

# shortcut

Geben Sie Ihren Plänen eine Form

## Instructions for creating spraying, drawing, painting, or other stencils

When creating a drawing for the production of a stencil, whether milled or lasered, you should pay attention to the following:

***Files for stencil making are always vector graphics (Autocad®, Adobe Illustrator®, CorelDRAW®, etc.) !***

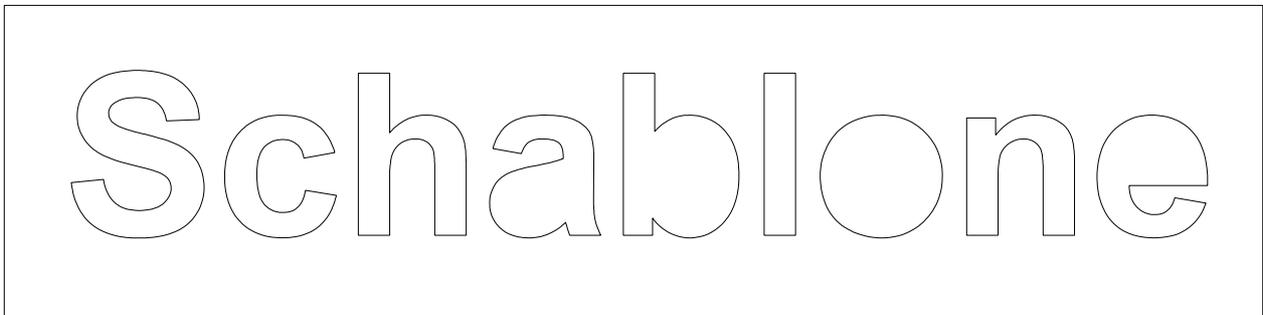
### Text stencils

If you would like to have a text stencil produced, all inner parts (red marking) would arise as loose individual parts when cutting out 'normal' fonts.

For example with

**A, B, D, O, P, Q, R, a, b,...**

The template would look like this.

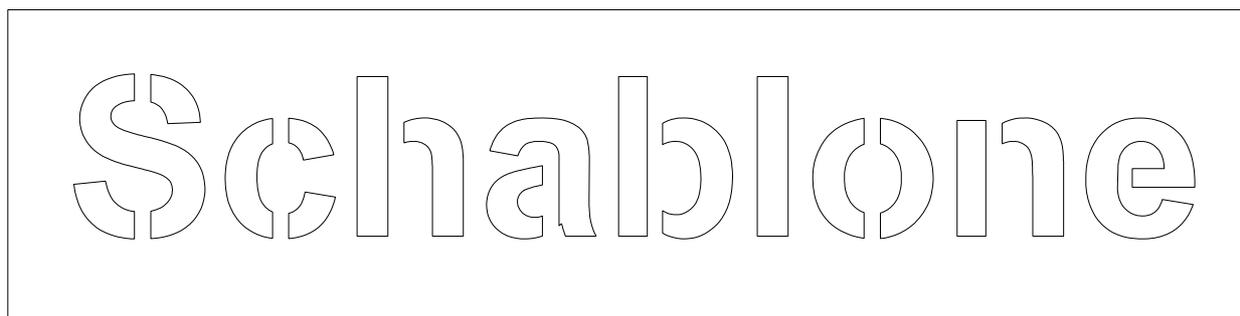


To prevent this, the easiest way is to use a so-called stencil font

Example / Stencil font

**A, B, D, O, P, Q, R, a, b,...**

The result then looks like this, for example:



