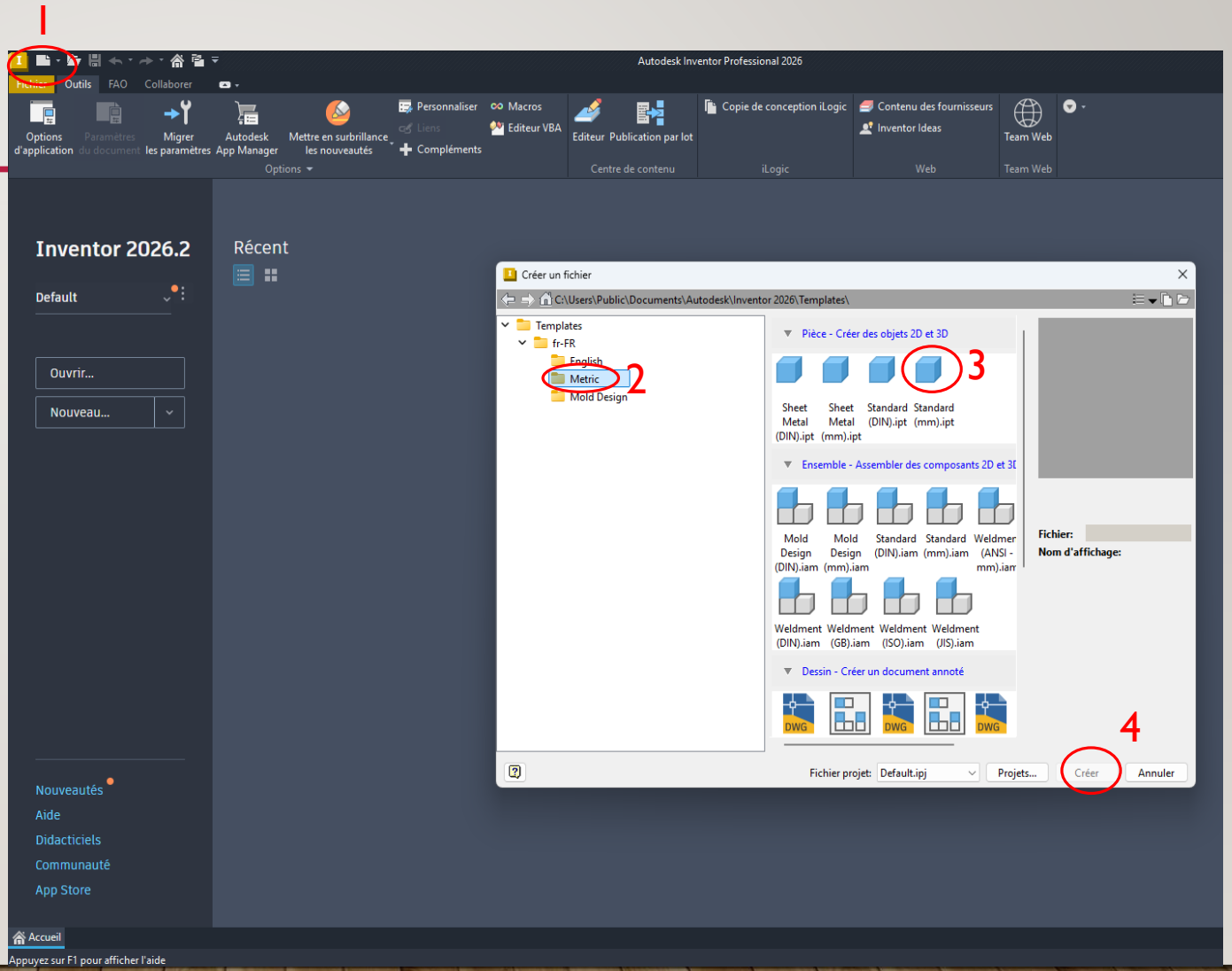
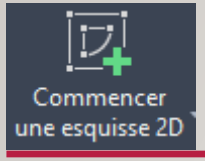
TUTO : HOW TO CREATE A 3D OBJECT ON INVENTOR

1)HOW TO CREATE A PIECE

Click first on file, after choose metric and standard ipt(mm). Finally click on create.

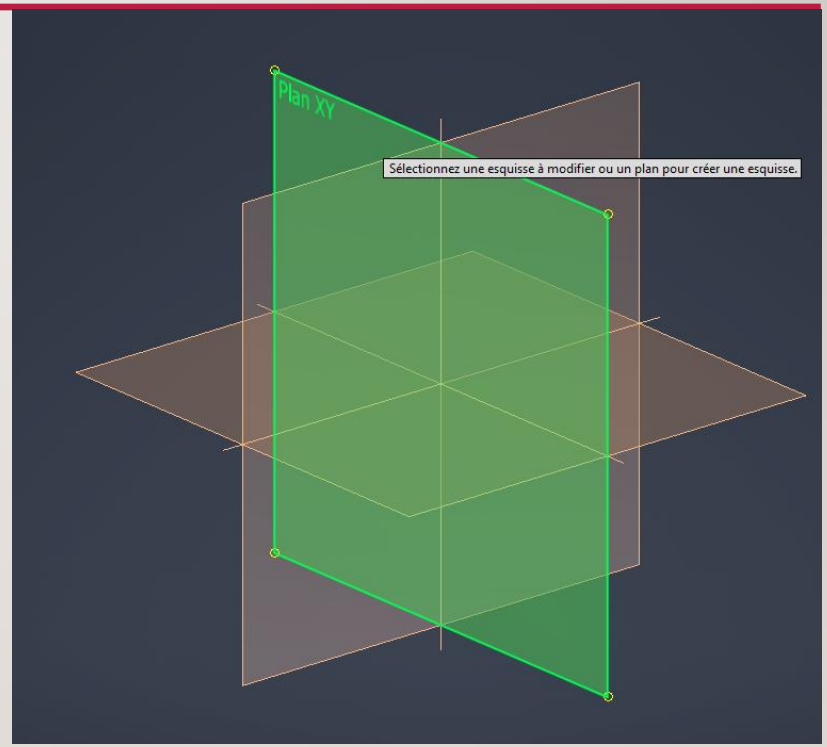


2)START CREATING

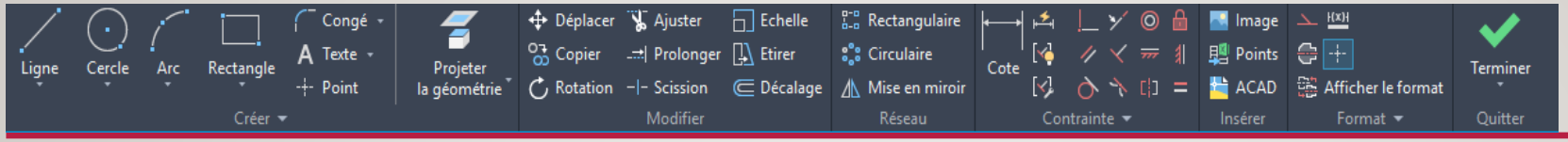


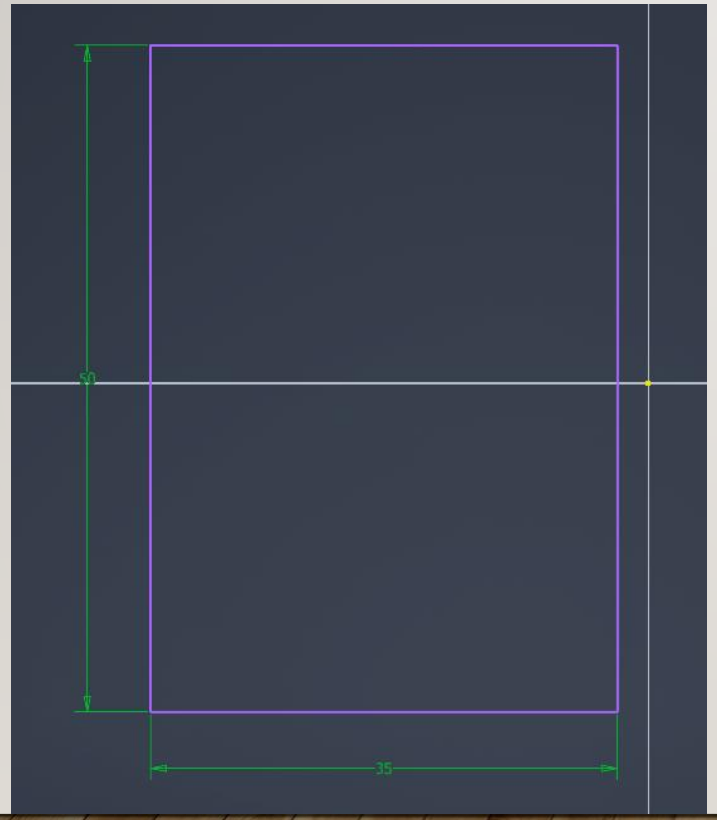
First, click on « Commencer une esquisse 2D ».

