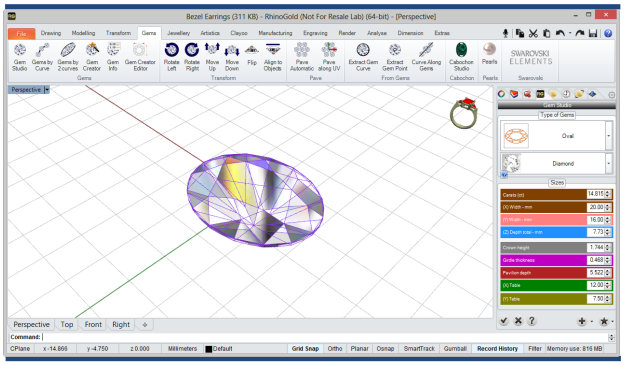
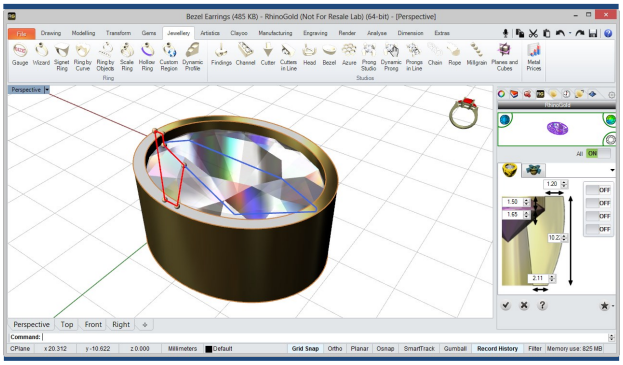
Bezel Earrings

In this tutorial we will try out some of the most useful commands in RhinoGold. Powerful tools such as Gem Studio, Head Studio, Extrude and Boolean Operation.



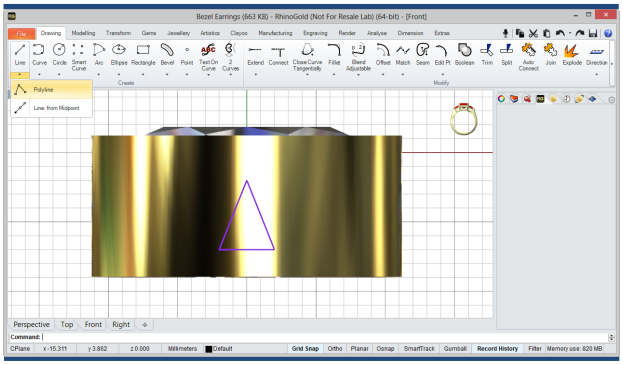
1 Gem Studio

Under the Gems tab, with the Gem Studio tool, we can define a gem to the earrings. In this case is an oval shape with 20x16mm.



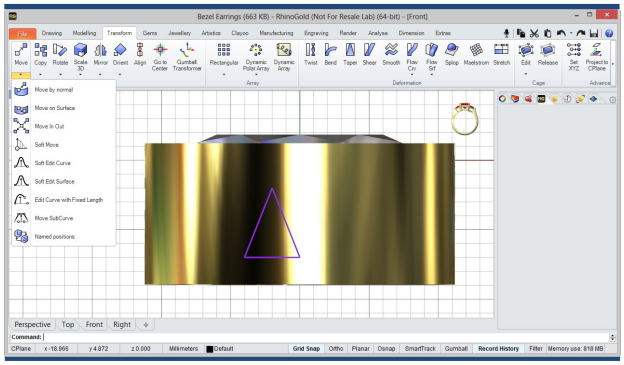
2 Bezel Studio

Then, under the Jewelry tab use the Bezel Studio tool create a bezel to support the gem, it's just to define the parameters of the command according to the design.



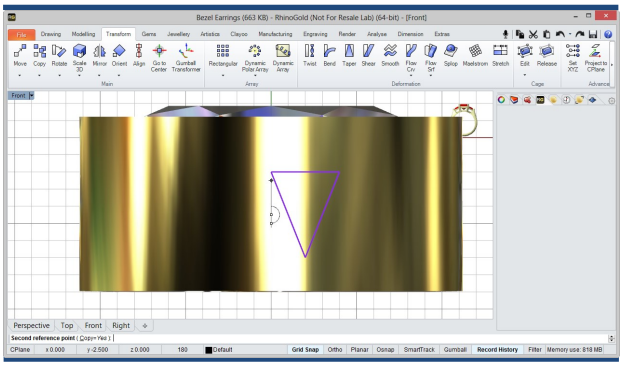
3 Polyline

Now, with the Polyline tool, under the Drawing tab in the front view define a triangle as shown in the image above. In this case is important to activate the Snap option in the Osnap.



