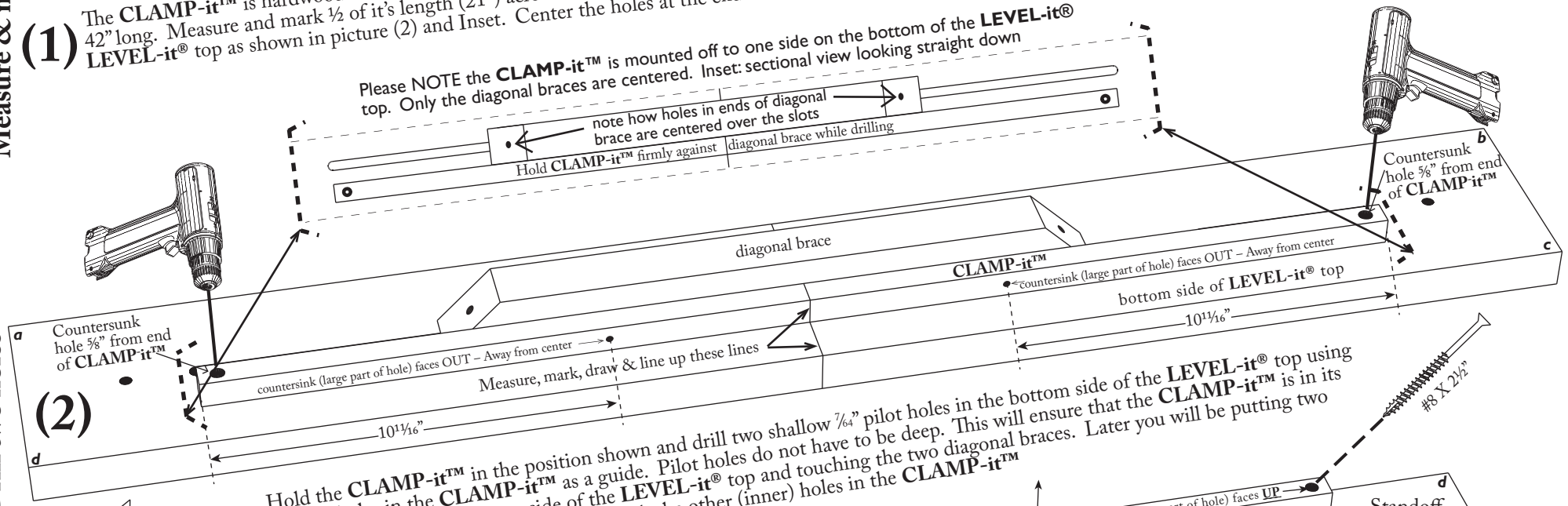
Measure & mark

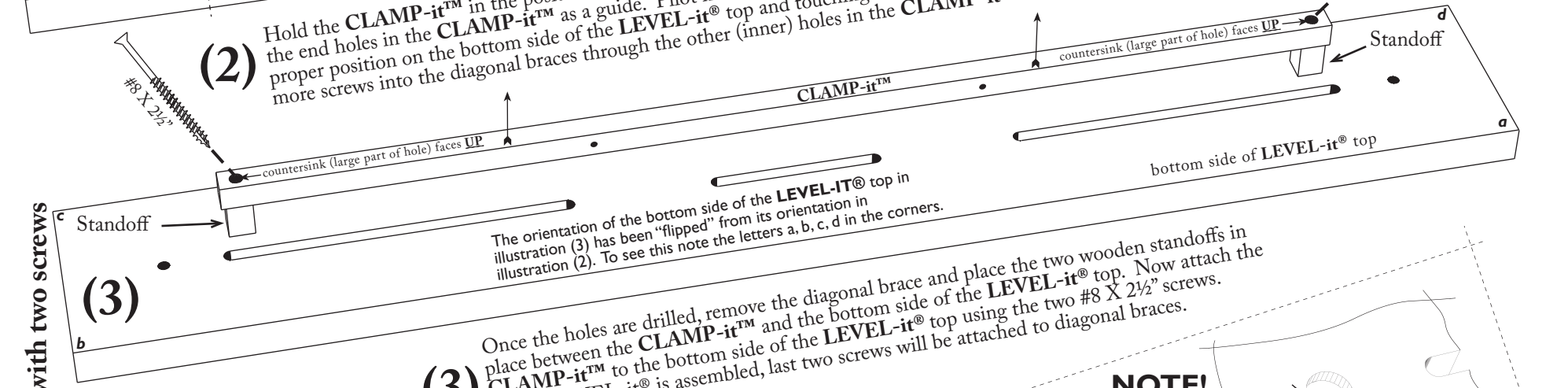
(1) The **CLAMP-it™** is hardwood that is ¾" X ¾" X 32¾" long. Measure and mark ½ of it's length (16⅜") – see picture (2). The top of the **LEVEL-it®** is 42" long. Measure and mark ½ of it's length (21") across its bottom side – see picture (2). Place one of the diagonal braces on the bottom of the **LEVEL-it®** top as shown in picture (2) and Inset. Center the holes at the ends of the diagonal brace over the long slots in the **LEVEL-it®** top.

