

RESHAPE THE HEART

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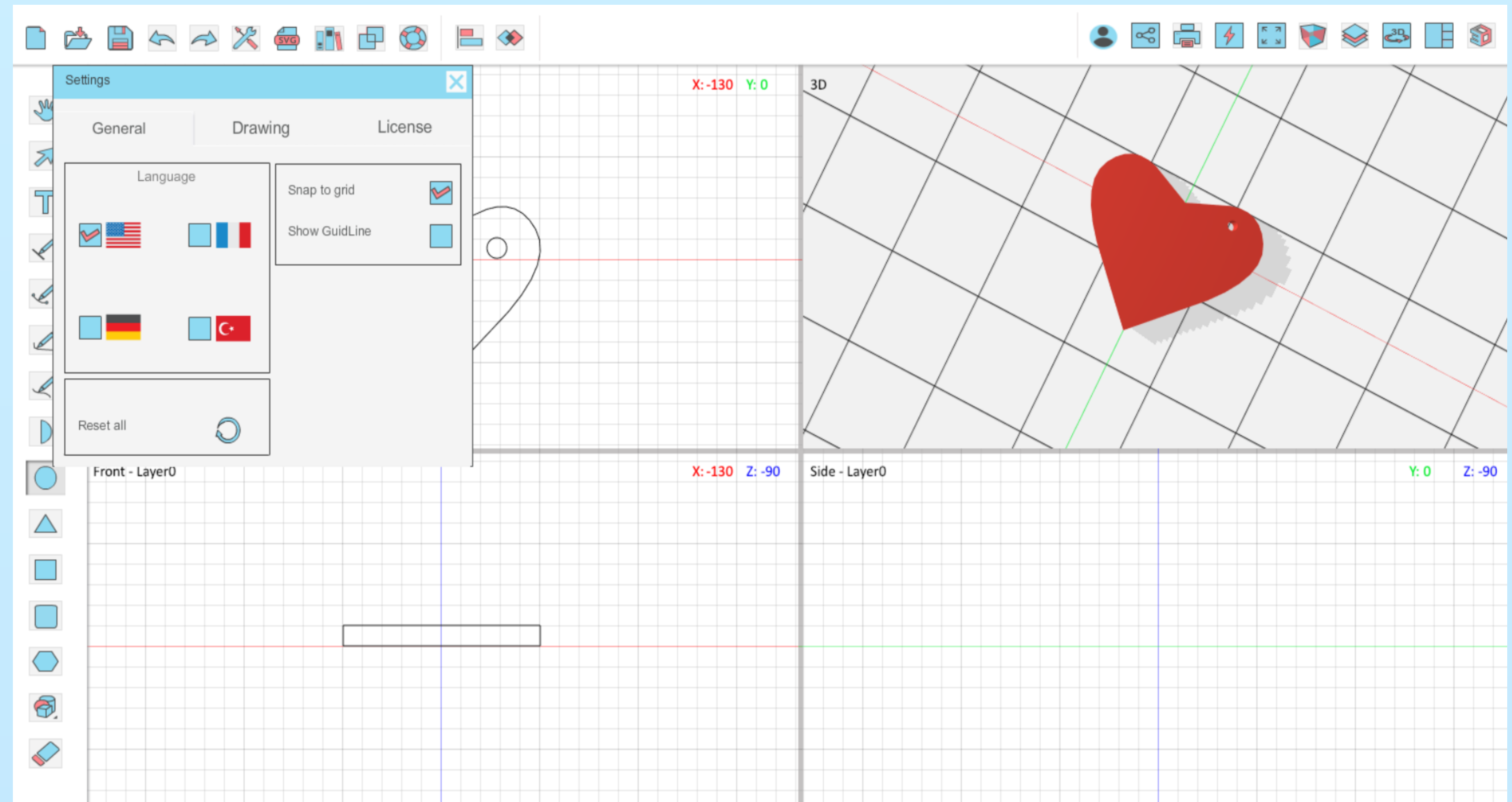
(Design following the instructor)

1. Click Load to open your heart file.ab
2. then browse to your folder in your name and your subfolder “name.drawings”
3. Open your file ‘name+heart.ab’
4. Solve and Toggle to the 3 views
5. Select the heart and right click, then select grouping

