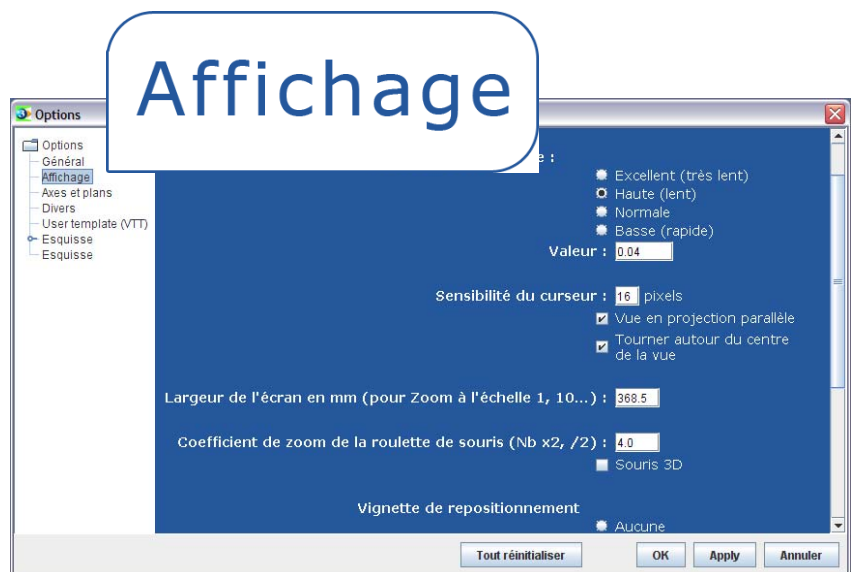
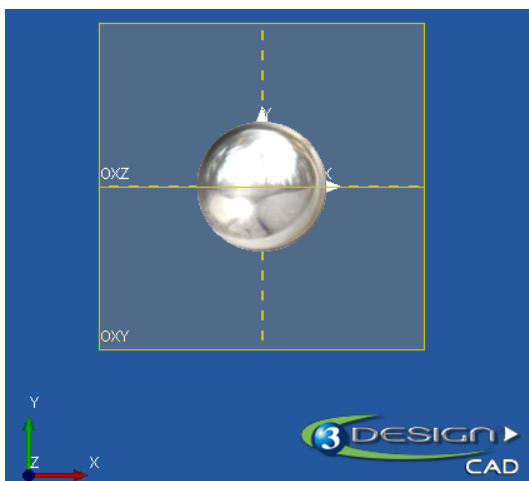


TIPS

1. How to set zoom scale to one?
2. In the Sketch Module, how can I modify a curve in 3D?
3. In the Sketch Module, how can I add a point to cut my curve in two parts?
4. How to solve a problem in your curve (auto-intersection, degenerated points, etc.)?
5. In the Part Module, how can I give a thickness to my surface?
6. How can I make an ajour on a stone with a pear shape?

1. How to set zoom scale to one?

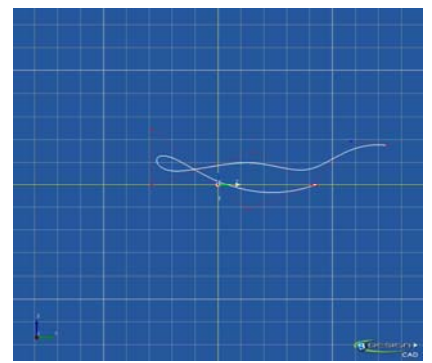
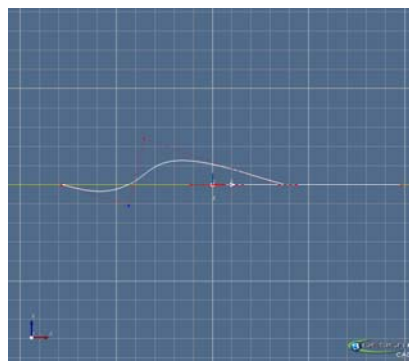
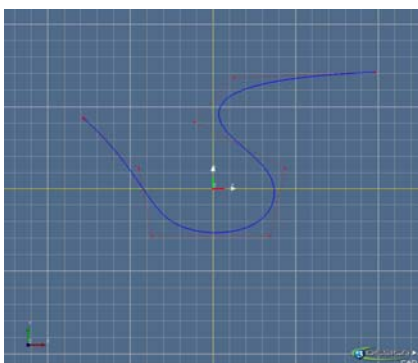
Measure the screen width in mm (= X mm). Go to Tools/Options/Display and enter the value in the field "Screen width in mm".



2. In the Sketch Module, how can I modify a curve in 3D?

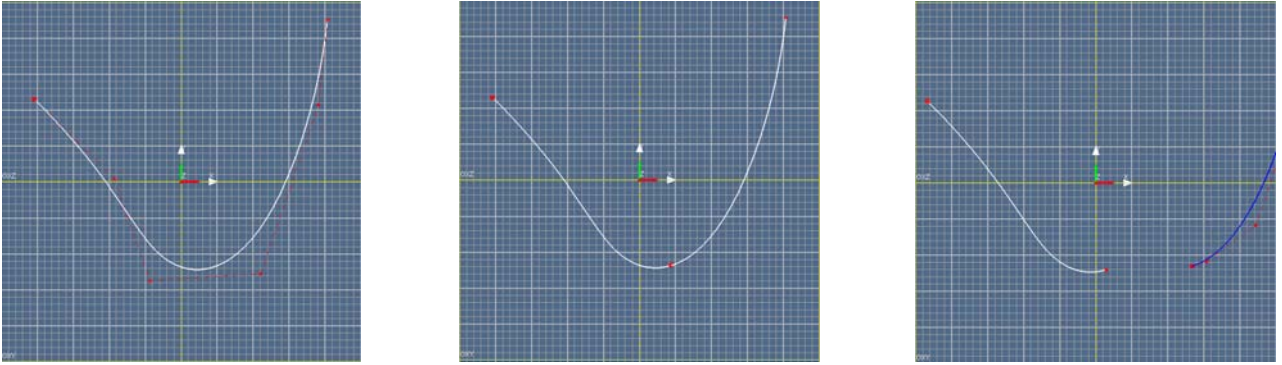
Create a 2D curve in a plane.