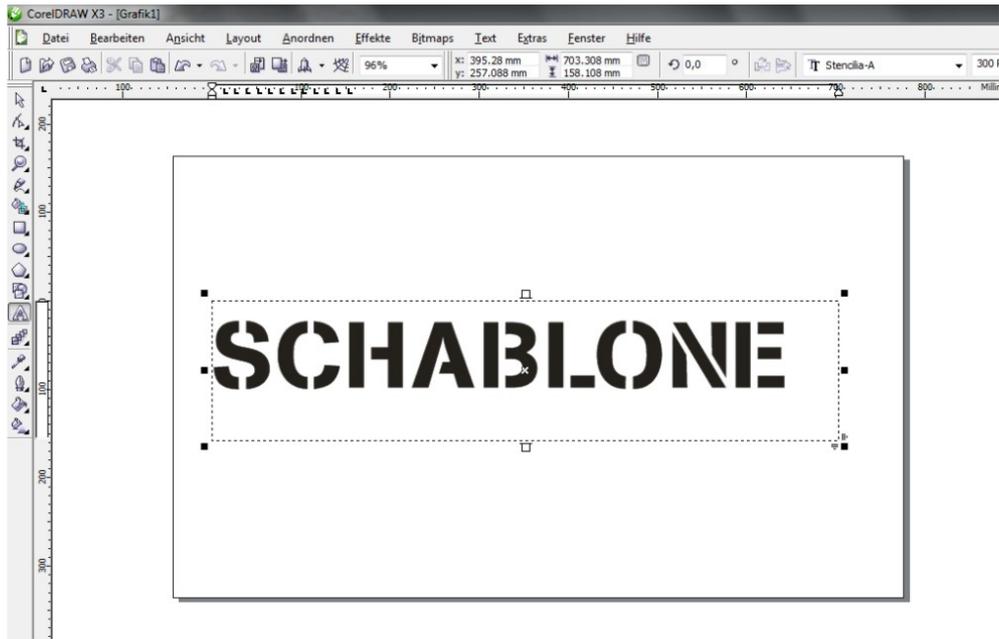
Here, the inner islands are connected by bars with the stencil and thus prevent the fall out. Stencil fonts can be found on the Internet, on appropriate sites (free Stencil, etc.), for download.

If you do not find what you are looking for, they would have to construct their own stencil font.

To do this, use a font of your choice and convert it, as described here below, then please read on under **freeform stencils**, how to insert the necessary bars.

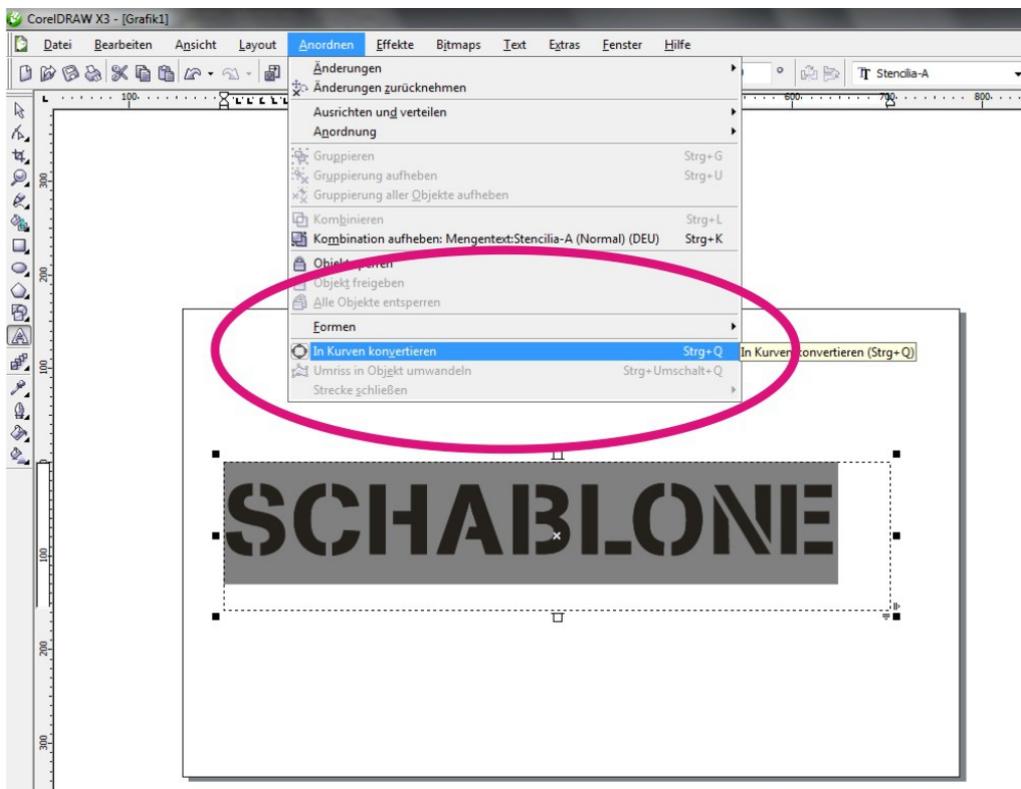
Since fonts contain text attributes (which can cause the font type to be replaced by another when it is passed) the font must be converted to a graphic. To do this, you need to convert your text to 'paths' or 'curves'.

