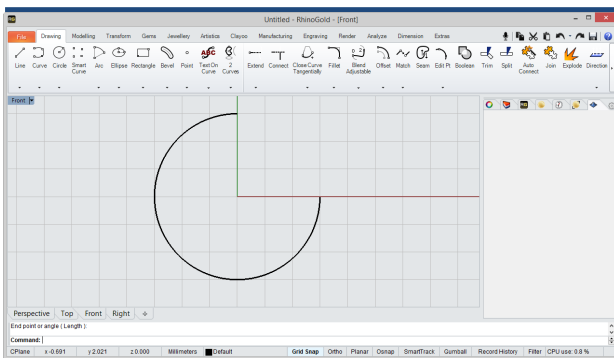




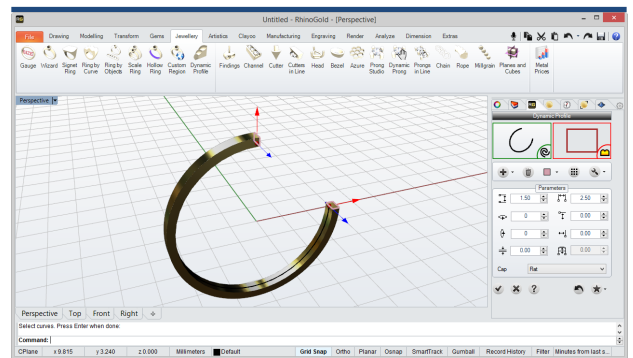
## Diamond Hoops

In this tutorial we will try out some of the most useful commands in RhinoGold. Powerful tools such as Dynamic Profile, Gems by Curve, Cutters in Line and Findings.



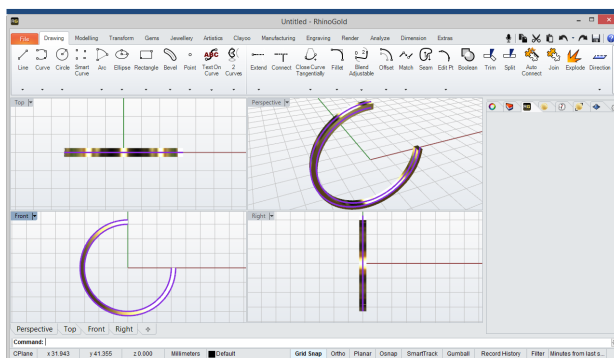
### 1 Arc

Under the Drawing tab, with the Arc tool, we can define a curve with 30mm diameter as shown above!



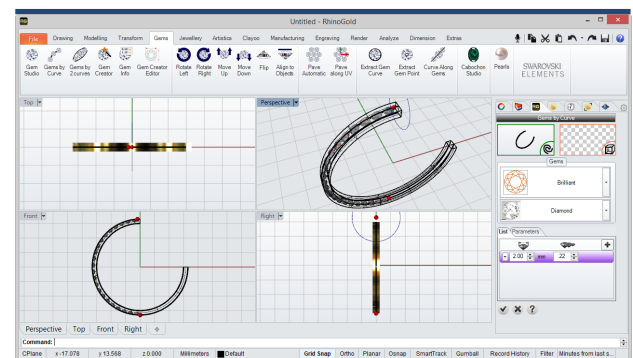
### 2 Dynamic Profile

Now, under the Jewellery tab with the Dynamic Profile tool we can apply a rectangular solid along the curve created before.



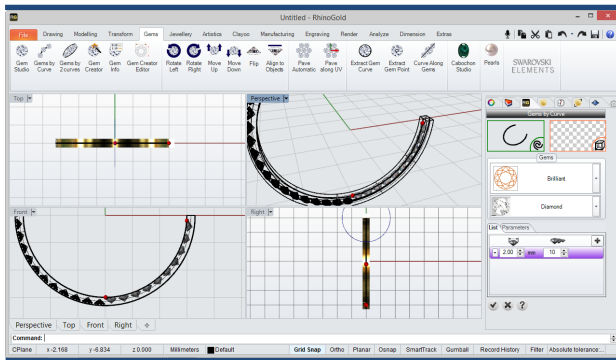
### 3 Offset

Under the Drawing tab, with the Offset tool we can define the top curve of the hoops, as seen in the image above.