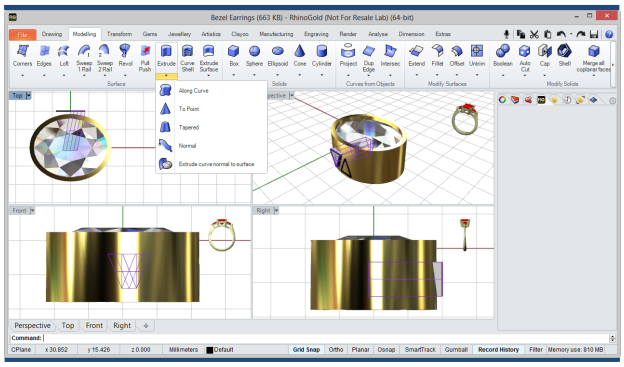
4 Move

Then, we can move the curve created 2mm TO the left in the front view, to do this, use the Move tool under the Transform tab.



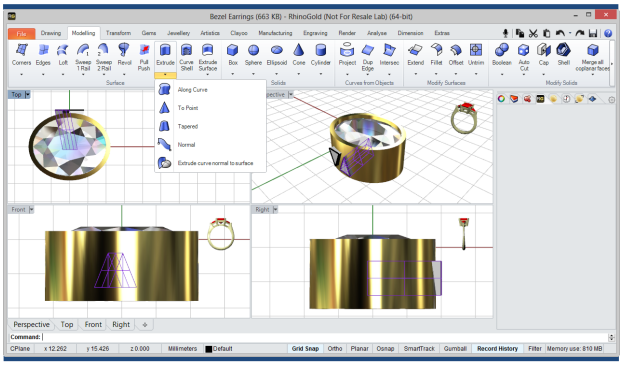
5 Rotate (with copy)

Now, still under the Transform tab, with the Rotate tool, in the front view, create another curve, in this case inverted onto the other side. It's important to activate the copy option in the command line.



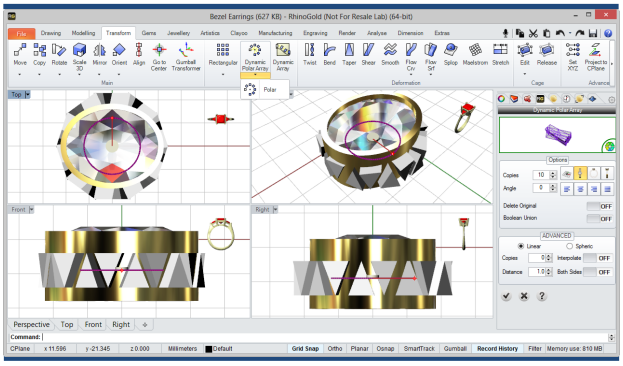
6 Extrude

Then we can make a solid from the curve, to do this, run the Extrude tool under the Modeling tab. it's important to define the direction of the extrusion to the center (0,0,0), for this, activate the direction parameter in the command line.



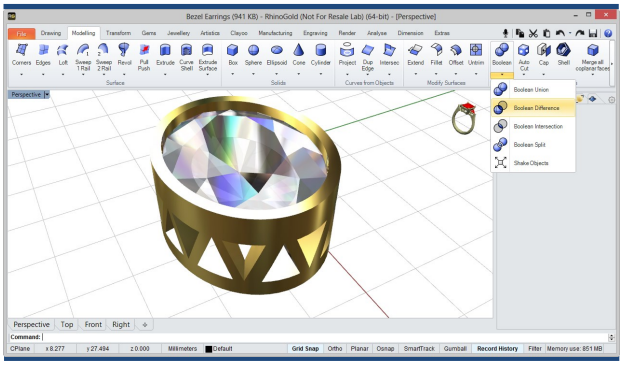
7 Extrude

Now repeat the same process with the other curve, under the Modeling tab with the Extrude tool and redefine the direction.



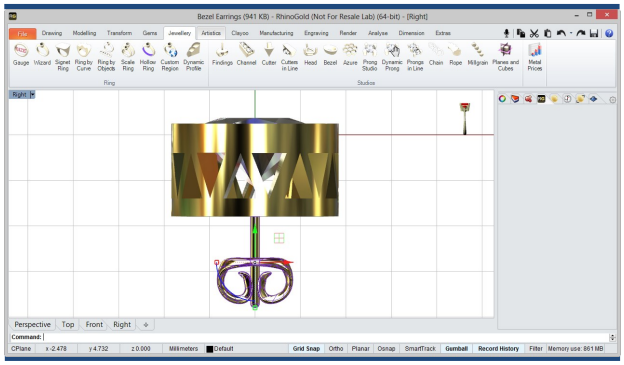
8 Dynamic Polar Array

Under the Transform tab, with the Dynamic Polar Array tool multiplicate the objects around the earring. In this case with 10 elements as shown above.



9 Boolean Difference

Now, under the Modeling tab with the Boolean Difference tool, we can remove the objects from the bezel.



10 Findings

Finally, in the Jewelry tab, with the Findings tool choose the earring finding.