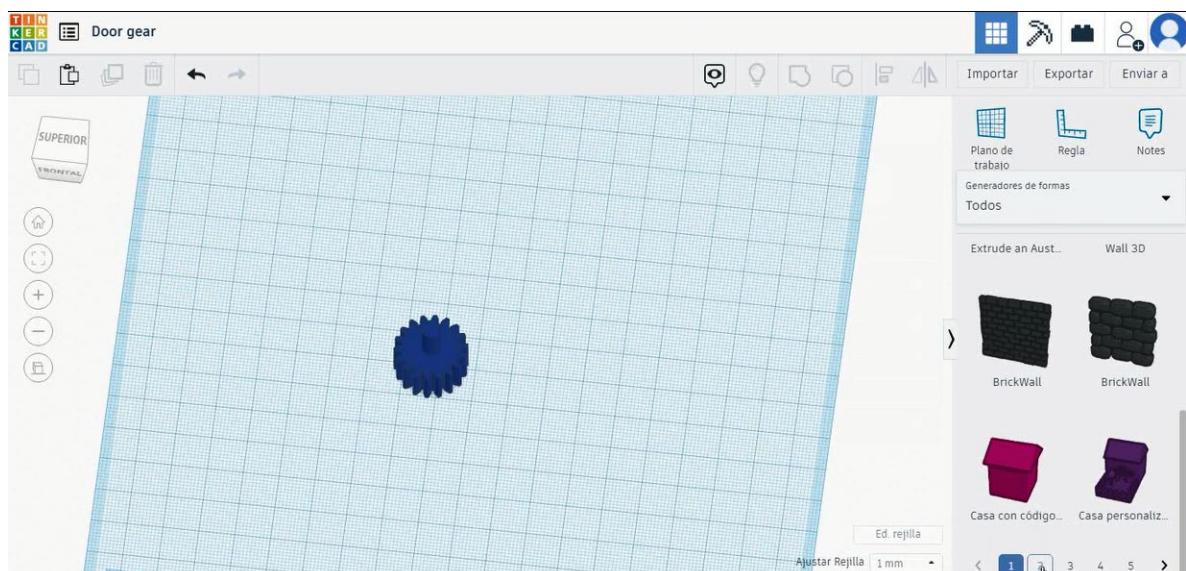
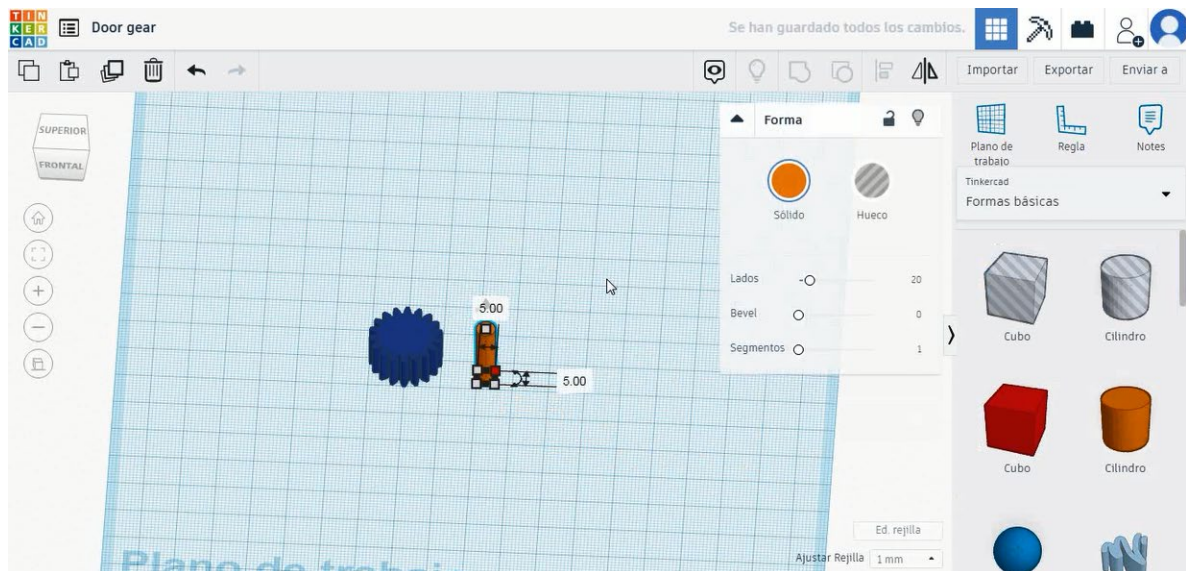
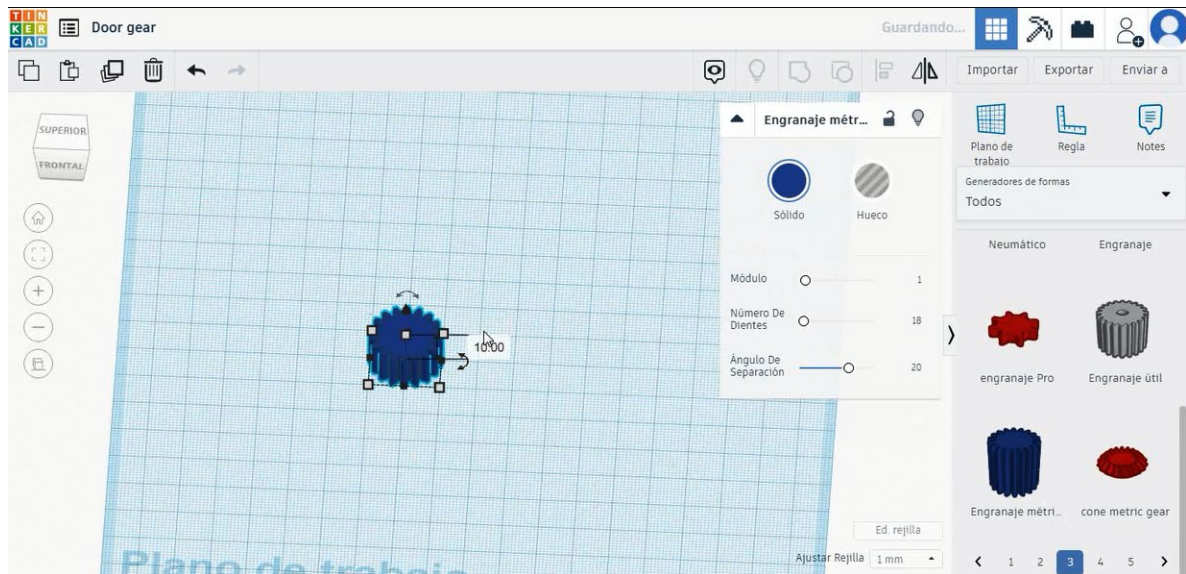
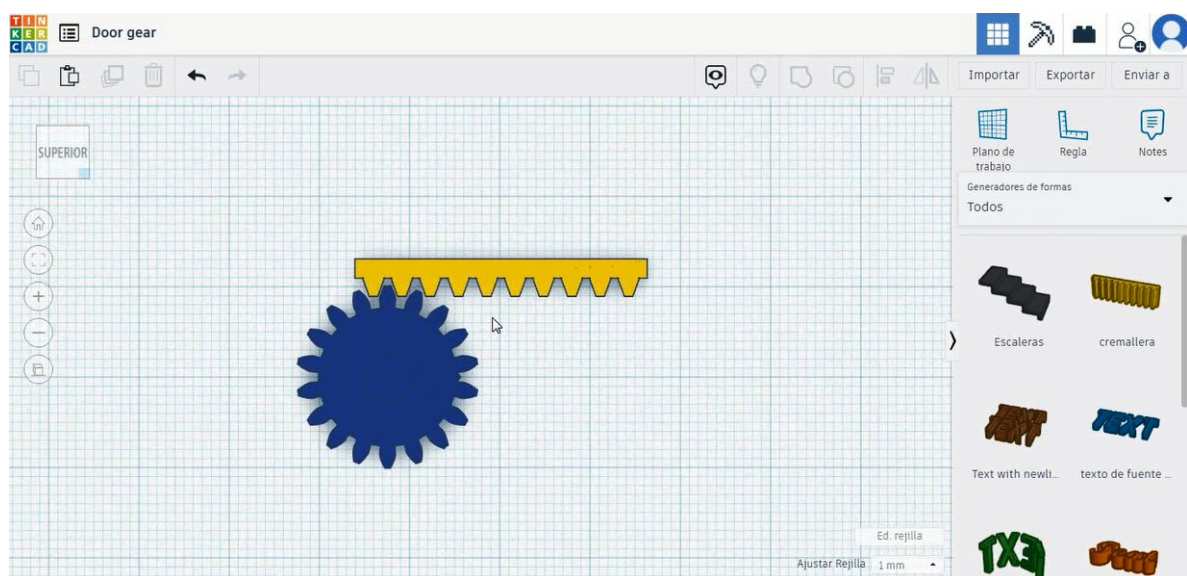
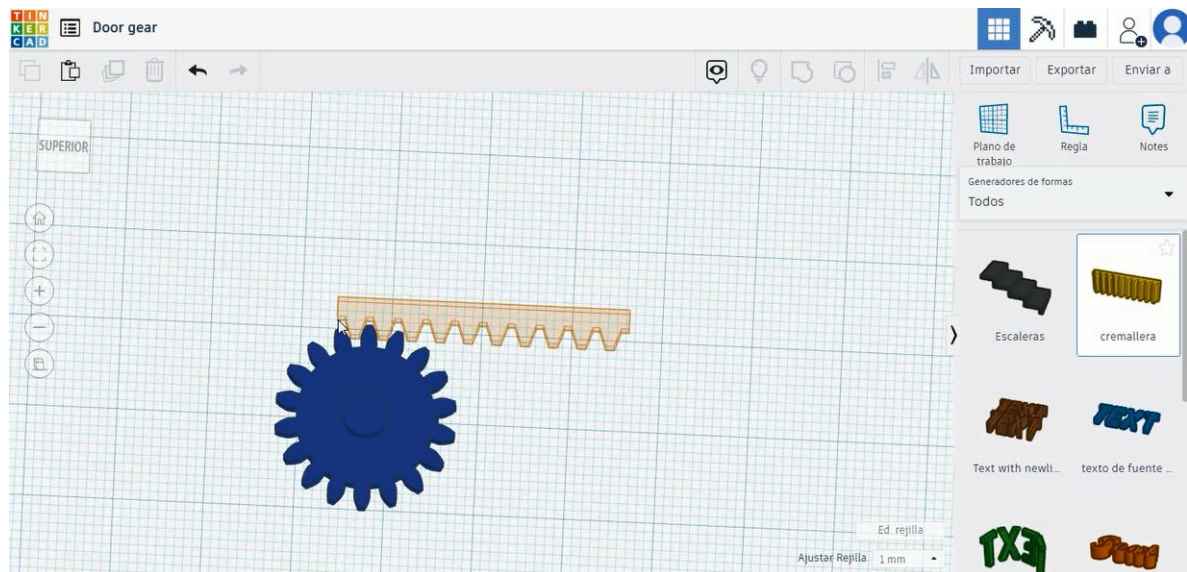


1. Choose the metric gear shape from the 3rd page of all categories and change the height to 10 mm. Now choose the cylinder shape, size it to 5x5x20 mm and align in the center of the gear, select both objects and press group.