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Example to make a hole

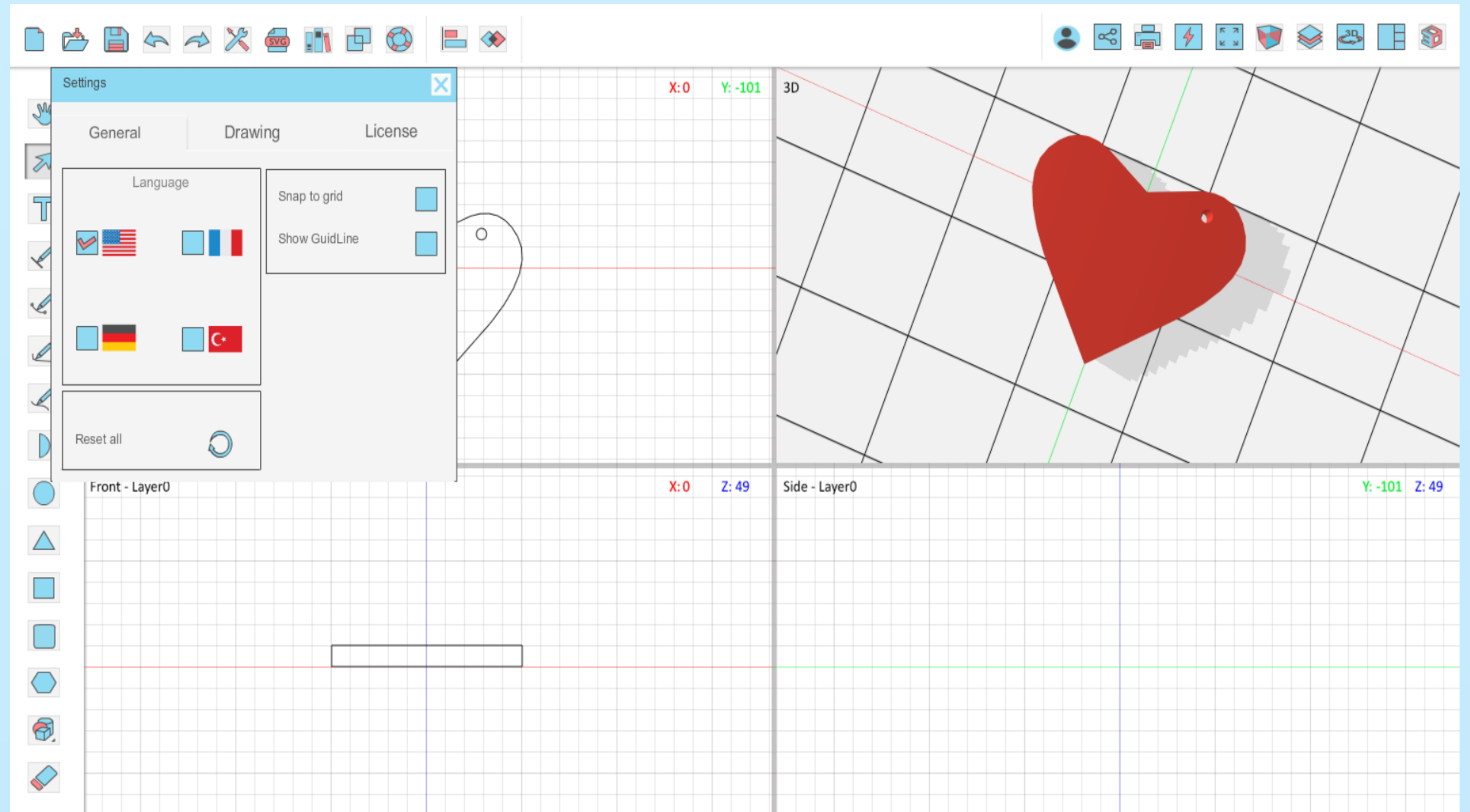
draw a circle anywhere in the heart
(note that you are snapped to the grid)



