


LASER CUT A BOOKMARK


In this tutorial we will design a bookmark in Inkscape  and then produce it using a Laser Cutter.

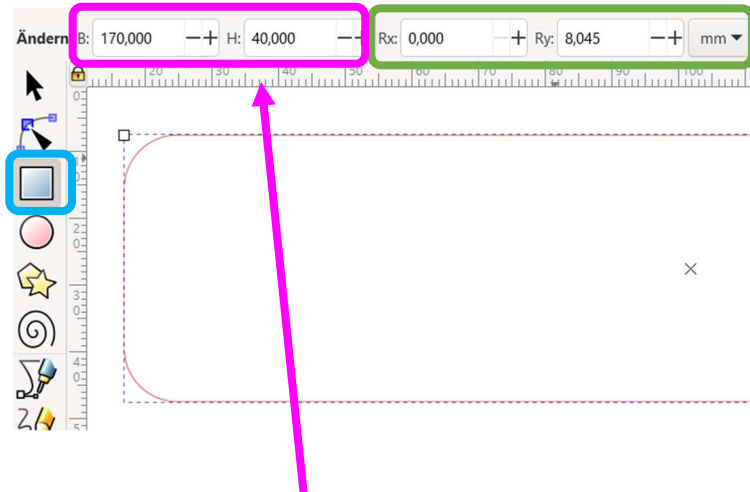



In the vector based drawing program Inkscape you will first draw your 2D design.



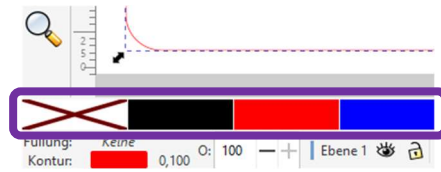
The Laser Cutter can then engrave and cut your bookmark from paper.




- 1) Create an outline for your bookmark. Click on the  square tool in the left toolbar and draw a square by keeping the left mouse button pressed and dragging it across the workspace.





- 2) You can define the **dimensions** of your bookmark by typing the desired width and height into the designated fields (B = width and H = height). You could designate **B = 170 mm und H = 40 mm**, or any other dimension you like.
- 3) The square can also have rounded corners – you can change the **radius** by adding to the values **Rx** und **Ry**. If you don't want rounded corners, leave the value at 0.
- 4) To adjust the zoom level to an overview of your drawing, press . This helps if you ever get lost!

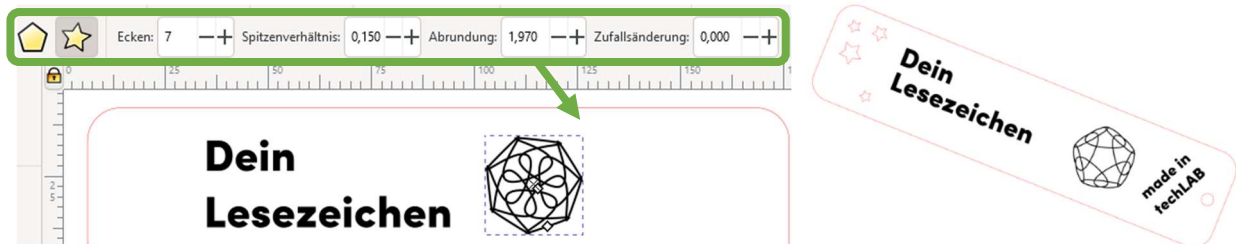
- 5) The Laser Cutter **engraves black areas** and **cuts red lines**. You can use the **colour-palette** below the drawing area to change the colour of the fill ("Füllung") and stroke ("Kontur").





- 6) To define a **cutting line**, make sure it is not filled by selecting the  - block.
- 7) Change the stroke colour to read, by keeping the  - key pressed while clicking on the -block.
- 8) **Cutting lines** must have a *stroke width* $\leq 0,1$ mm. Right-click on the number to the right of the stroke color and change the width to **0,1 mm**.
- 9) Add any text you want to your bookmark—for example your name. Select the **A** text tool from the bar on the left and click into the shape you made before to type.
- 10) The **font** and the **letter size** you can change in the left top menu.



- 11) If you want your bookmark to have any other decorations, you might try the  or  tools to create holes, stars or abstract shapes!



- 12) You can arrange your text and shapes on the bookmark by first selecting the  select tool and then moving it with the  arrow keys on the keyboard.

DONE! Ask an explainer for help!