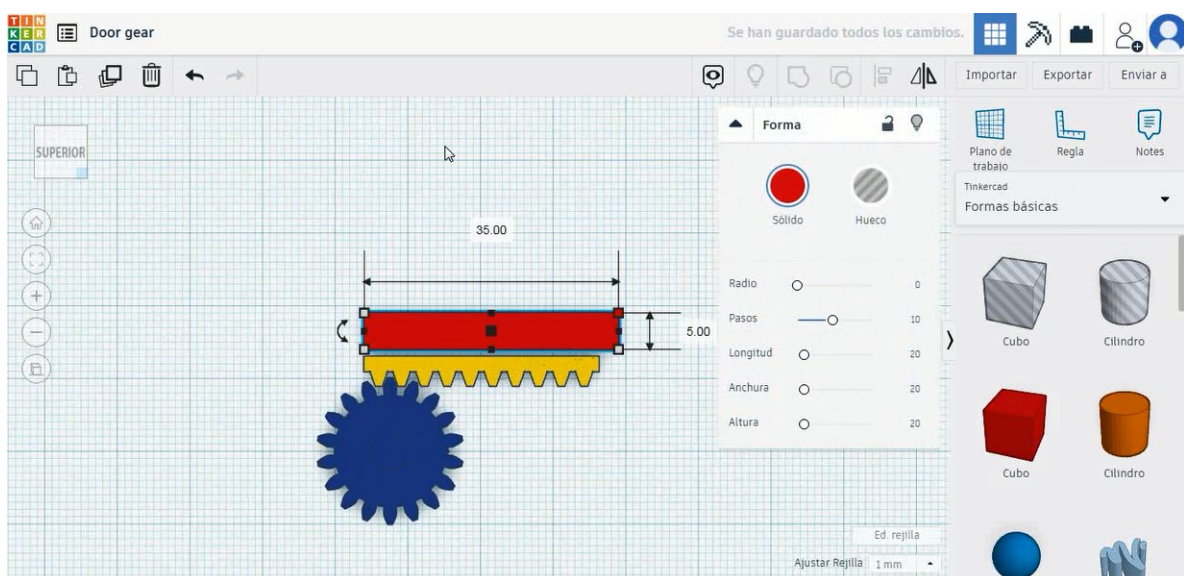




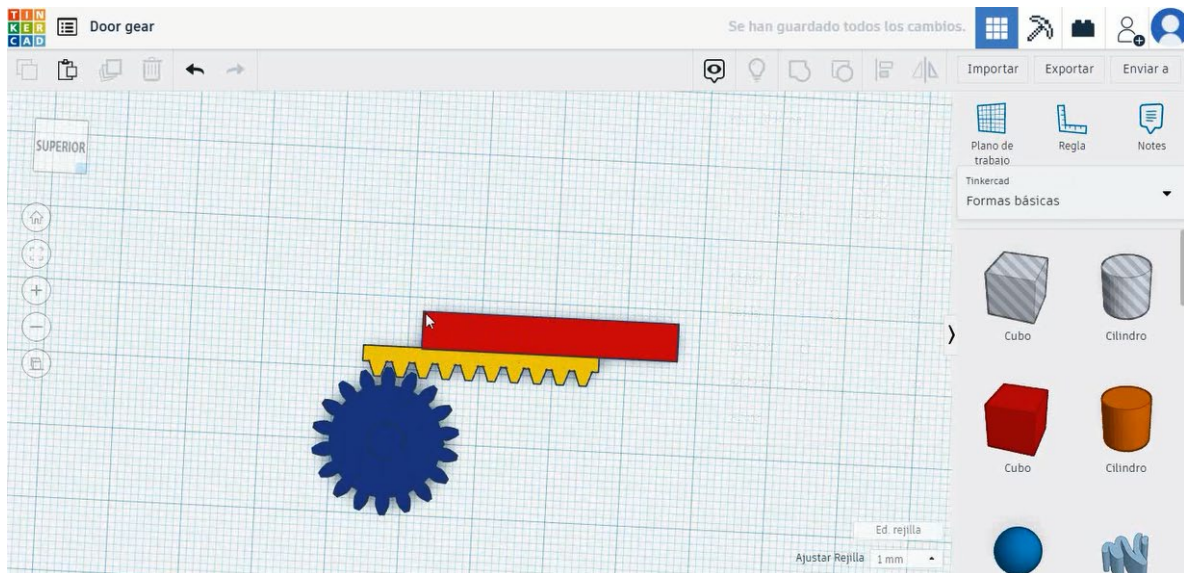
2. Choose the gear rack shape from the 2nd page of all categories and align the gap between the first and the second tooth with the central axis of the gear.



