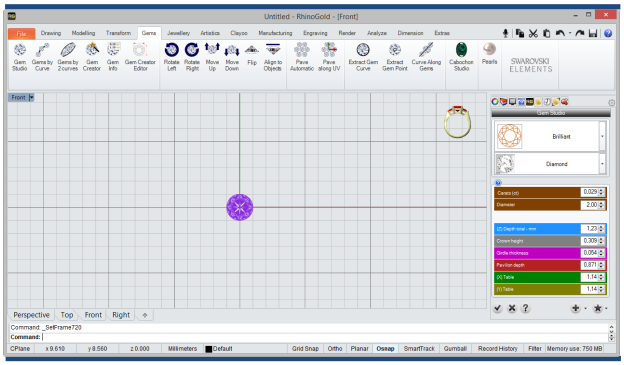
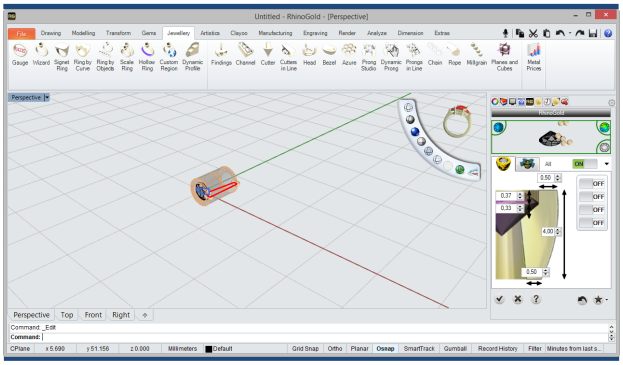
Bezels Band

In this tutorial we are going to try some of the more useful commands in RhinoGold. Powerful tools such as Gem Studio, Bezel, Symmetry and Dynamic Polar Array.



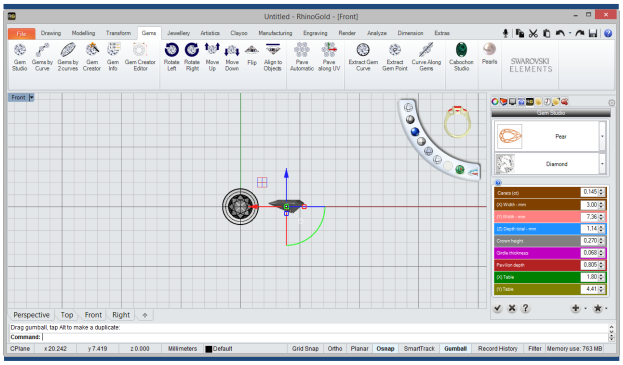
1 Gem Studio

First we will define a gem 2 mm in diameter, with Gem Studio tool.



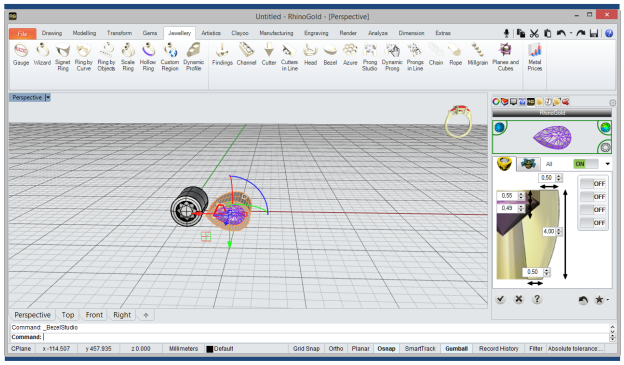
2 Bezel

Then, apply a bevel to the gem with Bezel tool within the Jewellery tab, we will respect the parameters shown in the image.



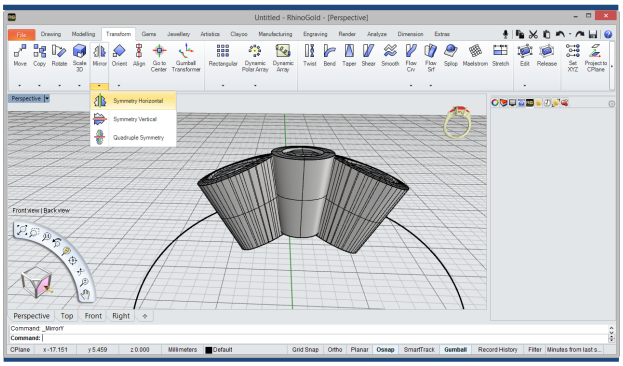
3 Gem Studio

Now, select the Gems Studio tool and define a gem in diameter 3 mm, Pear profile. Will position the gem as shown in the picture.



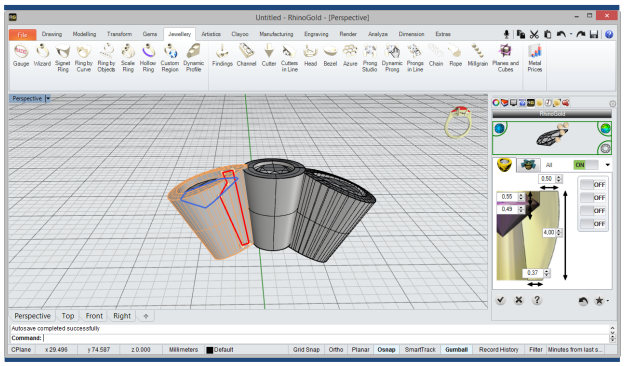
4 Bezel

Repeat the previous step and create a new gem bezel, respecting the parameters.



