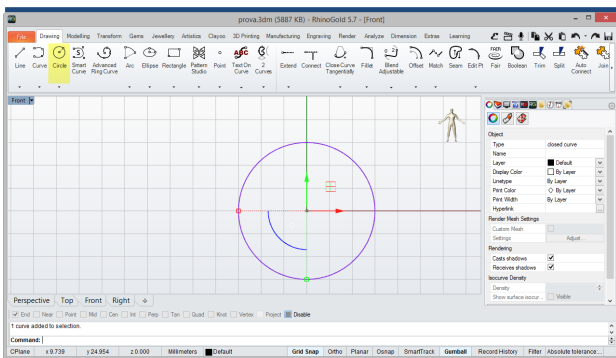




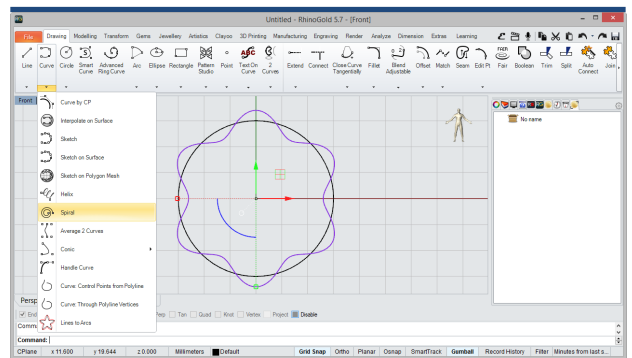
## Autumn Pendant

In this tutorial we'll try some of the more useful commands in RhinoGold. Powerful tools such as Pipe: Round Caps, Gem Studio, Bezel, Smart Curve, Dynamic Cap and Dynamic Polar Array.



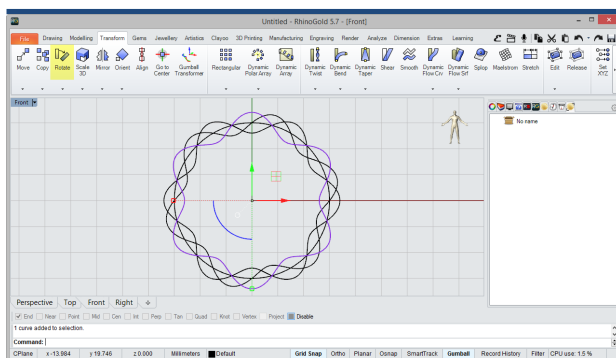
### 1 Circle

First, we'll go to the Drawing tab, select the Circle tool and trace a curve of 30 cm in diameter from the front view.



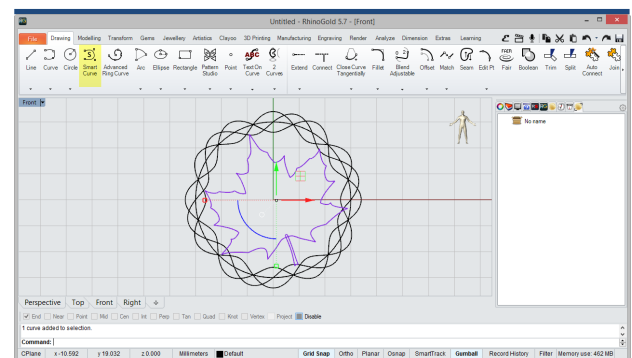
### 2 Spiral

Then, following in the Drawing tab we'll select the Spiral tool in the curve submenu, trace a spiral around the circular curve.



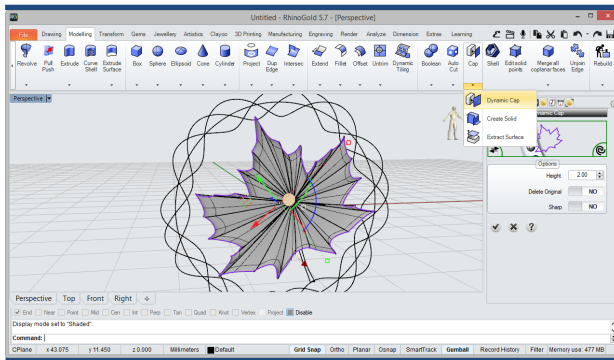
### 3 Rotate

Now, in the Transform tab we'll select the Rotate tool and define two curves with the copy option activated from the Command Line.