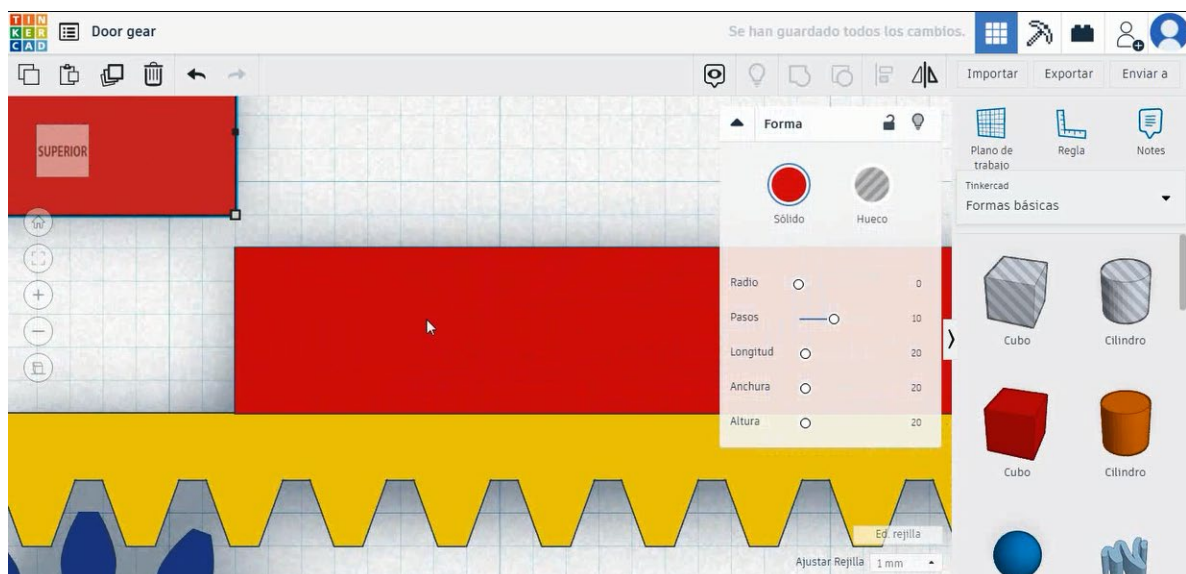
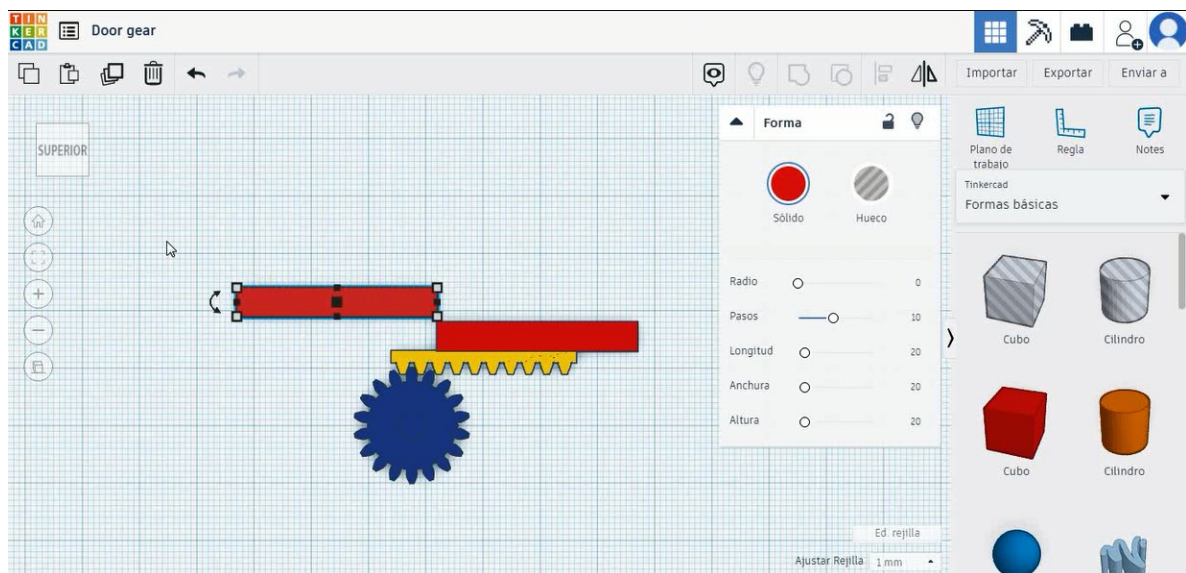
3. Select the cube shape to create the door, size it to 35x5x20 mm and align the left border with it in the third tooth of the gear rack.





