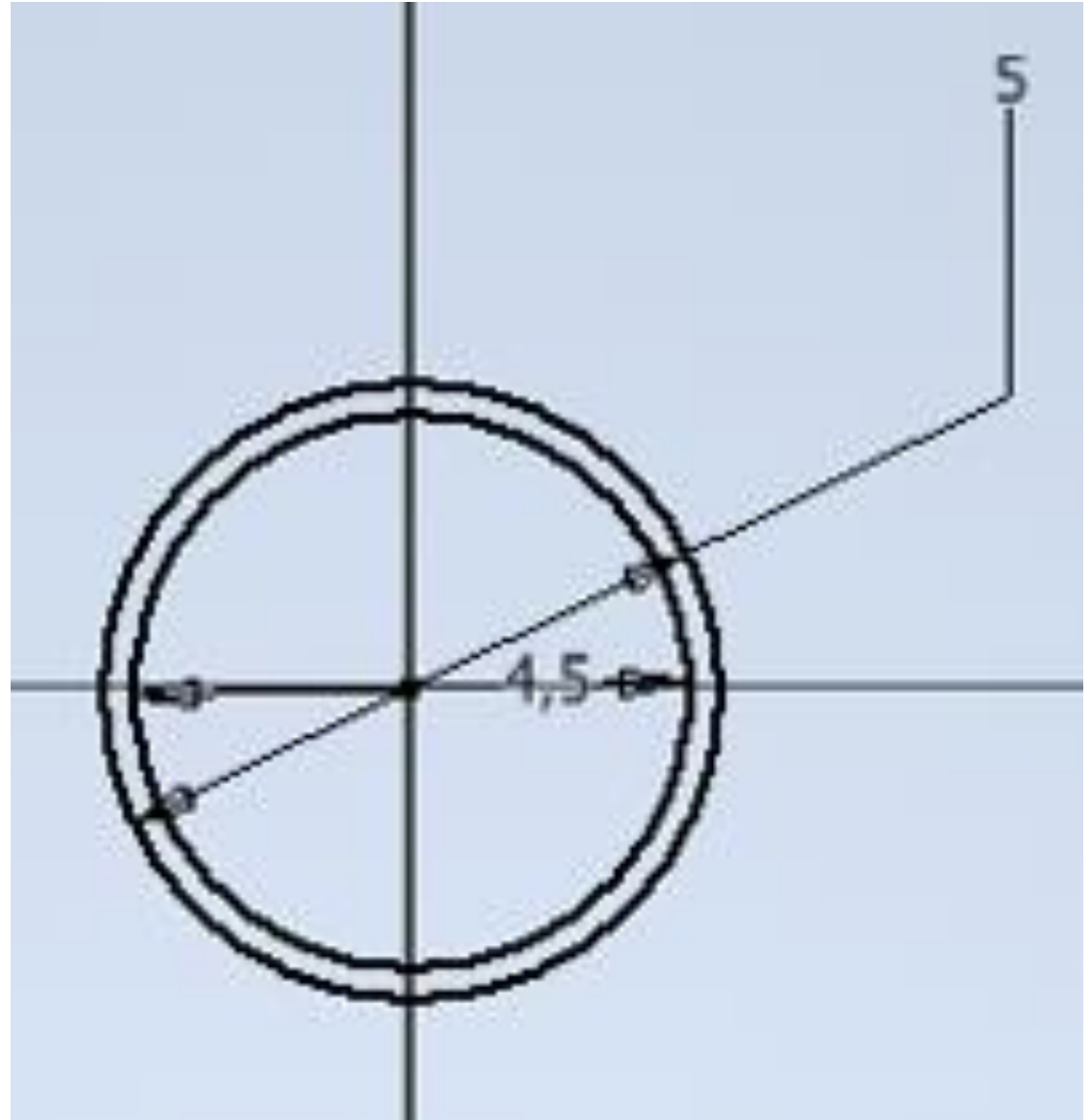


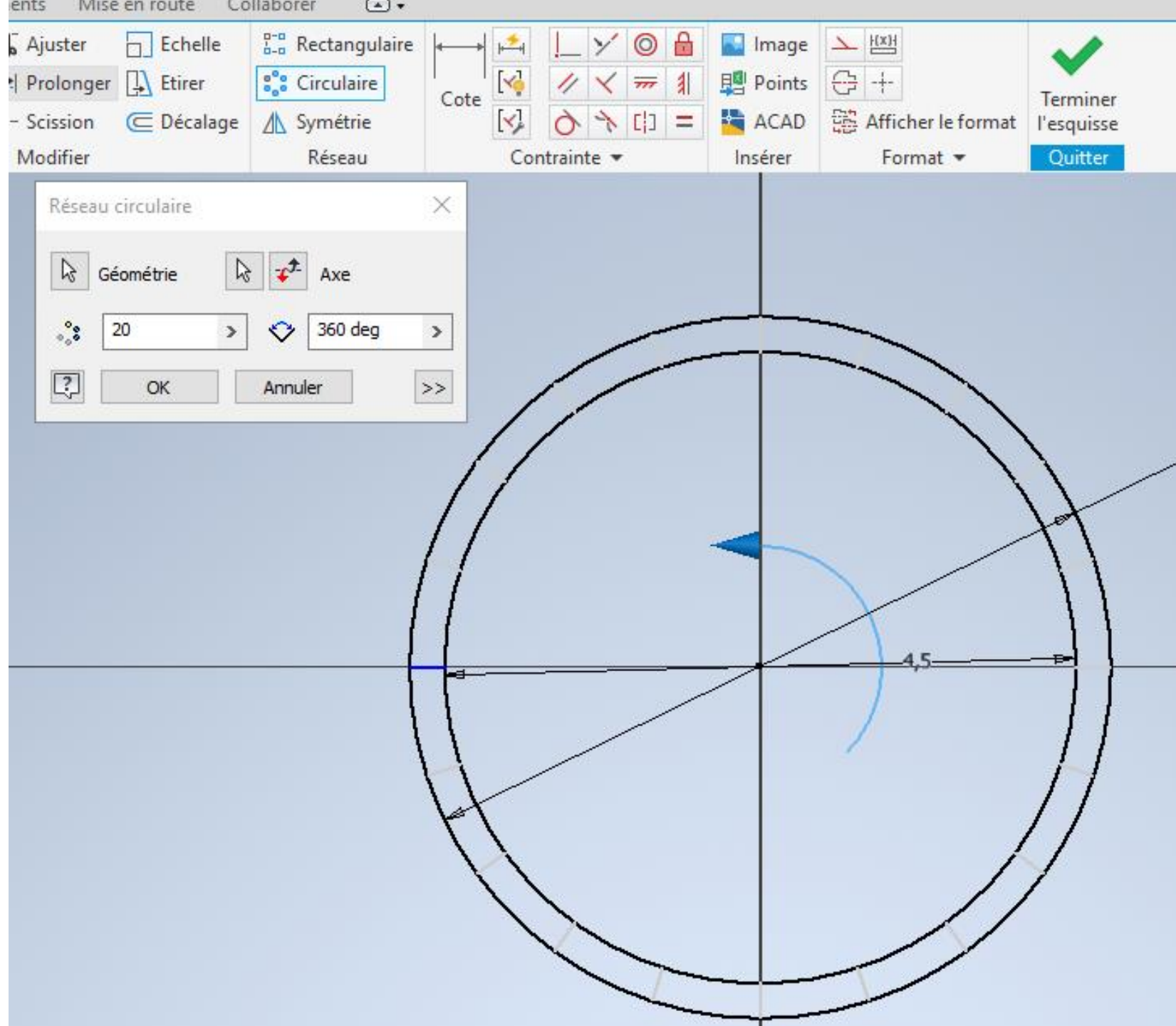
# Tuto **lightsaber**

By Creuzet Quentin

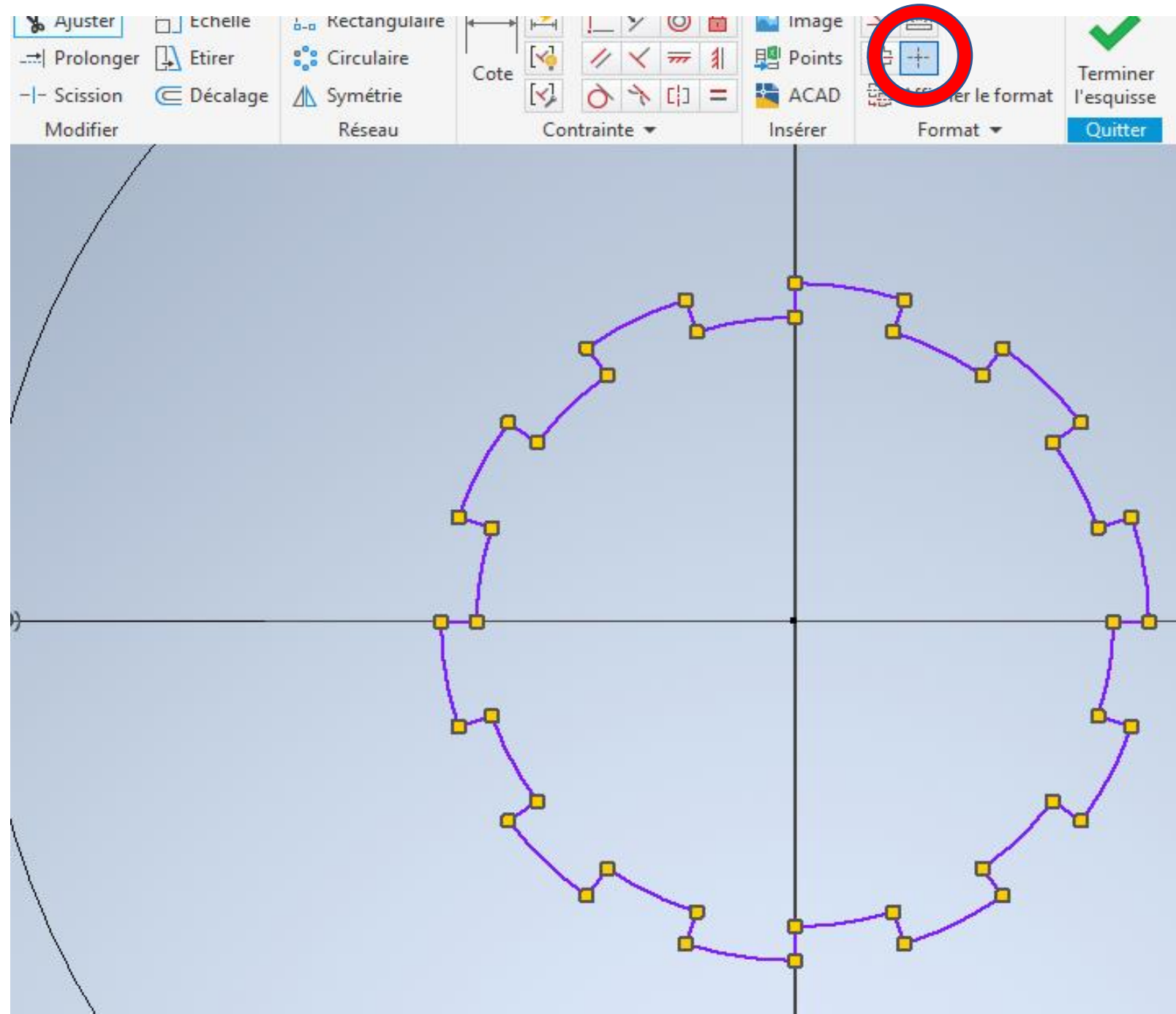
