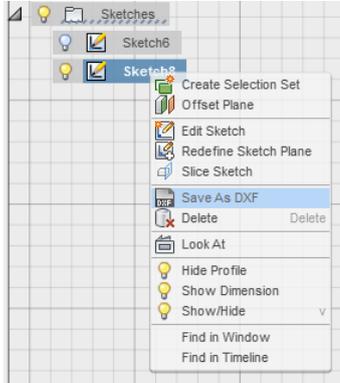
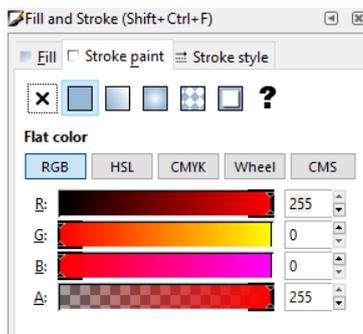


From Fusion 360 to .pdf file for Laser cutter (incl. Special Case Press-fitting)

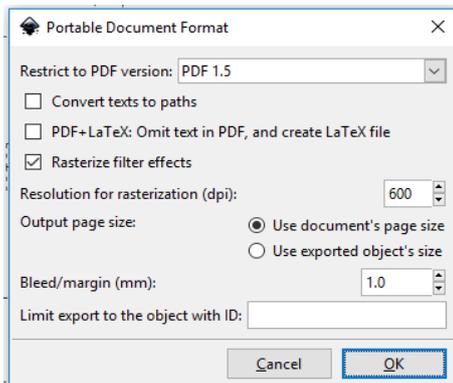
1. Select the Sketch you want to cut and make a copy
2. In this copy: remove all construction lines and other lines you do not want to cut
3. Right mouse click and save as **DXF file**



4. Open the DXF file in **Inkscape**, keeping the original size
5. In Document Properties set size to Portrait, W=600mm and Height=300mm
6. All margins: + 1mm
7. a. Line properties for cutting:
 - Fill: no paint
 - Stroke paint: 255 red 0 green 0 blue
 - Stroke style: 0.02 mm
- b. Line properties for engraving:
 - Lines that are not 0.02 mm are not cut
 - Lines that are blue are engraved



8. Save as **PDF file**, using 600 dpi resolution for rasterization



SPECIAL CASE: Procedure for press-fitting:

1. Select Object > Fill and Stroke
2. In stroke paint tab: set a color
3. In style tab: set line width to 0.2 mm
4. Select Path > Stroke to Path
5. Select Path > Break apart (now the object should have the color of the stroke and be surrounded by 2 dotted lines)
6. Turn off the fill in the fill tab (= click on the x)
7. In stroke tab: set stroke paint tab
8. In stroke style tab: set width to 0.01 mm
9. The double line you see is still one object. Break this apart by choosing Path > Break apart
10. Deselect everything
11. Delete inner line (unless it is a hole, in which case the outer line has to be deleted)