RhinoGold®
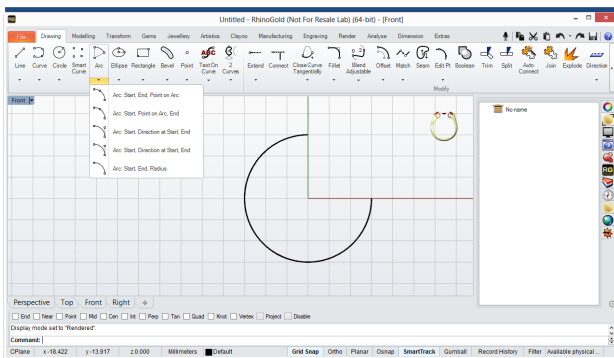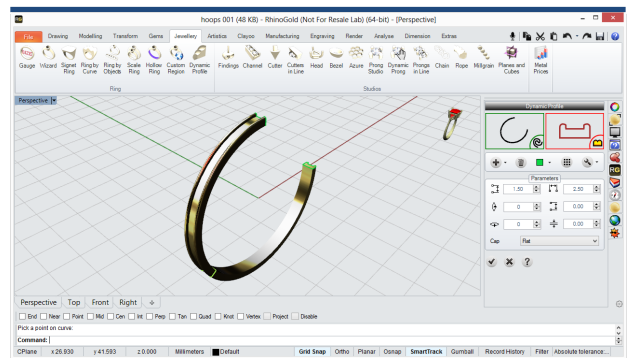
Hoops

In this tutorial we will try out a few more powerful commands in RhinoGold. Very useful tools such as Dynamic Profile, Gems by 2 Curves, Cutter Studio, Findings and Prongs In Line.
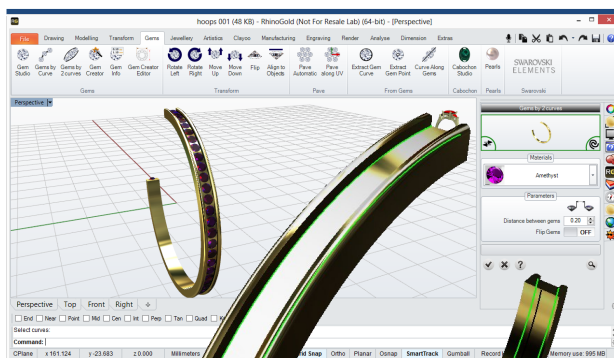

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1 Arc

Under the Drawing tab we can choose the tool Arc and in the front view define it with the Snap option activated as seen in the picture above.
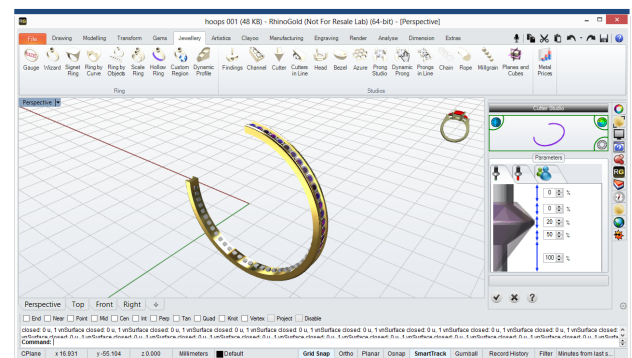

2 Dynamic Profile

Now, under the Jewelry tab with the Dynamic Profile tool select the arc and define all the parameters to create the hoops according to our needs. We recommend 1.5mmx2.5mm dimentions of the profile
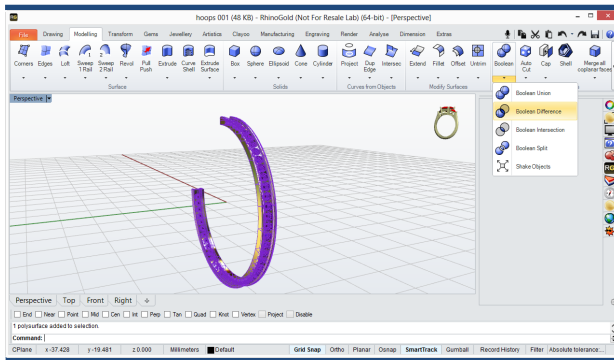