Use the Tab key to change plane, modify the points of your curve in another plane: you now have a 3D curve. From the OXY plane + Tab you go to OXZ, then + Tab you go to OYZ; hit the Tab key again and you are back in the original OXY plane.



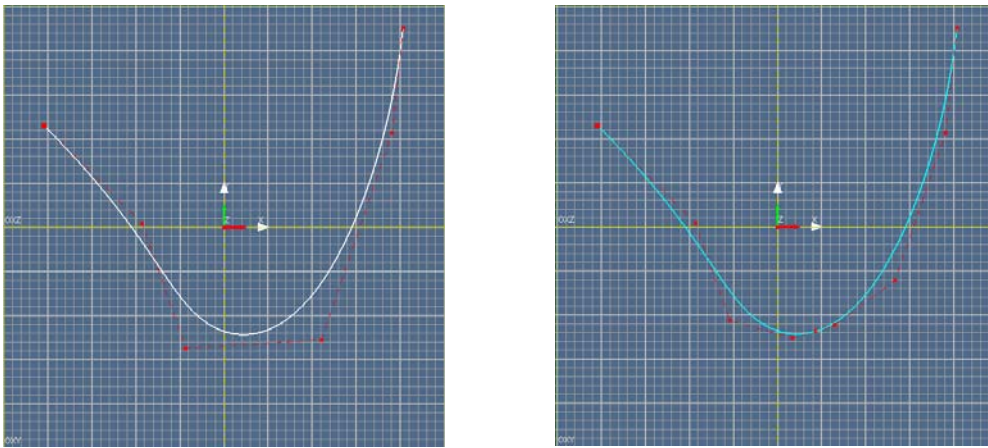
3. In the Sketch Module, how can I add a point to cut my curve in two parts?

Keep the Ctrl key pressed, hover your mouse where you want to add a point and double click. Maintain the Ctrl key pressed, double click again on this point. Your curve is split in two.



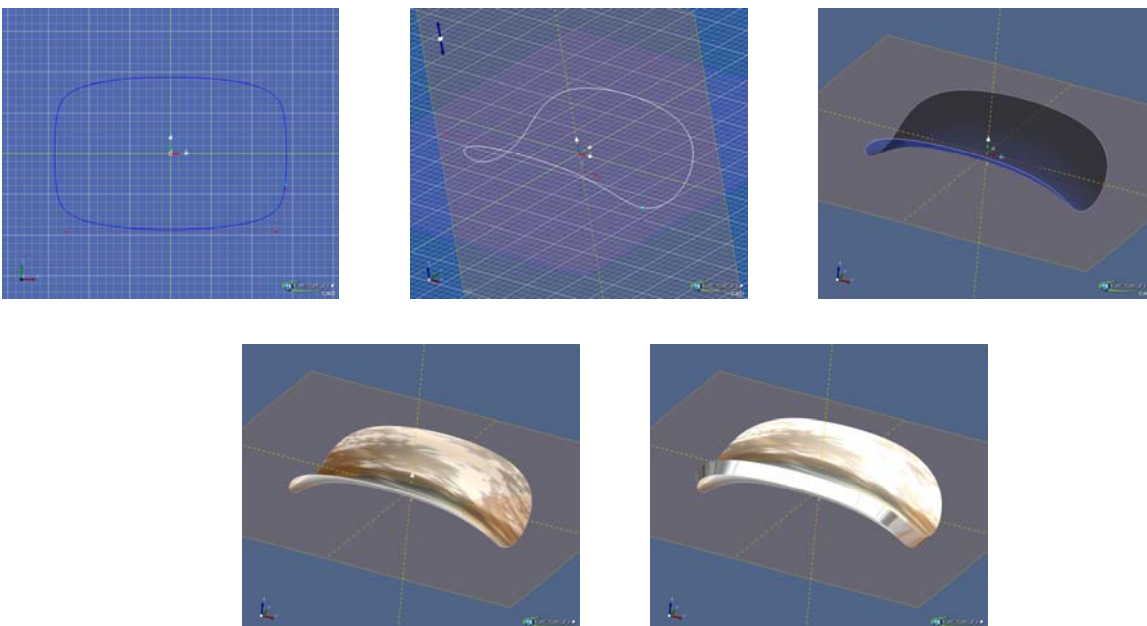
4. How to solve a problem in your curve (auto-intersection, degenerated points, etc.)?

Select the curve, use the Sketch Doctor and correct the given problem. Look for the degenerated points and dissociate them: hover your mouse on the curve to see the points, maintain the Ctrl key pressed down and click on the point that appears to be onto another one (cf Sketch Doctor) and move this point. The two points are now dissociated.



5. In the Part Module, how can I give a thickness to my surface?

Select the surface, click on the Shell tool. Enter the thickness you want in the given field, validate.



6. How can I make an ajour on a stone with a pear shape?

Draw your pear and select it, go to Solid Module. Make an extrusion, 3DESIGN uses the girdle of the stone as the curve to extrude. Activate the taper and you will obtain a tool to make an ajour of your stone (it will automatically be adjusted if you make a change thanks to the parametric construction tree).