- make 2 circles of 4.5 and 5 in diameter



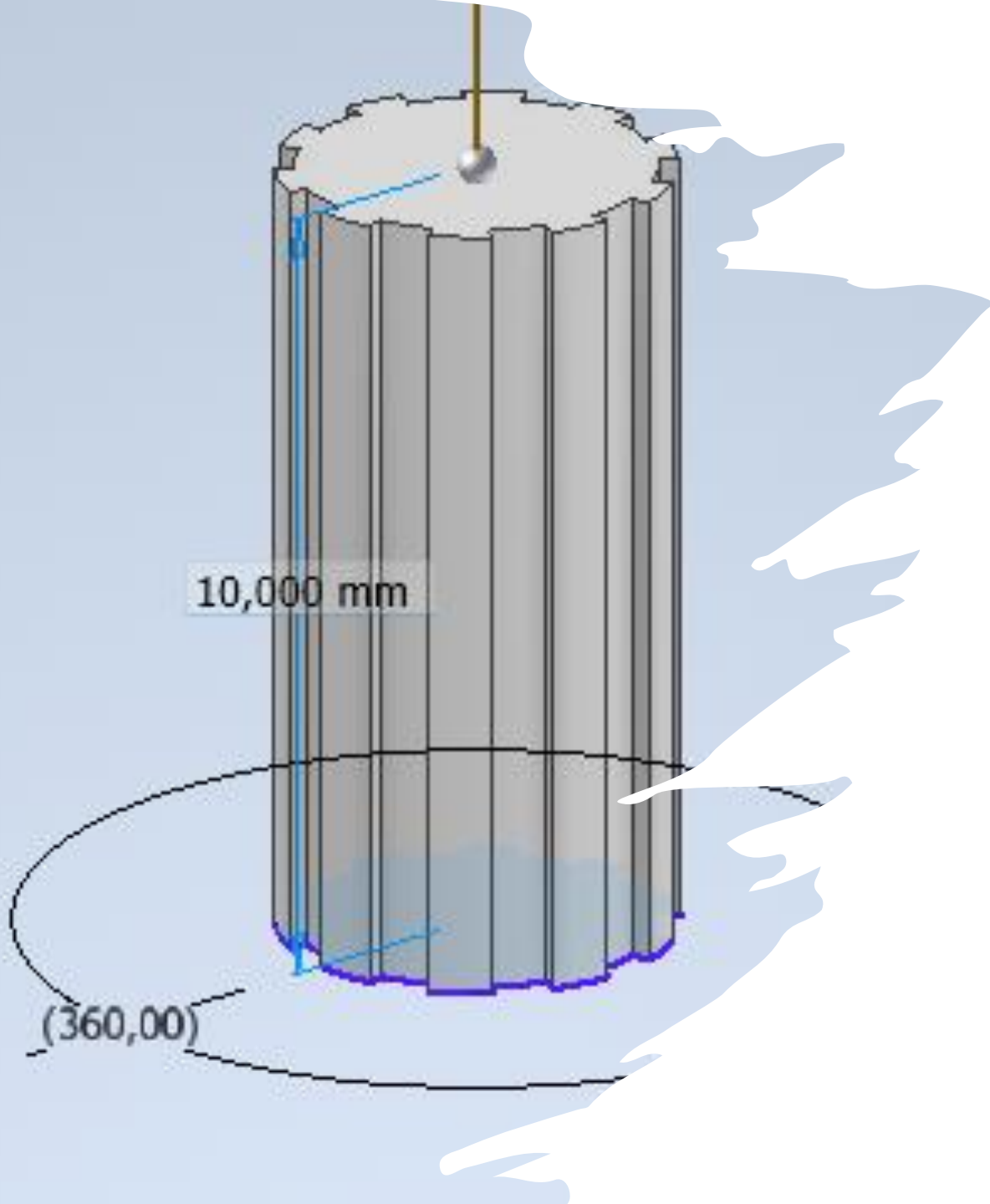
- Place a straight line between the two circles.
- With the (circle) tool
- make a circular symmetry repeat 20 times