Drill two holes



(2) Hold the **CLAMP-it™** in the position shown and drill two shallow 7/64" pilot holes in the bottom side of the **LEVEL-it®** top using the end holes in the **CLAMP-it™** as a guide. Pilot holes do not have to be deep. This will ensure that the **CLAMP-it™** is in its proper position on the bottom side of the **LEVEL-it®** top and touching the two diagonal braces. Later you will be putting two more screws into the diagonal braces through the other (inner) holes in the **CLAMP-it™**

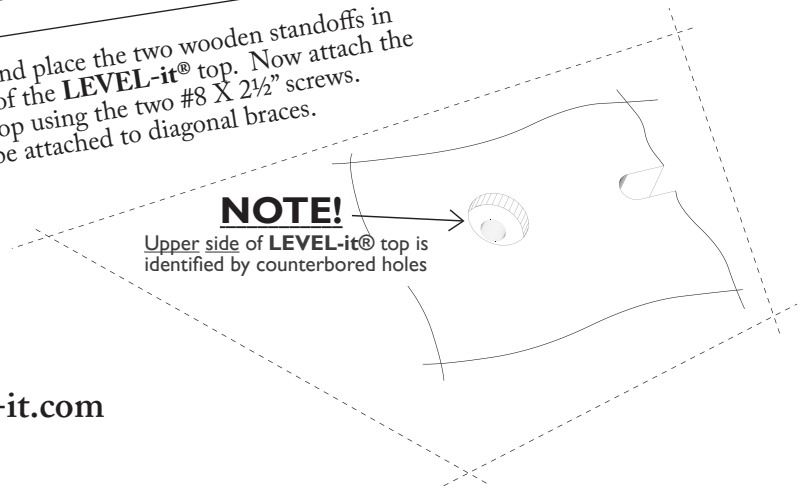
Attach with two screws



The orientation of the bottom side of the **LEVEL-IT®** top in illustration (3) has been "flipped" from its orientation in illustration (2). To see this note the letters a, b, c, d in the corners.

(3) Once the holes are drilled, remove the diagonal brace and place the two wooden standoffs in place between the **CLAMP-it™** and the bottom side of the **LEVEL-it®** top. Now attach the **CLAMP-it™** to the bottom side of the **LEVEL-it®** top using the two #8 X 2½" screws. When LEVEL-it® is assembled, last two screws will be attached to diagonal braces.

Standoffs are ¾" X ¾" X 1 1/16" pieces of hardwood with 1 1/16" hole drilled through center and along length.



Use this page to get the basic dimensions for making a **CLAMP-it™** and for mounting a **CLAMP-it™** onto a **LEVEL-it®** top that is not currently attached to a **LEVEL-it®**.

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Here is a **LEVEL-it®** with a **CLAMP-it™**. There are two pipe clamps being held in place by the **CLAMP-it™**. Those pipe clamps are holding a board against an edge of the **LEVEL-it®** top so that work can be done on the board.

What follows will show how to mount a **CLAMP-it™** on a **LEVEL-it®** that has already been assembled. The specifications, requirements and dimensions for making a **CLAMP-it™** are all on the drawings page.

Here a **LEVEL-it®** is lying upside down in preparation for the **CLAMP-it™** to be mounted to the underside of the **LEVEL-it®** top. There is a **CLAMP-it™** with two standoffs, 2-#8 X 1½" screws and 2-#8 X 2½" screws. In this instance self-drilling or auger tip screws are being used so no pre-drilling is necessary.

