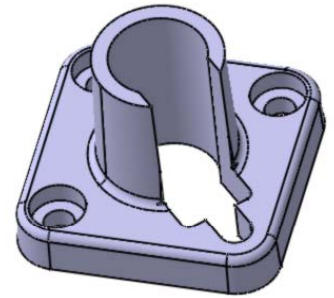


# Support



**Purpose** :create a remains

**Functions used** :Extrude, Draft, Pocket, Hole, Pattern, Fillet.

## 1. Base extrusion

- Use the icon that allows you to draw an oriented rectangle
- Select the 4 corner points to make the 4 roundings at the same time, enter the value of the radius which is zero by default.
- Extrude and rename the function in the tree: Right click, Properties, Element Properties, Name:**Base**

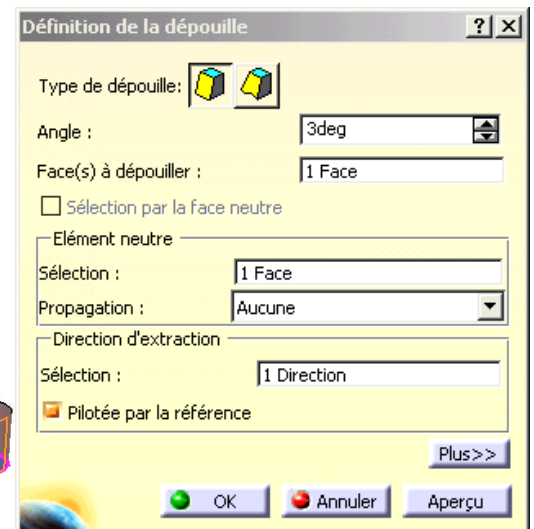
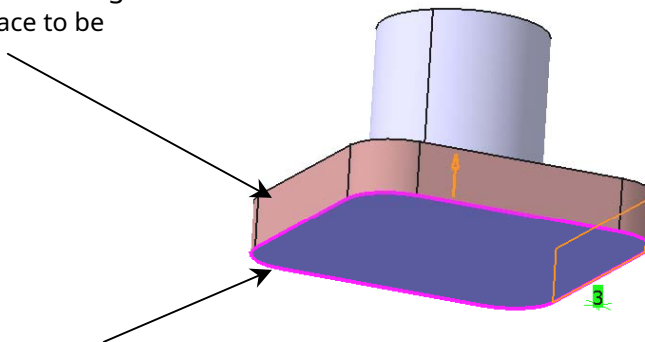
## 2. Extrusion of the upper part of 65

- Reverse the direction otherwise the height will be 18 + 65
- Rename the function:**Cylinder**.

## 3. Creation of remains

Draft on the base: angle 3°

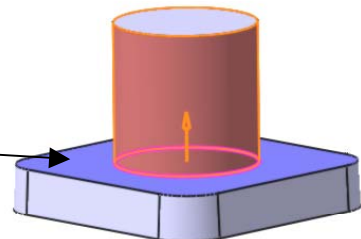
- Select the face to be stripped



- Select the neutral face: this is the face whose dimensions do not vary (lower face of the extrusion of 16)

Draft of the upper part: angle 2°

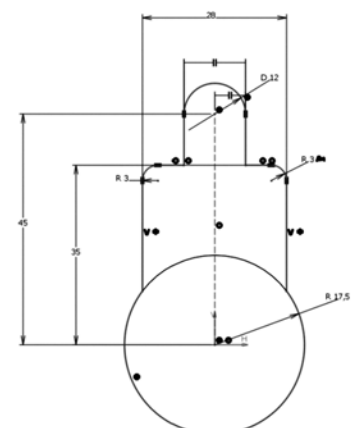
- Select the face to be stripped
- Select the neutral face to keep the radius value of 25.



## 4. Creation of the pocket

- Draw a rectangle, a circle and an oblong then double click on the eraser to adjust, finish with the 2 roundings.

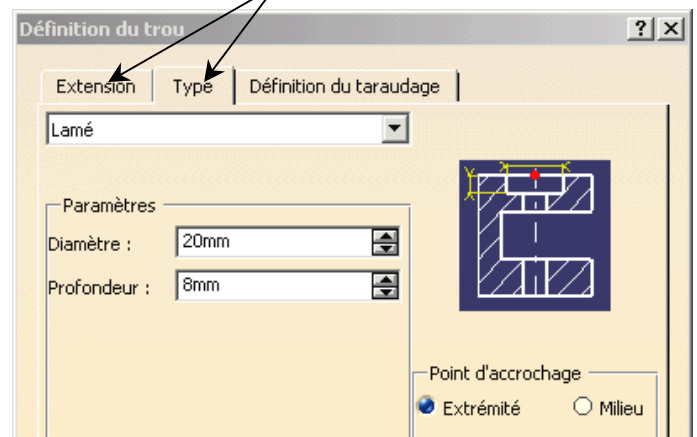
5.



Make the tool that will create the machining height 48 to 20 from the center

#### 6. Creation of counterbored holes

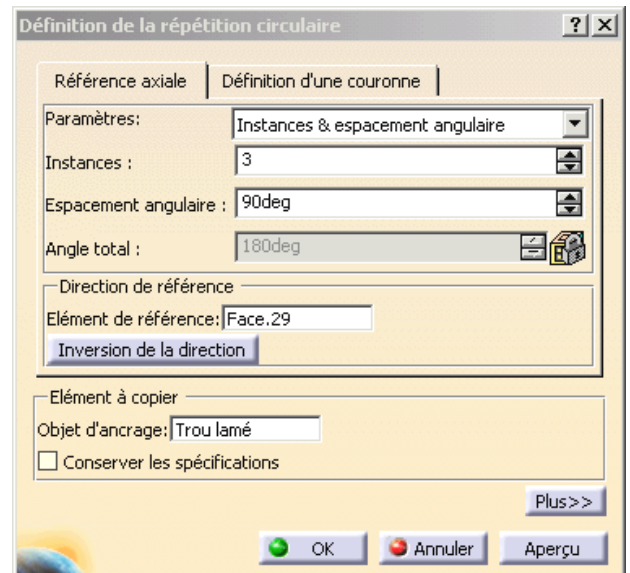
- Make the counterbored hole of the cutting plane with the icon: Hole. Fill in the 2 tabs of the window.



- Make a circular repetition of the counterbore



Remark : If the 1<sup>er</sup> counterbore has not been correctly placed, all you have to do is reproduce 4 of them and click on the attachment point of the unwanted counterbore, which allows it to be omitted: it is removed or placed alternately with each click.



7. Put the 2 leaves of 3 mm by selecting the 2 edges with a propagation by tangency.

8. Renaming functions as opposite.