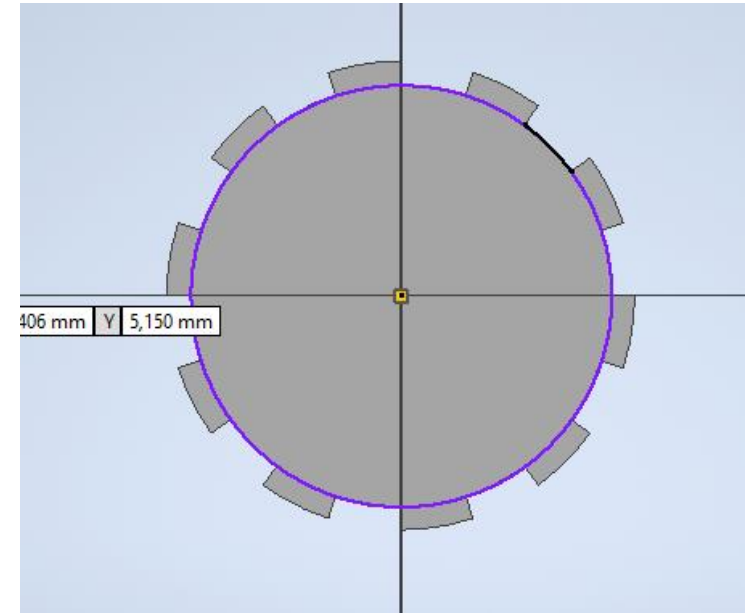
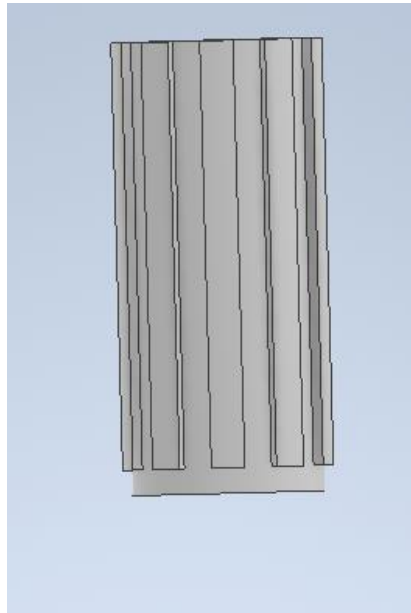


