

M a k e r S p a c e



Laser Cut Jewelry

Follow the steps below to make your own laser cut jewelry!
This is an intermediate activity for ages 18 and above.

Supplies:

- Basswood, leather, acrylic
- Jewelry parts
- Laser Engraver/Cutter
- Inkscape
- *Paint (if choose wood)

Step 1: Choose Design/Product

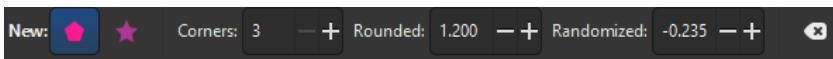
Open up the Inkscape document:

New Document

1. Click → New Document
2. Choose to make a bracelet or 2 earrings (will only design one & will duplicate).



Step 2: Create shape

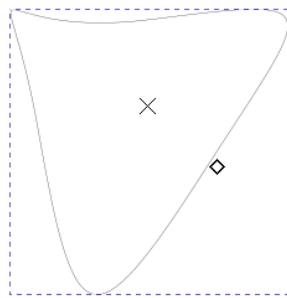


Use your shape tools

on the left side:

rectangle, ellipse,
star/polygon.

To edit, click on tool
and drag across white
space. Use bar across
the top to edit shape.



Step 3: Finish shape

Use arrow tool to

select shape.



In properties box,

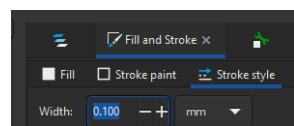
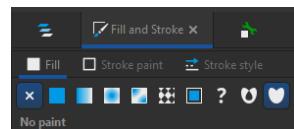
choose no fill.

If choosing to cut
shape, set stroke

style width to

0.100mm.

Text & interior
engraving = 0.5
mm, fill black



Continue to add text (set width to 0.5 mm).
Add circle (0.1 mm) for any needed holes.



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Laser Cut Jewelry

Follow the steps below to make your own coaster or ornament!
This is an intermediate activity for ages 18 and above.

Supplies:

- Basswood, leather, acrylic
- Jewelry parts
- Laser Engraver/Cutter
- Inkscape
- *Paint (if choose wood)

Step 1: Choose Material

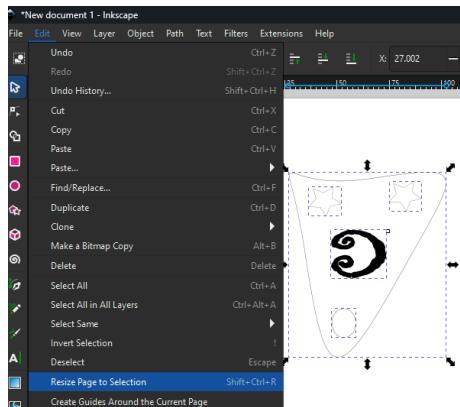
Choose one of the following options to create:

1. Leather
2. Wood
3. Acrylic



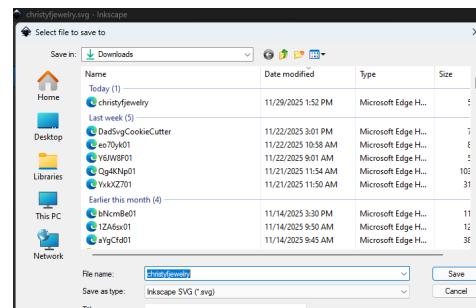
Step 2: Finalize design

Select everything in your design (1 earring/bracelet). Click Edit → Resize page to selection.
*Ensure that all objects have correct settings.



Step 3: Save design

Click File → Save
As: First name last initial jewelry. Ex: Christy F jewelry.



Wait for your design to be saved on a USB.
Assemble your design once engraved/cut.



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Drop-in Laser Jewelry

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

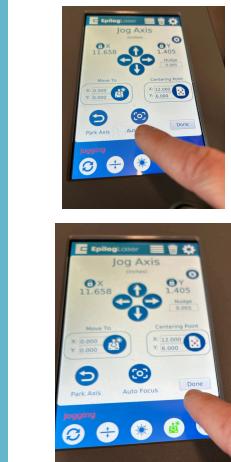


On screen, click on
4th button. Move
joystick so red dot is
over where you're
cutting

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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