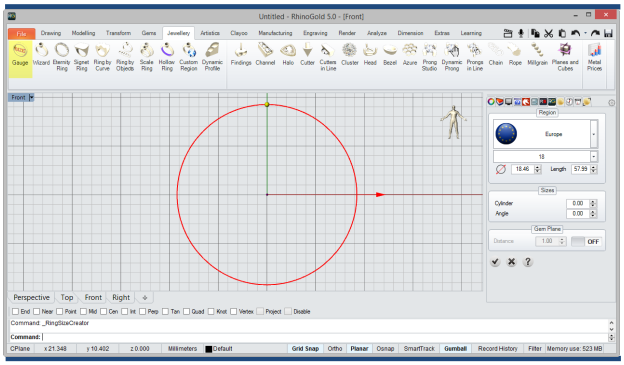
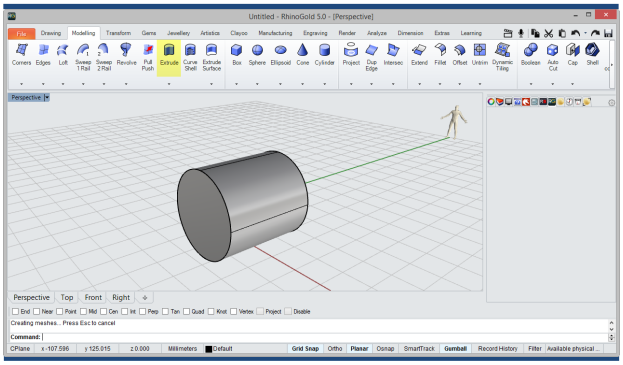
Spiral Ring

In this tutorial we will use RhinoGold tools such as Gauge, Spiral, Dynamic Profile, Pavé UV and Prongs Online.



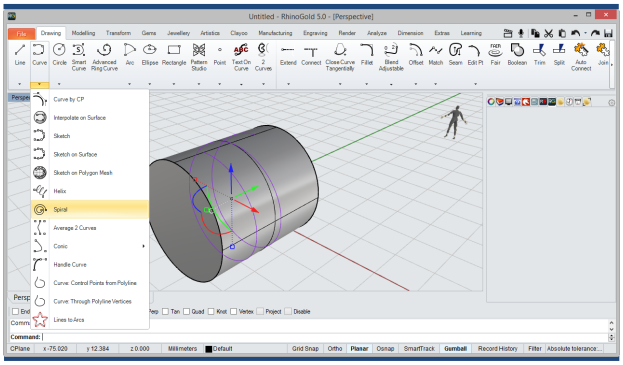
1 Gauge

First, we'll go to the Jewellery tab and define a ring size 18 European with Gauge tool.



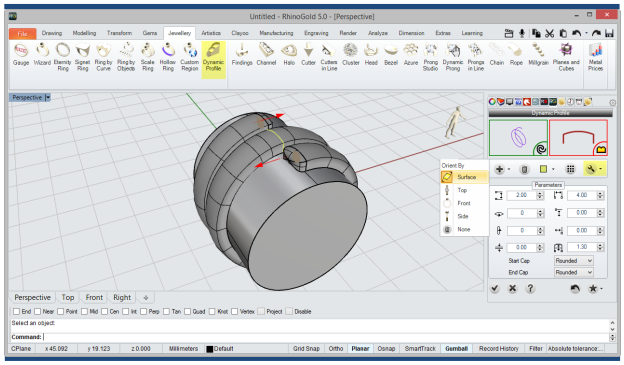
2 Extrude

Now, we'll select the Extrude tool in the Modelling tab and apply it in the Gauge curve.



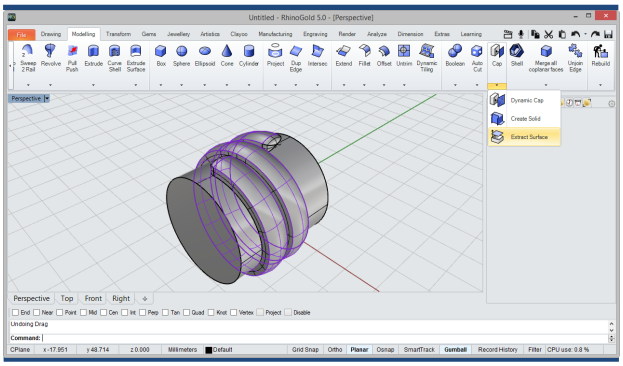
3 Spiral

Then, we trace a similar curve to the image with Spiral tool, define 2 turns in Command Line options .



