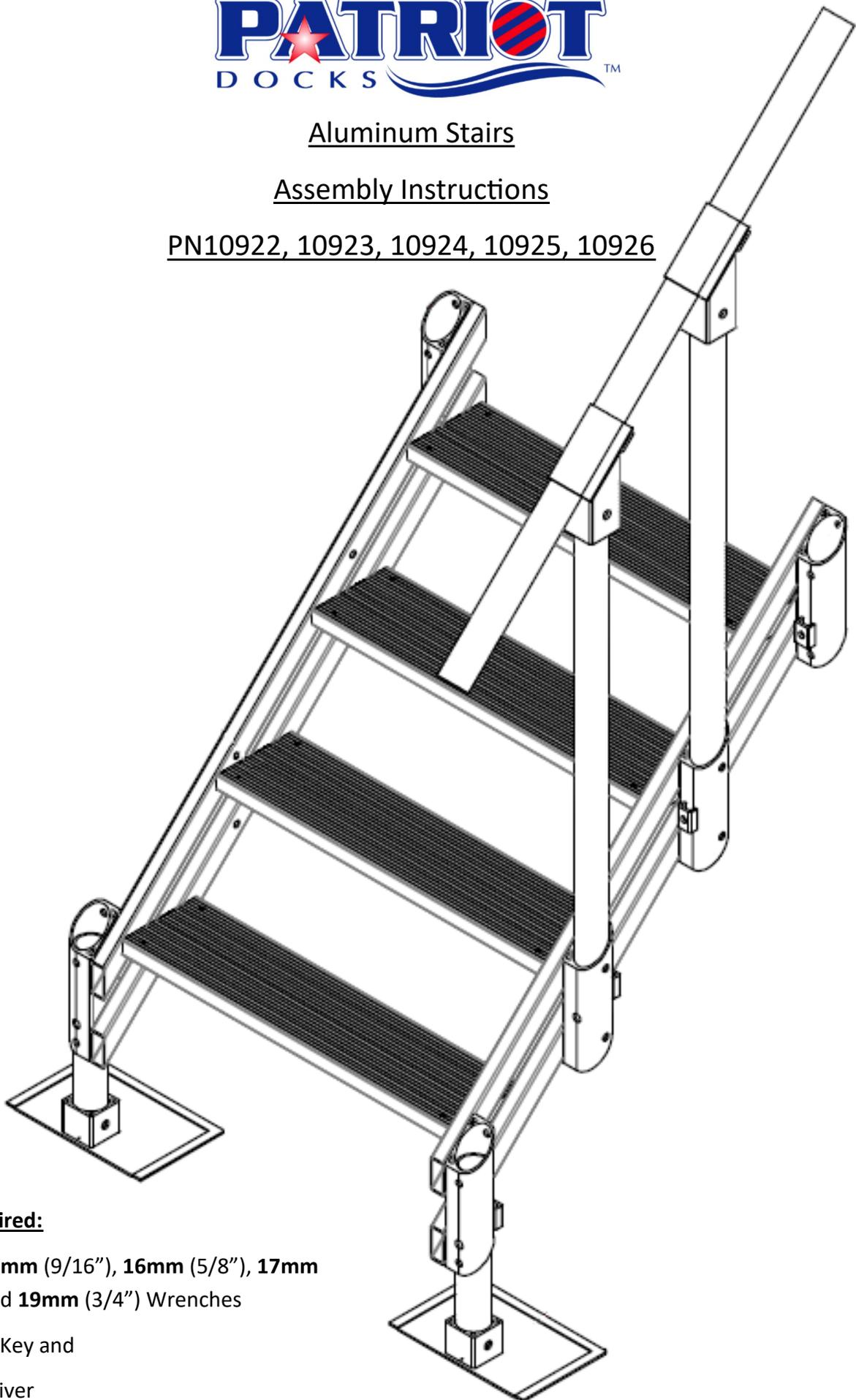




## Aluminum Stairs

### Assembly Instructions

PN10922, 10923, 10924, 10925, 10926



#### Tools Required:

- 10mm, 14mm (9/16"), 16mm (5/8"), 17mm (11/16") and 19mm (3/4") Wrenches
- 6mm Hex Key and
- Phillips Driver

