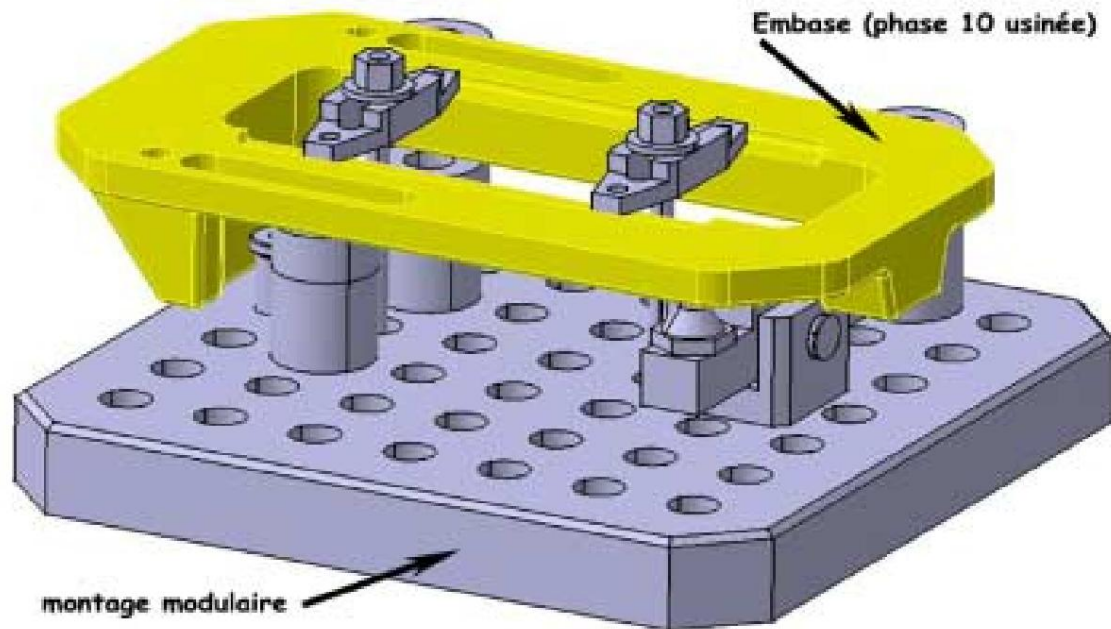


## TP3

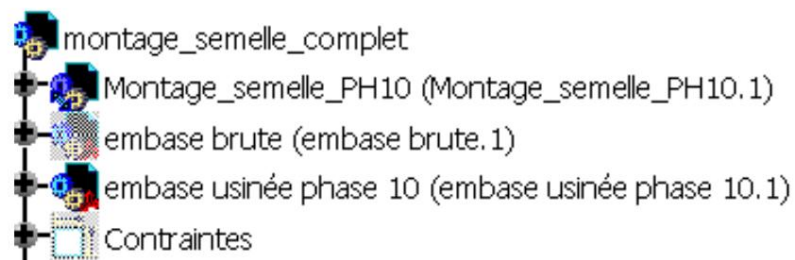
Support: Quick-clamping vice base

Objectives: Simulate a machining process by integrating a modular machining assembly



procedure:

- open the assembly : **sole\_ph10\_montage\_complet** -  
hide **the raw base** - Insert the **“phase 10 machined  
base”** giving it the same constraints as the raw base.




save assembly

Open the CAM workbench by clicking Start>NC Manufacturing>prismatic Machining


### declaration of the geometries used for the simulation

double click  Phase d'usinage.1 in the tree.


geometry of the machined

part click on the  dialog box click in the tree  
on **machined base phase 10** double click  
outside to validate the selection


geometry of the raw part

click on the  dialog box click in the tree  
on **raw base** double click outside to validate  
the selection

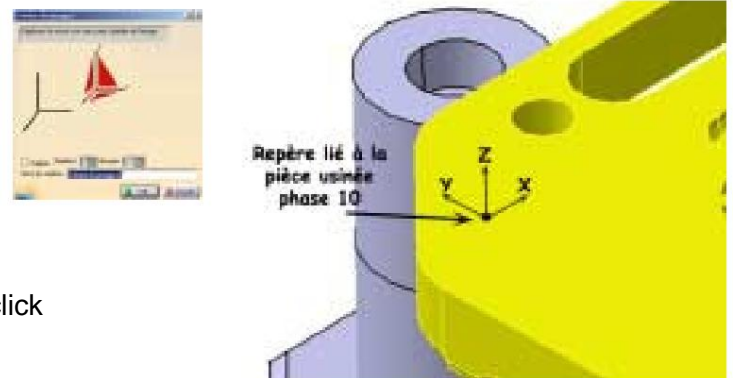
assembly geometry

click on the  dialog box disappears click in the  
tree on **montage semelle\_ph10**, the two  
**restraints** double click outside to validate the  
selection


machining mark

click on the icon 

click on one of the red zones to declare the marker click  
on the marker validate by clicking on OK