The **CLAMP-it™** has been placed with a standoff under each end so that the #8 X 2½" screws will go through the hole pre-drilled in each end of the **CLAMP-it™** and through the centered holes that go along the lengths of the standoffs. The **CLAMP-it™**s have also been positioned to ensure that the #8 X 1½" screws will be drilled into the diagonal braces. (see photo above)

Here the #8 X 1½" screws are about to be attached to the diagonal brace through the pre-drilled holes in the **CLAMP-it™**. When this is done the **CLAMP-it™** is ready for use.

Remove the sliding jaw from a ¾" pipe clamp and slide the pipe between the **CLAMP-it™** and the underside of the **LEVEL-it®** top as in the photo above. Then replace the sliding jaw onto the ¾" pipe clamp.

Looking down on the **LEVEL-it®** top as the sliding jaw is being replaced onto the pipe clamp should look about like this photo.

Here is a **LEVEL-it®** with a **CLAMP-it™**. There are two pipe clamps being held in place by the **CLAMP-it™**. Those pipe clamps are holding a board against an edge of the **LEVEL-it®** top so that work can be done on the board.

Any number of pipe clamps can be used. Since each pipe clamp operates independently, objects of varying sizes and dimensions can be clamped to the edge of the **LEVEL-it®** top.

Here is an irregularly shaped object clamped to the edge of a **LEVEL-it®** top with two pipe clamps.

Using **CLAMP-it™**

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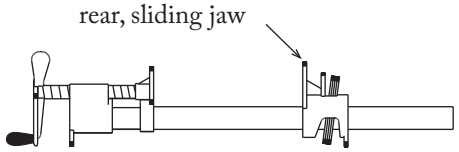
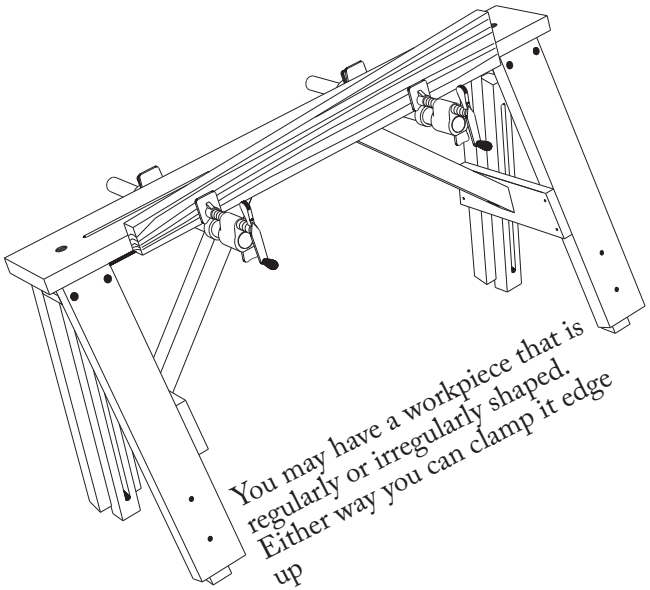
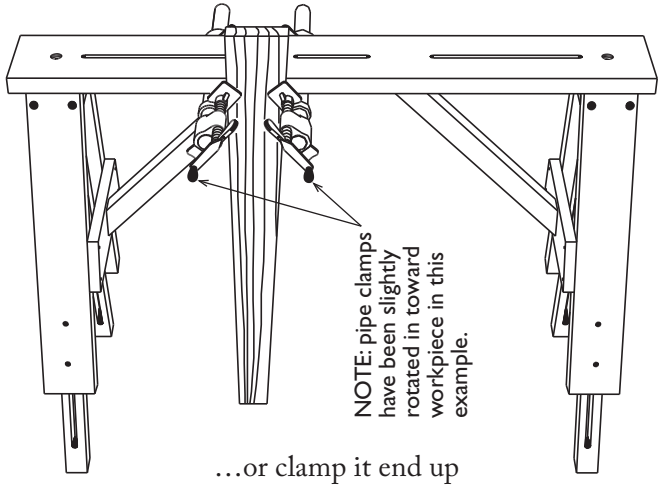
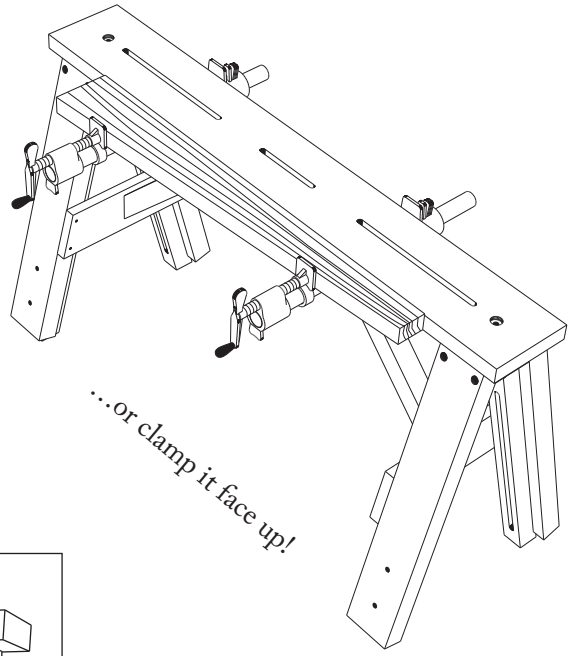


