



## BENCH HOOK & C-CLAMP

### ARE YOU WEARING THE RIGHT SAFETY EQUIPMENT?

Bench hooks and clamps are used with cutting tools.

**Goggles should always be worn** when working with any tools that will create dust or cause small particles that can get into your eyes.

### DO YOU HAVE THE RIGHT TOOLS?

When securing the C-clamp take care tightening the handle. The **fixed jaw** and the **movable jaw** should make as much contact on the surfaces of where you are attaching it to. Sometimes, desks at school might not have enough space or edge to attach it really well.

### WILL YOU BE SAFE IF YOU START WORKING?

If the clamp and the bench hook are secured properly,

cutting basswood and dowels is very safe and easy. Make sure that there is **enough space to work**. You'll be using your whole arm each time you saw back and forth. The area around where you are working should be clear of books and **tidy**.

## WHAT IS THE CORRECT WAY TO USE THE TOOL?

### BENCH HOOK

1. **Find a flat surface**, like a table, to work on. Make sure the table has some space underneath its top where clamps can be attached.
2. Place your double-sided bench hook on the table, with the **1 cm channel facing away from you**.
3. **Use a C-clamp to secure the bench hook** in place. This prevents the bench hook from moving around while you work. Refer to the C-clamp instructions for details on how to use it effectively.
4. If you're cutting thin pieces like basswood strips, **slide them into the 1 cm channel**. This will hold them securely while you work.
5. **Hold the other end of the piece you're cutting with your other hand**. This way, it stays steady against the bench hook.
6. Now you can cut without worrying about the piece

moving around. The bench hook's channel will keep it in place.

7. Be cautious of your fingers and the sharp tools. **Keep your fingers away from where you're cutting.**
8. Once you're done, you can take your piece out of the bench hook's channel.
9. Be mindful not to cut beyond the thickness of whatever you're cutting.

## C-CLAMP

1. **Find a flat surface**, like a table, where you want to work. Ensure the table has enough space underneath it for the clamp to attach securely.
2. Hold the C-clamp in your hands. For best results, **place the handle beneath the clamp** to benefit from gravity while tightening.
3. Put the open end of the C-clamp over the materials you wish to hold together.
4. Slowly **turn the handle clockwise** to close the C-clamp. Make sure it's snug, avoid over-tightening.
5. **Confirm** that the C-clamp is holding the materials together firmly. This prevents them from moving during your work.
6. Be cautious of sharp edges and your fingers.

**Keep your hands away from the clamped area** to prevent accidents.

7. Once your work is complete, turn the handle counterclockwise to open the C-clamp and release the materials.
8. If you're concerned about the C-clamp damaging a surface, place a piece of scrap material in between. This will help protect the surface from any potential damage.