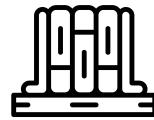


MakerSpace



Laser Engraved Bookends

Follow the steps below to make your own laser engraved bookend!
This is an intermediate activity for ages 13 and above.

Supplies:

- Basswood
- *Canva
- Wood glue
- Creativity & Fun

Step 1: Design the bookend



TUTORIALS & TEMPLATES

Laser Cutter tutorials and templates

- Coming Soon!
- Designing links
- Inkscape (not affiliated with the Cedar Park Public Library)

Templates

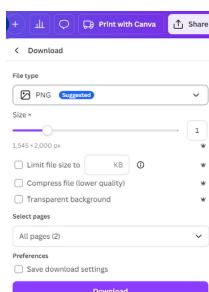
- Laser Cut Bookmark Template (2.0" x 6.0" in Canva)
- Laser Cut Succulents Template (1080px x 1080px in Canva)
- Laser Cut Keychain Template (1.5" x 2.0" in Canva)



Go to the CPPL Makerspace site and make a copy of the Laser Engraved Bookend file (on laser cutter page). You will need a Canva account.

Title your design with your name. Add black & white designs & text onto the bookend.

Step 2: Export the file



Click Share.
Choose to download as a PNG>



Go to picsvg.com. Upload your file. Change the setting to your favorite and download.



We will upload your new file to a USB. Please do not leave until we have yours saved. Title yours with your first and last name and bookend.

Then proceed to the laser engraver when called upon for the next step.

Use wood glue to glue bookends together. Hold in place with tape until dry.



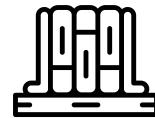
cpplmakerspace@cedarparktexas.gov



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Drop-in Laser Bookends

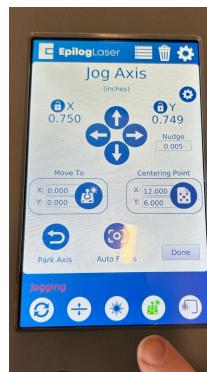
Follow the steps below while using the laser cutting and engraving machine

Step 1: Prep the materials



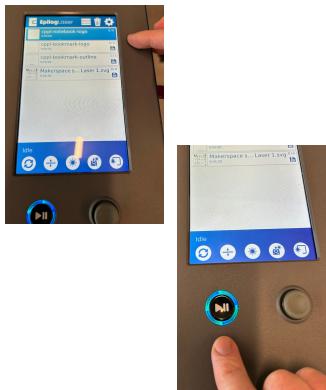
Open laser lid.
Place material
piece against top
left corner. You
may need to tape.

Step 2: Focus the laser



On screen, click on
4th button. Move
joystick so red dot is
over where you're
cutting

Step 3: Engraving/Cutting



Click on the 3
lines. Then, click
on
“[NameMap]”.
Press the play
button.



Click on
autofocus.
Then, press
done when it
is complete



**Watch the laser to ensure it is cutting
safely. When it finishes, it will beep.
Open the lid and remove items.**



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