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To make it a smaller hole

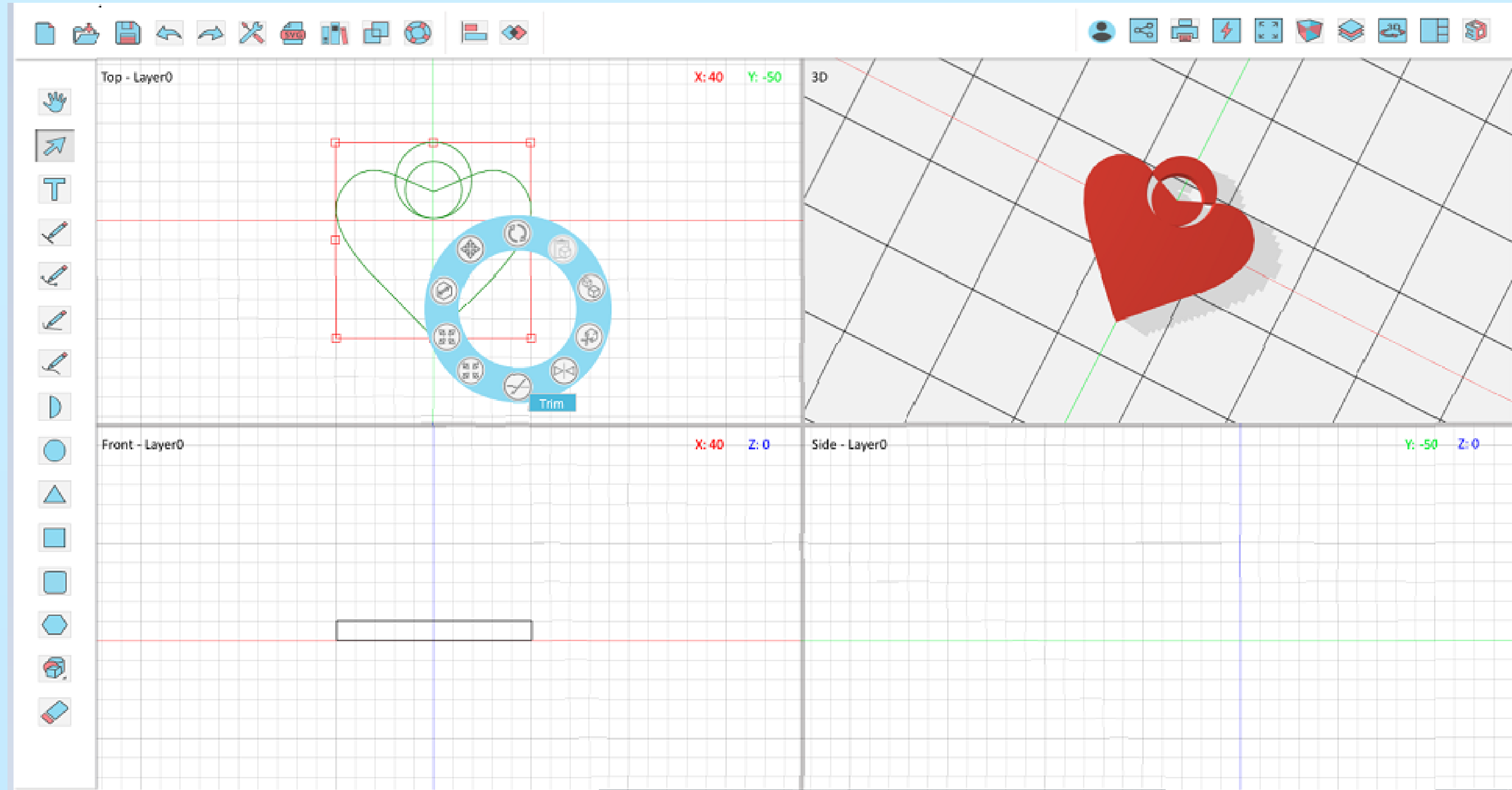
1. If you want to make a smaller hole go to settings and deselect snap to grid
2. Now you can draw a circle as small as you want then solve



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Example to make a hanger
from outside

