

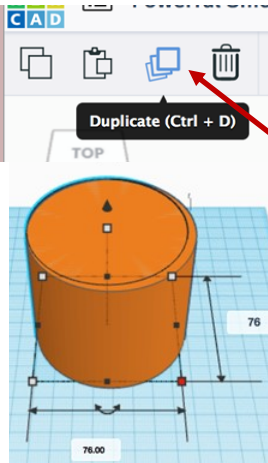
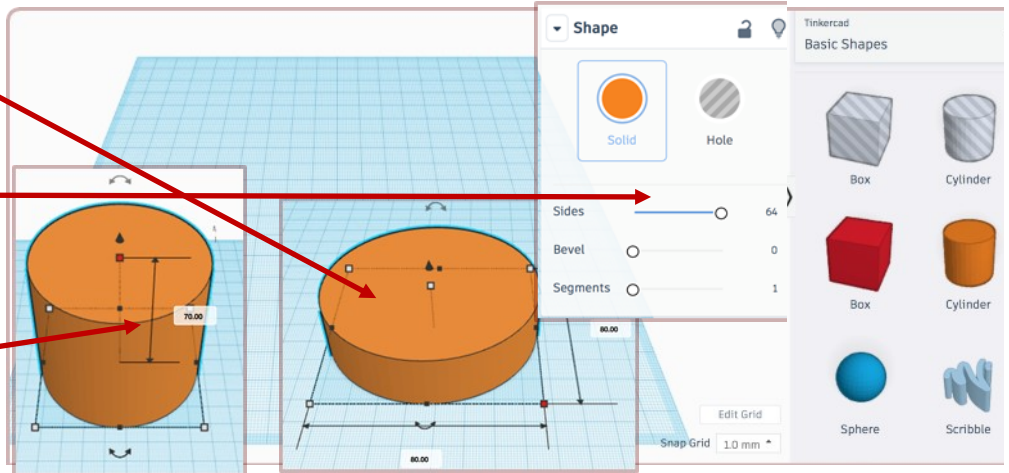
Money Pot Tinkercad Tutorial

Before using these instructions, use the [Measurement Sheet](#) and [watch the video tutorial](#).

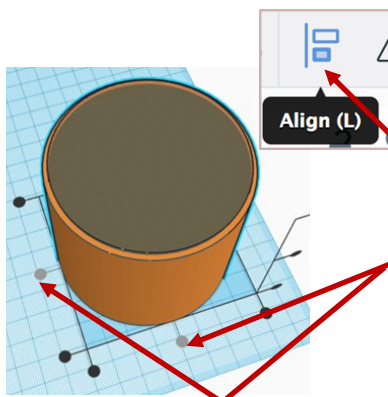
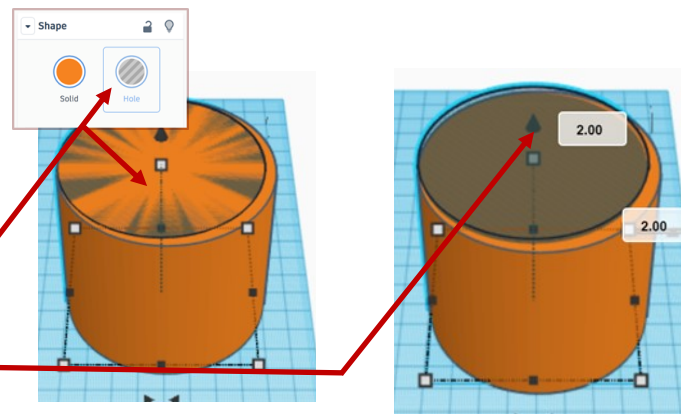
Make the Pot

1. Bring a **cylinder** to the workplane and **resize** to 80mm and adjust the number of **Sides** to 64— this smooths out the cylinder shape.

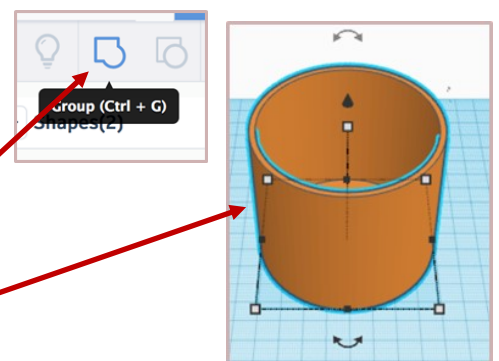
Adjust **height** to 70mm.



2. Select the cylinder and click **Duplicate** in top left of screen. With it still selected, **resize** to 76mm diameter (inside diameter of the pot) and change the resized cylinder to a **hole** shape and **move it up** by 2mm.