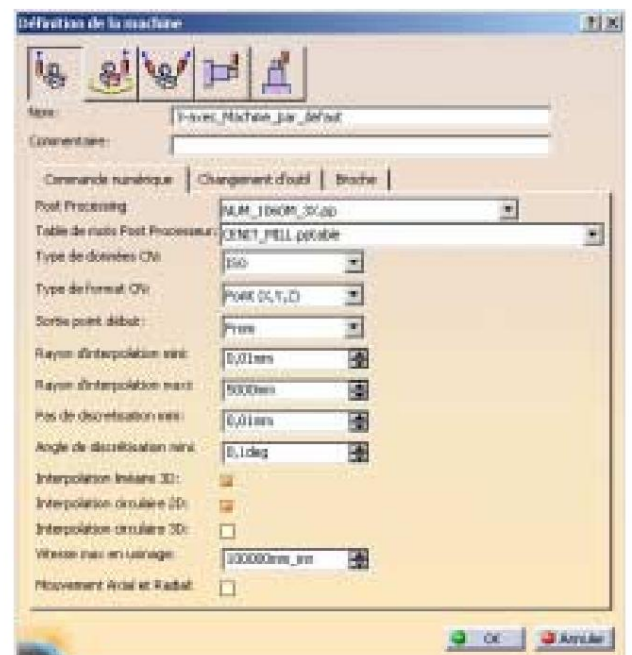


choice of machine

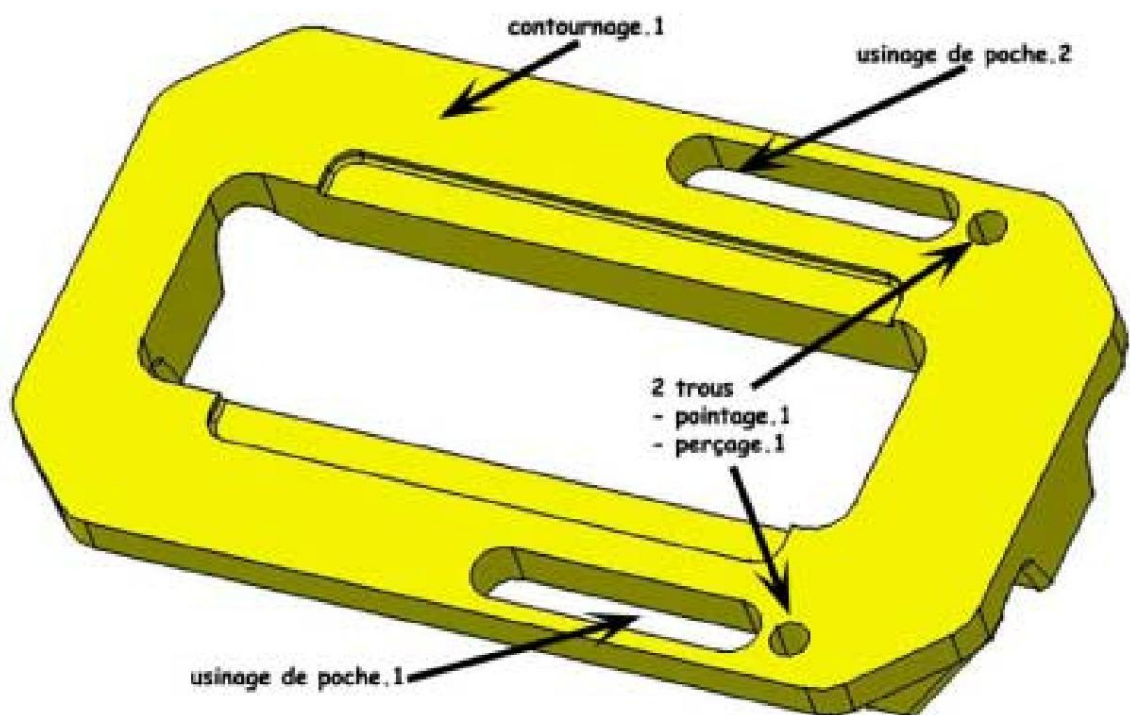
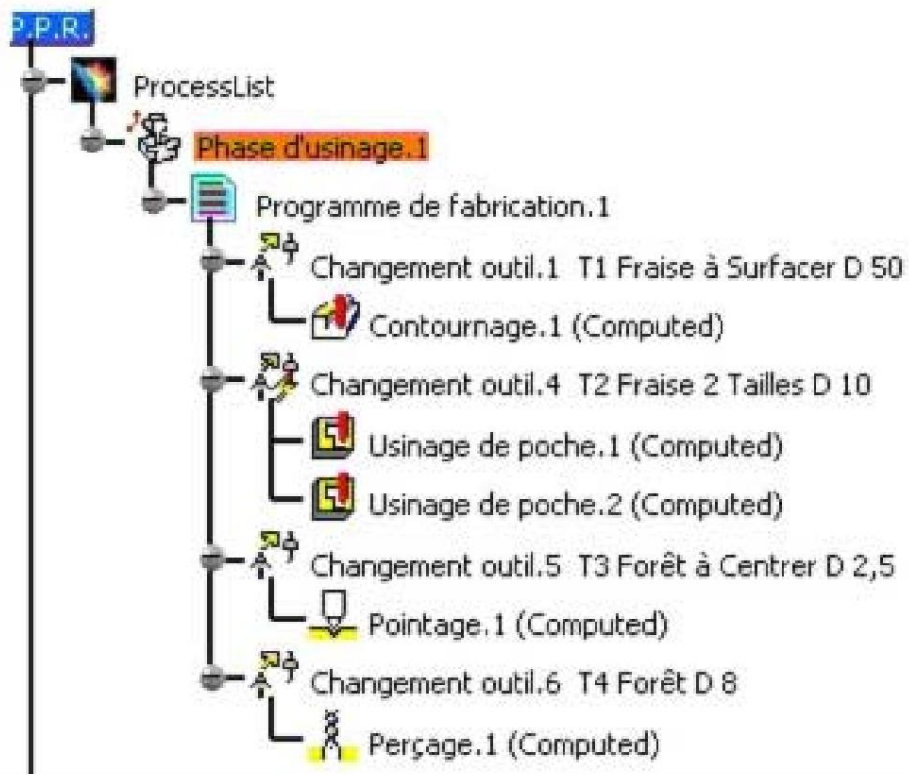
click on the icon 