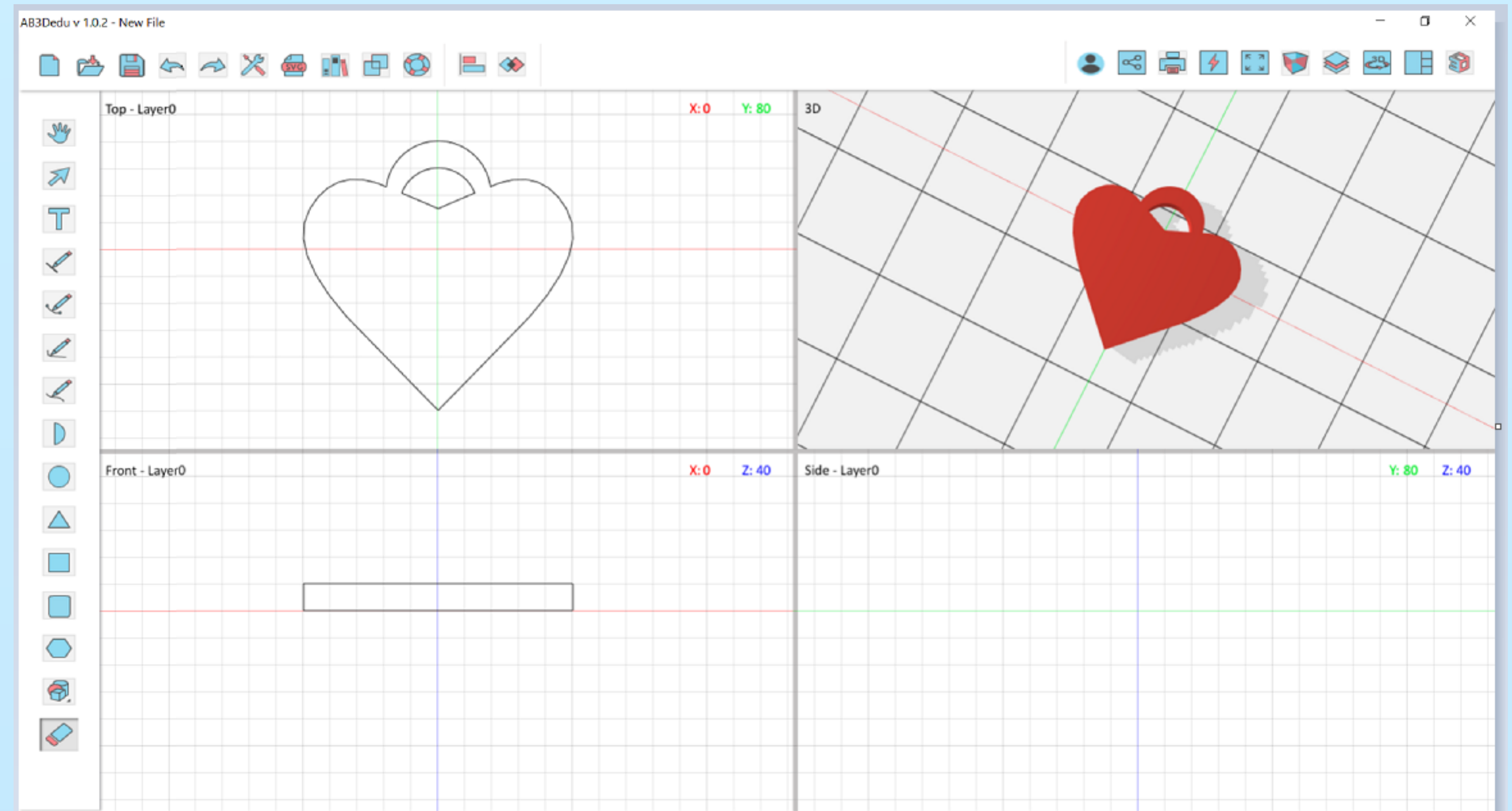
1. Erase the circle and make two circles intersecting with the heart
They don't have to be concentric
2. Solve to see how the 3 heart is broken