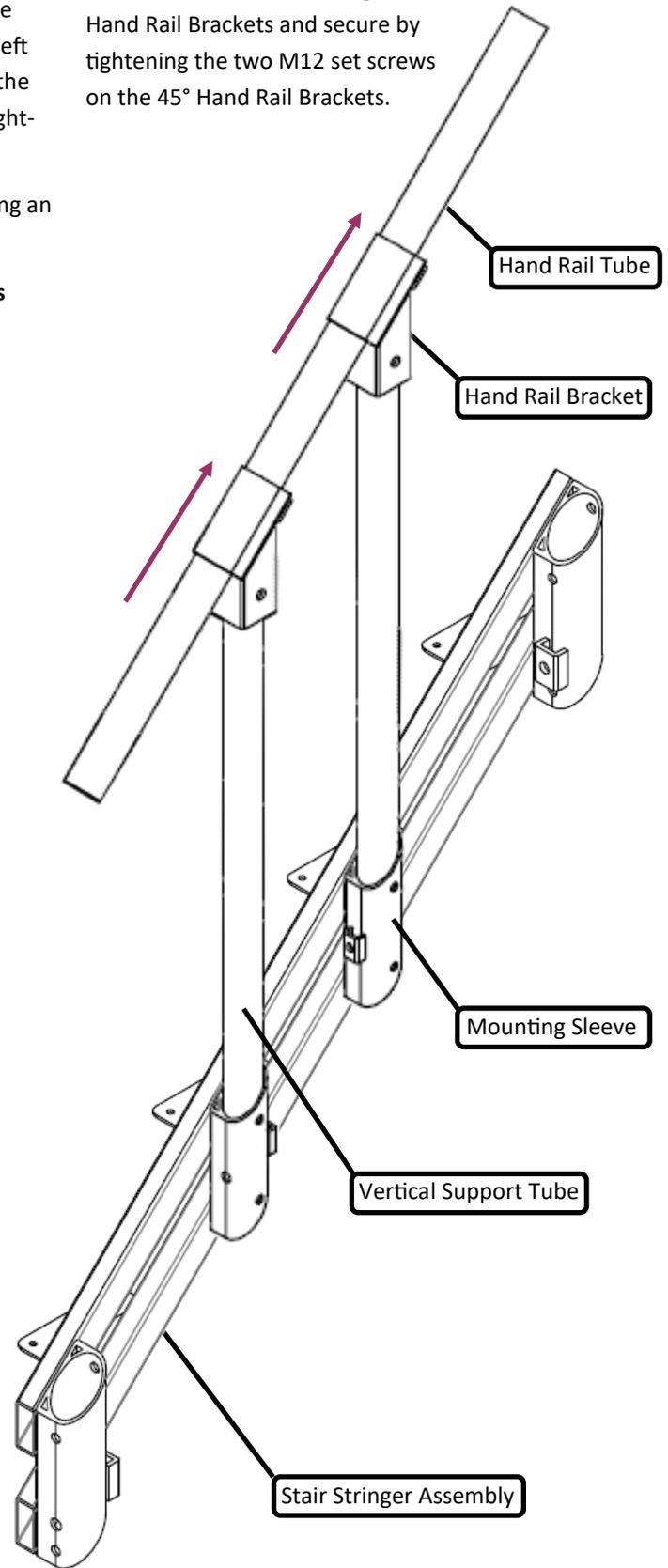
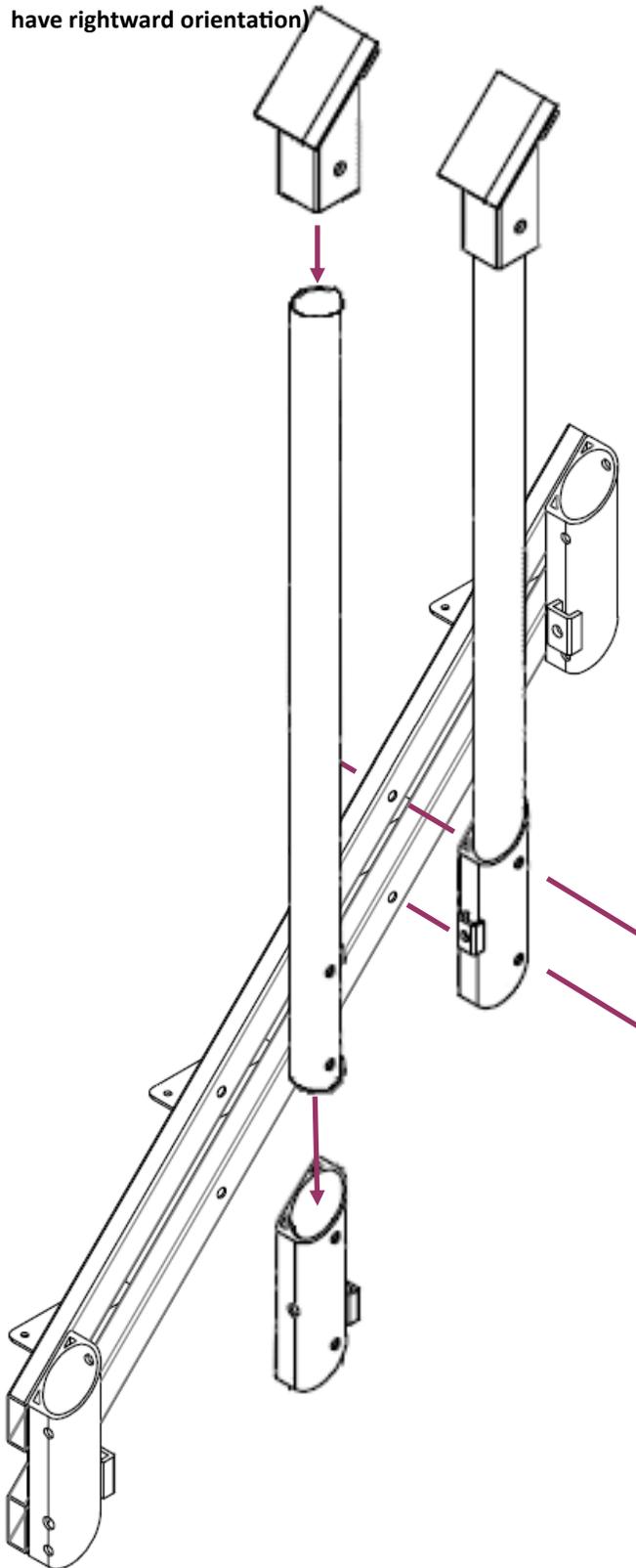
Step One: Assembling Hand Rail Vertical Supports