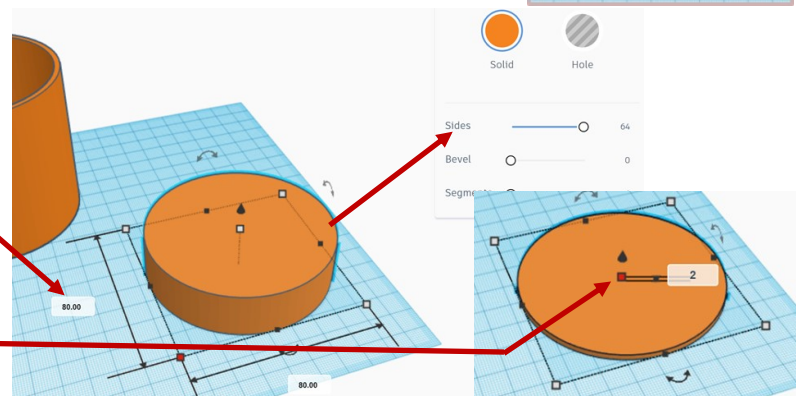


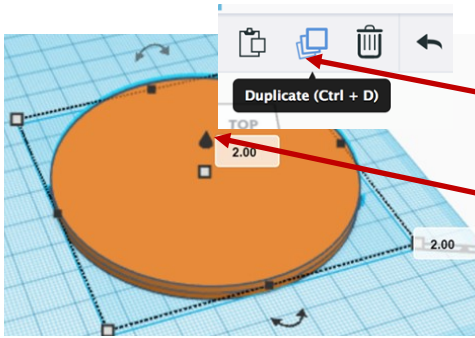
3. Select **both** the solid and hole shape together and click **Align** in top right of screen. Use the **centre dots** to centre the hole shape. With both shapes still selected, click **Group** and the hole shape will shell out the pot.



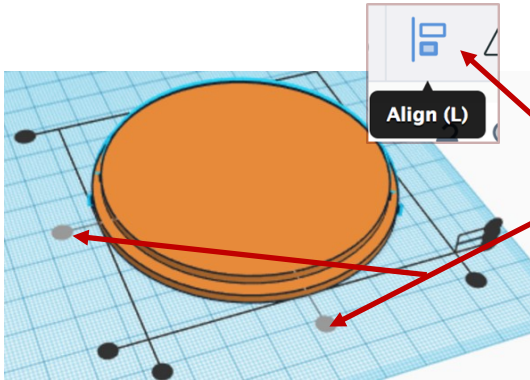
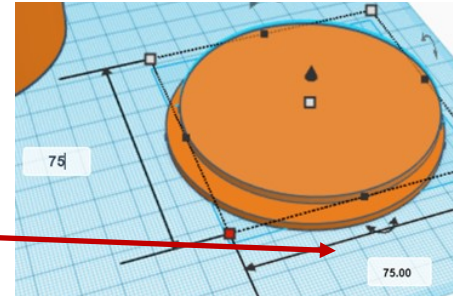
Make the Top

4. Move the pot out of the way. Bring down a **cylinder** and **resize** to same diameter as your pot (80mm for this pot). Changes **Sides** to 64 to smooth the cylinder. Then make **height** 2mm.

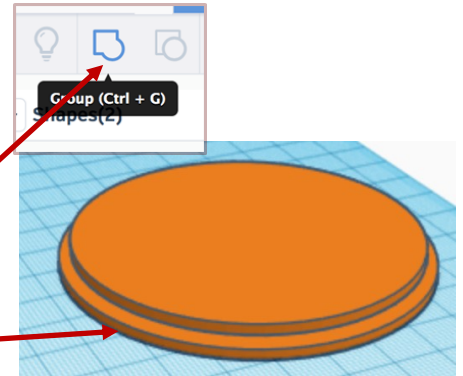




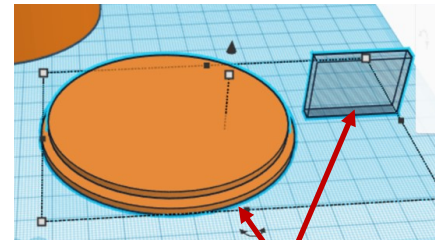
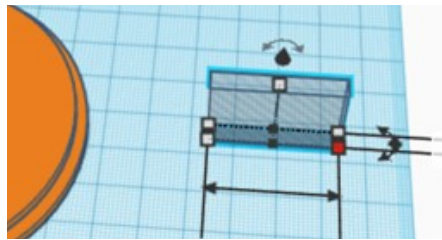
5. Select the cylinder and click **Duplicate** to make a copy and with it still selected, **move it up** by 2mm, then **resize** it to the inner piece diameter on your measurement sheet (75mm here.)



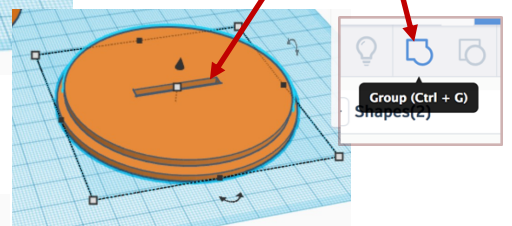
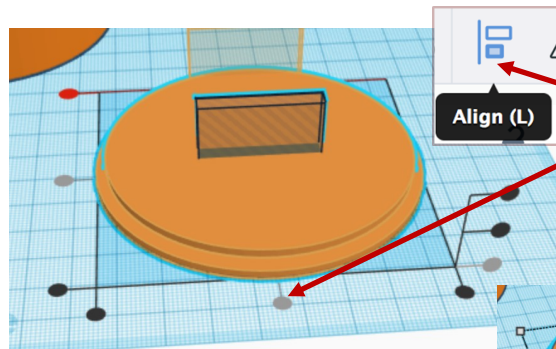
6. Select both cylinders and click **Align** and use the **centre dots** to centre them. With them both still selected, click **Group** to group them into a single object.



7. Bring down a **box hole** shape and **resize** it to the width and length of the **money hole** size on your measurement sheet.



8. Select both the top and the hole box and click **Align** and use the centre dots to centre the hole on the top. With them both still selected, click **Group** to cut the hole



9. If you want to 3D print the pot and top, save the STL file with the top and pot as they are. If you want to see the pot with the top on, flip the top 180° and move it up and on top of the pot