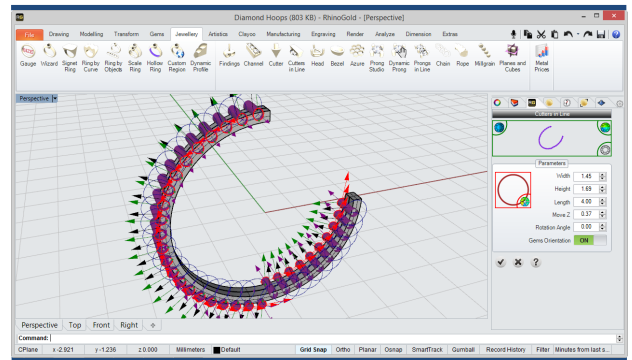
### 4 Gems by Curve

Now, under the Gems tab with the Gems by Curve tool to apply 22 gems with 2mm diameter along the curve created before, just in the front of the hoops as the above image.



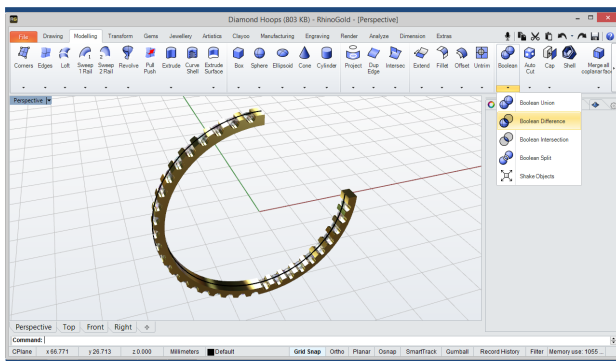
## 5 Gems by Curve

Still under the Gems tab with the Gems by Curve tool to apply gems in the bottom part of the earrings as the above image.



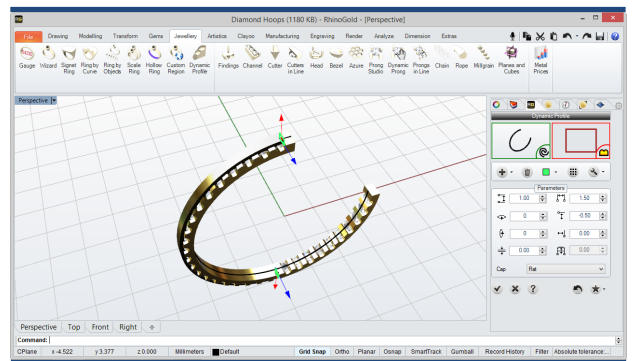
## 6 Cutters in Line

Under the Jewellery Tab with the Cutters in Line tool to create the cutters to apply on the gems created before. It's important to define the parameters in the commands line.



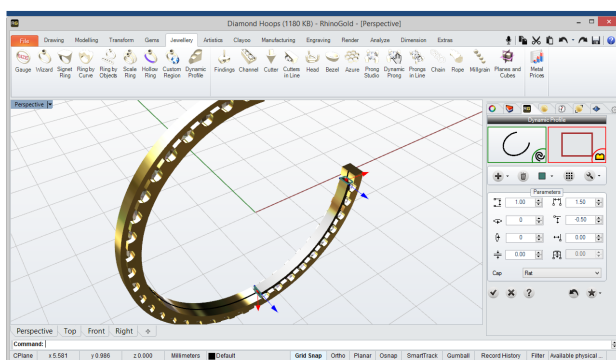
## 7 Boolean Difference

Then, with the Boolean Difference tool from the Modelling tab to remove the cutters from the hoops.