set the parameters corresponding to the menu opposite  
validate by clicking on OK validate by clicking on OK  
to close the machining phase window

make a backup under the name: **sole phase 10**



selected procedure:






some tips: setting  
parameters for contouring.1





click guide element click edge  
A click edge B

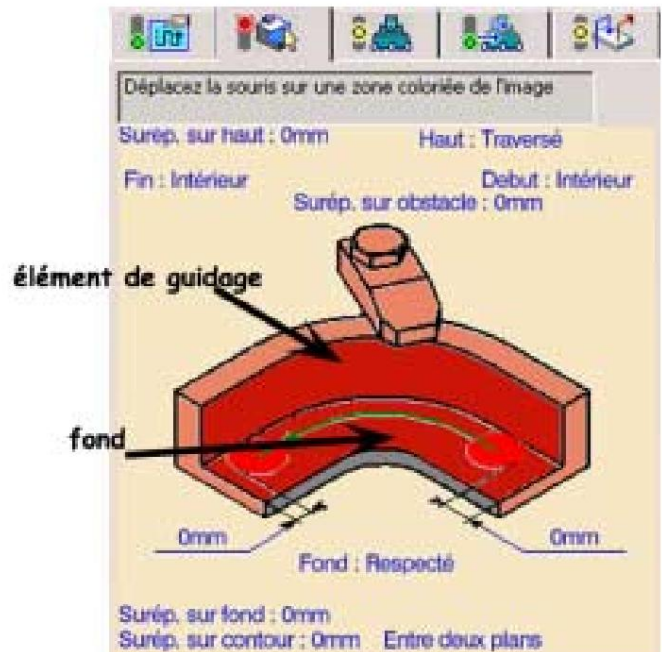
click on  to propagate the outline

click on edge C

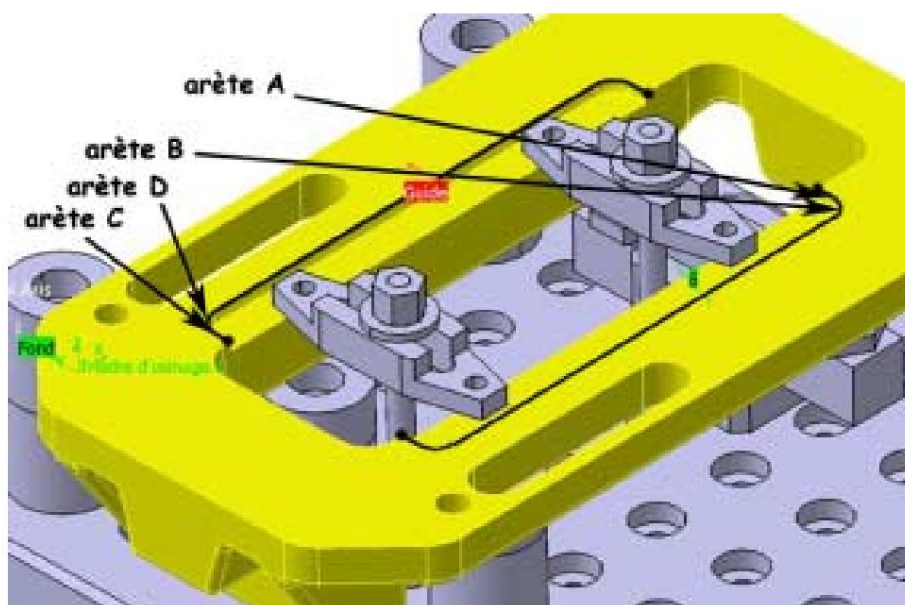
answer YES to the question "do you want to insert a line"  
click on the edge D

click on  to propagate the outline

click on  to close the outline



check that the "guide arrow" is outside the outline. Otherwise click on the arrow. click on OK to  
validate the outline



set the excess thickness on contour: - 2 mm click  
on background then on the face to be machined

Adjustment of pocket workings



set background to: **Crossed**