To do this, place your text in a vector-based graphics program, such as *Adobe Illustrator®* or *CorelDRAW®*.



Now convert it to paths or curves

(Adobe Illustrator®, CS3): Select text; then 'Font'; then 'Convert to paths',  
(CoreDRAW®, X3): Select text; then 'Arrange'; then 'Convert to curves'.



Remove any text fill and set the line width to hairline for Corel DRAW® or 0.25Pt. in Adobe Illustrator® so that you end up with only one outline.



Draw a graphic frame of the desired size as the outer edge of the outer edge of your template.

The workspace you have created is not sufficient, because it is not displayed in some programs when you open it.



Save your file in *CorelDRAW® (X3)* as a CRD format. If you created the file in Adobe Illustrator®, save the drawing as a PDF.

In the mail or drawing, send us **a** measurement of your outer edge in millimeters that we need as a reference dimension.

Done!

### **Cecklist:**

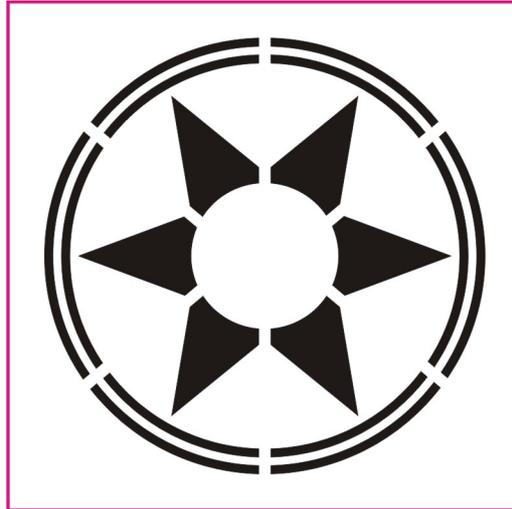
- Converted to paths or curves
- Filling removed
- Possible ridges inserted
- Outer frame drawn
- Line width (*hairlines or 0.25Pt.*)
- Reference dimension inserted

## Freeform templates

Explained here using the example of *Core/DRAW®(X3)*

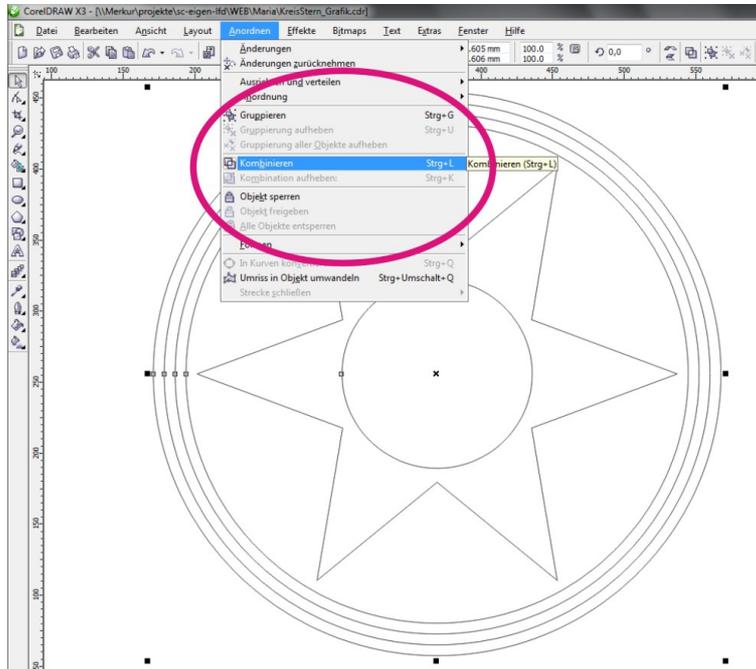
In order to create a freeform stencil, it is important to provide the created islands with bars. Without the joins, the islands would fall out and the stencil would not be complete.