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To trim the hanger

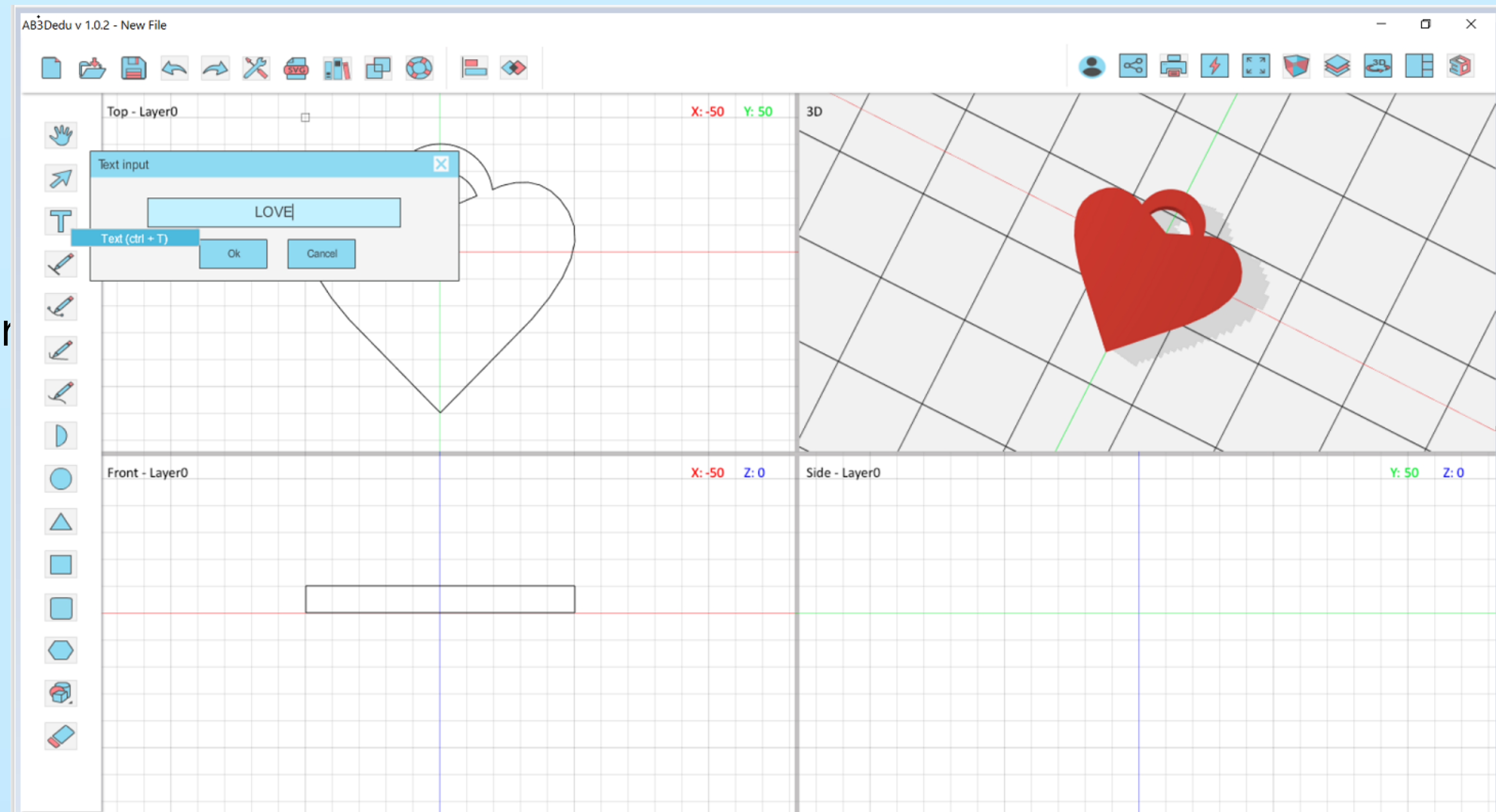
1. Select the whole object (heart + hangers) then Right click to select trim
2. Erase all unneeded segments (note that any left extra lines will cause your 3 to be broken)
3. Solve to see the heart with hangers and no broken lines



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Example to personalize the heart

1. Select Text to personalize your heart
2. Write any letters or words you want (It may be your name, your initials, LOVE or name of the person you want to give him the heart)
3. Click and drag to see your letters inside the heart
4. Solve to see your heart personalized



Save your heart to get it printed

1. When you are done save your work in your drawing file
2. Name it "name + new heart"
3. Once you are done and you want to print your project click on print menu
4. Save your work in STL format as you learned before
5. Save it in your sub-folder 'prints' under "your name + new heart"

