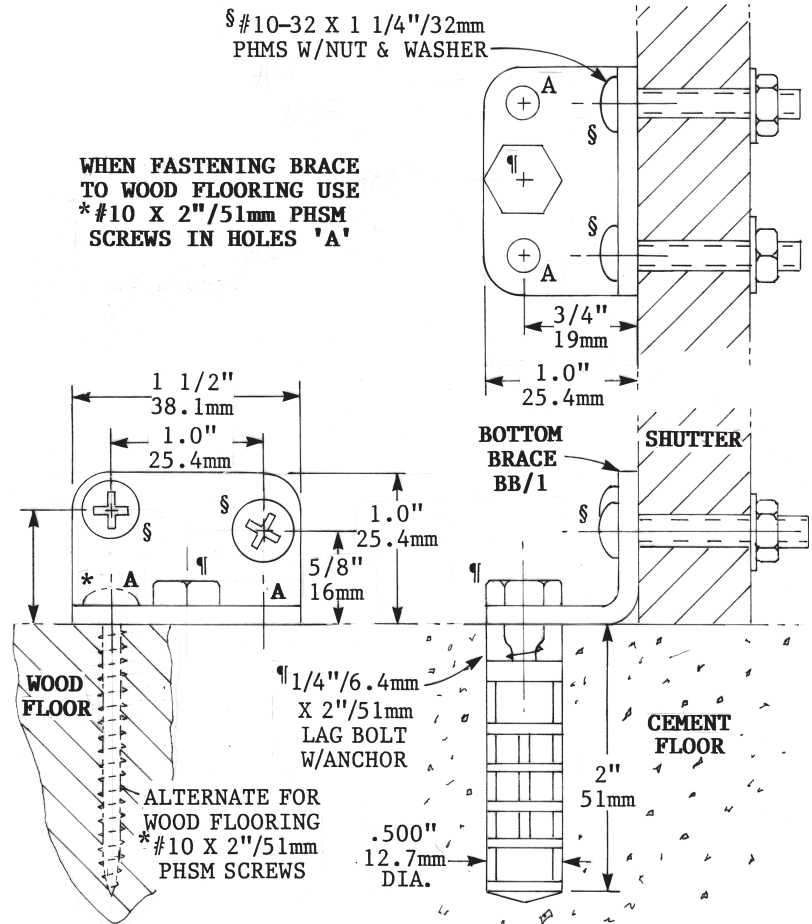
The Norse Bottom Brace shown here is designed to work with hurricane panels (plywood or other materials) to 3/4"/19mm thick.
RECOMMENDED PANEL THICKNESSES: 3/4"/19MM. MINIMUM RECOMMENDED PANEL THICKNESS: 5/8"/16MM



Fig. 1 The shutter is firmly attached to a concrete floor with a Bottom Brace using a 1/4"/6.4mm lag screw into an expansion anchor. The brace can be stored attached to the shutter and the lag screw closes the anchor hole in the floor when not in use. Also works for wood floors using panhead machine screws.

INSTALLATION PROCEDURE:

1. Hang the shutter as shown in TDS 207-1A1 or TDS 207-2A1 with the shutter bottom touching the floor.
2. Place the bottom brace (BB/1) on the floor against the shutter and drill two (2) 3/16"/4.8mm holes thru the shutter for the #10-24 machine screws.
3. Fasten the brace to the shutter with the screws. Mark the hole for the lag screw anchor (for a concrete floor) or the #10x2"/51mm sheet metal screws (for a wooden floor) (at holes 'A').
4. Remove the brace. Drill for the 1/2"/12.7mm dia. anchor (for a concrete floor) or use a 1/8"/3.2mm dia. pilot drill for the #10x2"/51mm panhead sheet metal screws if it is a wooden floor.
5. Reattach the brace to the shutter, and screw the brace securely to the flooring.



MOUNTING DIMENSIONS
Bottom Brace: BB/1