- with the (adjusted) tool by lifting the surplus lines as shown in the picture

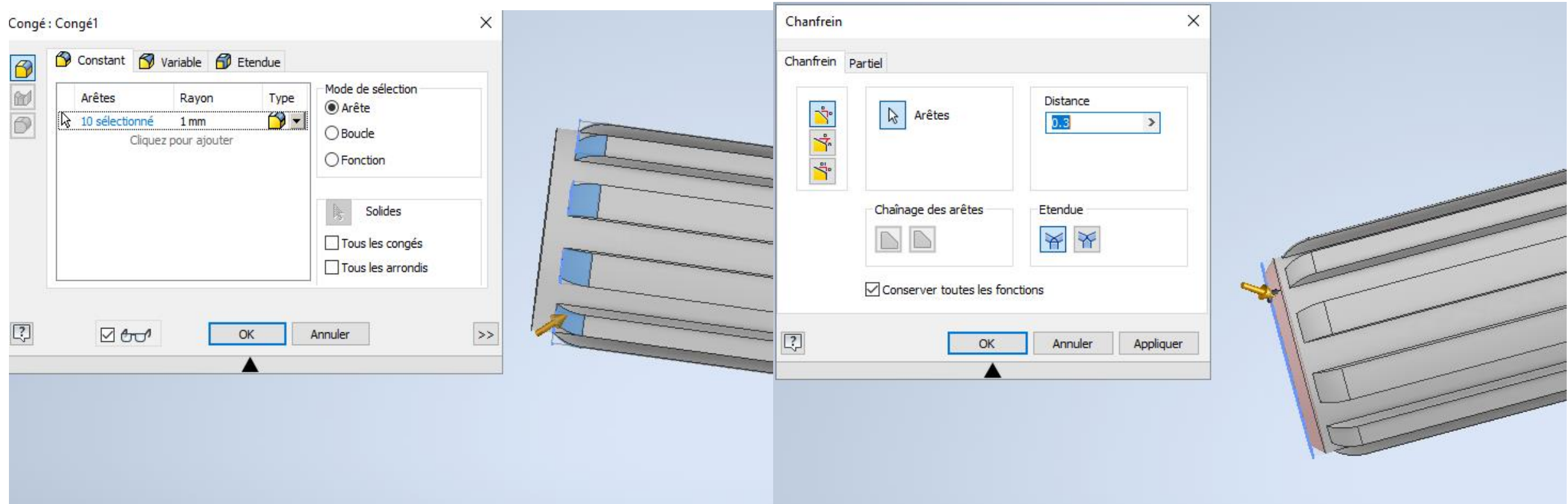


extrude from 10 mm





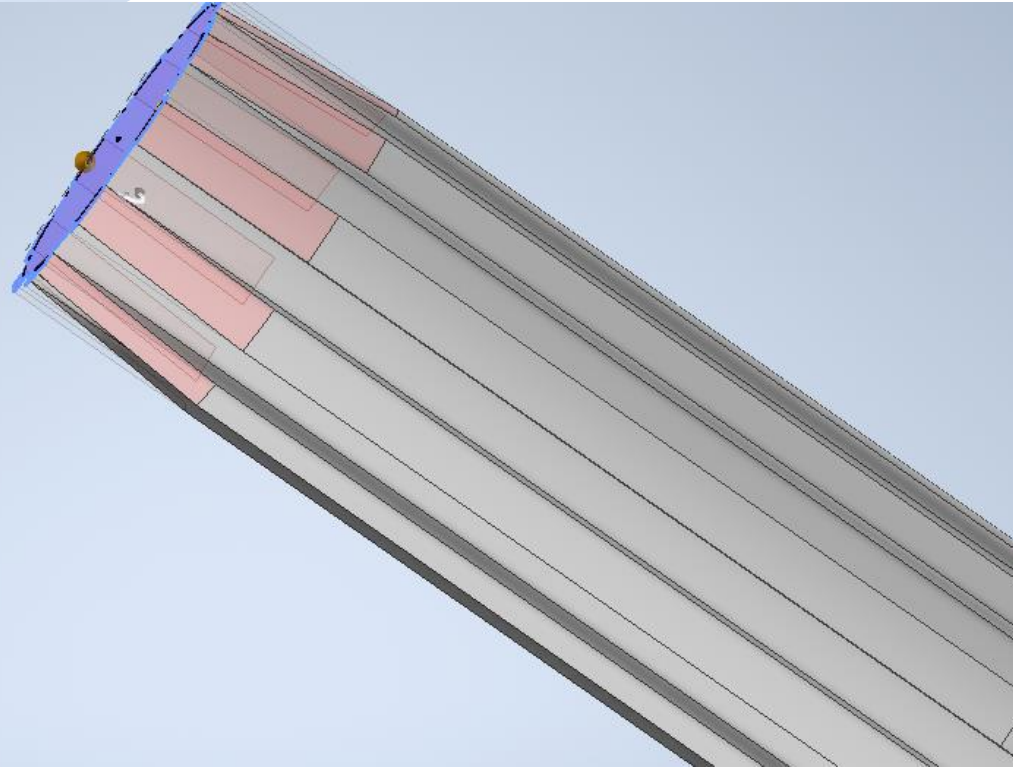
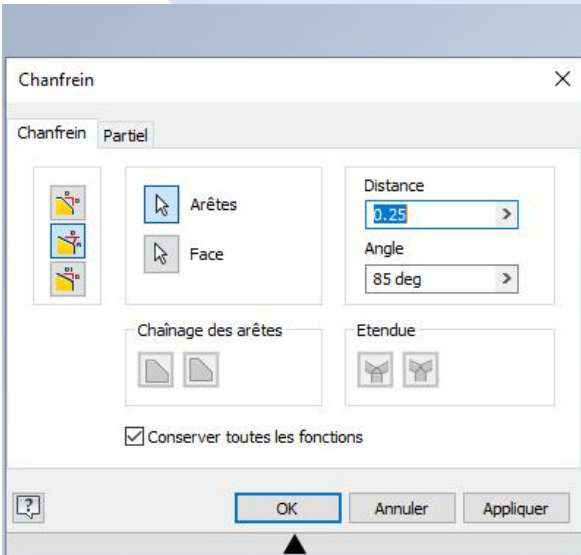
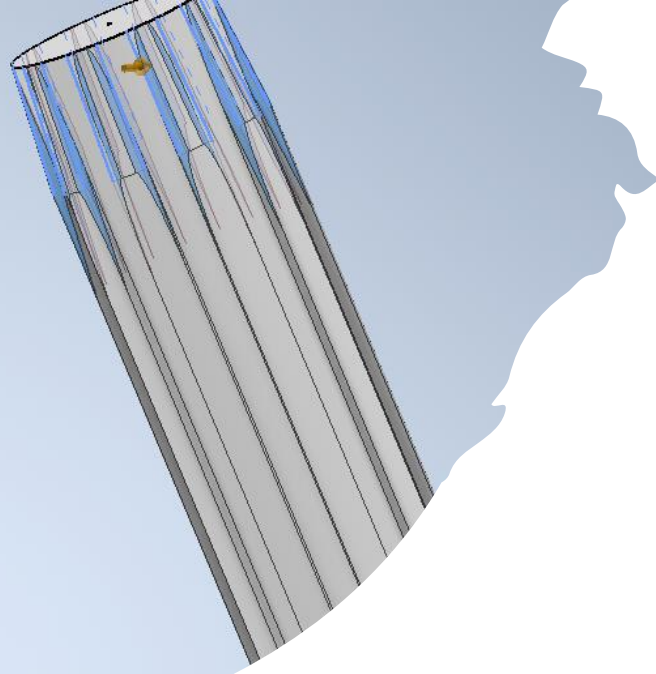
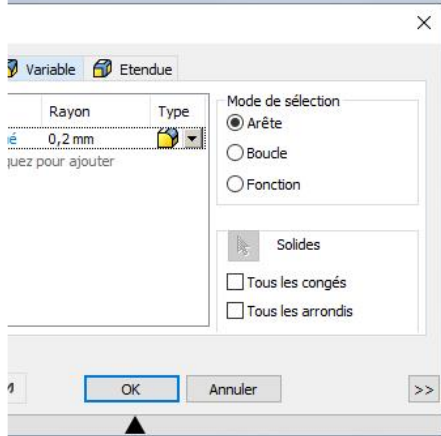
- make a new sketch on the background. Make a new circle identical to the small one, then Extrude 0.5




- Make a 1mm fillet at the bottom as shown and make a 0.3 chamfer at the bottom





make a chamfer of 0.25 with an angle of  $85^\circ$  and made a leave of 0.2 as on picture