Standard ¾" Pipe Clamp with 18" pipe

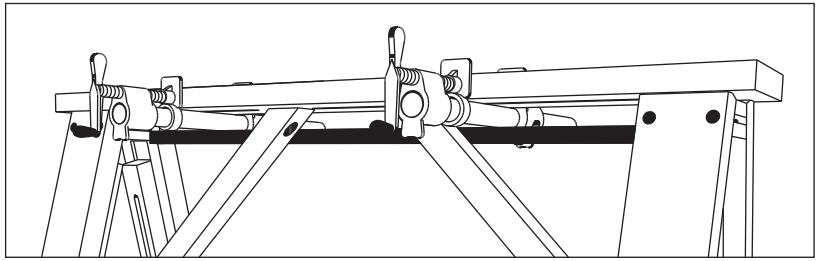


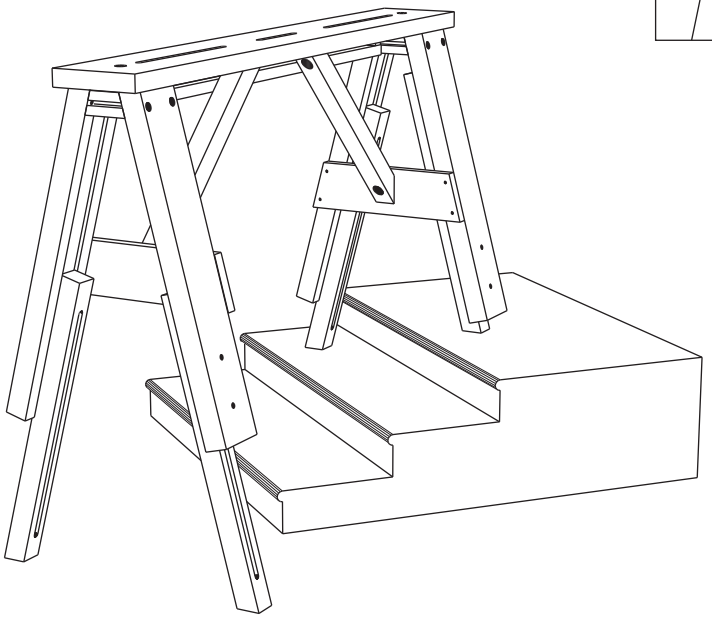


…or clamp it end up



Remove rear, sliding jaw. Slide pipe between bottom side of **LEVEL-it®** top and **CLAMP-it™**. Replace rear, sliding jaw.





Independently and Continuously adjustable legs

You can adjust each leg of your **LEVEL-it®** independently of the other three. Each leg is also continuously adjustable to compensate for uneven surfaces of all kinds. The example shown may seem extreme, but it is easily possible with your **LEVEL-it®**. Uneven floors, small hills, or even fitting your **LEVEL-it®** over an obstacle – all are simple and quick to handle. As always, please work safely when using your **LEVEL-it®**.

Fastest Way to level a **LEVEL-it®**:
1- Adjust all legs to approximate desired height.
2- Place bubble level along length of **LEVEL-it®** top and raise or lower one end of **LEVEL-it®** to make it level along the length and to refine the overall height.
3- Pivot bubble level 90° so that it is now reading the level across the width of the **LEVEL-it®** top. Adjust legs on one side accordingly to make **LEVEL-it®** level and to refine the overall height.