Choose now the XY plan.



3)DRAW THE LINES

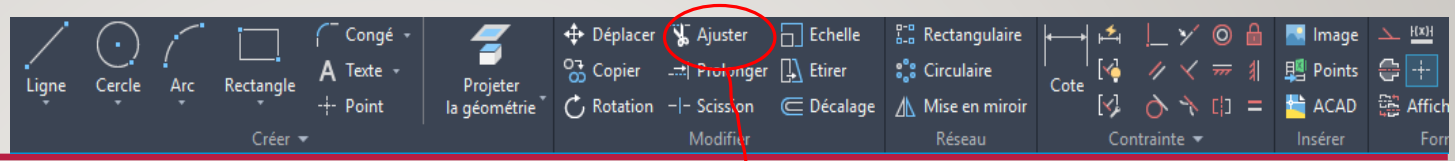


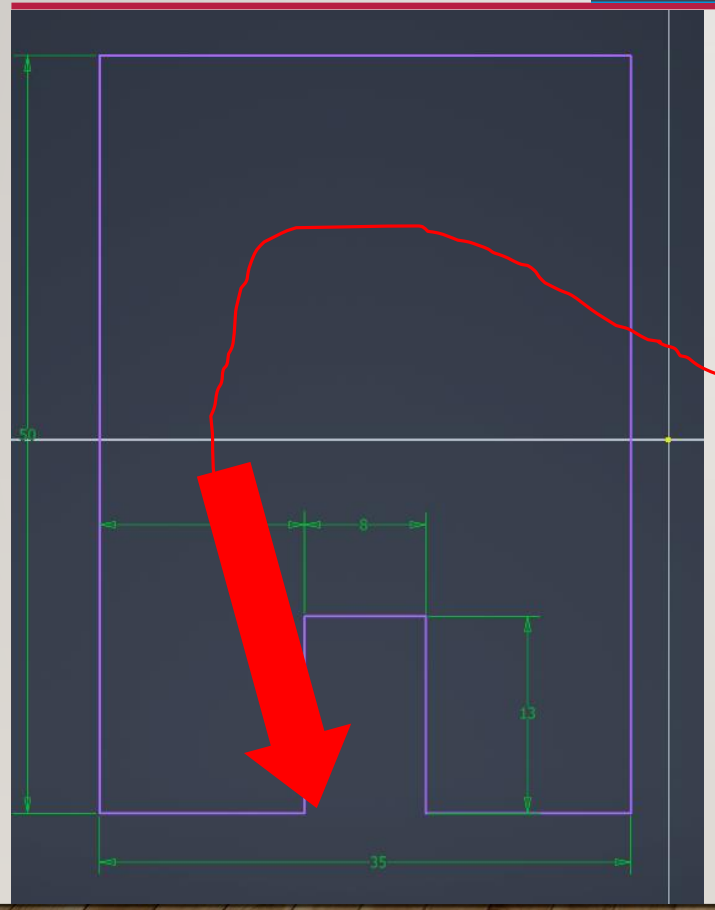


Here are all of the controls to make your object in 2D.

Draw a rectangle on 50 by 35.

4)MORE LINES

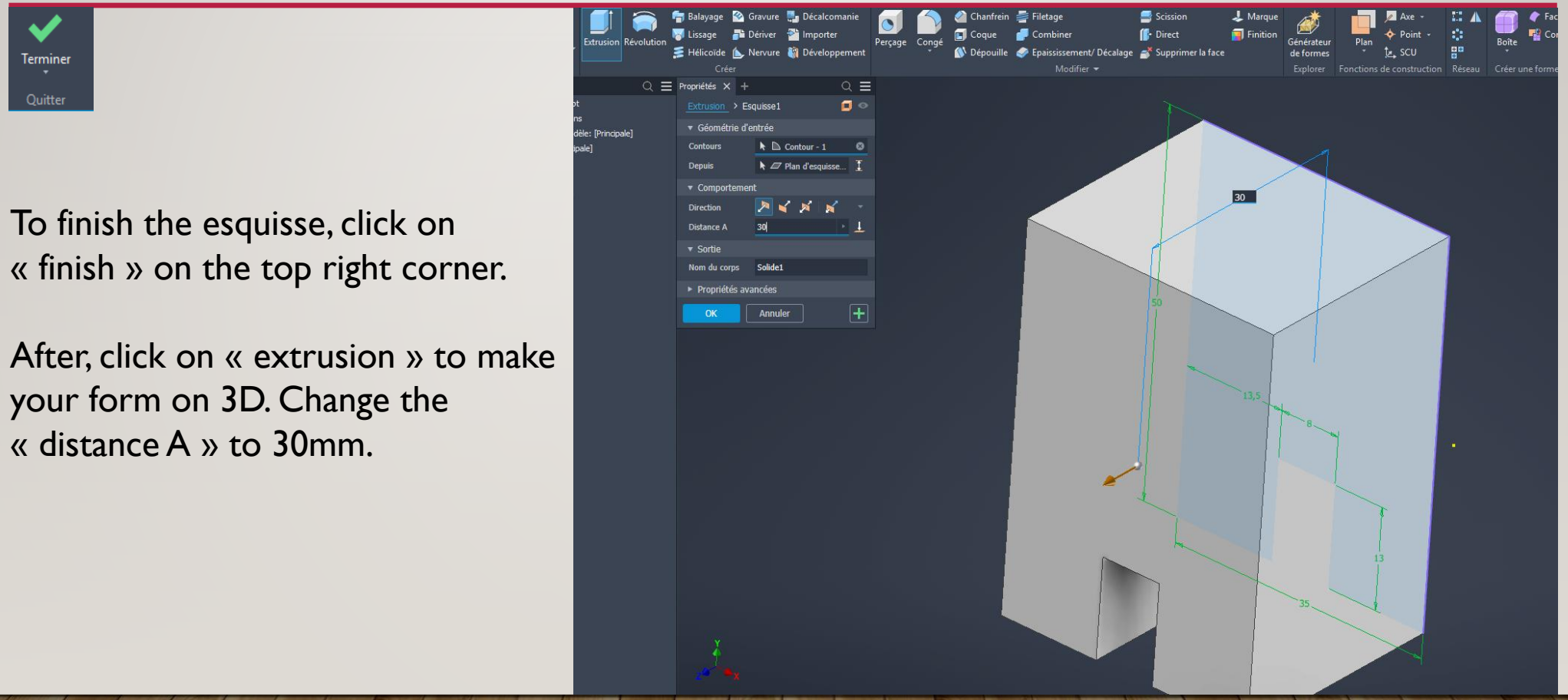




First, draw a rectangle down and add the same cotes as me.

Click now to ajust the line and make the legs.

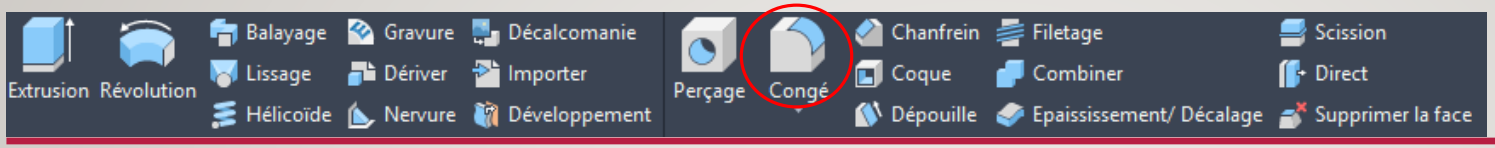
5)FIRST EXTRUSION



To finish the esquisse, click on « finish » on the top right corner.