Propriétés X + 





Extruder > Esquisse3  






▼ Géométrie d'entrée

Contours   Contour - 1 





Depuis   Plan d'esquisse - 1

▼ Comportement


Direction    |  ▼

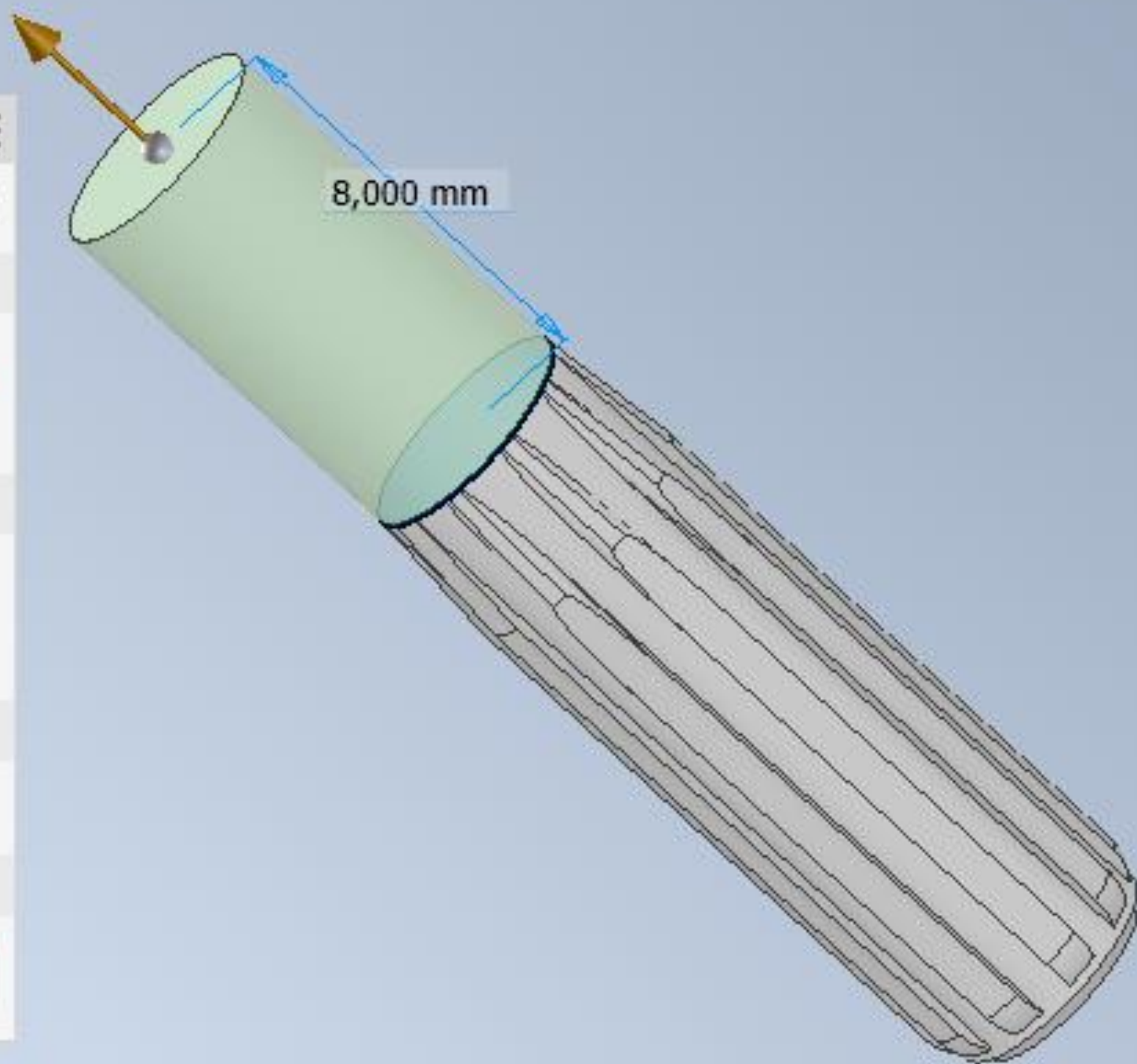
Distance A 8,000 mm     

▼ Sortie

Booléen    |  ▼

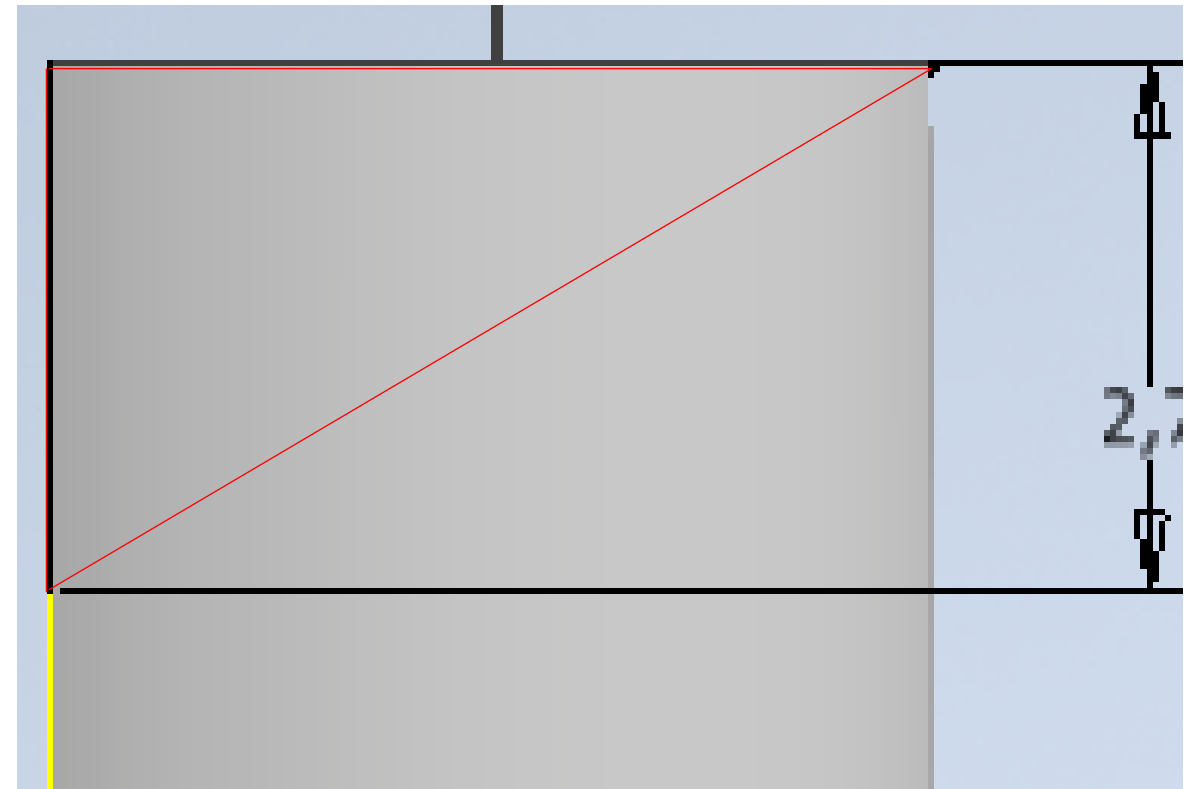
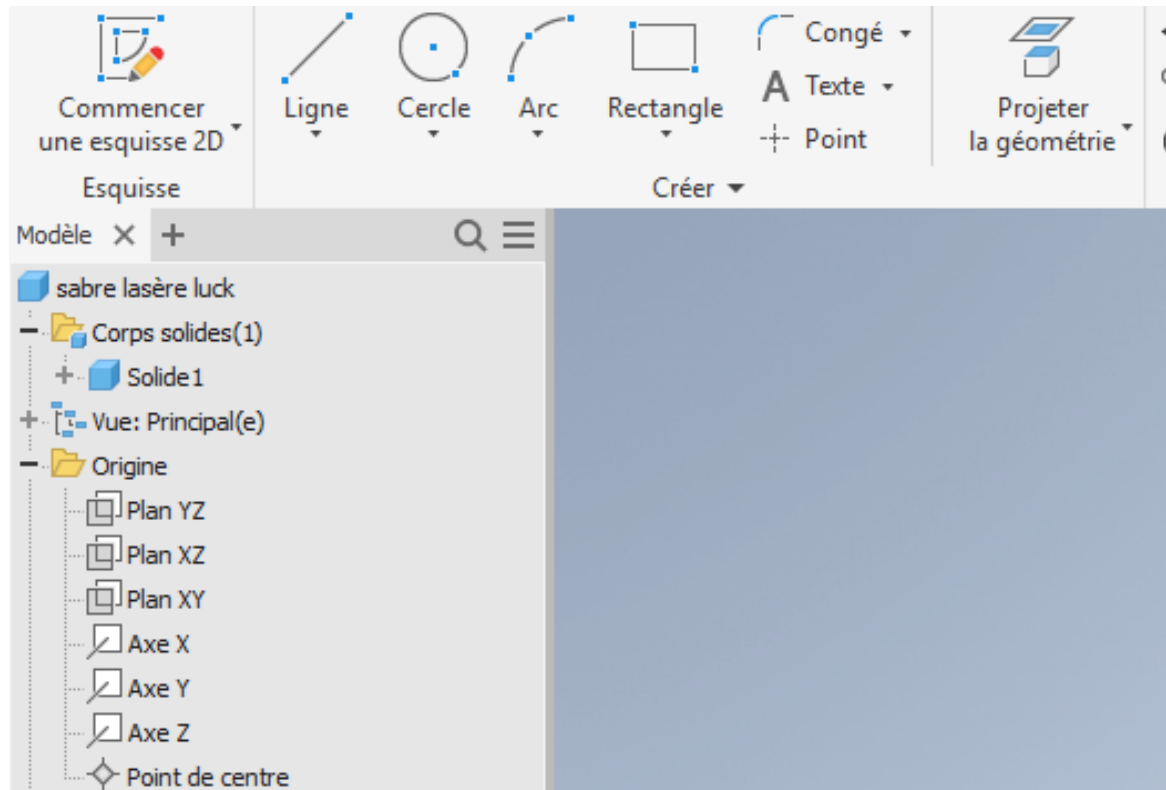
► Propriétés avancées

