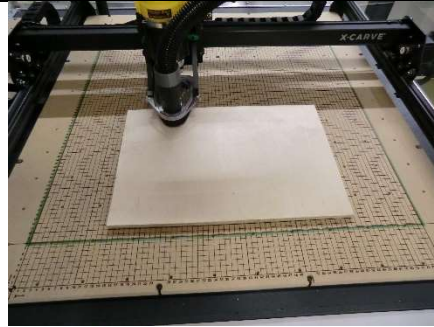


## X-Carve – Clamping Material into Position

### Step 1: Insert and position your material

- Position your material on the bed of the X-Carve.
- The area to be cut must be within the green square on the X-Carve bed.



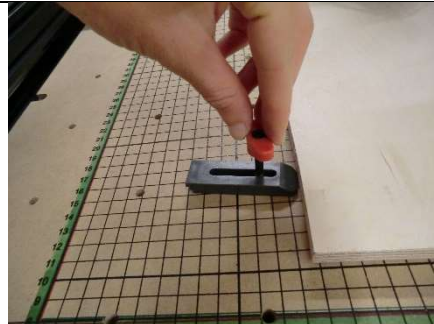
### Step 2: Collect the materials for each clamp

- Each clamp uses a screw, a step, and a bridge.
- Steps come in two different heights, and bridges come in various lengths. Find the combination that works for the thickness of your material and the clamping location you have in mind.
- You will use however many clamps are needed to hold your material firm, usually at least four of them.



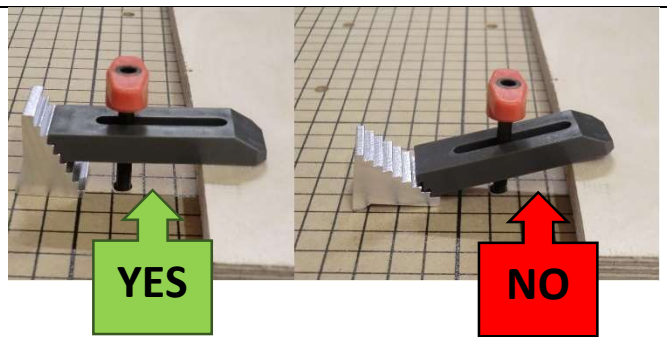
### Step 3: Start the screw

- Slide the screw through the slot on the bridge, and twist the screw into its hole a few turns.



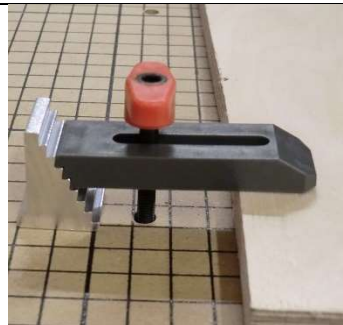
### Step 4: Position the step

- With the flat side of the step down, place it behind the bridge.
- Mate the teeth on the bridge with the teeth on the step so that the bridge is level with the surface of the material rather than at an angle.
- The first picture shows a properly positioned clamp, the second shows the step in the wrong orientation and the bridge at an angle rather than flat.



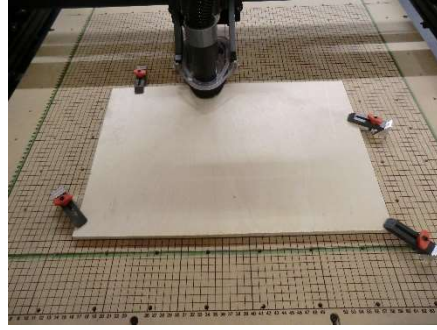
### Step 5: Tighten the screw

- Tighten the screw down firmly to hold the clamp securely in place.



**Step 6: Repeat with the remaining clamps**

- Follow steps 2-5 to position and tighten the remaining clamps.
- Generally speaking, you want to come as close as possible to having one clamp per corner of the material as your cutting design will allow.

**Step 7: Check your work**

- Double check that none of your clamps are in the path of your design. Re-position them as needed.
- Clamps can be positioned at an angle to help keep the clamps out of the cutting path.