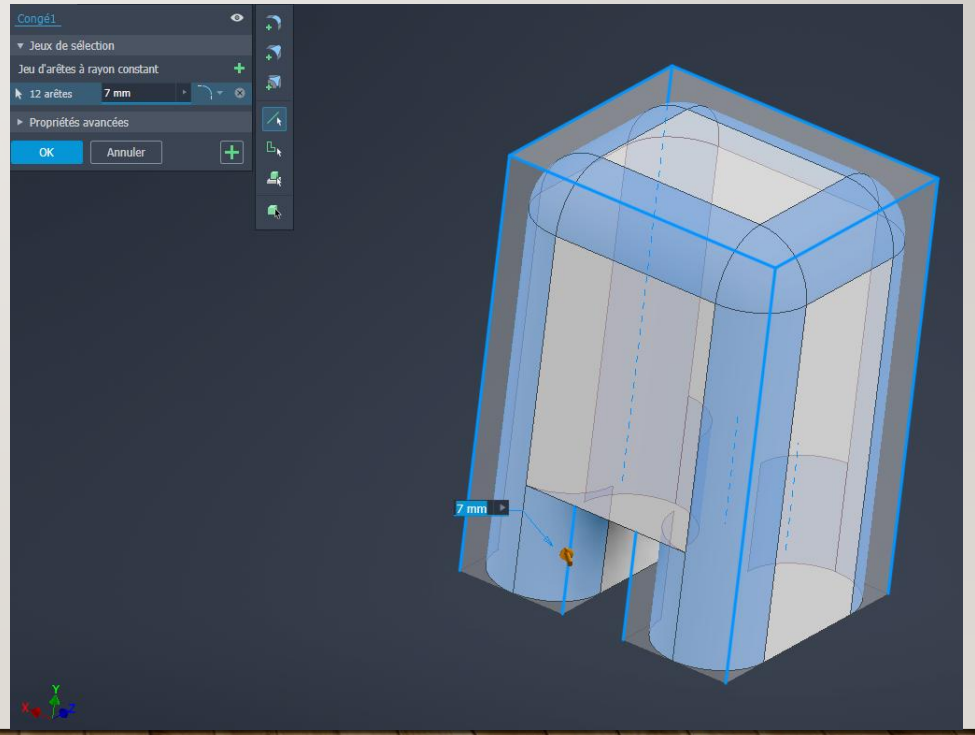
After, click on « extrusion » to make your form on 3D. Change the « distance A » to 30mm.

6)AROUNDING THE LINES



Click on « congé » and change the valory to 7mm.

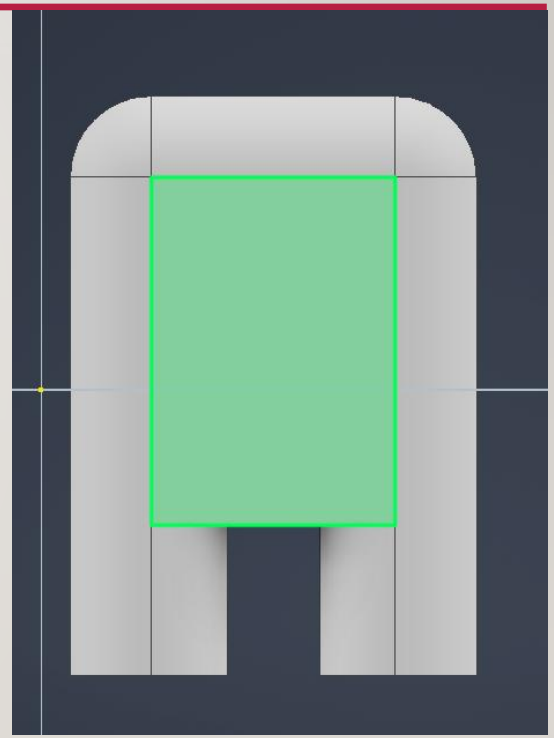
Click now on every edges like that.

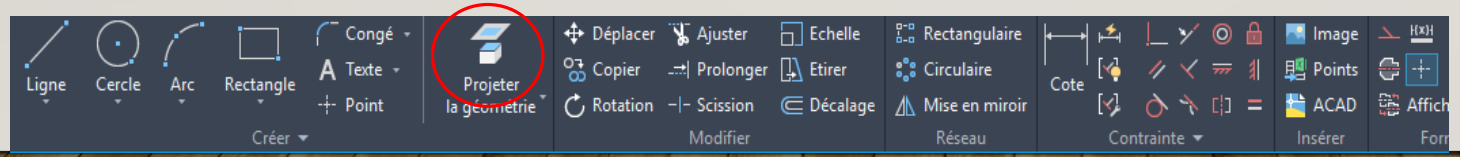


7)SECOND SKETCH

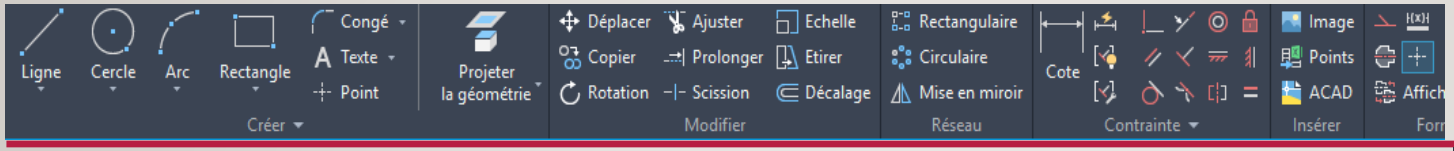
Do a new esquisse on the rectangle.

Click on « projeter la géométrie » and click again on the rectangle.

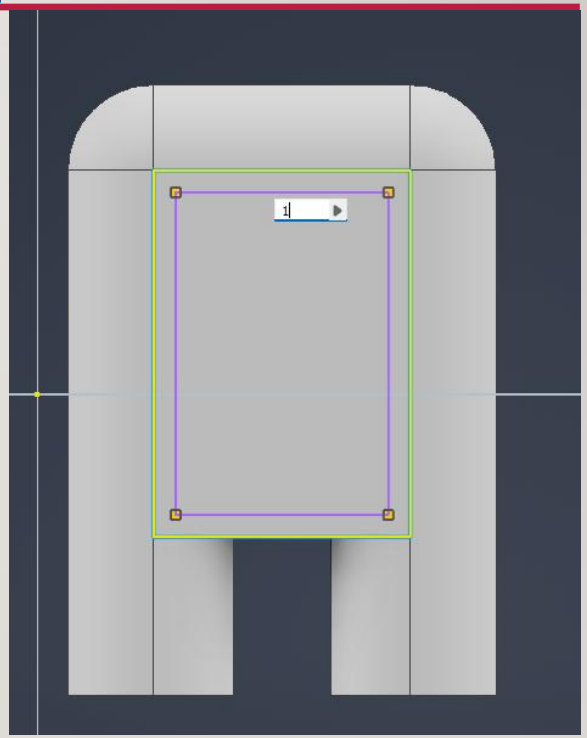




8)SKETCH OF THE BAG OF AMONGUS

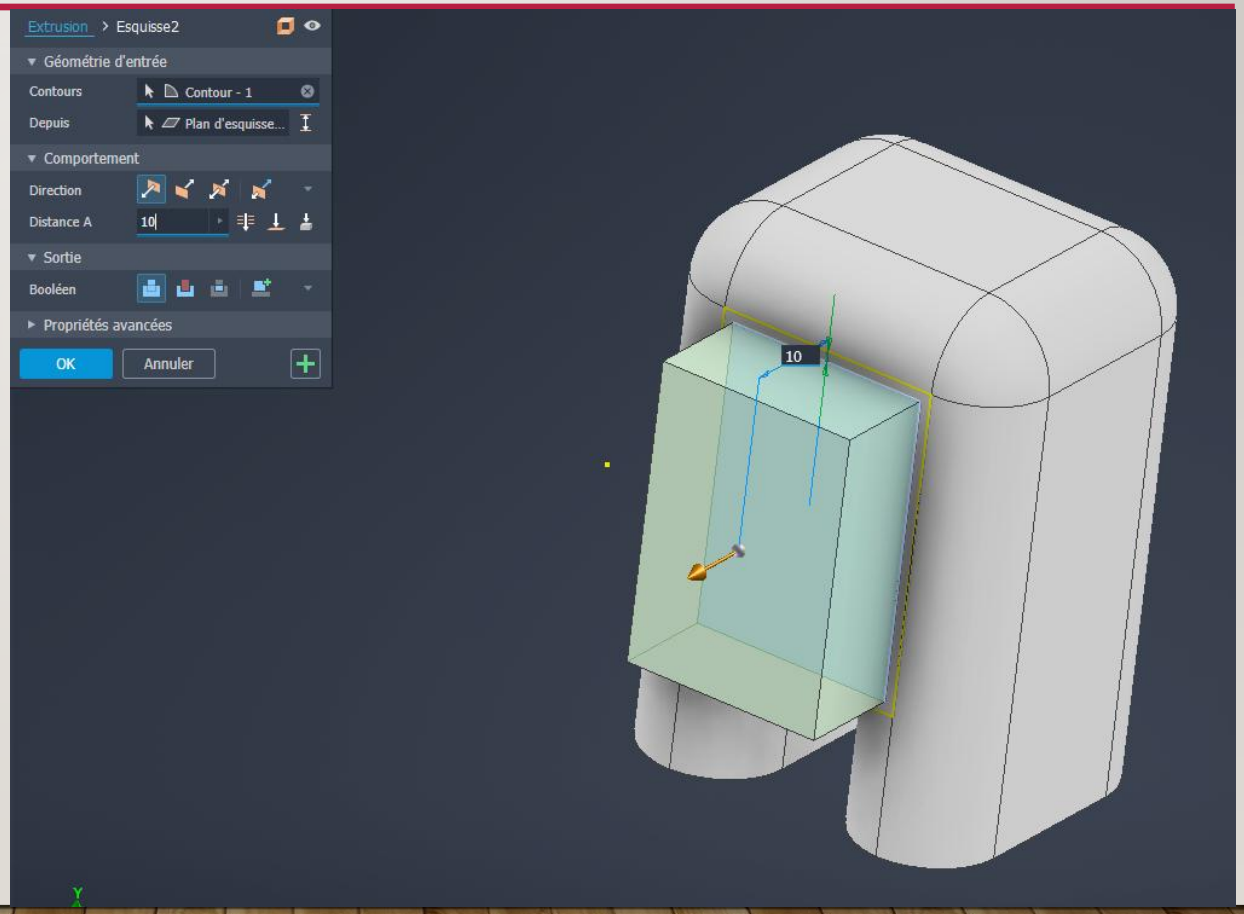


Use « décalage » and click on the rectangle. Write 1mm.