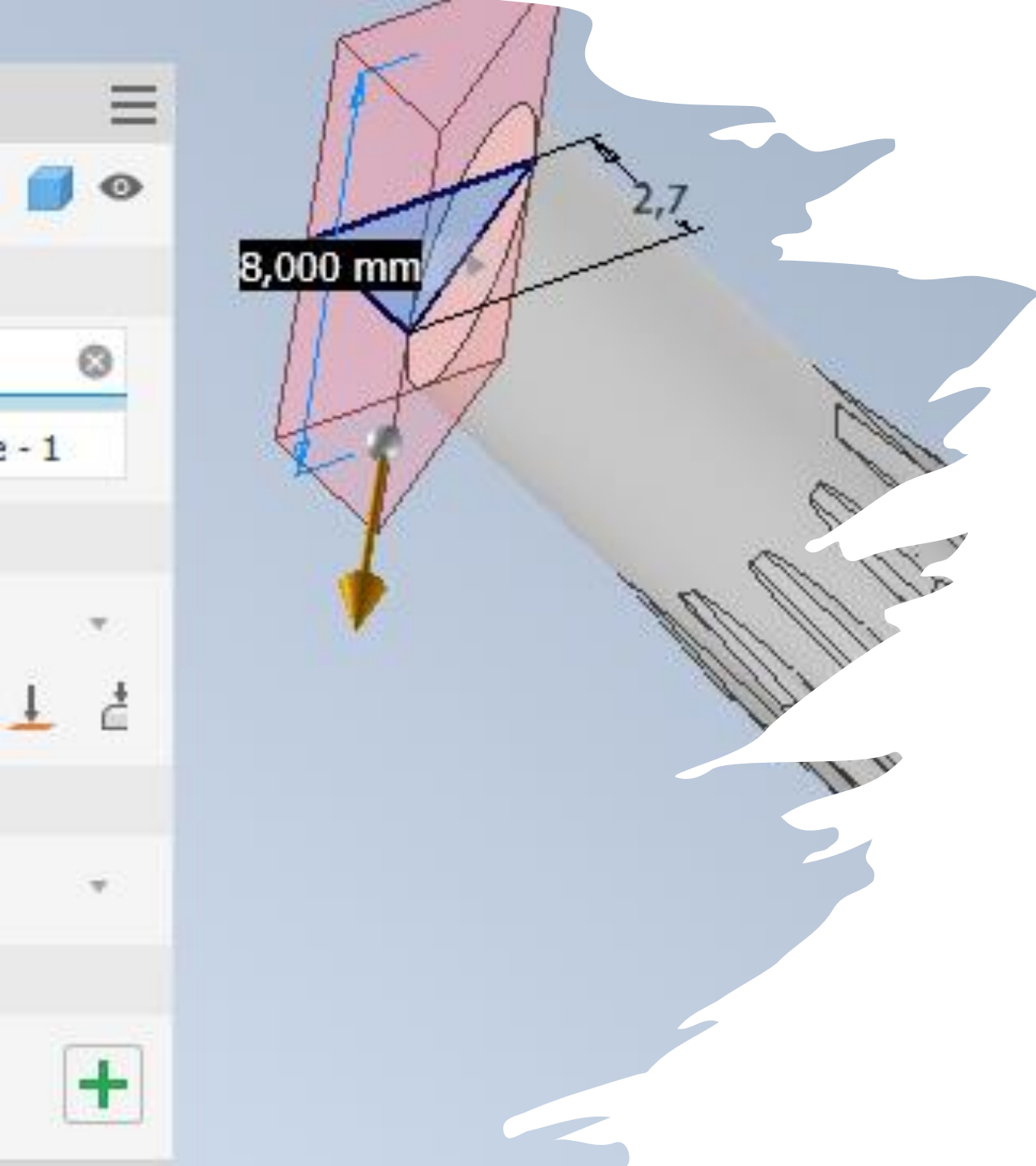
OK Annuler 



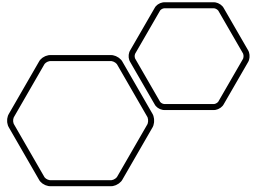
Create a 2D sketch  
on the YZ,

- made a triangle of 2.7



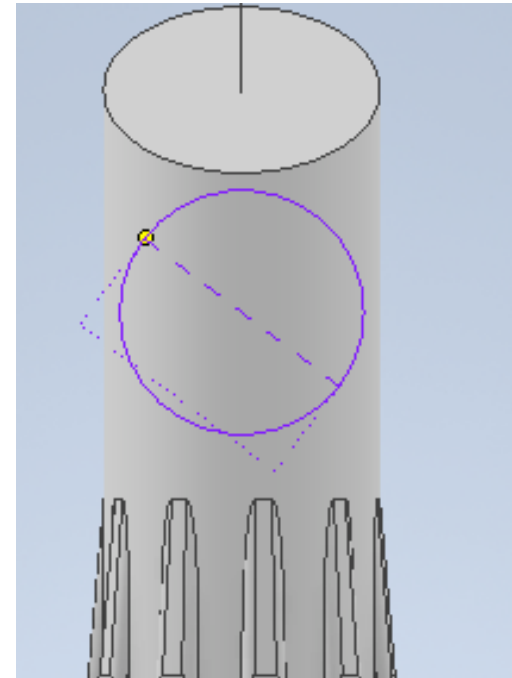
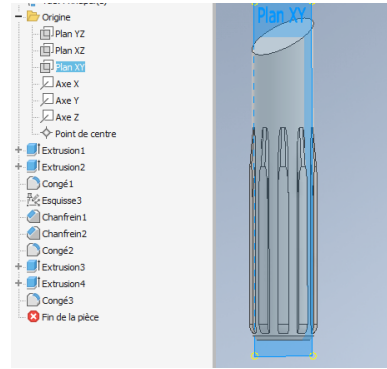


