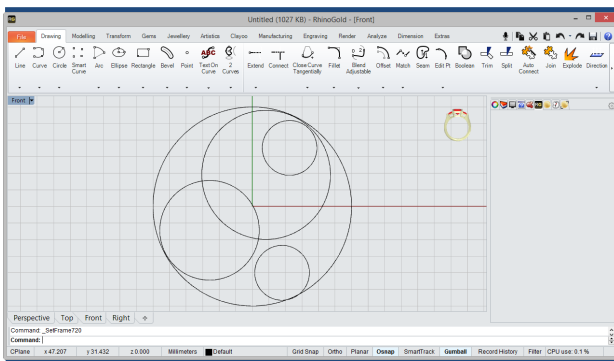




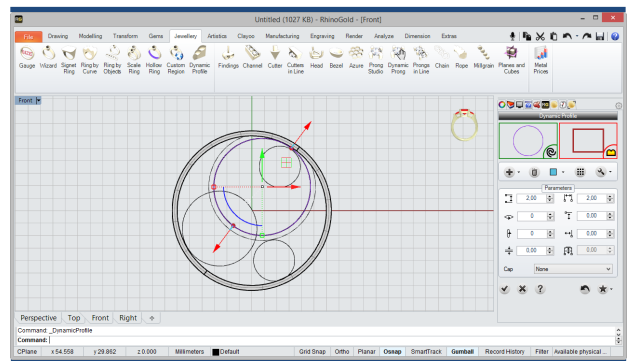
## Circles Pendant

In this tutorial we are going to try some of the more useful commands in RhinoGold. Tools such as Circle, Gems by Curve, Cutter Studio, Extract Isocurves and Edit / BoundingBox.



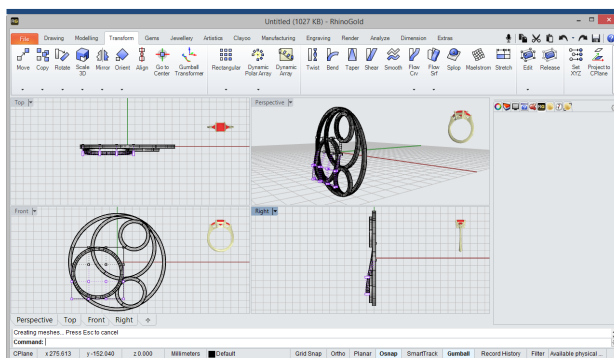
### 1 Circle

First, we will create four similar circumferences to the image, with the Circle tool. We will reference the largest circle that measured 30 mm in diameter and we will position it as shown the image.



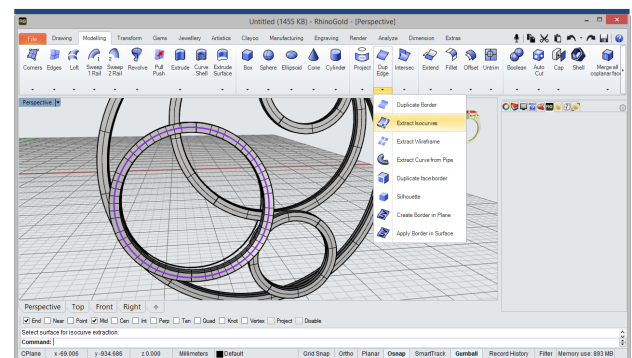
### 2 Dynamic Profile

Now, we will define a profile to all curves with Dynamic Profile tool, in the Jewellery tab, select a square profile and 2 mm wide.



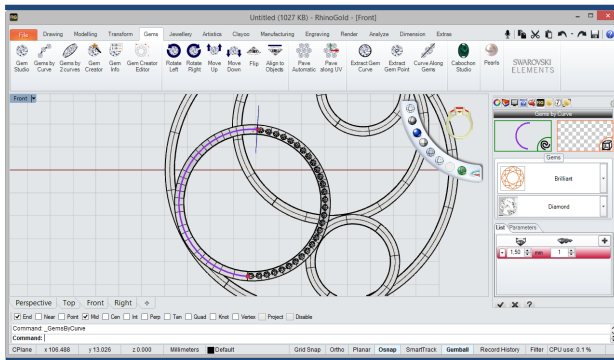
### 3 Edit / BoundingBox

Then, we will go to the Transform tab and select the Edit tool, apply a bounding box to the left circle and define a similar form as the image.



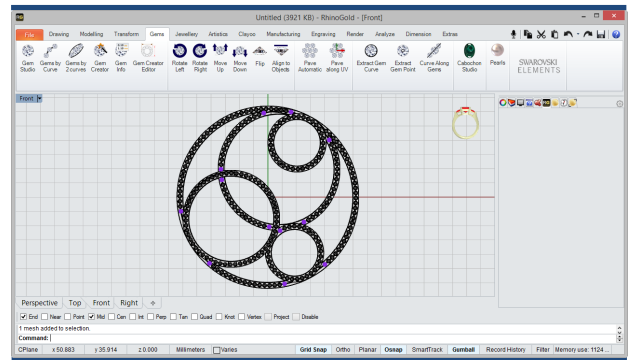
### 4 Extract Isocurves

Now, we will select the Extract Isocurve tool in Duplicate Edge submenu in the Model tab, and apply it to the dynamic profiles previously created, extracting curves.



