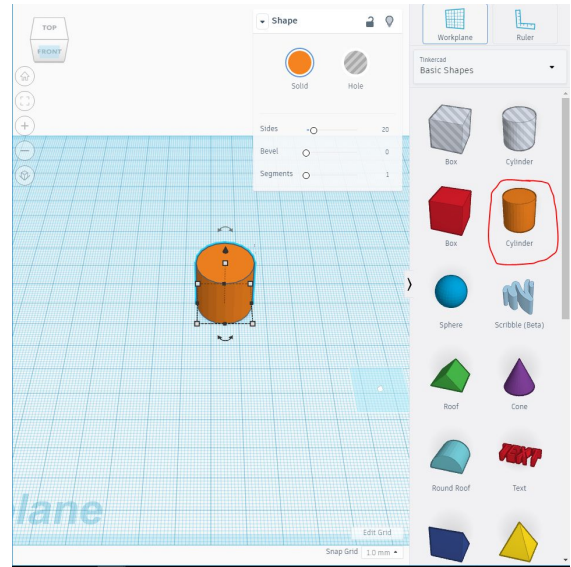
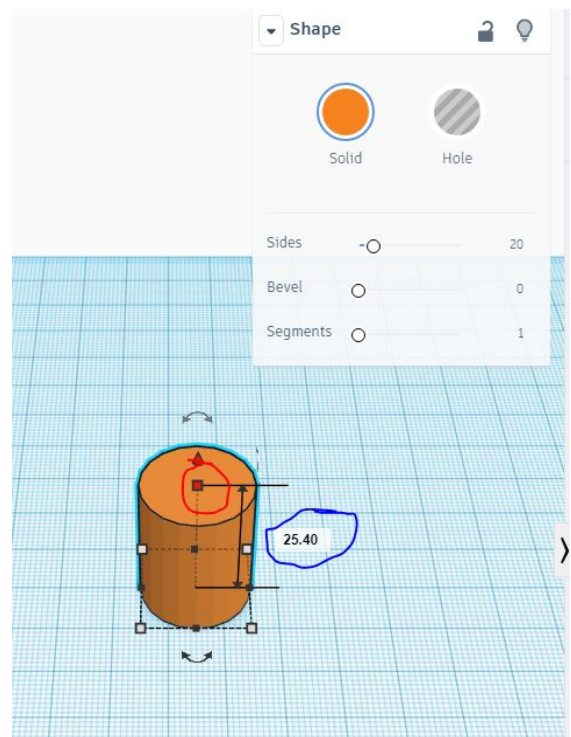


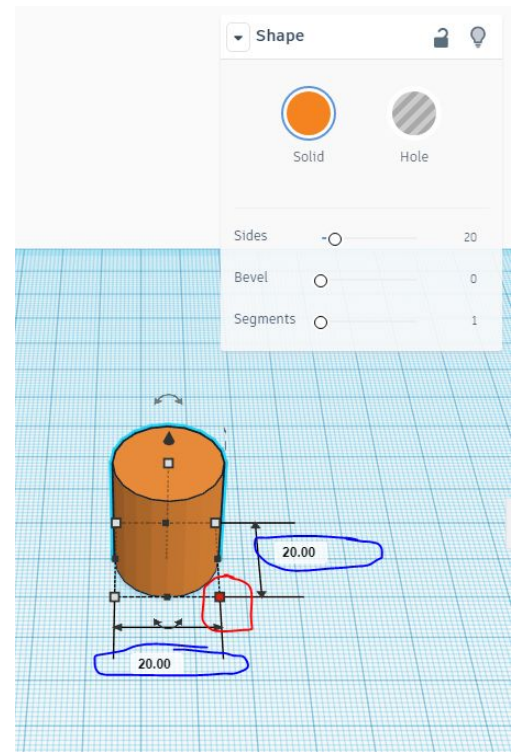
Step 1: Select the orange cylinder on the right side of the screen (circled in red in the image to the right) and place it on your grid