Example:

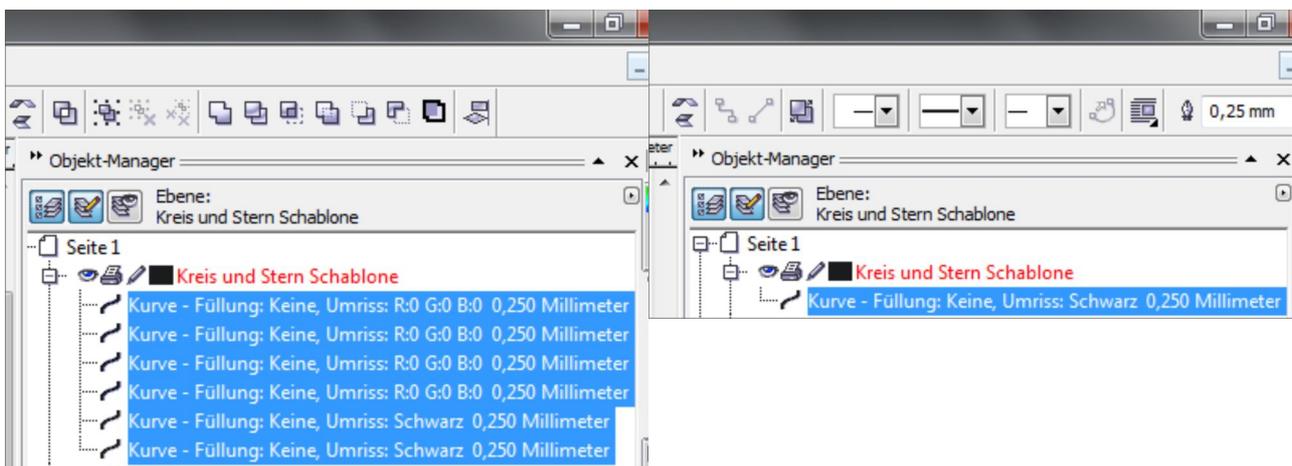


Again, you must first convert the graphic to curves, then remove the fill and set the line width to 'Hairline'. See below.

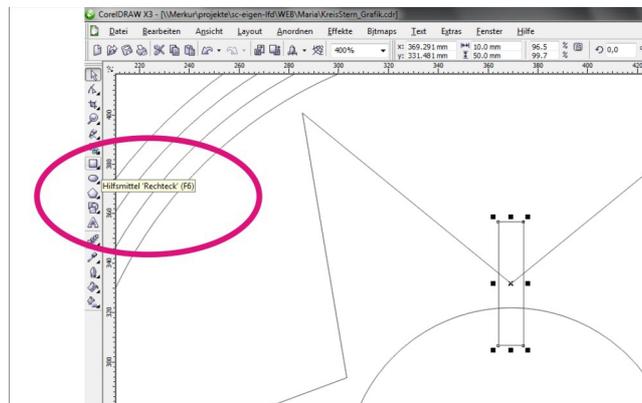
Once you have converted your graphic to curves, you should combine the elements of the template. In the top options bar you will find the 'arrange' tab. Now go to the "combine" field. If the elements are still grouped, please ungroup them. Combination is not possible otherwise.



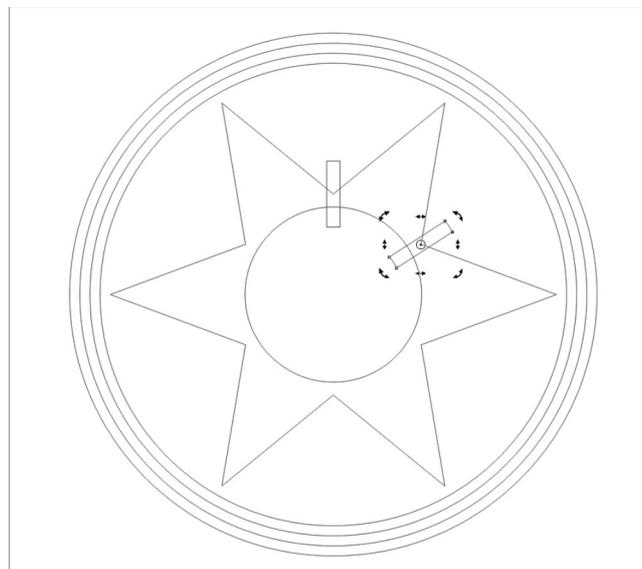
You can check if all curves are combined by checking the Object Manager. All layers are listed in the Object Manager.