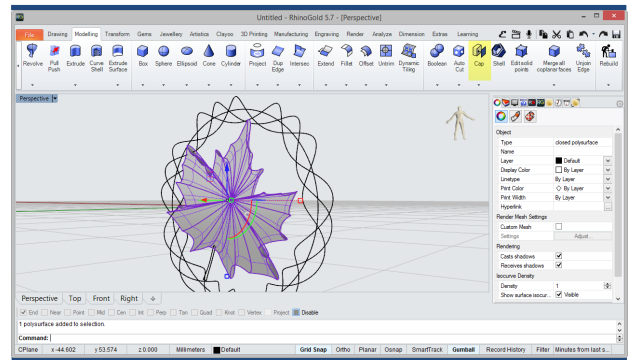
### 4 Smart Curve

Now, we'll select the Smart Curve tool in the Drawing tab and will trace two similar curves to those shown in the picture.



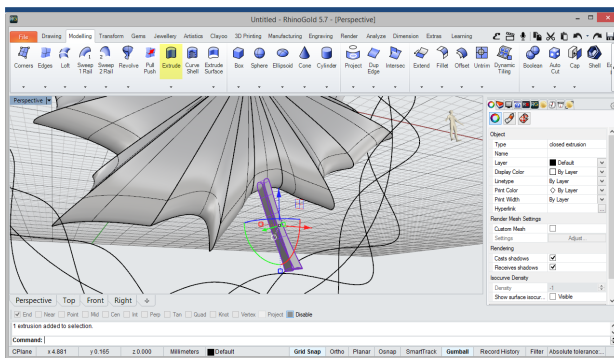
## 5 Dynamic Cap

Then, from the Modelling tab, we'll apply the Dynamic Cap tool in the curve traced in the previous step, defining an open surface.



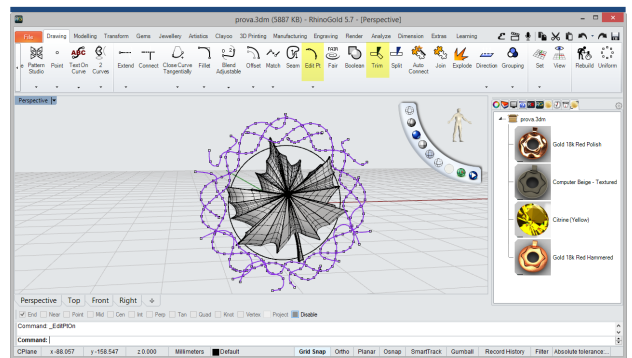
## 6 Cap

Now, following in the Modelling tab we'll apply the Cap tool on the open surface defined in the previous step.



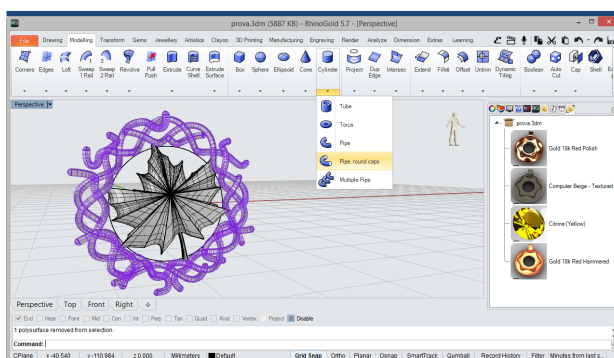
## 7 Extrude

In this step, we'll apply a 2mm extrusion on the curve using the Extrude tool, in the Modelling tab.



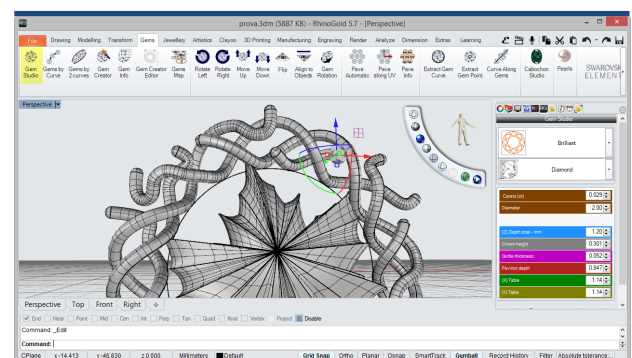
## 8 Trim / Edit Points

Now, in the Drawing tab we'll select the Trim tool and remove some curve portions with intersections, then edit the points to shape to the ends of the open curves using Edit Points tool.



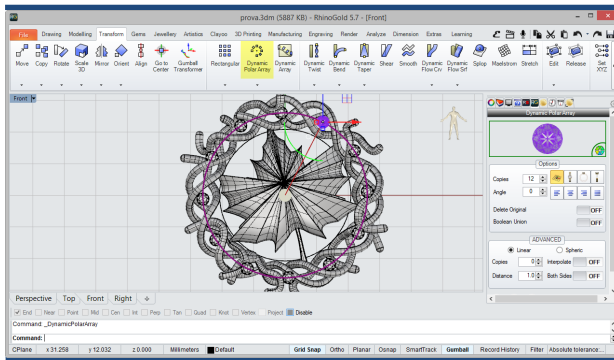
## 9 Pipe: round caps

Then, we'll apply the Pipe tool: round caps to the curves, from the Modelling tab, define pipes of 1.5 mm in thick.



