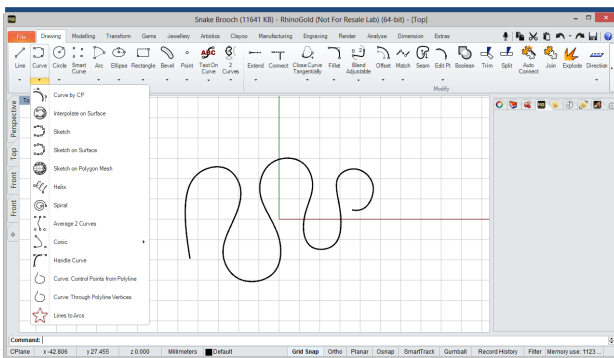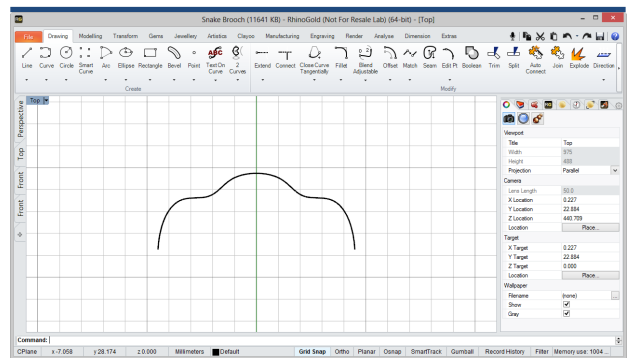# RhinoGold®

Snake Brooch

In this tutorial we will try out some of the most useful commands in RhinoGold. Powerful tools such as Dynamic Profile, Smart Curve and Texture 3D.
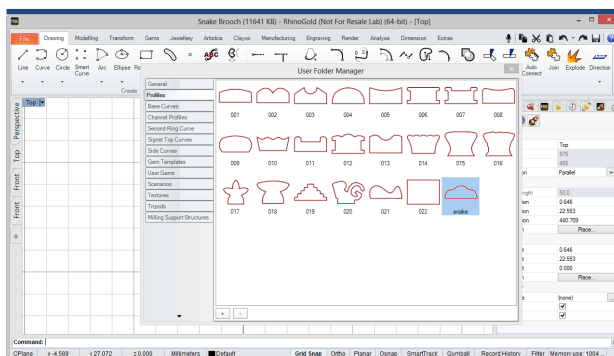

1 **Curve**

Under the Drawing tab with the Curve tool in the top view create a rail to build a snake like the above image.
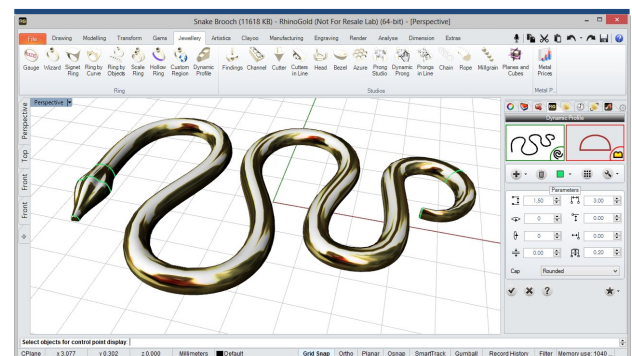

2 **Smart Curve**

Still in the top view, define a curve to apply as a profile for the snake's head, to do this, use the Smart Curve tool Under the Drawing tab. It's important to activate the vertical symmetry option in the command line.
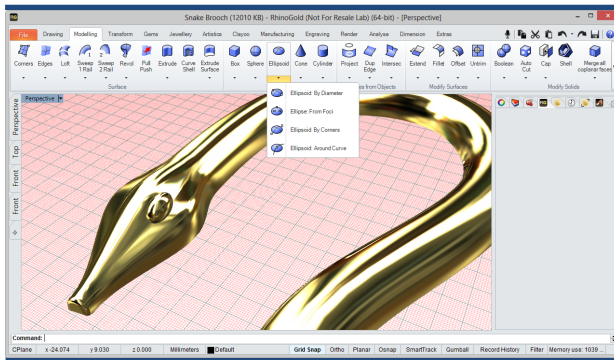

3 **Add Profile**

Then, under the menu File open the User Folder Manager and add the profile curve created previously to the profiles library giving it a name.
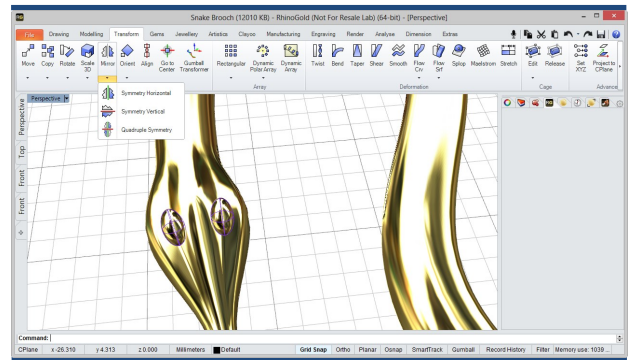

4 **Dynamic Profile**

Under the Jewelry tab with the Dynamic Profile tool we create the snake's shape, in this case with five profiles applied onto the rail. We can also define the thickness parameters in this command.
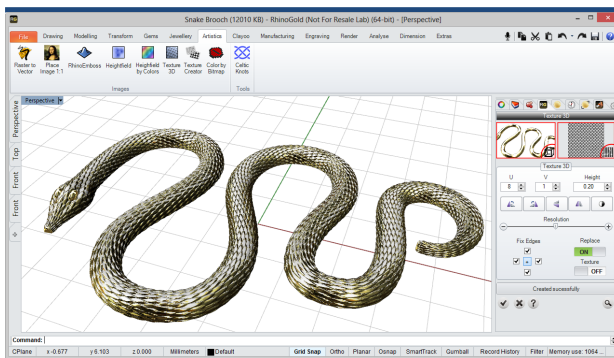
5   Ellipsoid

In this step, with the Ellipsoid tool under the Modelling tab we can define the snake's eye as shown in the image above.
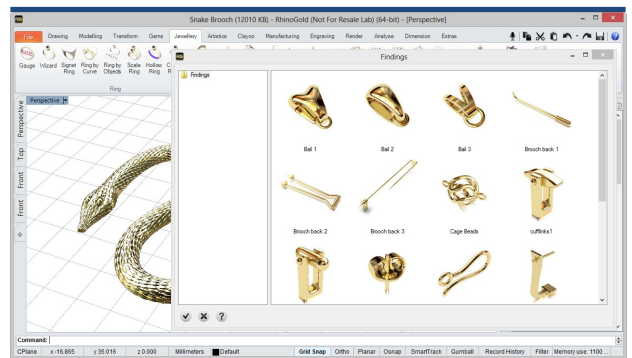

6   Mirror

Under the Transform Tab with the Mirror tool in the top view we can duplicate the ellipsoid to create the other eye.

7   Texture 3D

Now, with the Texture 3D tool, under the Artistics tab we can define all the parameters to apply a texture to the snake's body as seen in the image above.

8   Findings

Under the Jewelry tab with the Findings tool to choose the brooch finding. We can activate the Gumball to place and scale it as needed.

TDM Solutions;