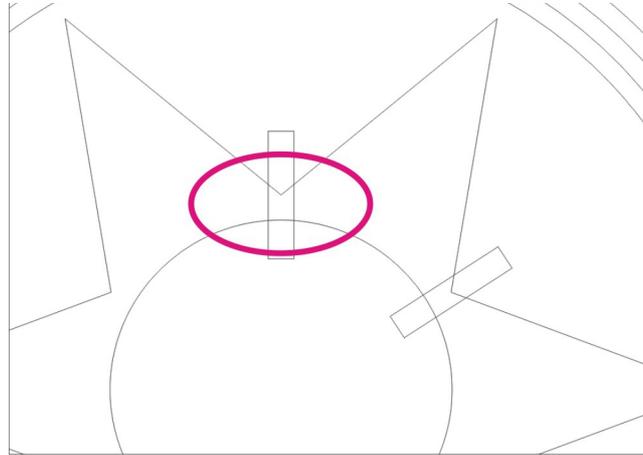
Now draw a rectangle (the future connecting bar) and move it to the desired position.



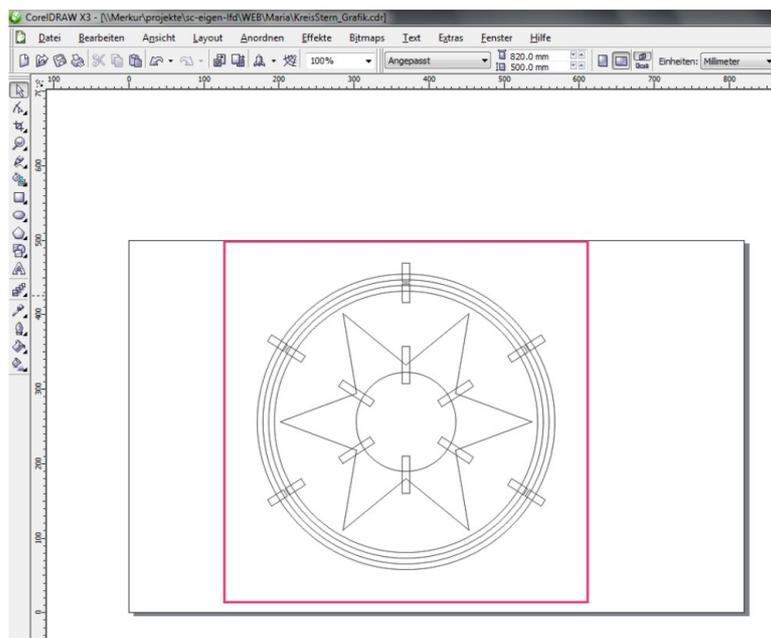
It can be positioned precisely by turning and/or sliding it.



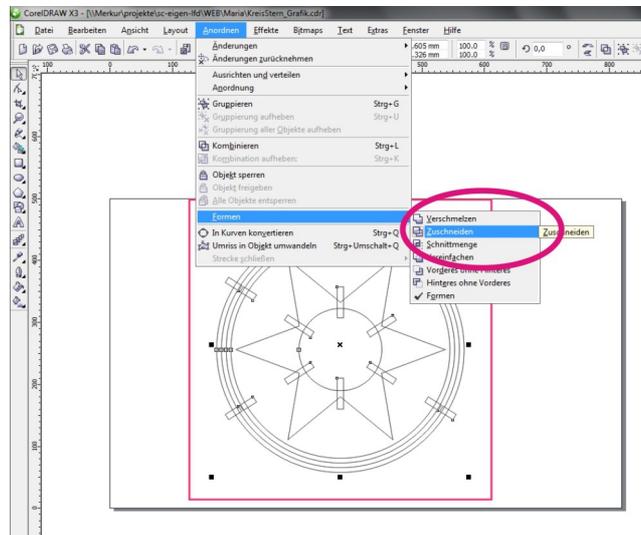
The rectangle must at least touch both original contours (island and template), better yet overlay them.



