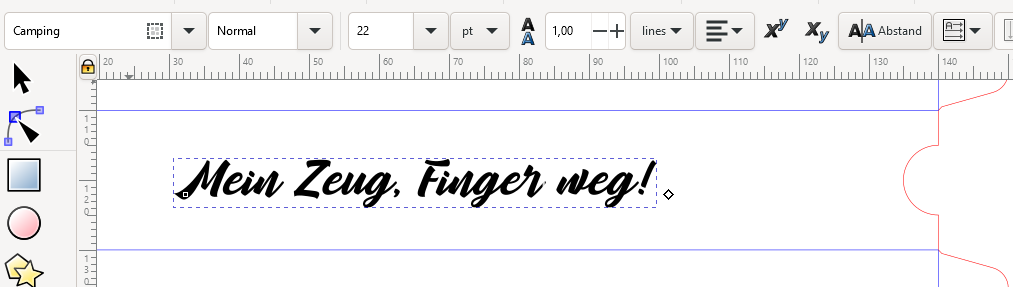
LaserCutting a Folding box

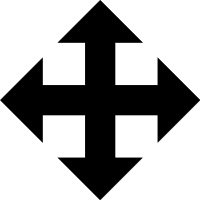


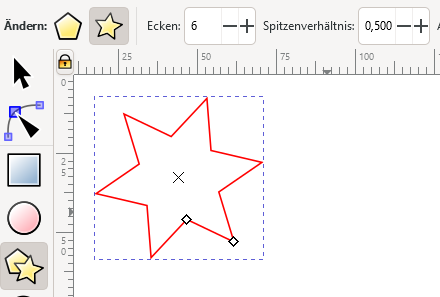
These instructions will show you how to design a personalised folding box using the program **Inkscape**. You can then cut out your box using the laser cutter!



1. You can see the draft of the box on the screen. Everything you draw on the box in black will be engraved by the laser cutter. This will look like the train and the writing on the box in the picture above.
2. Add any text you want to your box – for example your name. Select the  text tool from the bar on the left and click into the shape of your box before to type.
3. You can change the font and letter size in the top left menu.



1. If you want to **move object** or **change the size**, choose the  **arrow-tool** first. Move the object with the  cross or change the size with on of the  diagonal arrows.
2. If you click onto the object once more, the round arrows in the corners can be used to rotate the object.
3. Now you can add more shapes to your sticker. The  **Star- and Polygon-Tool** are the best shapes for a sticker**.** You can try out different values for the settings „**Ecken**“ (=corners) und „**Spitzenverhältnis**“ (=Spoke ratio).



1. To define a cutting line, make sure it is not filled by selecting the  - block.
2. Change the stroke colour to read, by keeping the Ein Bild, das Text, Monitor enthält.

   Automatisch generierte Beschreibung - key pressed while clicking on the ![Ein Bild, das rot, Screenshot enthält.

   Automatisch generierte Beschreibung](data:image/png;base64,iVBORw0KGgoAAAANSUhEUgAAANIAAAA8CAYAAAAT1+SwAAAAAXNSR0IArs4c6QAAAARnQU1BAACxjwv8YQUAAAAJcEhZcwAADsMAAA7DAcdvqGQAAADMSURBVHhe7dMxEYBAEATBA1X4j3AFH6CAn7C7NlgDczwza8Bf91xzfh/YICQICAkCQoKAkCAgJAgICQJCgoCQICAkCAgJAkKCgJAgICQICAkCQoKAkCAgJAgICQJCgoCQICAkCAgJAkKCgJAgICQICAkCQoKAkCAgJAgICQJCgoCQICAkCAgJAkKCgJAgICQICAkCQoKAkCAgJAgICQJCgoCQICAkCAgJAkKCgJAgICQICAkCQoKAkCAgJAgICQJCgoCQICAkCAgJts28nCADdvbAzY8AAAAASUVORK5CYII=)-block.
3. Cutting lines must have a *stroke width* **≤**0,1 mm. Right-click on the number to the right of the stroke color and change the width to 0,1 mm



1. If you want tot engrave the line it has to be black! Change the stroke colour to black and the width to ≥0,25 mm.

**DONE! Ask for help to cut out the box😊**

Ein Bild, das Text, Diagramm, Schrift, Reihe enthält.

Automatisch generierte Beschreibung