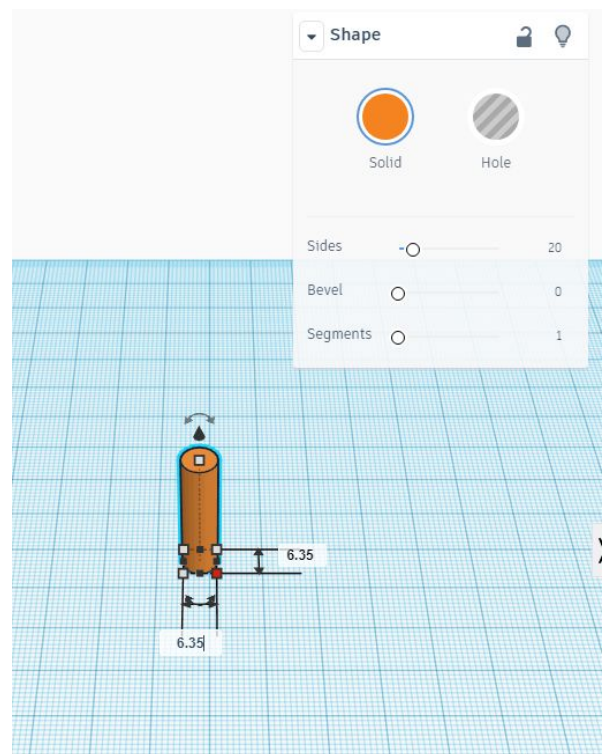
Step 2: Now we need to make the cylinder the correct size. We want our bead to be 1 inch tall, which converts to 25.4 mm. Click the box on the top of the cylinder (circled in red in the image to the right), and then click on the box that appears (circled in blue in the image to the right) and change it to 25.4 mm.



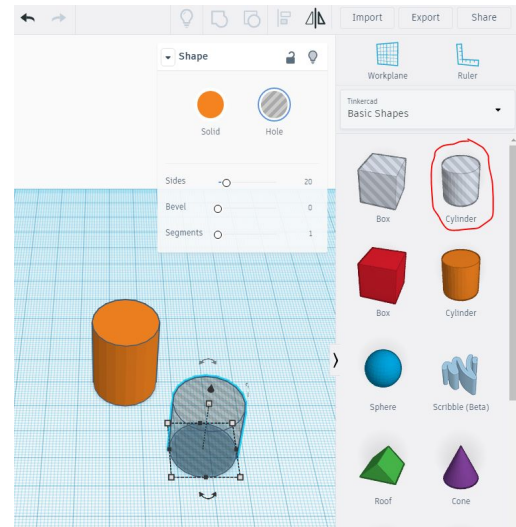
Step 3: Now we need to change the width of the cylinder. We want our beads to be  $\frac{1}{4}$  inch in diameter, which converts to 6.35 mm. So we need to select one of the four boxes on the bottom of the cylinder (circled in red in the image to the right), and change **both** the width and length boxes (circled in blue in the image to the right) to 6.35.



Your cylinder should now look like this:

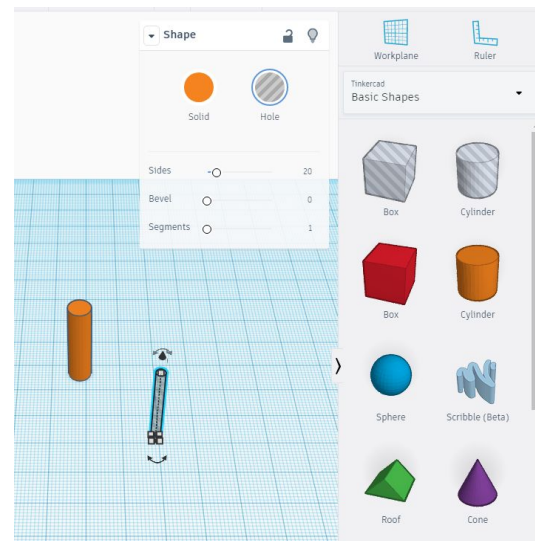


Step 4: Now that we have our cylinder the correct size, we need to make the whole that will allow our completed bead to go on a necklace. Select the grey shaded cylinder on the right (circled in red), and place it on your grid.



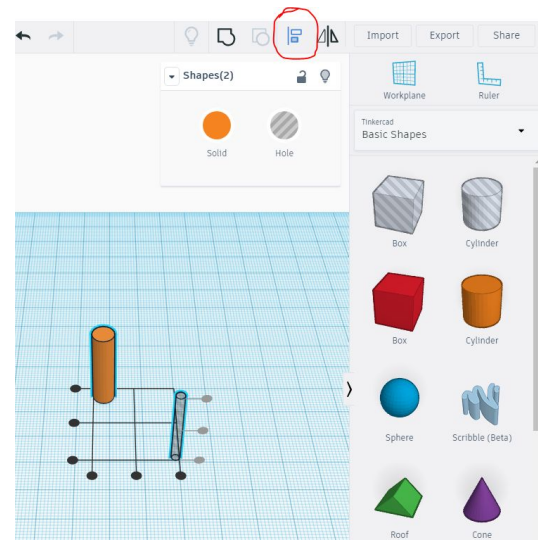
Step 5: Now we need to make the hole the correct dimensions. Our hole needs to be the same height as the cylinder (25.4mm) and the width and depth should both be set to 5.08mm. These dimensions can all be set the same way that we set the cylinder's dimensions in step 2 and step 3, so feel free to look back in these instructions if you need a refresher on how to do that.