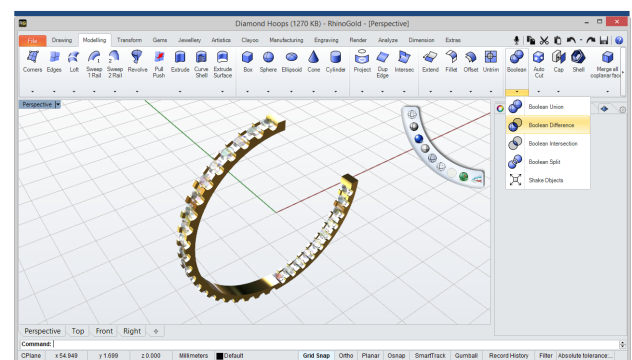
## 8 Join

Now, under the Jewellery tab with the Dynamic Profile tool to create a cutting object along the front curve from the hoops as the above image.



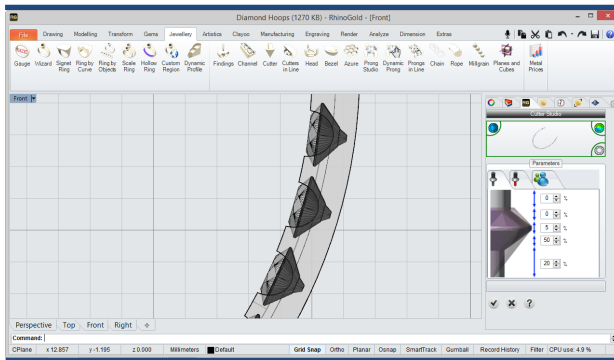
## 9 Dynamic Profile

Then, again with the Dynamic Profile tool from the Jewellery tab to create another cutting object. In this case in the bottom part of the hoops!



## 10 Boolean Difference

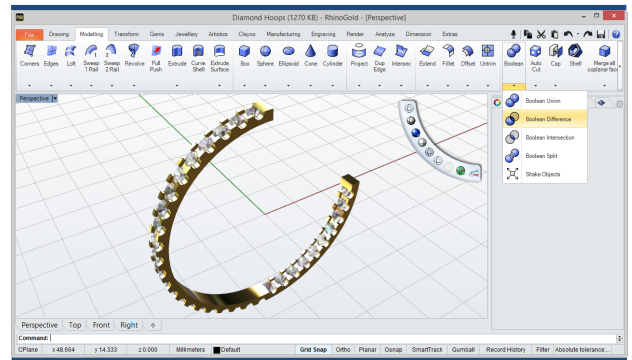
Now we can remove the cutting objects created before, to do it, with the Boolean Difference tool under the Modelling tab.



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## Cutter Studio

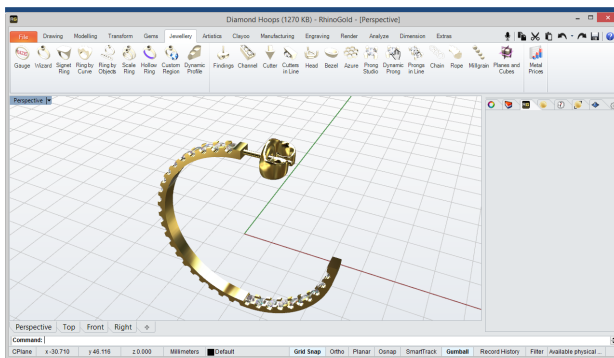
Under the Jewellery tab, with the Cutter tool to create the cutters to apply on the gems, as shown in the image above.



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## Boolean Difference

Under the Modelling tab with the Boolean Difference tool to remove the cutters from the hoops, as shown in the image above.



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## Findings

Finally, with the Findings tool under the Jewellery tab to select the earrings lock. Then we can use the Gumball to place it as shown above.