









48 in. DOCK BENCH

INSTALLATION GUIDE

(for aluminum or wood dock)

KIT CONTENT

					
Aluminum base with finishing caps (2 x)	Stainless steel "T" Head bolt & nut 1/2" (2 x)	(for single wall aluminum dock) Stainless steel bolt & nut 1/4" x 5/8" (2 x)	(for double wall aluminum dock or wood dock) Stainless steel bolt & nut 1/4" x 2" (2 x)	Lag bolt w/ washer 3/8" x 3 1/2" (2 x)	Stainless steel screws # 10 x 1 3/4" (22 x)

REQUIRED TOOLS

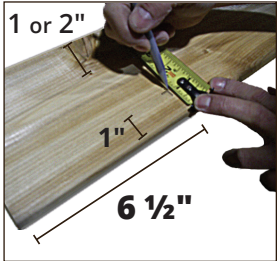
- > Tape measure
- > Saw
- > 7/16" and 9/16" wrenches
- > Cordless drill with :
 - 7/16" and 9/16" sockets
 - Phillips-headed #2
 - square end #2
- > Adjustable hand clamps

1

PREPARATION OF THE BOARDS



Cut five 5/4" x 6" boards at 47 1/2" long and sand the ends.
At 6 1/2" from both ends, mark with a cross the location of the holes at 1" from both edges except for planks #1 and #5 which require holes at 2" from their outside edge. Be sure to make precise marks for optimal board alignment.

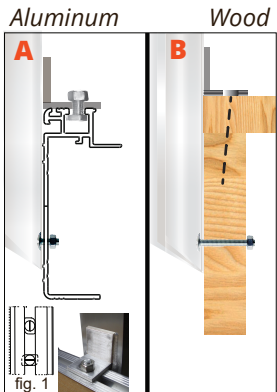


2

INSTALLATION OF THE BASES



Position the first aluminum base square to the dock and install it with the corresponding hardware:
> For an aluminum dock (A) with a track on top, use a "T" head bolt provided. Use the line at the end of the bolt shank to position the bolt before tightening the nut (fig.1).
On the side of the dock, make a 5/16" hole aligned with the opening to secure with a 1/4" x 5/8" bolt (or 1/4" x 2" if it is a double-wall dock such as model QPF-500™).
> For installation on a wood dock (B), pre-drill in the decking and side beam with a 3/16" drill bit at an angle of approximately 5 degrees. Fasten with a 3 1/2" lag bolt.
On the side, drill a 5/16" hole in the aluminum aligned with the opening and use a 1/4" x 2" bolt.
Install the second aluminum base at 35 1/2" from the first one (using outside measurements). Check the squareness by measuring at several points on the structure and tighten the bolts.



3

BOARD INSTALLATION



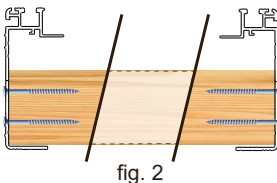
For the installation of the boards, the use of clamps will be very useful. Note that you will make your holes by drilling the wood and aluminum at the same time. Start with board #1 and position it one inch above the base upright. Make a mark on the aluminum upright to maintain this position when drilling. If you are drilling near a knot, countersink the hole to allow the screw head to penetrate.
After drilling, install your screw immediately to prevent any displacement. Repeat on the other support bracket. Add the other two screws according to your locations noted in Step 1.
Mark with pencil the location of board #2 on the two aluminum frames, 2" below the first board to make sure it is level with the first one, then drill and screw.



4

OPTIONAL REINFORCEMENT

When this bench is installed on an aluminum dock with single walls (such as the QP-427™ or QPF-495™), the addition of reinforcement under the dock can improve the rigidity of the system. To do so, connect the side of the dock where the bench is located and its opposite side by screwing a 2" x 4" piece of wood into the walls of the dock at the center of the bench. The length of this piece of wood will depend on the width of your dock (fig.2).



NOTE: The bench can support up to 300 lbs (136 kg).