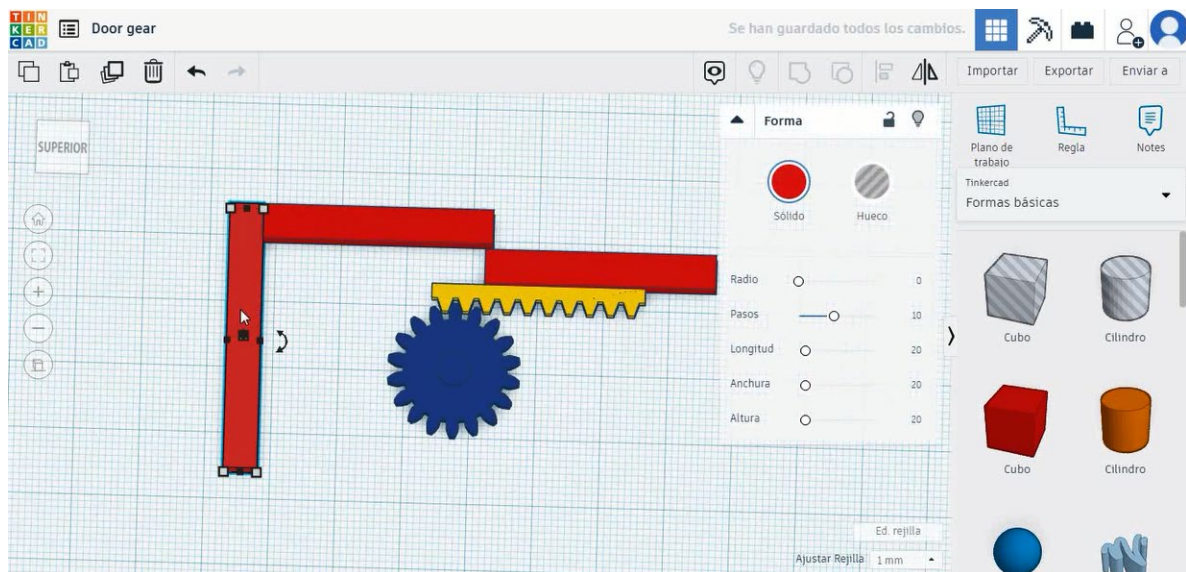
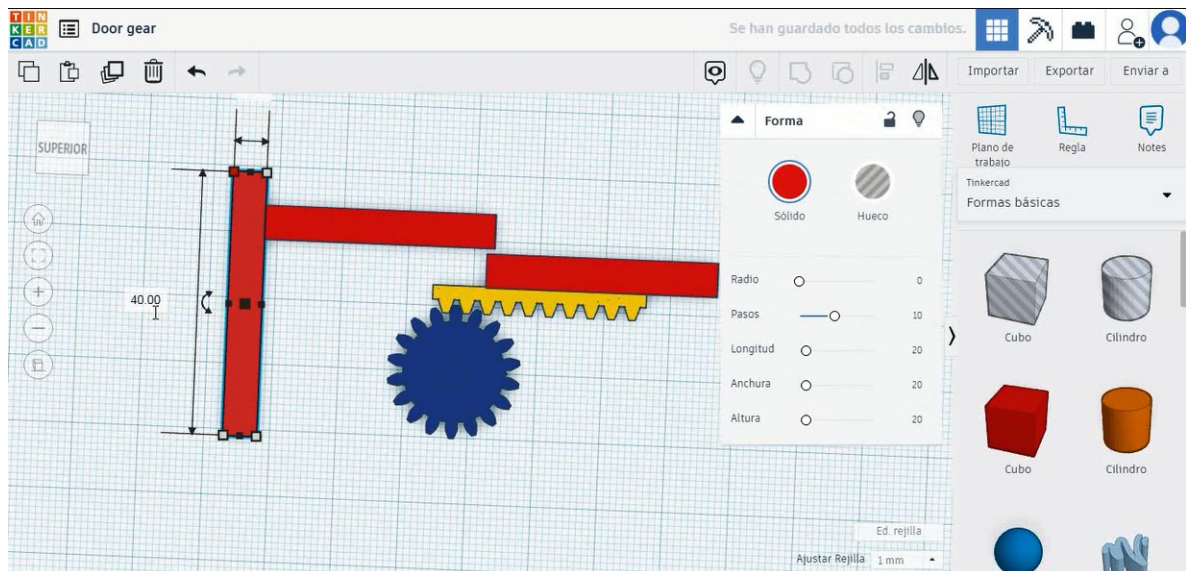
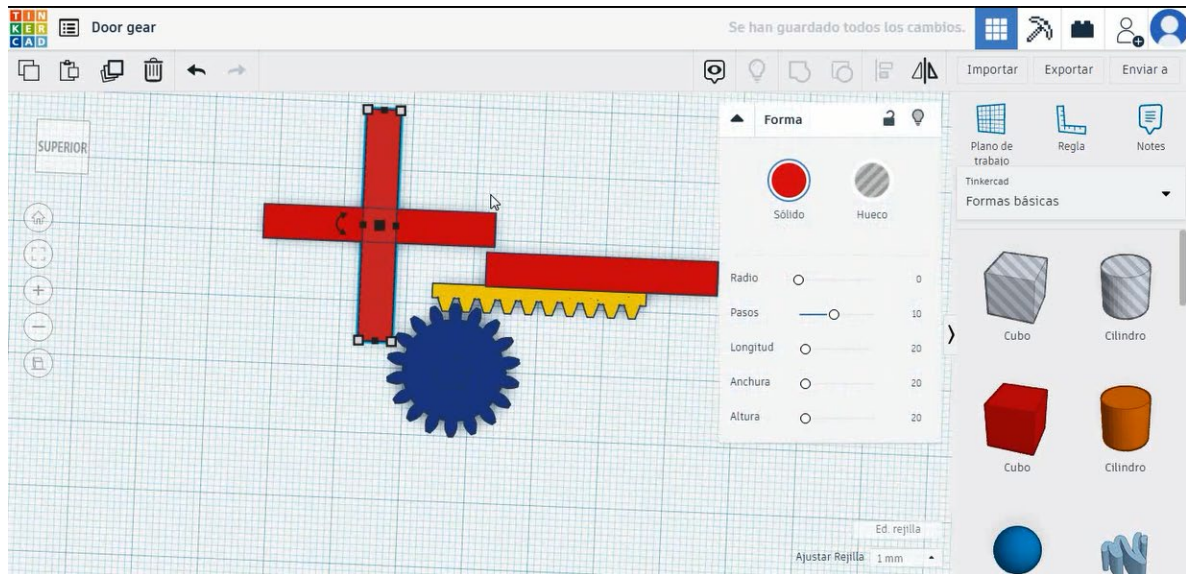


4. Copy the door to start doing the wall and move to align the