

Hall Seat Bracket

05H40.05

Our hall seat bracket is a modern reproduction of the folding seat hardware installed in streetcars. The bracket has an integral leaf spring that locks it in either the horizontal (deployed) position or in the upright (storage) position. You need only make a seat and attach the bracket to a vertical surface, and you will have an accessible perch for activities such as tying your shoes in a hallway.

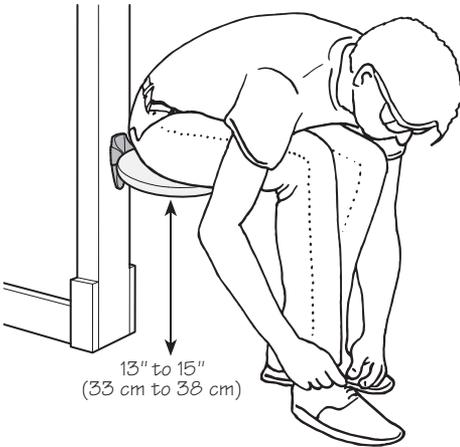


Figure 1: Example of use for tying shoes.

You can make a simple seat out of plywood or hard woods, such as birch, maple, oak or walnut. (Soft woods not recommended.) The diagrams below show suggested dimensions for a single seat using one bracket, as well as a bench using a pair of brackets. Secure the seat to the arm with #8 \times $\frac{3}{4}$ " pan-head screws (four per bracket).

Note: This bracket is made from iron and steel. It will rust if installed outdoors or in a damp location.

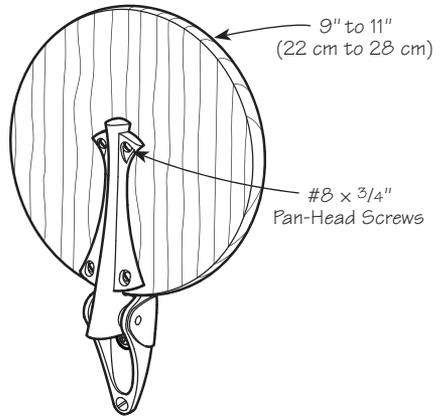
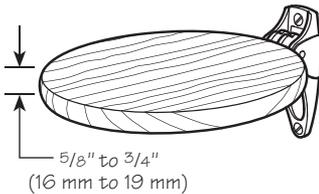


Figure 2: Dimensions for a single seat.

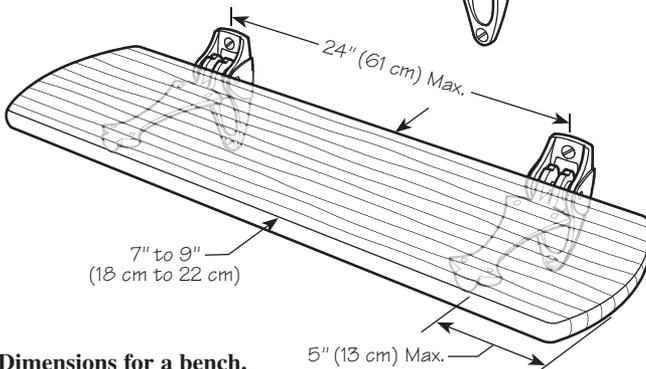


Figure 3: Dimensions for a bench.

Installation

The bracket should not be installed directly onto drywall, as repeated use will eventually crush the drywall. For this application, you will need a pair of Veritas® 1/2" Drywall Nuts* with a head diameter of 5/8" (Item# 05H12.03, available separately) and two 1/4-20 × 1/2" long flat- or oval-head machine screws.

**Note: Incidentally, the Veritas Drywall Nuts were originally designed with this bracket in mind.*

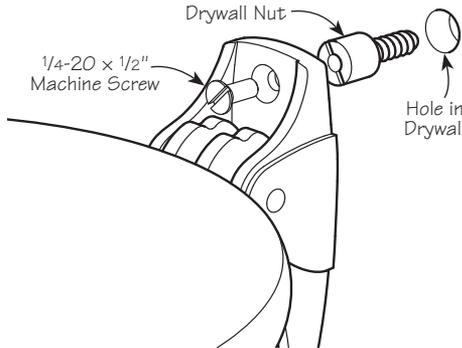


Figure 4: Mounting with drywall nuts.

Tip: Before mounting the bracket, ensure that there are no obstructions that might prevent the seat or bench from folding up properly.

Adjustment

To adjust the seat's pitch, use washers (1/4" or 6 mm) under the button-head screw below the arm. For a greater upward pitch, add a washer. For more of a downward pitch, remove the washer.

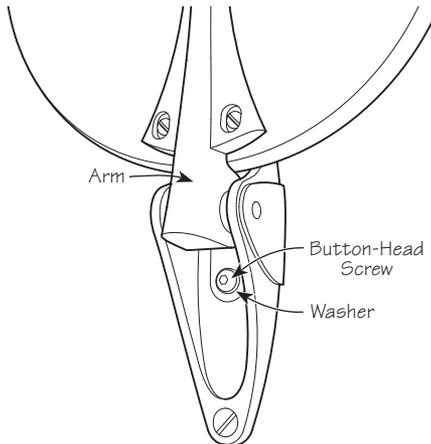


Figure 5: Adjusting the pitch with washers.

Note: The bracket does not need to be removed from the wall for adjustment.