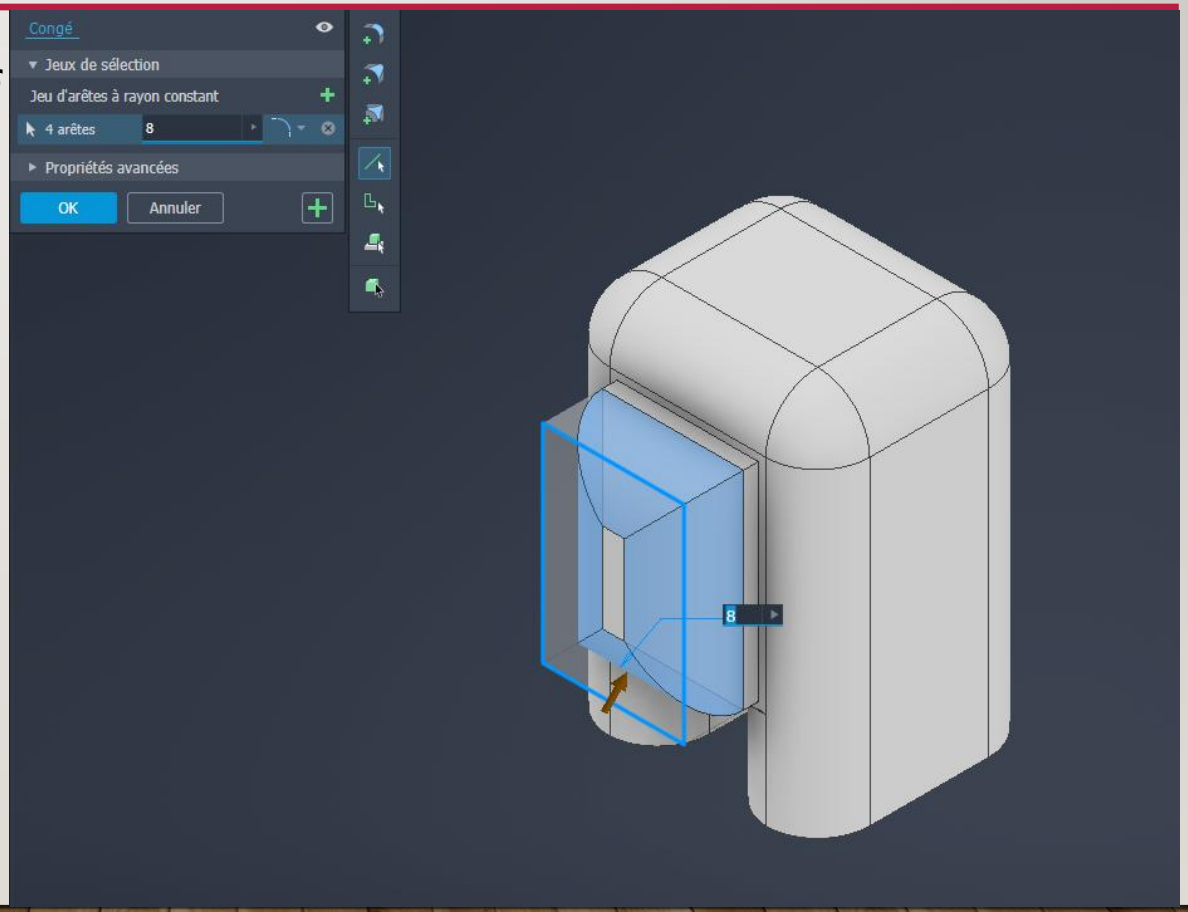
9)EXTRUSION OF THE BAG

Click on « extrusion » and write 10mm.

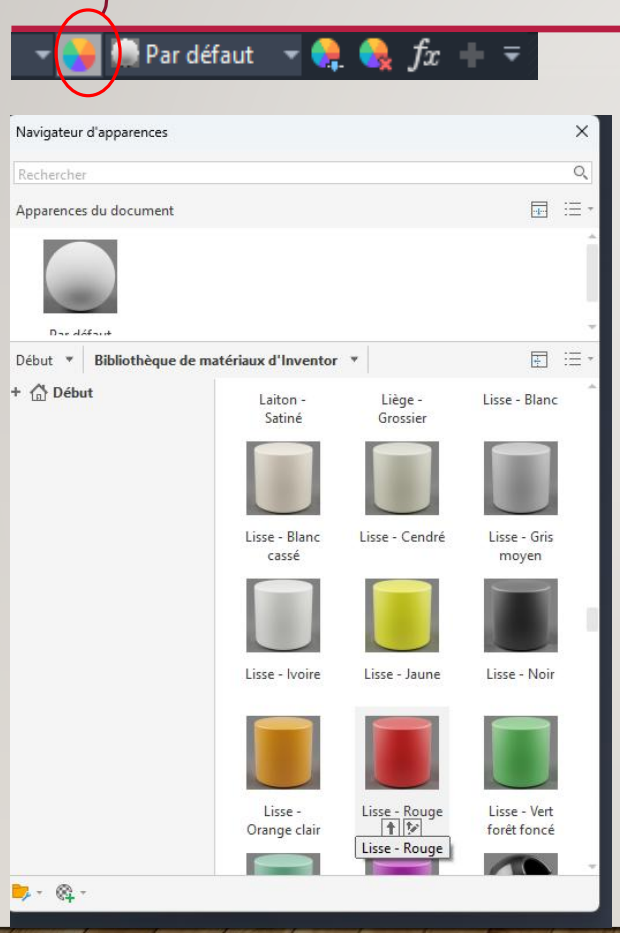


10)AROUNDING THE BAG

Click on « congé » and on the rectangle of the bag. Write 8mm.



11)CHANGE THE COLOR

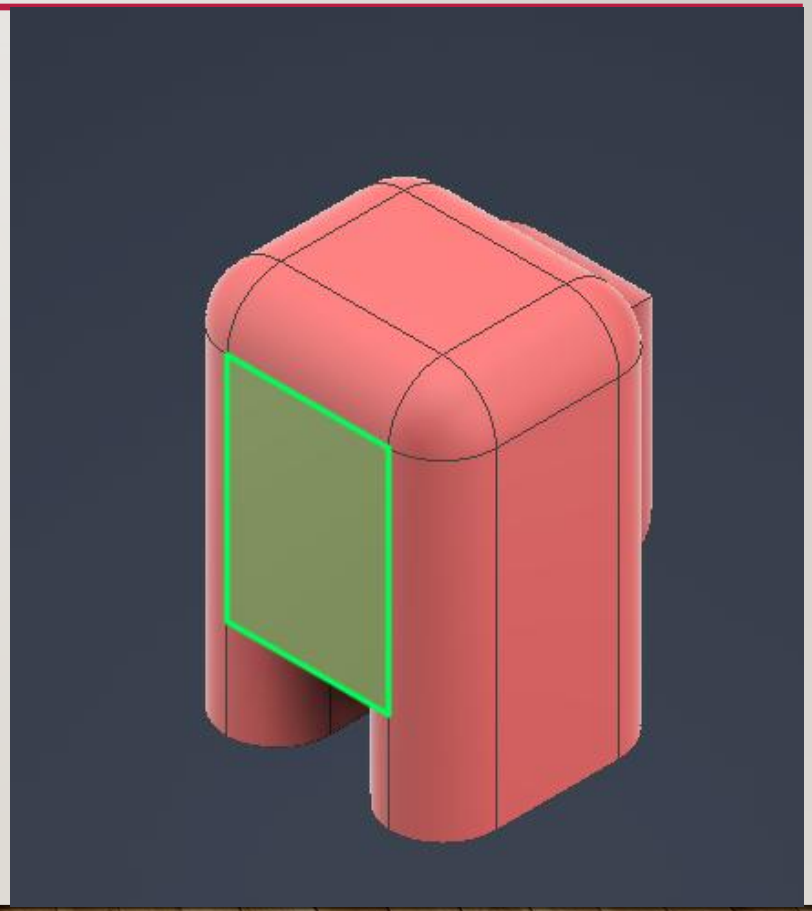


Select all of the piece and click on and choose the color red .