3 Gems by 2 Curves

Now, in the Gems tab, run the Gems by 2 Curves tool and define the parameters to place the gems around the hoop. Select the inner edges and click preview.
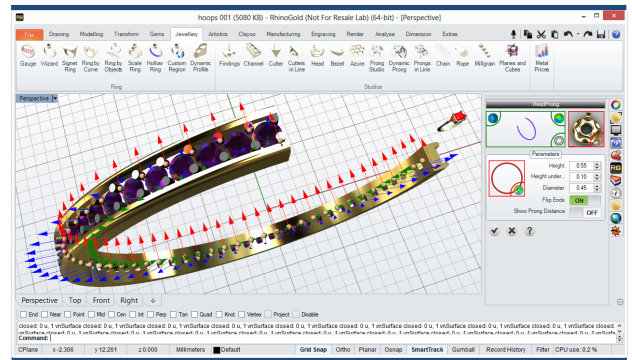

4 Cutter Studio

Select all the Gems created previously and under the Jewelry tab choose the Cutter Studio tool to make the cutters.

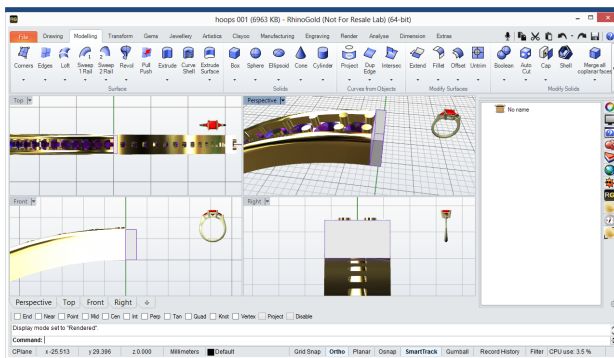TDM Solutions;

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5 Boolean Difference

Now, under the Modeling tab, use the Boolean Difference tool to remove all of the cutters created previously on the hoop.
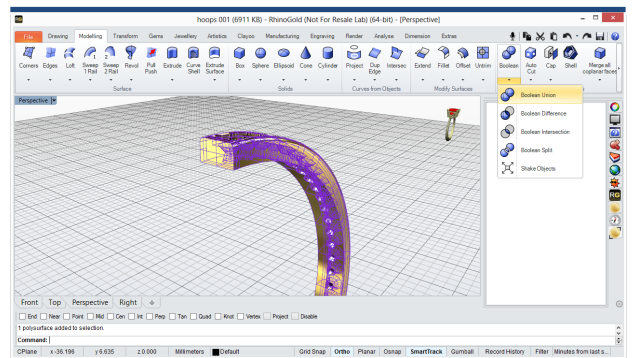

6 Prongs in Line

Back to the Jewelry tab, with the Prongs in Line tool, define all the parameters to create prongs that will support each gem. It's important to press Shift key when using the gumballs to place the prongs in order to adjust them all at the same time.
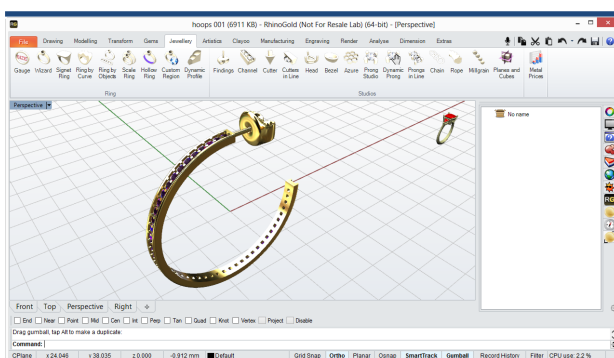

7 Box

Now, under the Modeling tab we will use the Box command to create an object as seen in the above image which will support the ear wire.

8 Boolean Union

Under the Modeling tab with the Boolean Union tool, we can unite all the parts created previously into one closed solid.

9 Findings

Now, under the Jewelry tab we will use the Findings command to choose the ear wire we wish to use in this model. Then we can position it with the Gumball option under the Osnap.

We're TDM Solutions, developers of RhinoGold with more than 10 years of experience. Our goal is to deliver 3D to jewelry designers! Enjoy learning RhinoGold through these tutorials based on real jewelry.

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