Insert Hand Rail Support tube (35-5/8" long) into Mounting Sleeve. Align the two mounting holes in the tube and sleeve with the mounting holes in the left or right side Stair Stringer Assembly. Use M10x90mm bolts/nuts to fasten the Hand Rail Support to the Stair Stringer Assembly. Once installed in place, tighten M12 set screws on the Handrail Mounting Brackets for a tight fit.

Mount the 45° Hand Rail Bracket to the top of the vertical support tube using an M10x60mm bolt/nut.

**Note: Handrail can be installed on the left or right Stair Stringer! (Brackets have rightward orientation)**

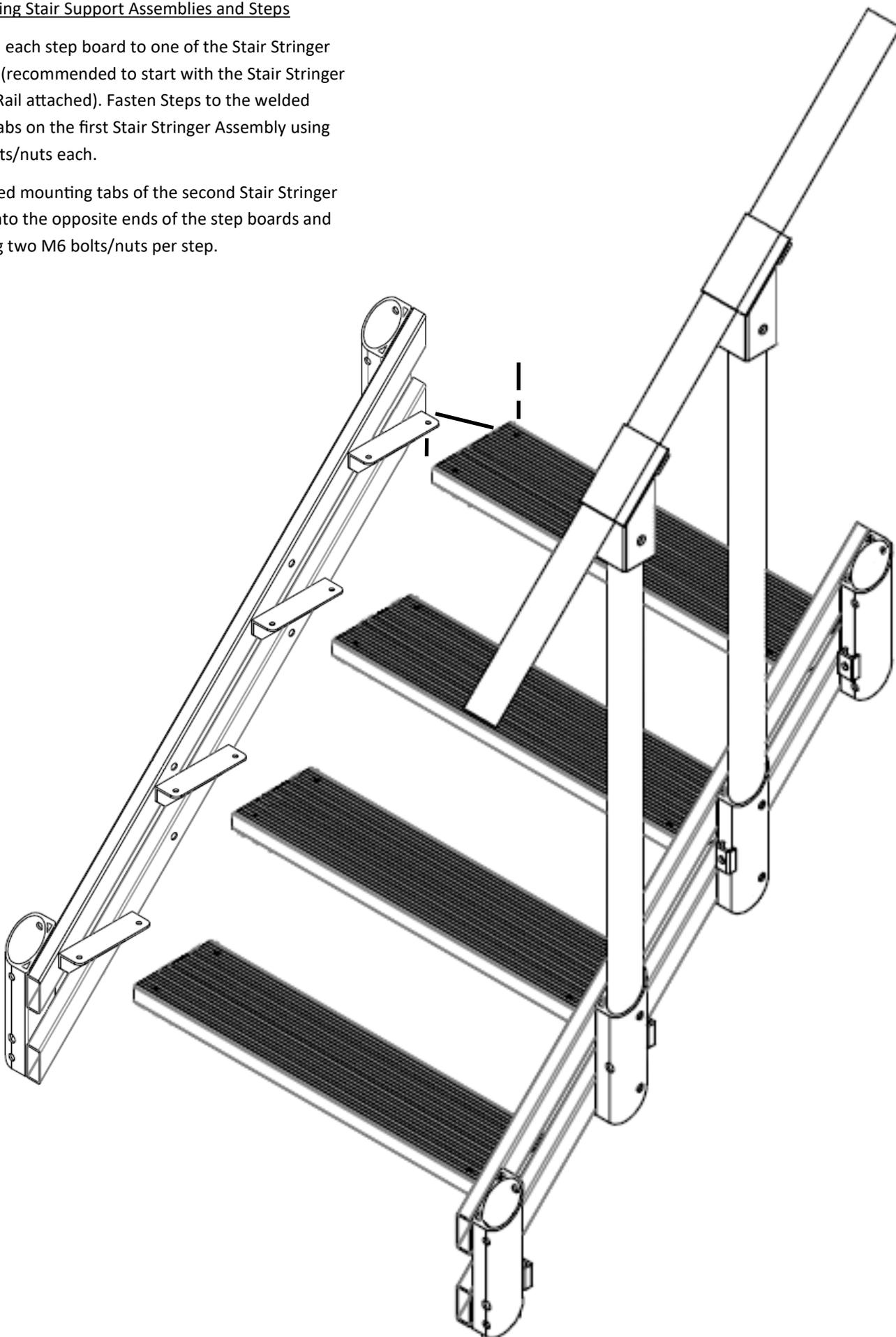
Insert Hand Rail tube through both Hand Rail Brackets and secure by tightening the two M12 set screws on the 45° Hand Rail Brackets.



## Step 2: Joining Stair Support Assemblies and Steps

First, attach each step board to one of the Stair Stringer Assemblies (recommended to start with the Stair Stringer with Hand Rail attached). Fasten Steps to the welded mounting tabs on the first Stair Stringer Assembly using two M6 bolts/nuts each.

Insert welded mounting tabs of the second Stair Stringer Assembly into the opposite ends of the step boards and fasten using two M6 bolts/nuts per step.



### Step 3: Attaching Drop Legs

Start by inserting the drop leg tube into the flat base and secure using M10x60mm bolt/nut. Next insert the drop leg tube into the drop leg sleeve on the Stair Stringer Assembly, set desired height and secure using M12 set screw.