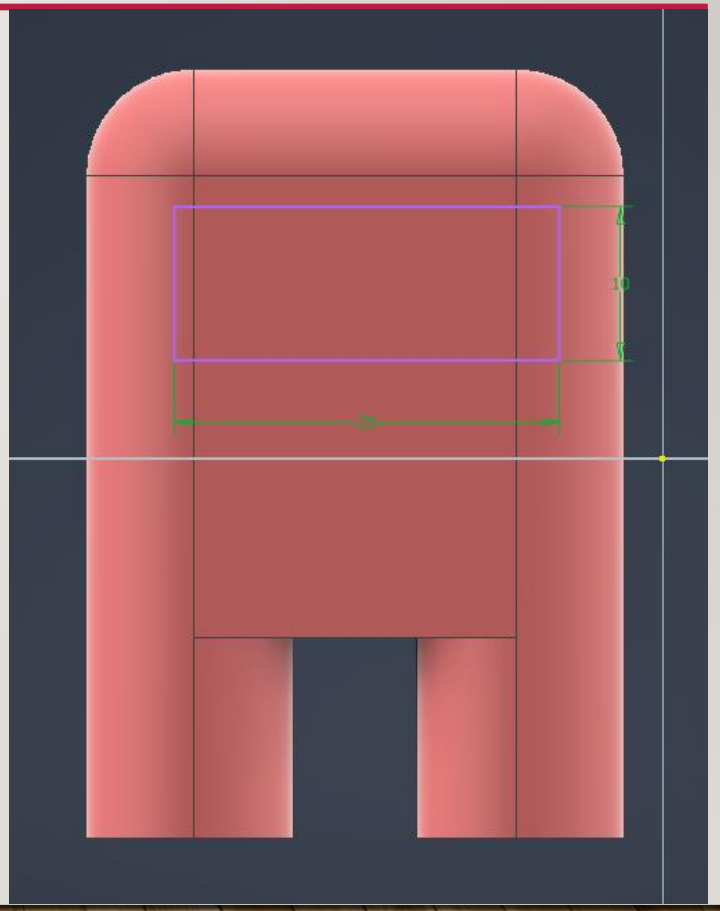
12)THE EYES OF AMONGUS

Create a sketch on the other side of the piece.



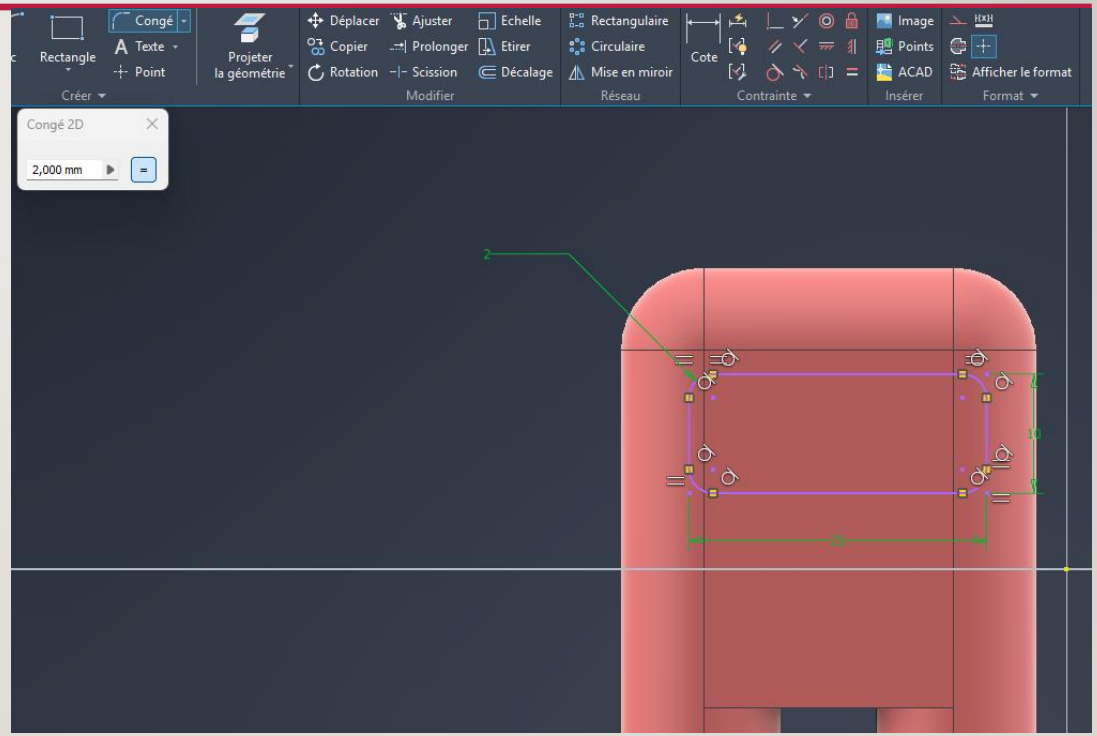
13)CREATE THE EYES

Draw a rectangle of 25mm by 10mm.



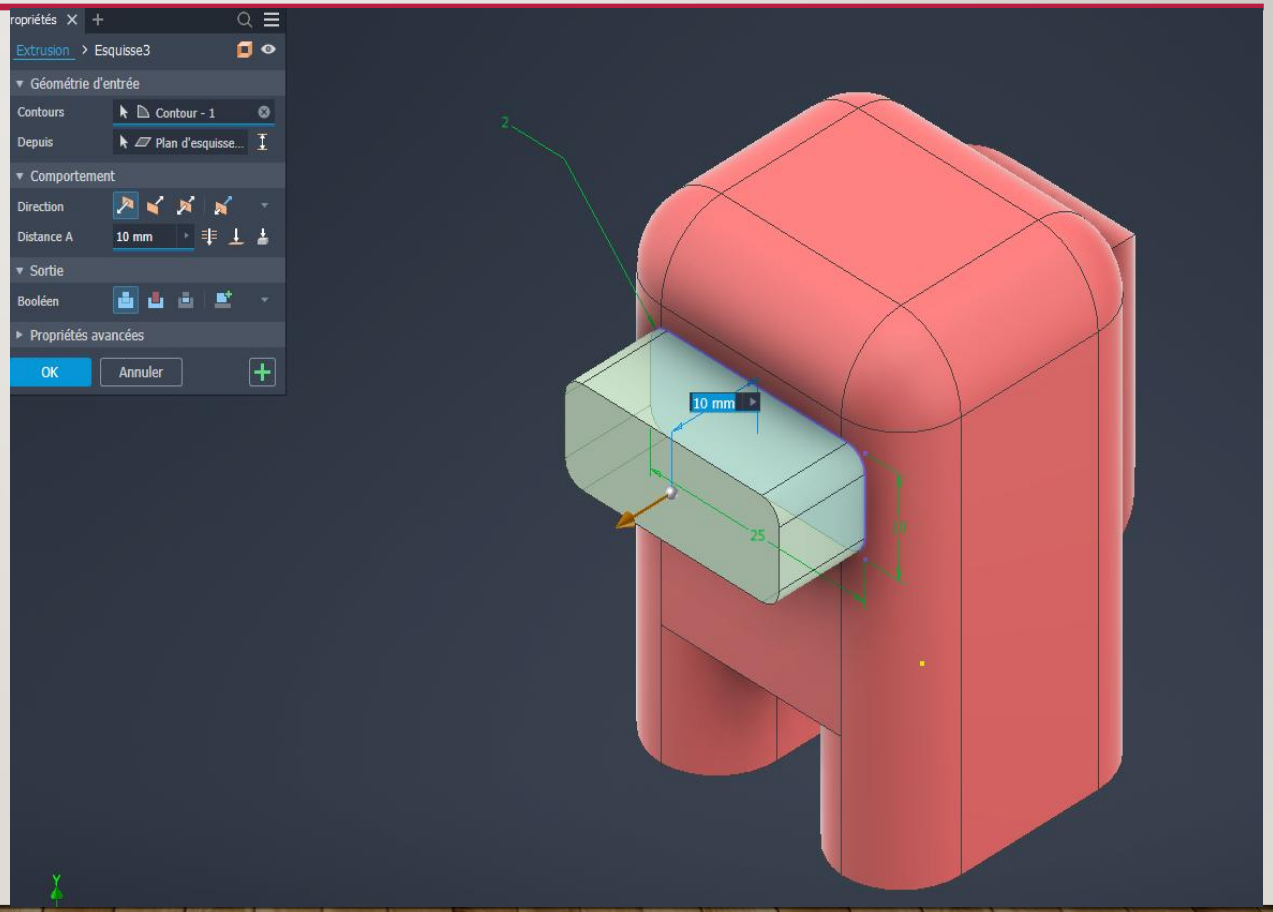
14)AROUNDING THE EYES

Click on « congé » and click on the 4 corners. Write 2 mm.