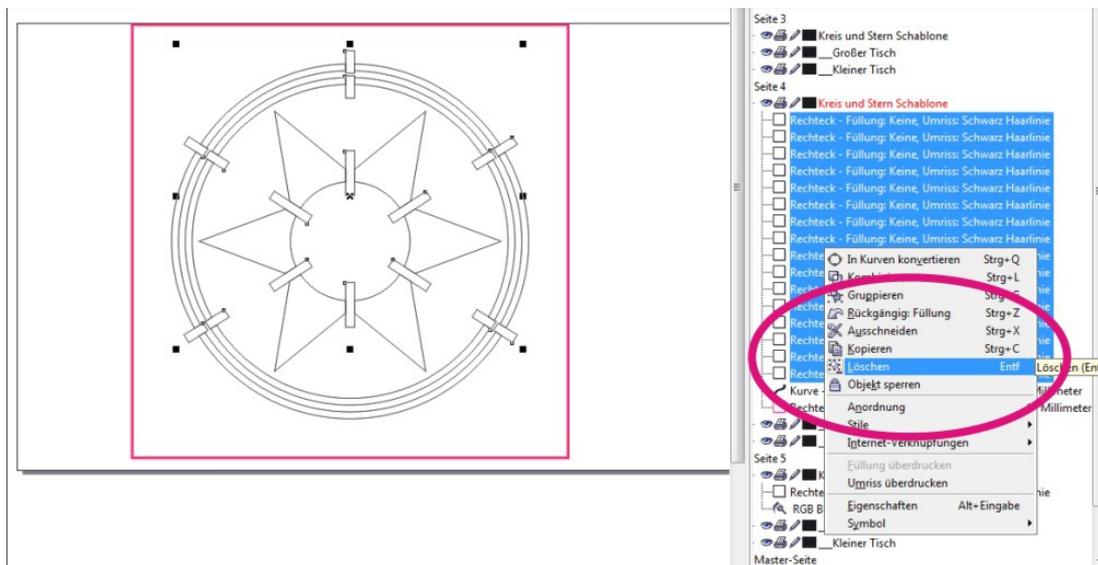
Drag a frame around the template once you have inserted all the necessary bars. In the Object Manager, the frame should be moved to the last position of the page.



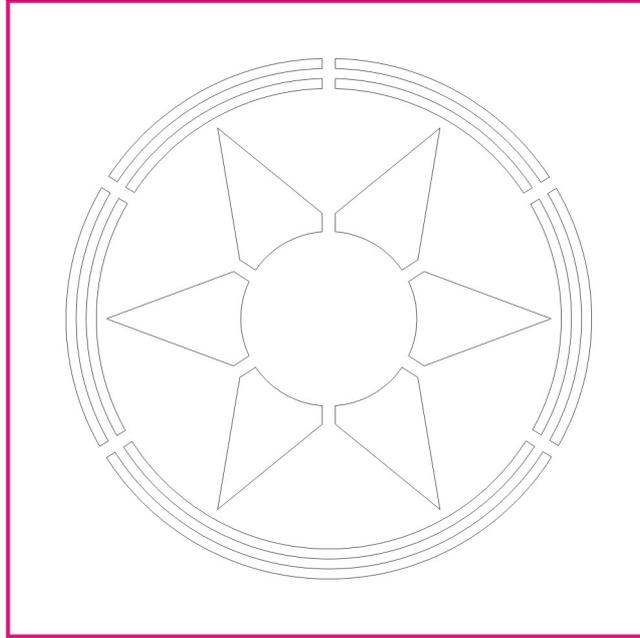
Now select the template without the frame and choose the 'Crop' command. The command can be found under the Arrange → Shapes tab.



Then delete the drawn rectangles again. This can be done easily via the object manager.



Now the island is connected to the template.



Repeat this process in as many places as necessary to hold an inner part securely in the stencil.

Of course, you can also create your own stencil font in this way using any font you like. Draw another graphic frame, if not already present, as the stencil outer edge, so that the position of the shape is clearly communicated to our collaborators.

Save your file in *CorelDRAW® (X3)* as a CDR format. If you created the file in *Adobe Illustrator®*, save the drawing as a PDF. In the mail or drawing, provide us with a measurement of your outer edge in millimeters that we need as a reference dimension.

Done!

### **Cecklist:**

- Converted to paths or curves
- Filling removed
- Possible ridges inserted
- Outer frame drawn
- Line width (*hairlines or 0.25Pt.*)
- Reference dimension inserted