

HOW TO:

ADD HOLES FOR A CHAIN OR KEYRING

1. Start with your offset path ('Offset Path' worksheet)
2. Click the black arrow - this is your selection tool
3. Draw a box around the Hello text to select both outlines
4. In the top toolbar, click the padlock to prevent stretching your design
5. Type in your preferred width or height in mm

This design is 50mm in width
6. Click on the **Create circles, ellipses and arcs** tool in the left hand sidebar
7. Click on your page and drag to draw a circle
8. Click the black arrow - this is your selection tool
9. In the top toolbar, type in a **width (W)** and **height (H)** of 3mm
10. Click the padlock to keep both dimensions the same

1.



2.



3.



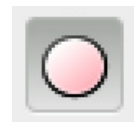
4.



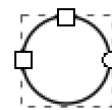
5.



6.



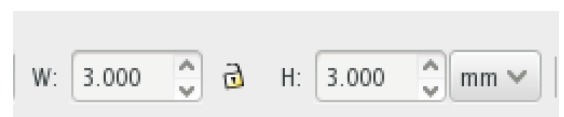
7.



8.



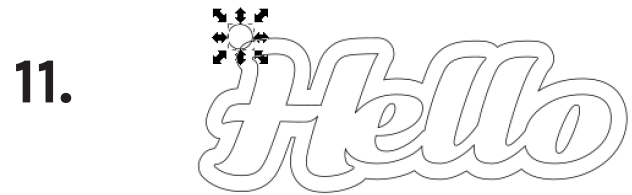
9.



10.



11. Click on the circle and move to the top left corner of the larger outline



12. Go to the **Path** menu and click **Linked Offset**



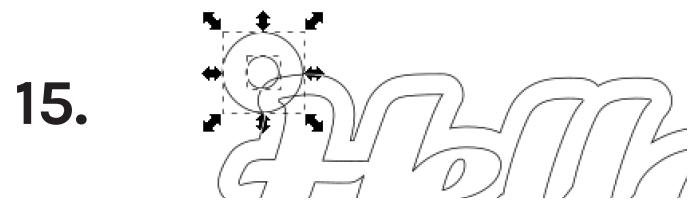
13. A white diamond should appear at the top of the circle



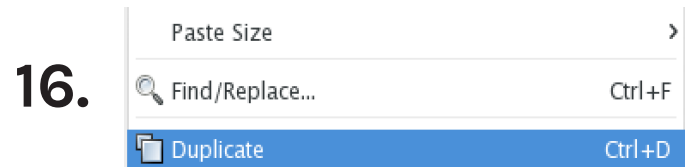
14. Click on the diamond and drag outwards to enlarge the circle. Don't pull too far.



15. Draw a box around both circles to select



16. Go to the **Edit** menu and click **Duplicate**



2 new circles will appear on top of the original circles.


17. Move the 2 new circles to the right hand corner of the larger outline .

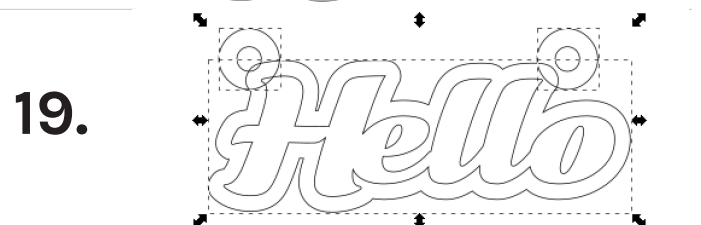


Hold control on your keyboard to keep them straight.

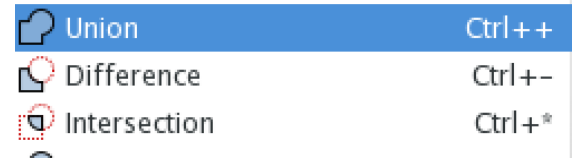
18. Click on your blank page to deselect the circles.



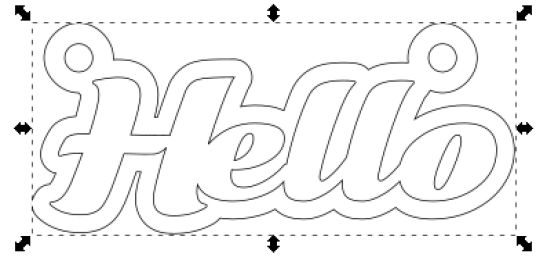
19. Hold shift  on your keyboard and click on the larger 2 circles and larger outline to select



20. Go to the **Path** menu and click **Union**

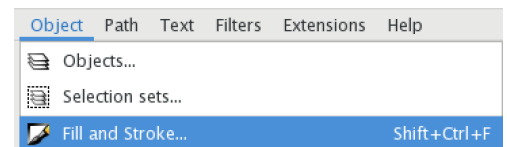


20.



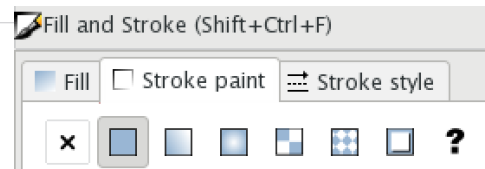
21. Go to the **Object** menu and click **Fill & Stroke**

21.



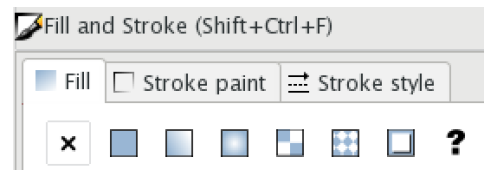
22. In the **Stroke** tab click **Flat Colour**

22.



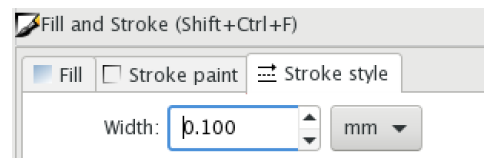
23. In the **Fill** tab, click **No Paint**

23.



24. In the **Stroke style** tab type in 0.1mm.

24.



25. Click on the inside hello text and move below the larger outline

25.



Now your holes are added and you can laser cut your design!