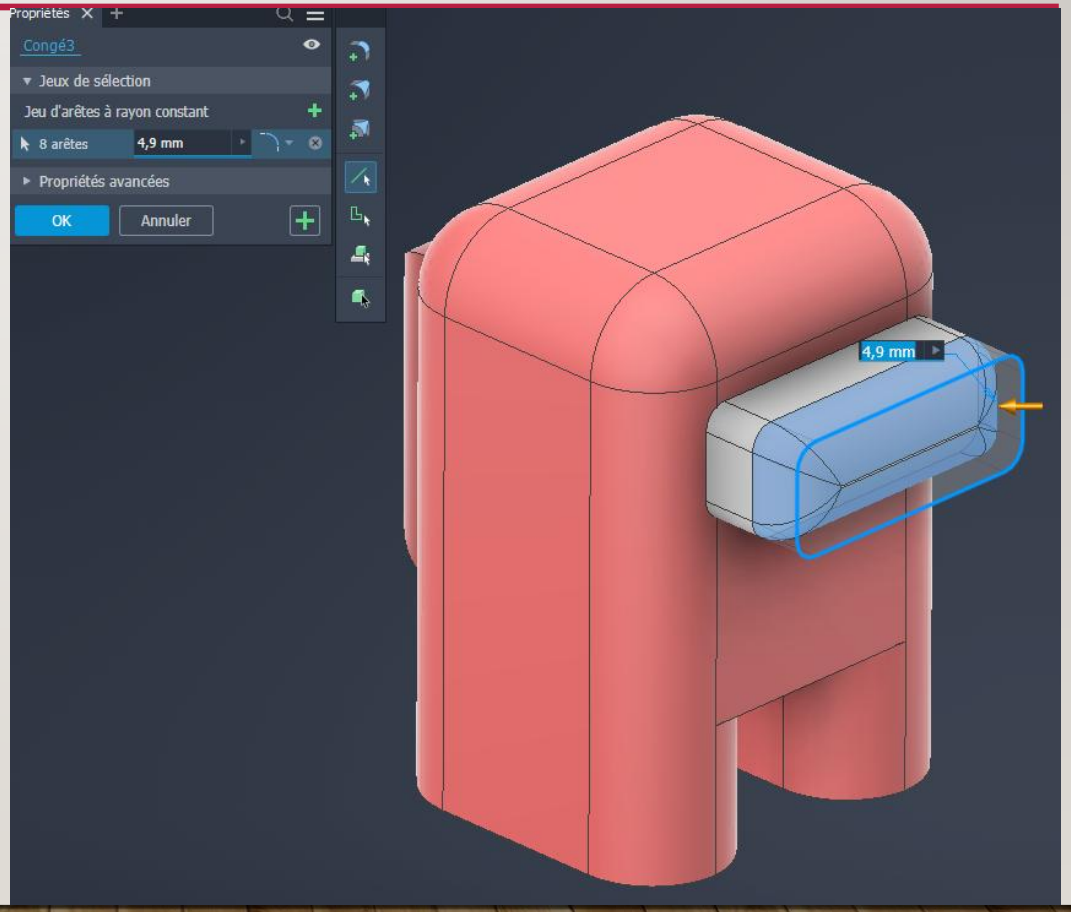
15)EXTRUSION OF THE EYES

Click on « extrusion » and on the rectangle. Write 10mm.



16)AROUNDING THE EYES

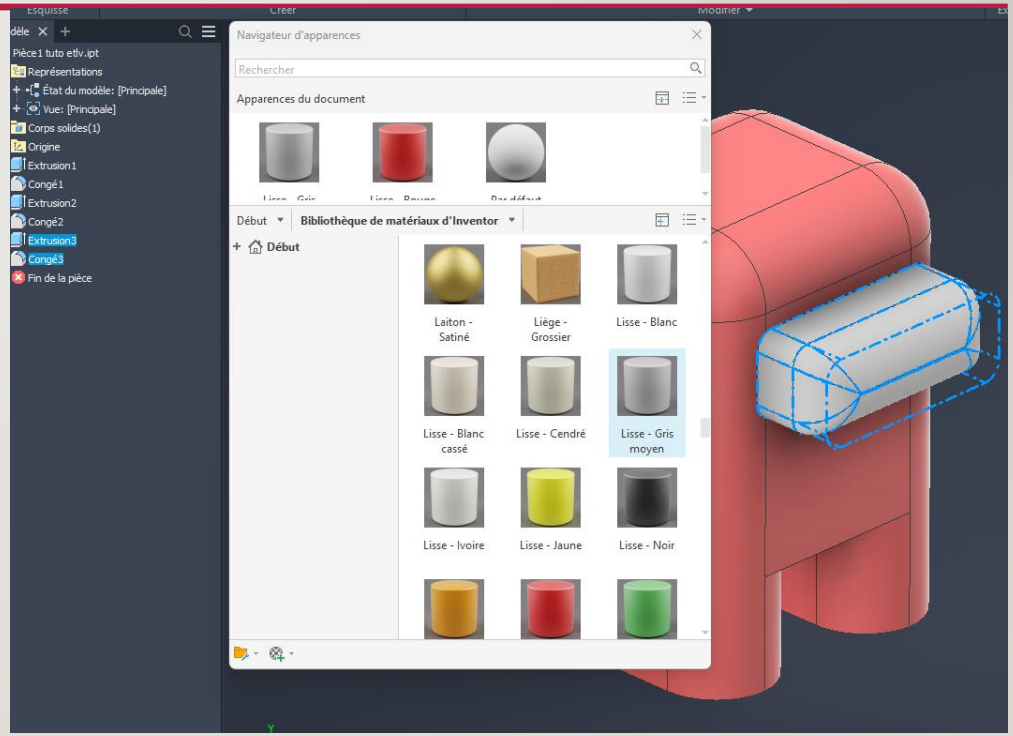
Click on « congé » and on the rectangle.
Write 4,9mm.



17)CHANGE THE COLOR OF THE EYES

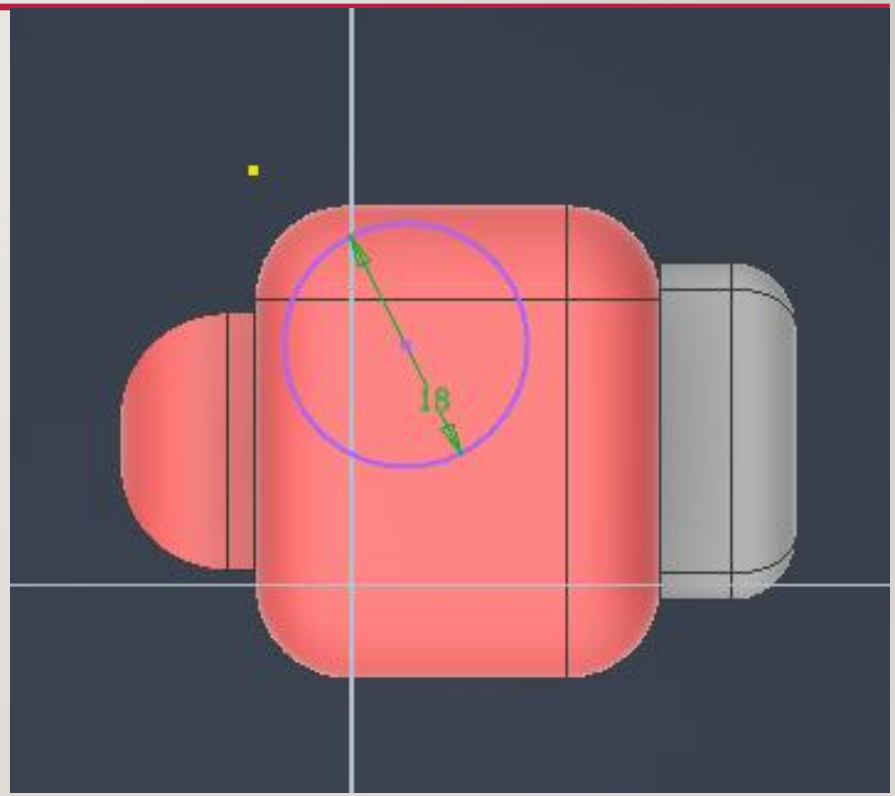


Click here and choose mid grey.