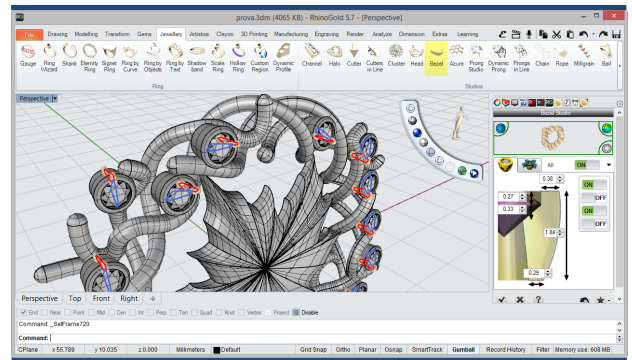
## 10 Gem Studio

Now, we'll define a Gem of 2.00 mm with Gem Studio tool and will position it between the pipes defined in the previous step.



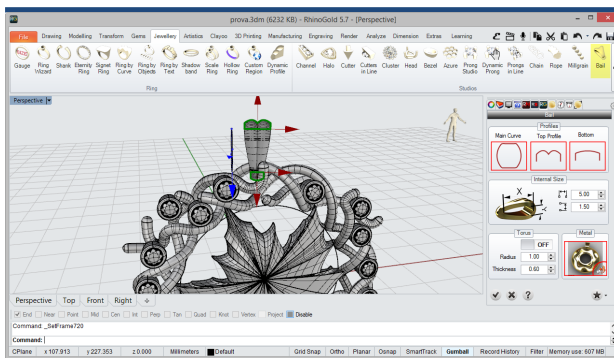
## 11 Dynamic Polar Array

Then, we'll apply an Array of 12 copies on the gem defined in the previous step using the Dynamic Polar Array, located in the Transform tab and will position the copies between the pipes.



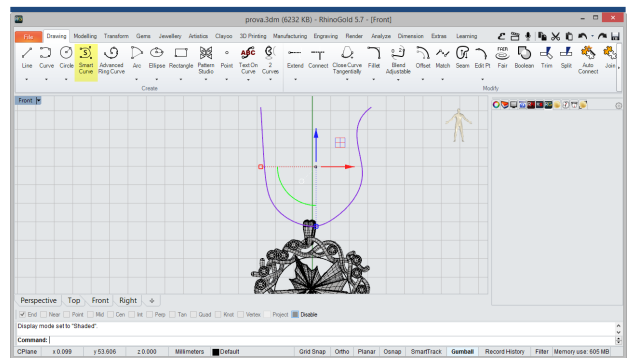
## 12 Bezel

Now, we'll define the bezels to the Gems with Bezel tool in the Jewellery tab.



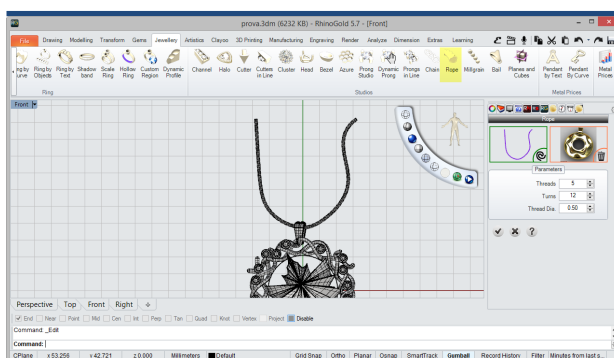
## 13 Bail

In this step, we'll define a Finding for pendants from Jewellery tab, selecting the Bail tool.



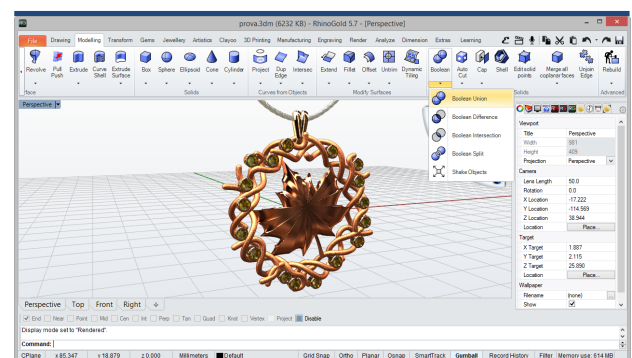
## 14 Smart Curve

Now, we'll trace a similar curve to that shown in the image using the Smart Curve tool, located in the Drawing tab.



## 15 Rope

Then, we'll select the Rope tool from the Jewellery tab and apply it to the curve traced in the previous step.



## 16 Boolean Union

Finally, we'll apply a Boolean Union between all solids to unify the piece.