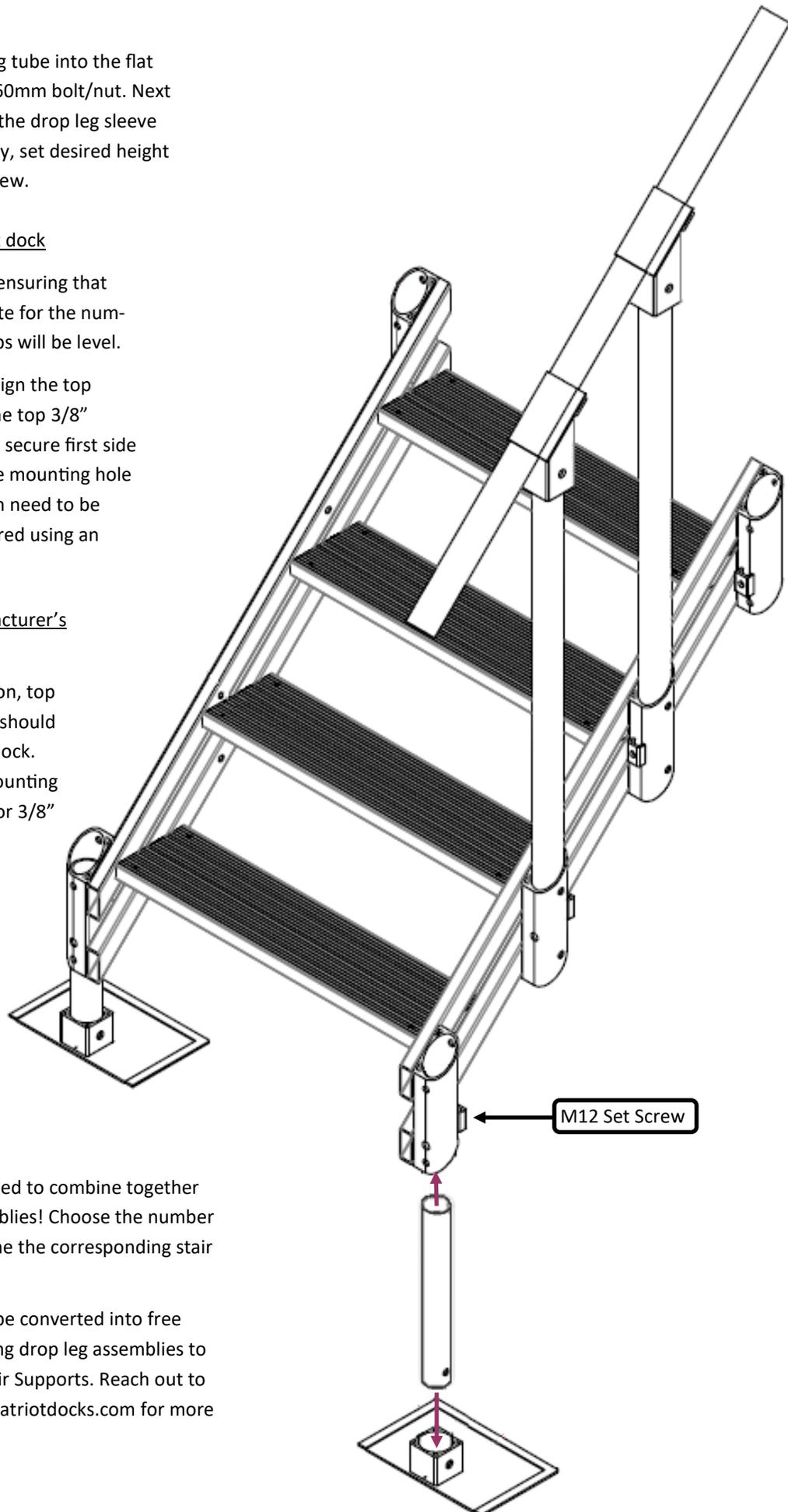
### Step 4: Mounting to a Patriot dock

Determine desired location, ensuring that the water depth is appropriate for the number of steps and that the steps will be level.

To install to a Patriot dock, align the top mounting hole with one of the top 3/8" mounting holes in the frame, secure first side with an M10x40mm bolt. The mounting hole on the opposite side will then need to be drilled in the frame and secured using an M10x40mm bolt/nut.

### Mounting to another manufacturer's pier

Align ladder in desired location, top of Stair Supports Assemblies should be flush with the top of the dock. Use lag screws or drill out mounting holes and secure using M10 or 3/8" fasteners.



The Patriot Stairs are designed to combine together to create longer stair assemblies! Choose the number of steps needed and combine the corresponding stair units.

All stair models are able to be converted into free standing stairs by adding long drop leg assemblies to the top receivers on the Stair Supports. Reach out to the manufacturer at [www.patriotdocks.com](http://www.patriotdocks.com) for more information!