Extrude the triangle

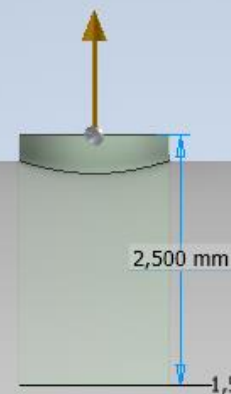
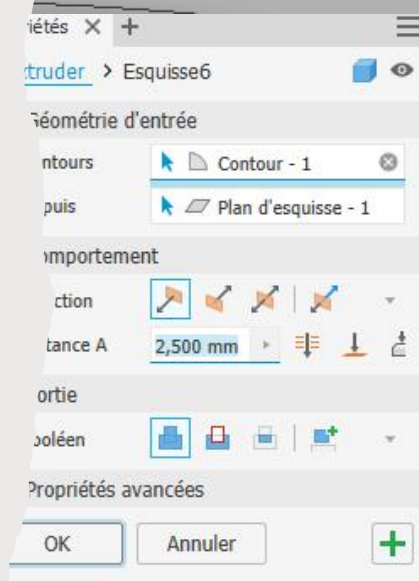
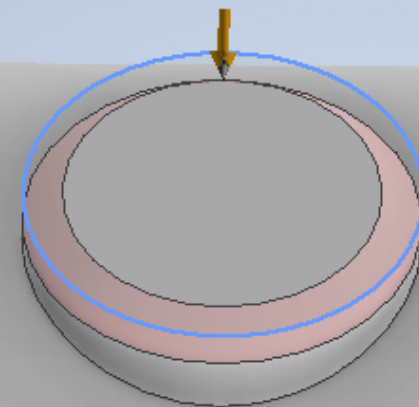
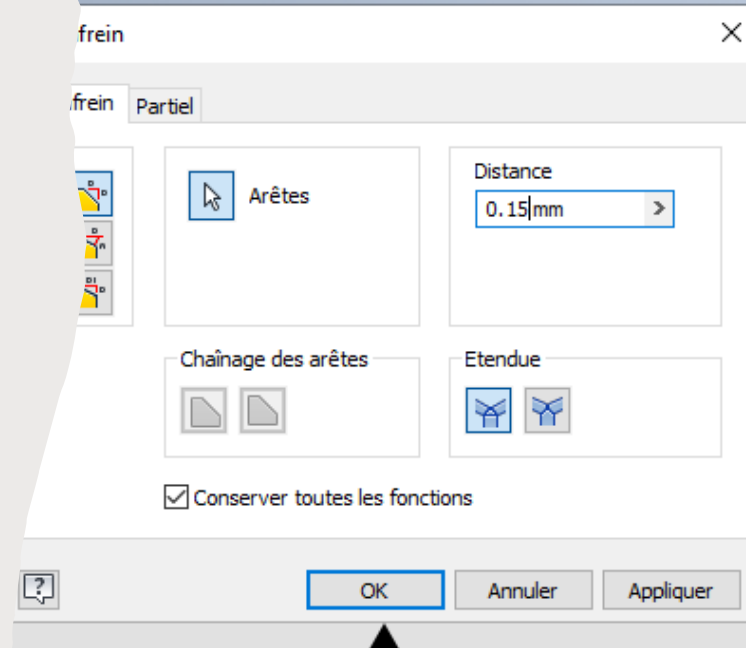