Your cylinder and hole should look like this now:



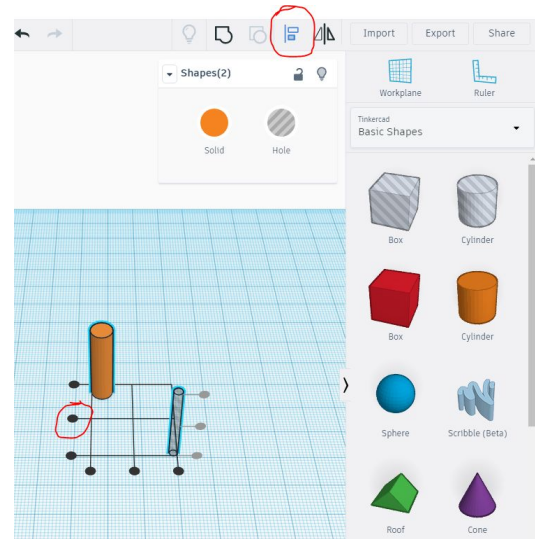
Step 6:

Now that both pieces are the correct size, we need to align them to each other so that the hole is in the center of the cylinder. Drag the mouse to make a box around both pieces so that both pieces are selected, and click on the align button at the top of the screen (circled in red).

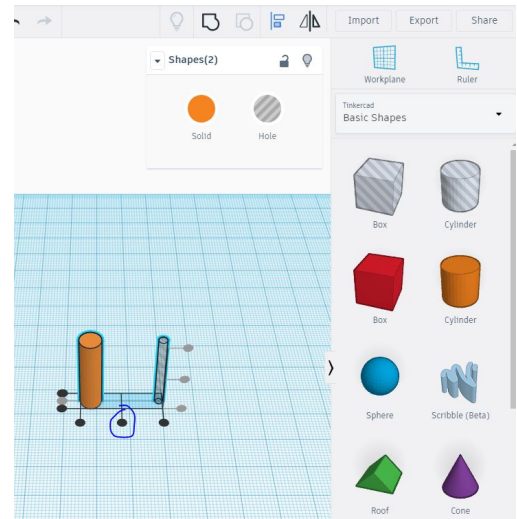


**Step 7:**

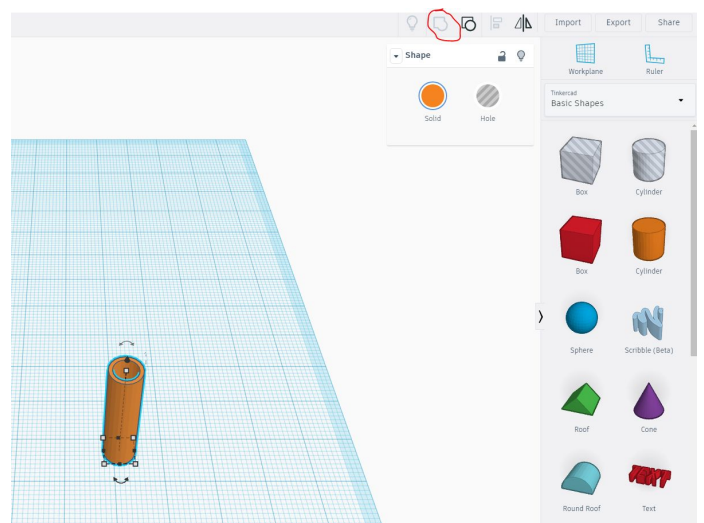
Now click the middle-left dot (circled in red)

**Step 8:**

Then click the middle-bottom dot (circled in blue in the image to the right)

**Step 9:**

The last thing we need to do now is group the pieces together. With both pieces together, click the group button at the top of the screen (circled in red).



## Step 10:

Your piece is now done! All you need to do now is export it to use it at a printer. Click the “Export” button in the top right (circled in red), then click “.STL” (circled in blue) to download the file.

You’re ready to take your file to the 3D printer!