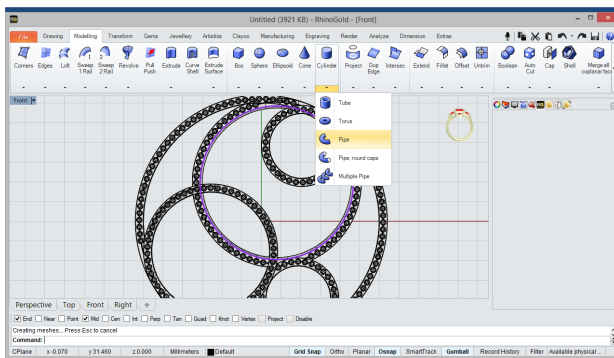
## 5 Gems by Curve

Once extracted curves, apply them some gems of 1.5 mm with Gems by Curve tool.



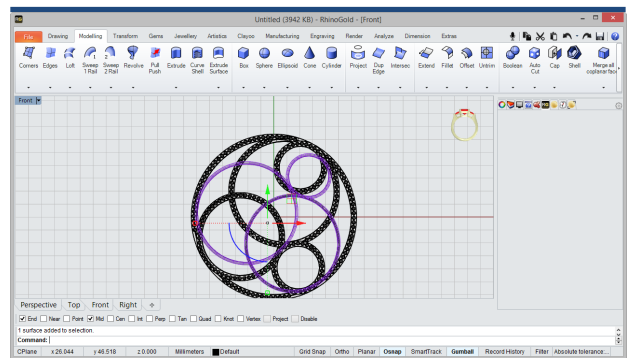
## 6 Remove Gems

Now, select the gems that intersect between them and remove.



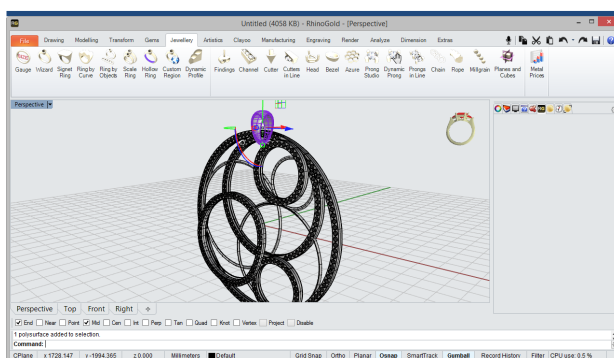
## 7 Pipe

Then, select all circular curves of the first step and apply them Tool Pipe within the cylinder submenu, in the Modeling tab.



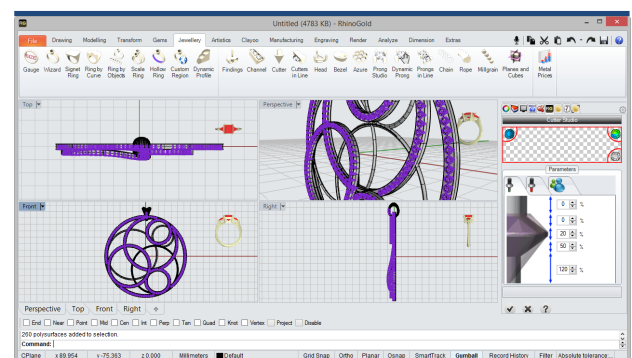
## 8 Move / Gumball

Once created pipes, place them in a similar way to the picture above, we can help with the Gumball, in Command panel.



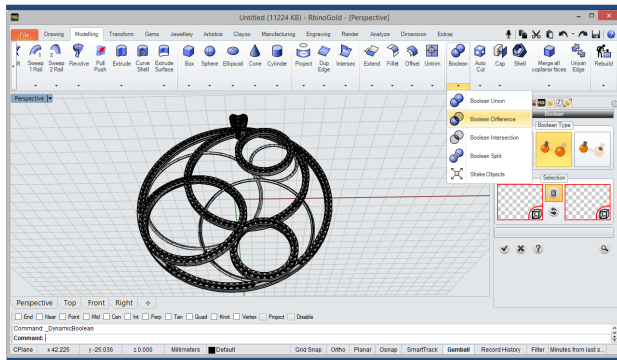
## 9 Findings

In this step, we will select the Findings tool, in Jewelry tab and apply the No.01 bail of the library.



## 10 Cutter Studio

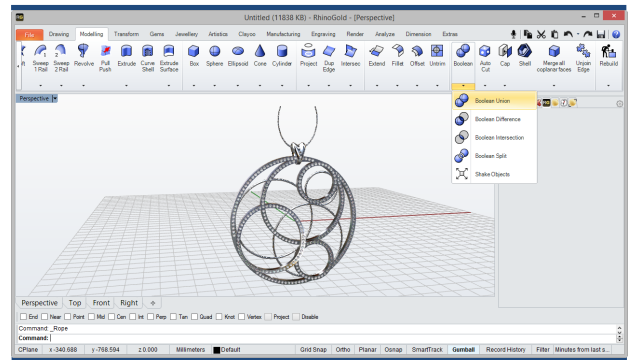
Now, select the Cutter Studio tool and apply the cutters to all the gems.



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## Boolean Difference

Then apply a Boolean difference to the cutters to subtract the surface of the dynamic profiles.



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## Boolean Union

Finally unify the pendant with a Boolean Union between solids.