right side of the new cube with the left side of the door in X axis. We need to leave a gap in Y axis like the image below.



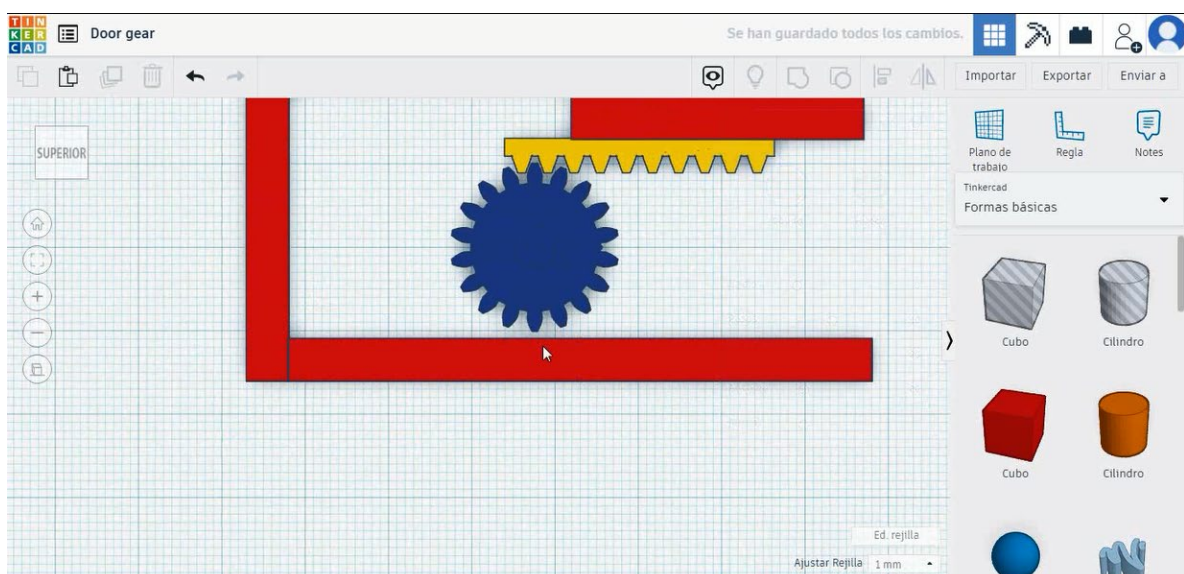
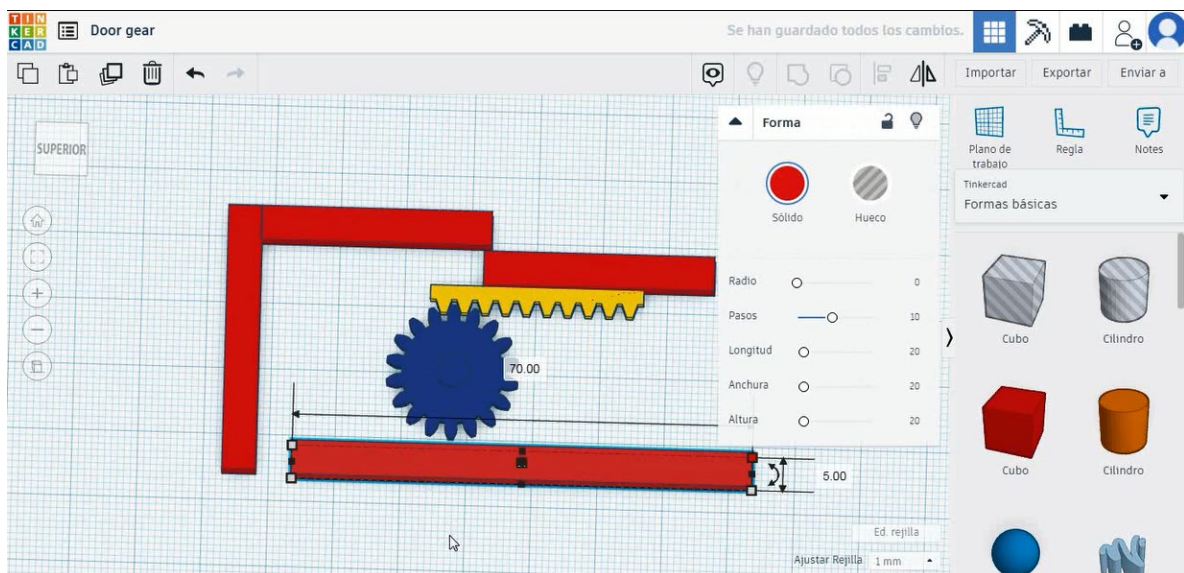
