

## Installation of Painter Rings

Brass or Stainless Steel for Wood or Composite Canoes & Small Craft

Materials needed.

3/16 Drill bit 1/8 drill bit 3/8 socket-head screwdriver Silicone Sealant Tape measure & Pencil

1. With the canoe in an upright position:

Composite Canoe Stem mounting - measure down from the deck 6" and make a mark. Wood Canoe Stem mounting – Select and remove a stem band screw about 6" below the deck Deck mounting –Measure down 5-6" in the center of the deck from the stem as appropriate.

2. Drill 3/16" hole through the canoe at the point marked.

3. Insert the screw end of the Hook-bolt in the hole and push it all the way in until the smaller end of the bolt touches the canoe directly under the hole. Mark the spot where it touches the deck or stem. This should be 9/16" from the through hole.

4. Drill 1/8" blind hole at that point. This hole should only be 1/4" deep. This hole does not have to go through the canoe.

5. Put a small amount of silicone sealant in the holes to seal them. (Any excess can be removed when finished).

6. Insert the small end of the Hook-bolt into the hole and push it until the plate washer is snug against the canoe. It is not necessary to use the plate washer if the Painter Hook is being installed into a brass stem band.

7. Inside the end of the canoe place the washer and nut on the screw end and tighten down snug using the 3/8" socket-head screwdriver. **\*\*\*CAUTION: DO NOT OVER TIGHTEN\*\*\*** Composite Canoe Stem mounting: Insert the screw end in the small wooden block provided before placing the washer and nut on the screw end. (The tapered end of the wood block is towards the end of the canoe).

8. The Hook bolt can be shortened if necessary.

Notes:

Composite Canoes: Canoes may have floatation foam or compartments in the ends; these may need to be removed to install the Painter Ring. BE SURE TO REPLACE THE FLOTATION PIECES after installation. If the floatation devices cannot be removed, install the Painter Ring through the deck.