Create a 2D  
sketch on the XY,

- make a circle of 1,5cm

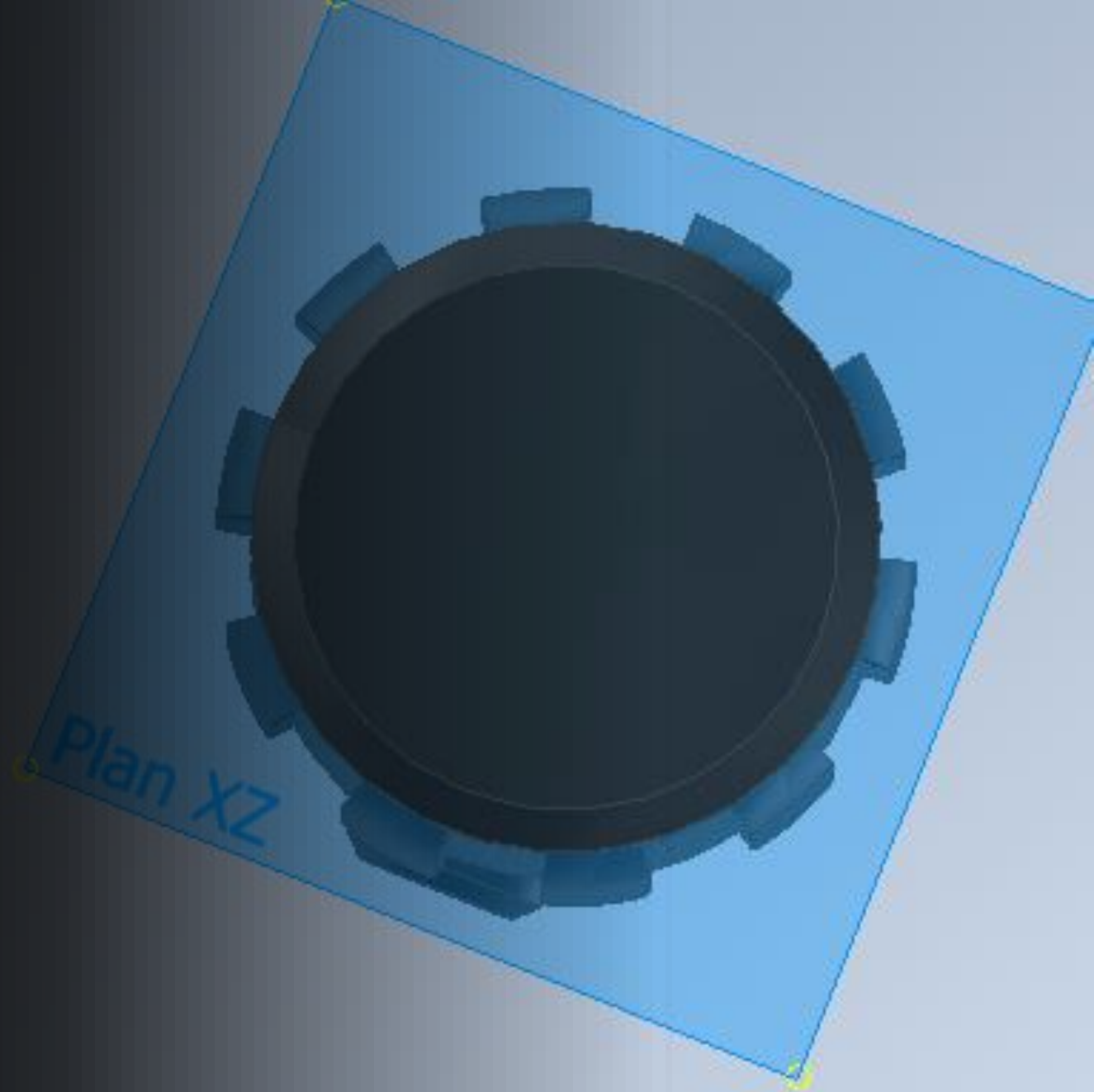


Extruded 2.5 and  
make the chamfer  
0,15



Make a 2D sketch on  
the XZ plane

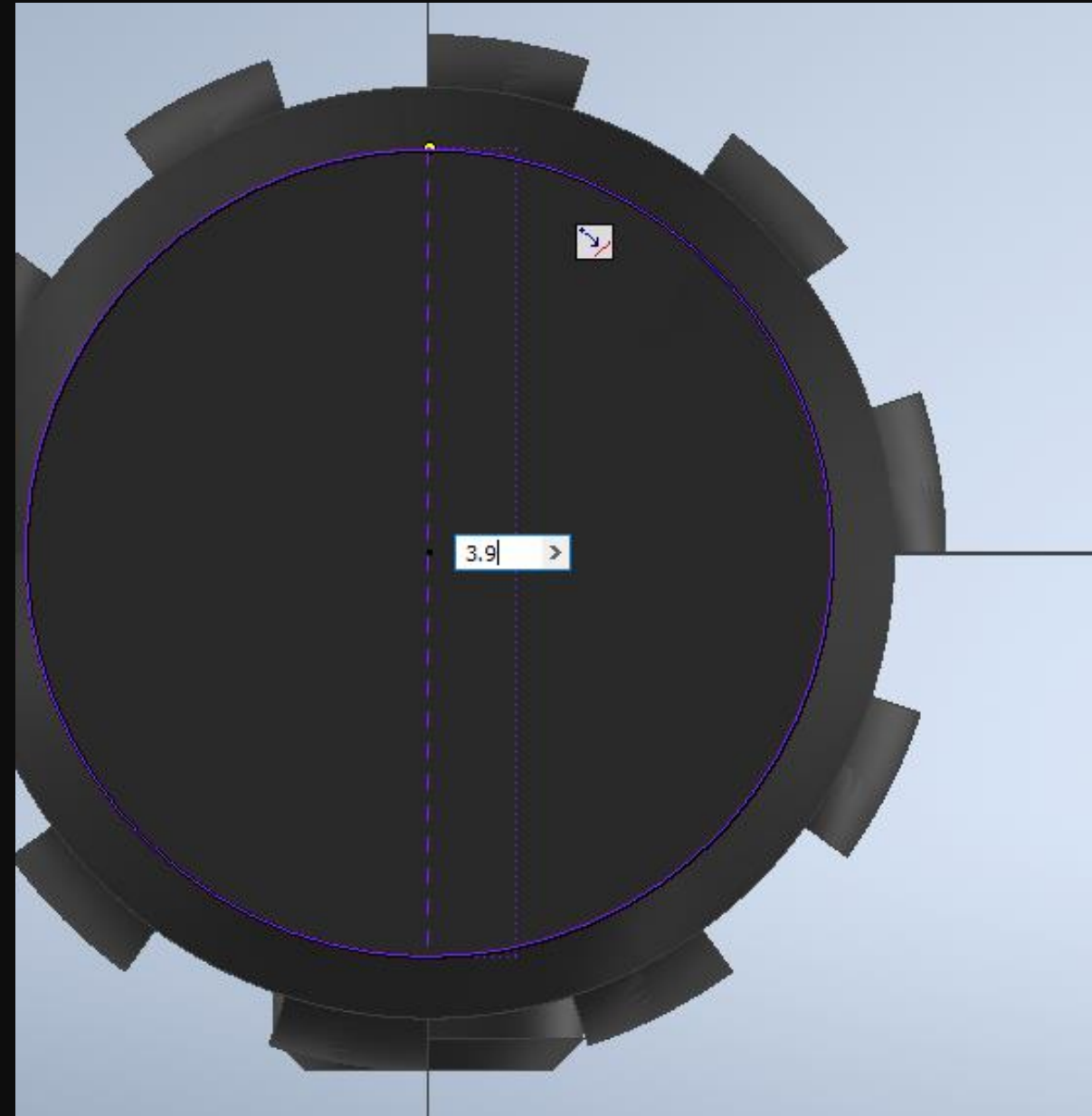
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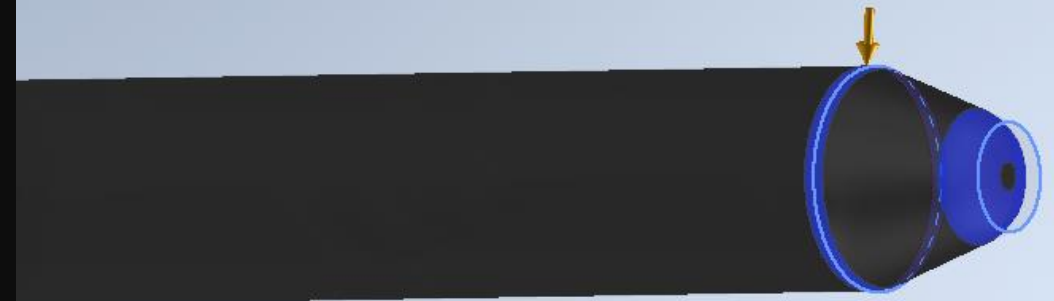
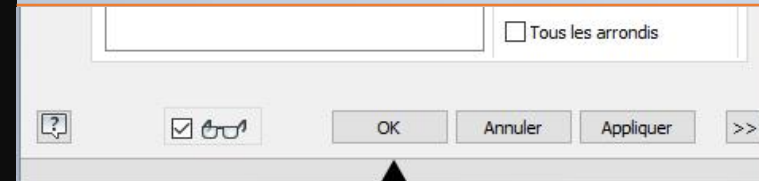
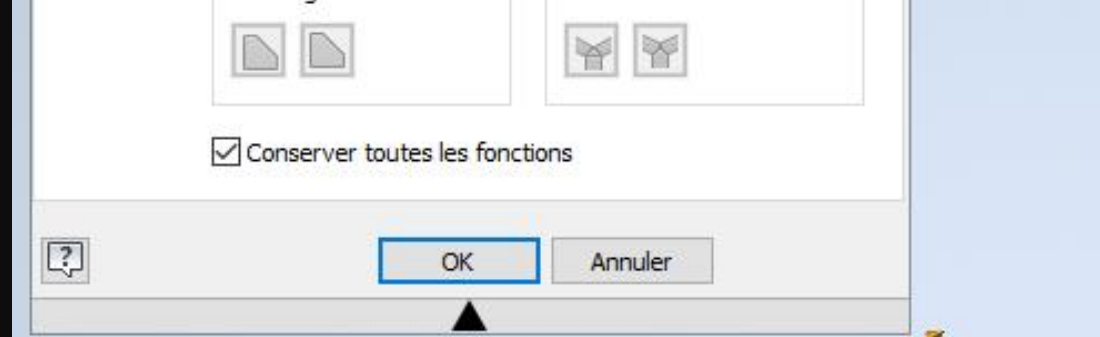
Make a circle of 3.9 in the  
centre and extrud 50

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Créat laying eggs the  
way you want

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add the colours you want and you're done