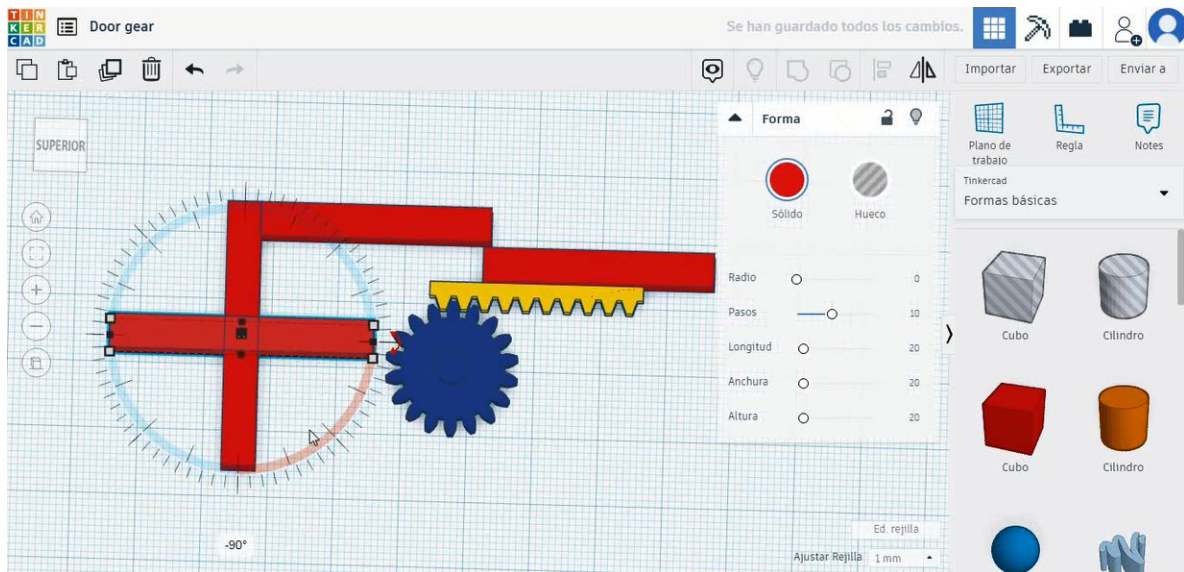


5. Copy the wall cube, turn it 90 degrees , size it to 40x5x20 mm and move it to match with the first wall like the image below.