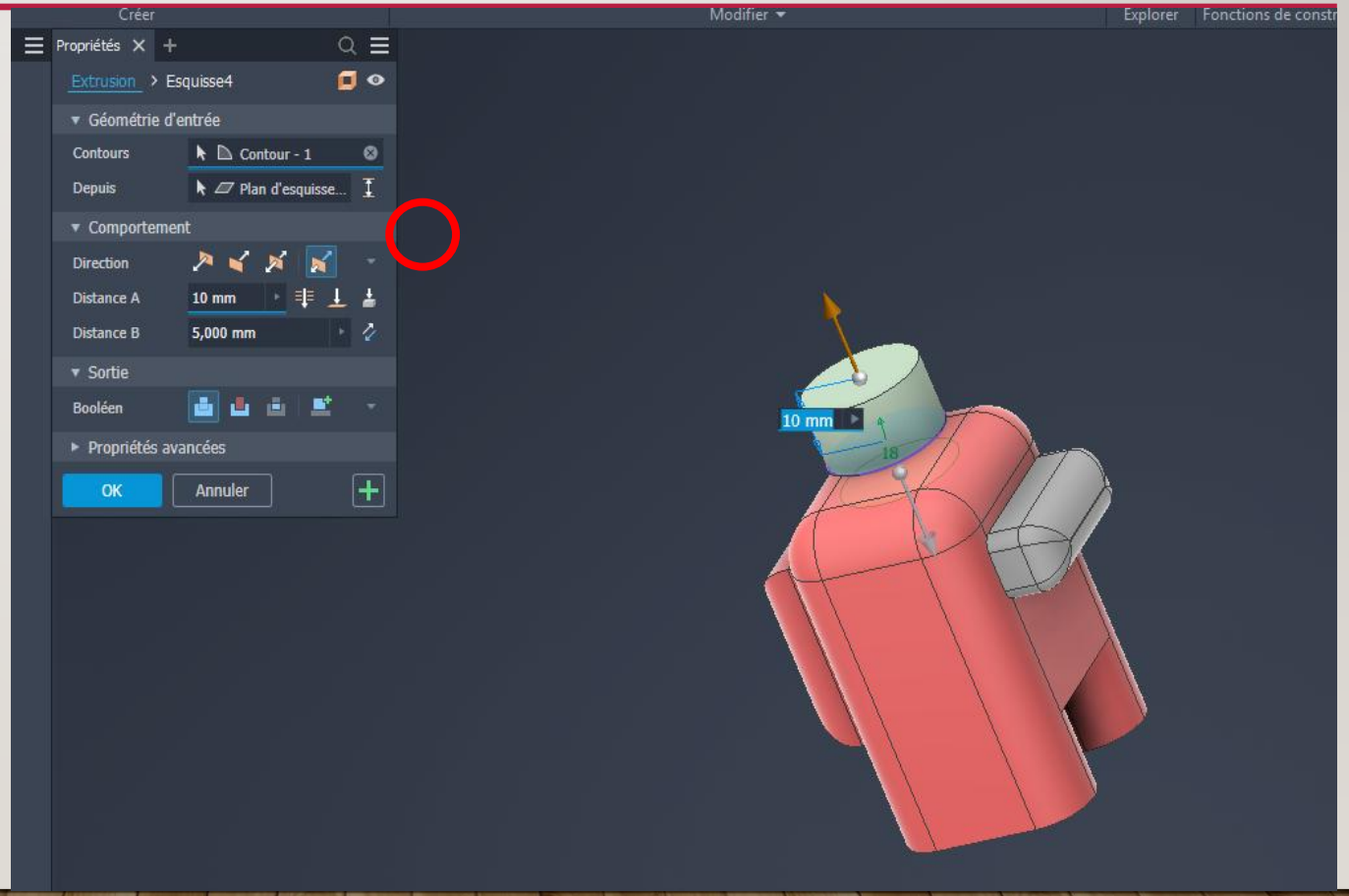
18)SUCTION CUP

Create a sketch and do a circle by 18 on the top of the head



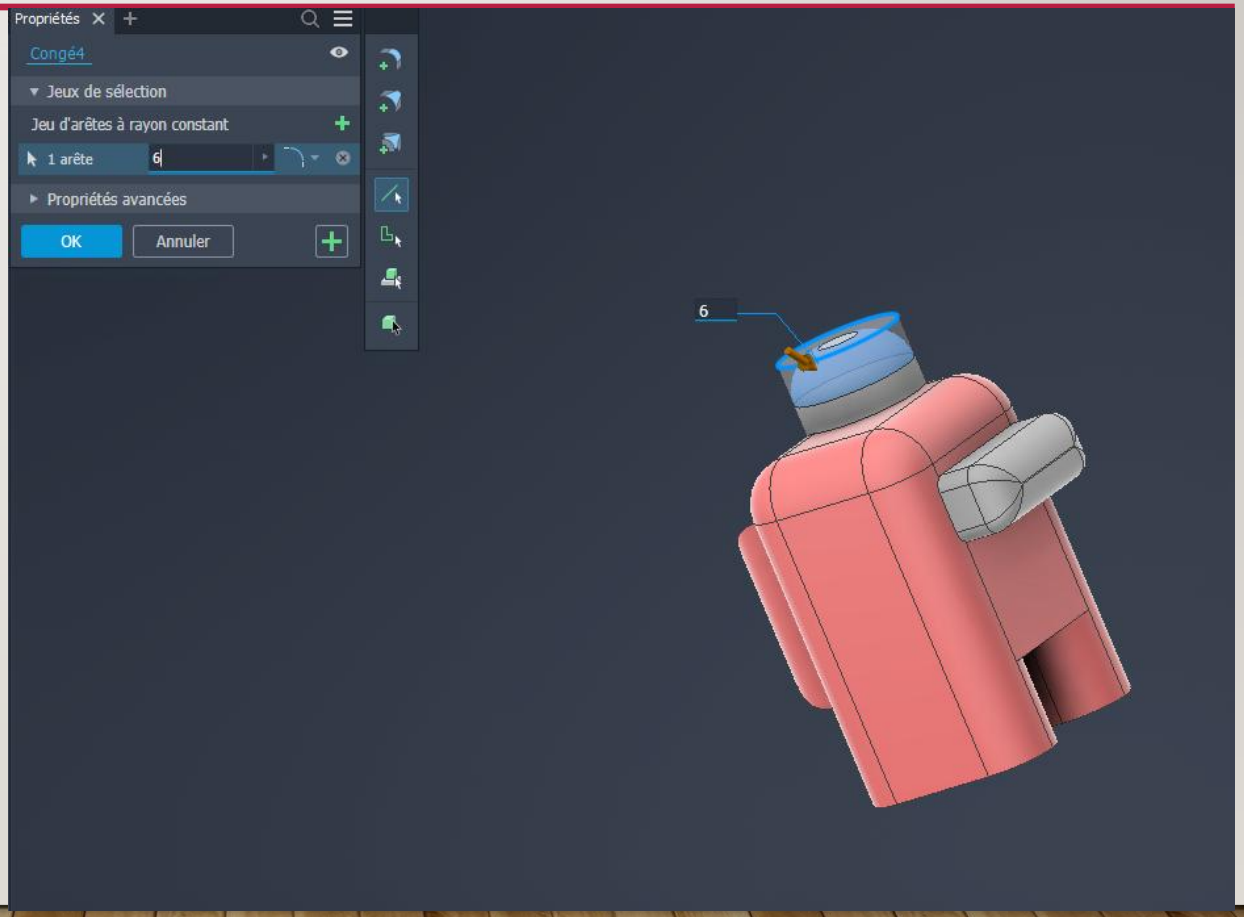
19)EXTRUDE THE SUCTION CUP

Extrude matier on the both side of the circle ; First 10mm and second 5mm.