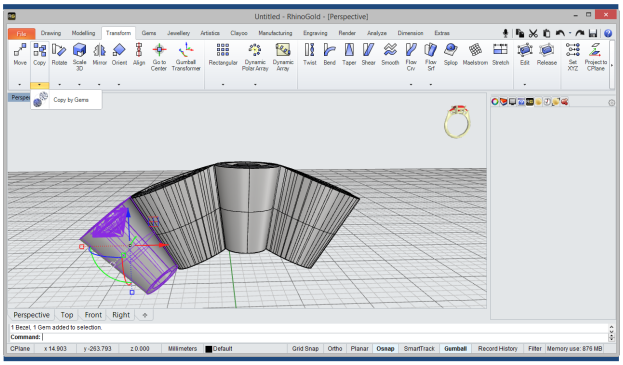
5 Symmetry Horizontal

Then apply a Horizontal Symmetry in Symmetry tool submenu, in the Transform tab, on the latest and bezel set gem created earlier.



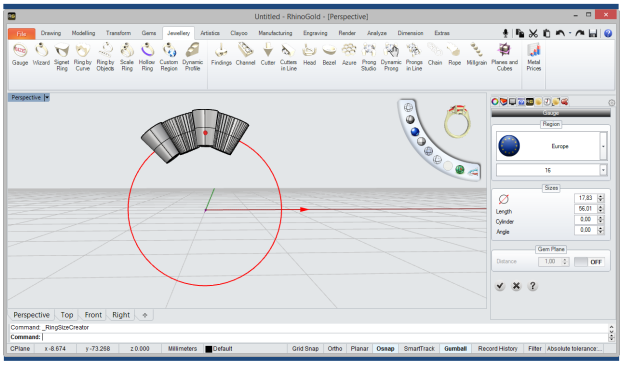
6 Edit Bezels

In this step we will edit the bezels to position well. We select the bezel and will open the Edit panel, pressing F2. Try to to create a bezel form similar to the image.



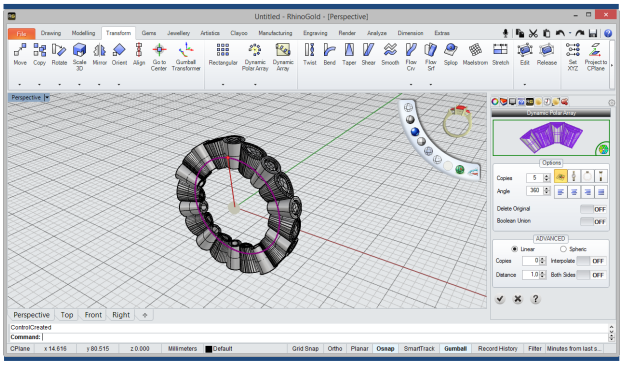
7 Copy

Now, we copy the gem and the bezel round and will place next to the other bezel, as shown in the picture.



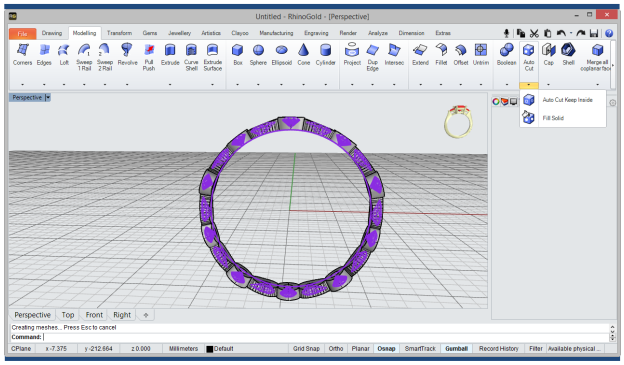
8 Gauge / Gumball

Then, we will define a European ring size 16, with Ring Gauge tool in the Jewelry tab. Situate bezels and gems to 10 mm from the point 0, we help the Gumball located in the Command panel.



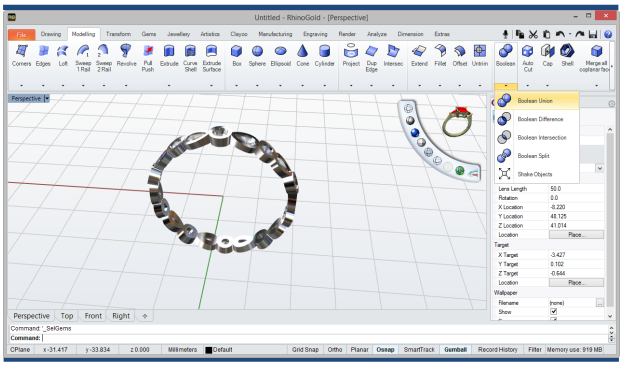
9 Dynamic Polar Array

In this step, we will select bezels and gems and apply a Matrix of 5 copies and 360 °, with the Dynamic Polar Array tool, will respect the parameters of the image. If we don't get satisfactory results with the Matrix, play with bezels and gems in the axis Z.



10 Auto Cut

Now, select the elements of the matrix and the curve of Gauge and apply the Auto Cut tool.



11 Boolean Union

Finally we will unite all solids with a Boolean Union, unifying the ring.