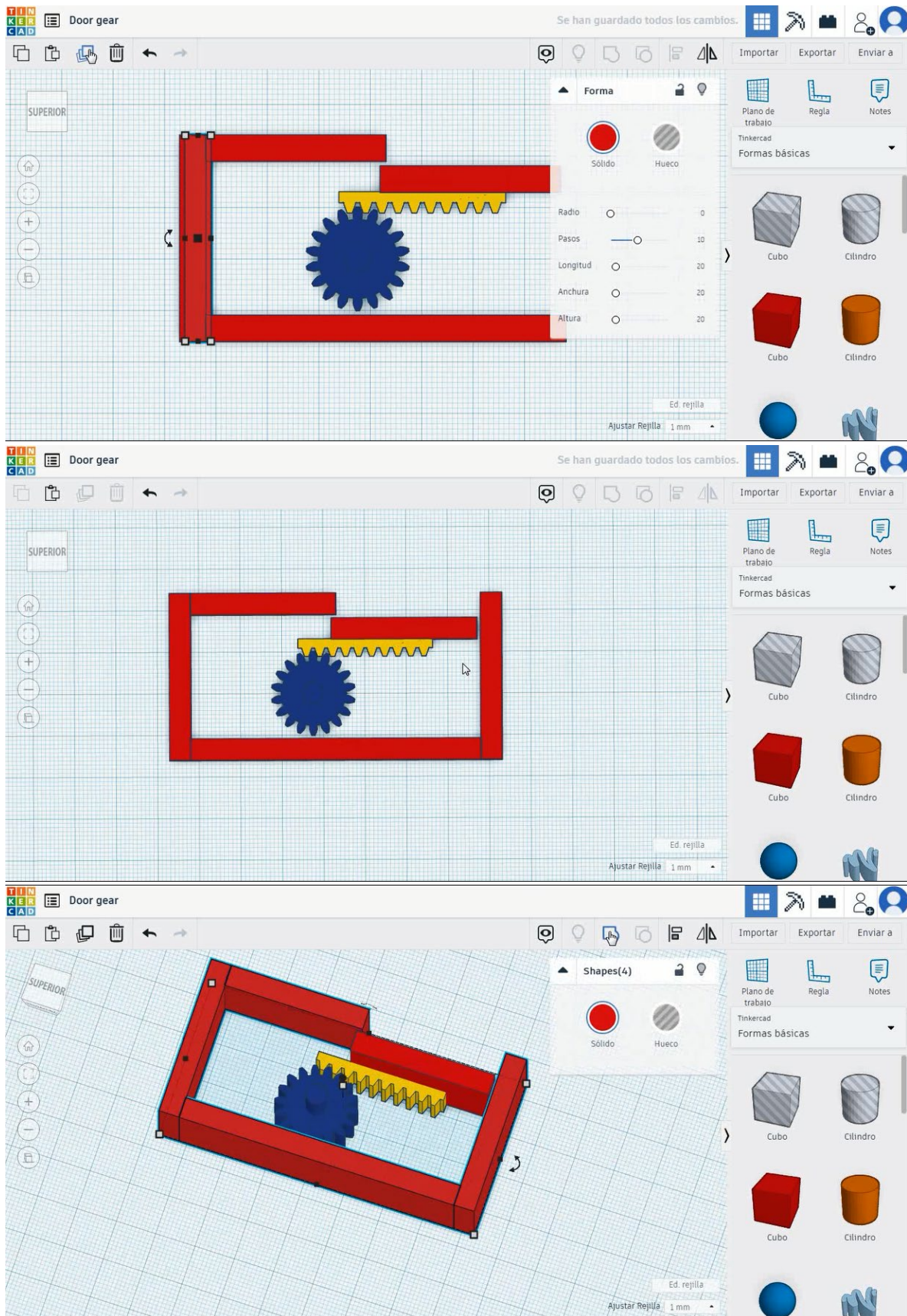


6. Copy the second wall cube, turn it 90 degrees , and size it to 70x5x20 mm and move it to match with the second wall cube like the image below.

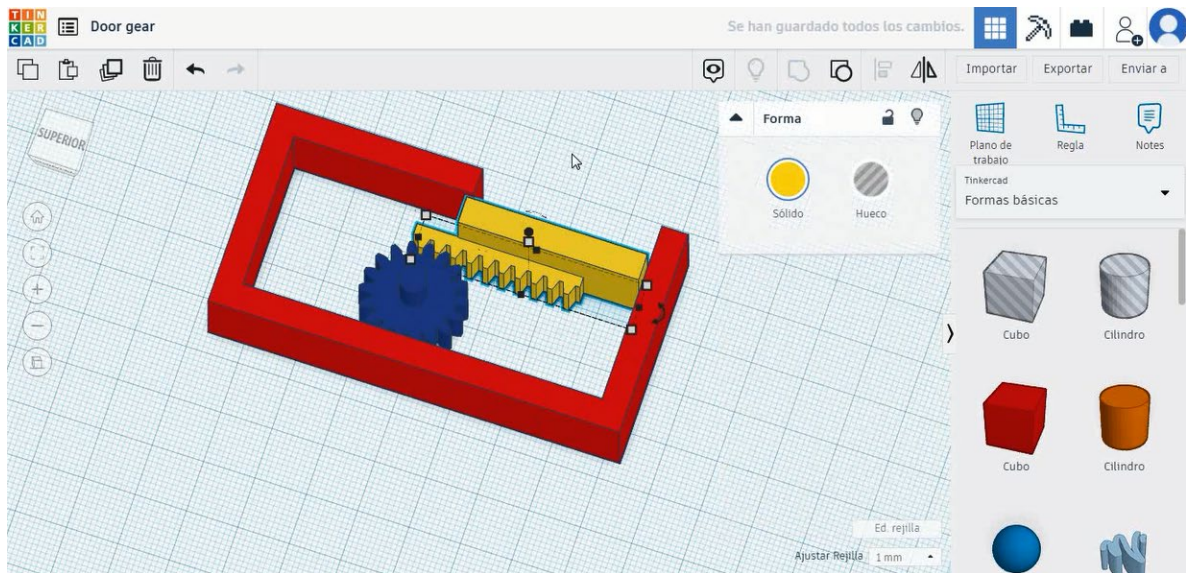




7. Copy the second wall cube and move it to match with the third wall cube like the image below. Select the four wall cubes and press align. Then select the door and the rack gear and press group.







8. Now the door gear is finished.