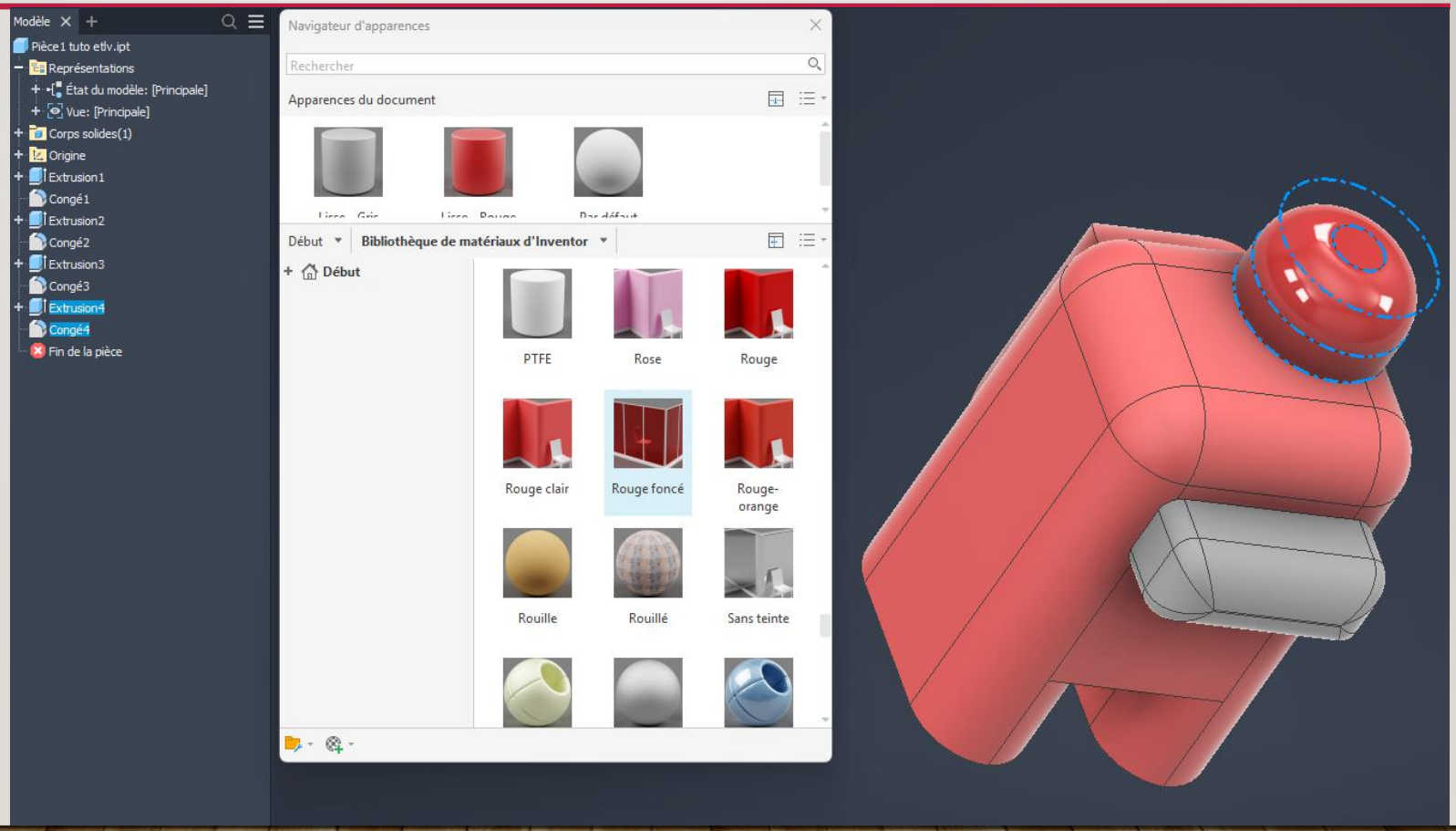
20)AROUNDING THE SUCTION CUP

Do a conge of 6 mm on the circle.



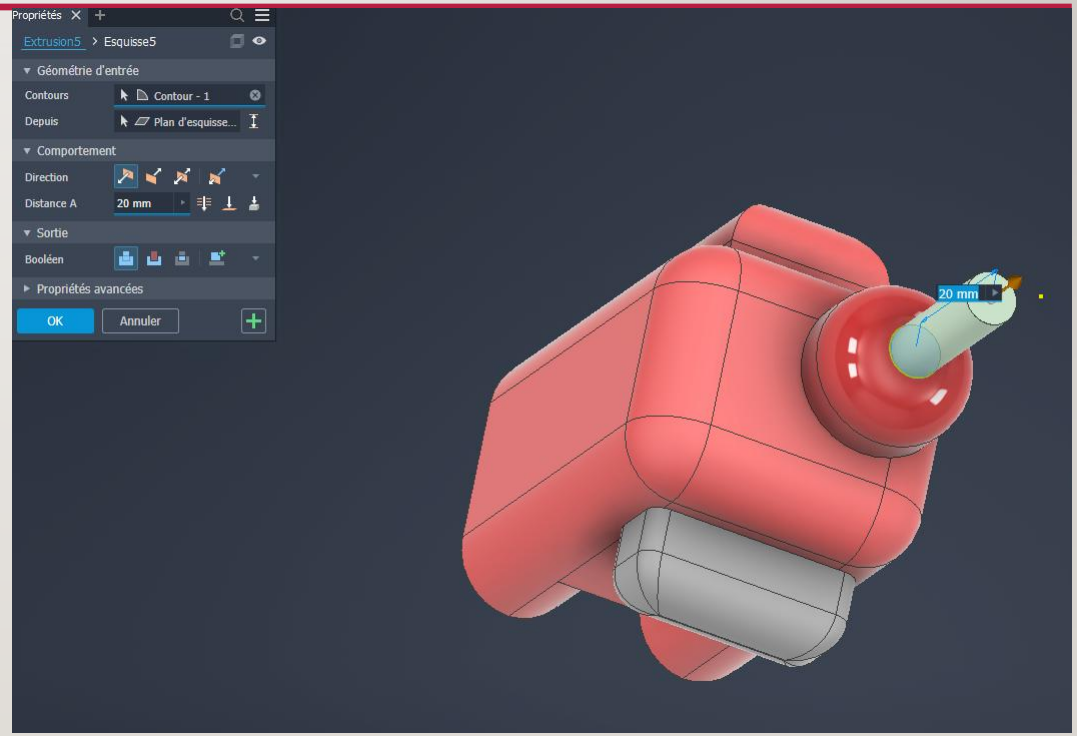
21)CHANGE THE COLOR

Choose the dark red color.



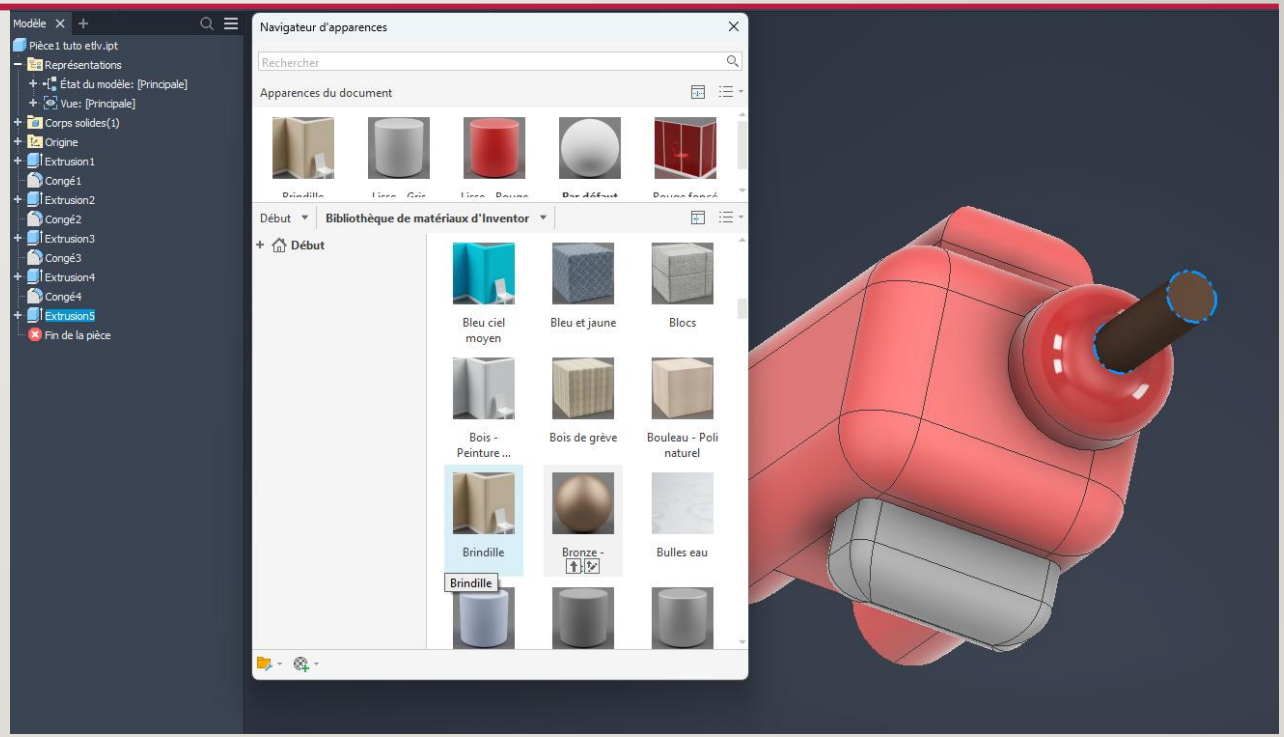
22)THE SLEEVE OF THE SUCTION CUP

Extrude matier on the remaining circle and add 20 mm.



23)CHANGE THE COLOR OF THE SLEEVE

Choose the twig color.



THANK YOU FOR DOING THIS TUTO