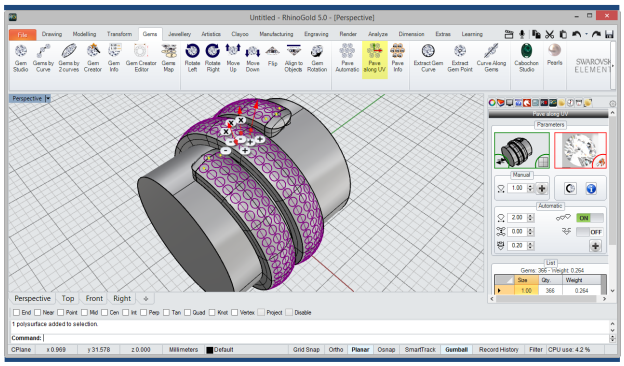
4 Dynamic Profile

In this step, we'll go to the Dynamic Profile tool, in the Jewellery tab and apply a profile of 2mm x 4mm. In the tool options select the Orient by Surface option, in this case the cylinder and 1.30mm caps.



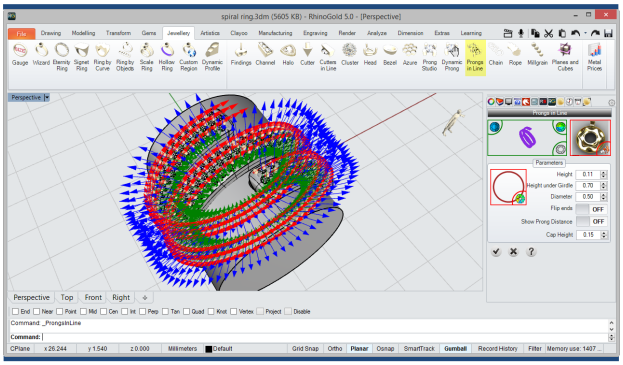
5 Extract Surface

Now, we'll extract the profile surface with the Extract Surface tool, into the Cap submenu, in the Modeling tab. Choose the Copy option in the Command Line.



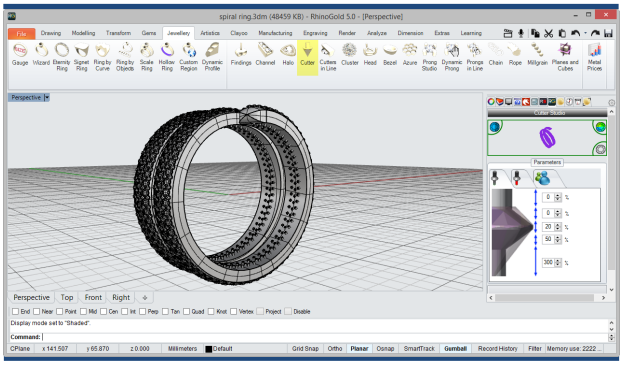
6 Pave along UV

Then, we'll select the Pave UV tool and apply it in the extracted surface, apply 1mm gems.



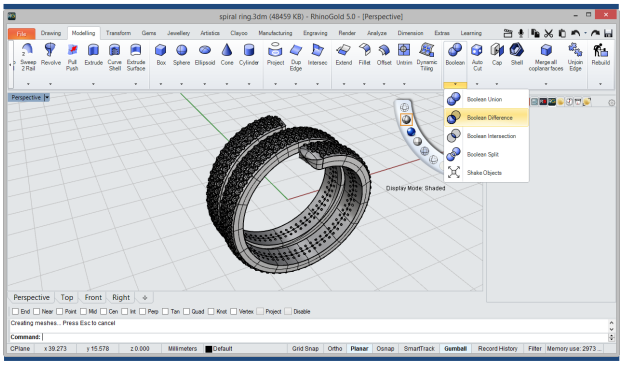
7 Prongs in Line

Then, we'll go to Jewellery tab and select the Prongs in Line tool. Must take into mind the Flip ends option to place the prongs on the ends correctly.



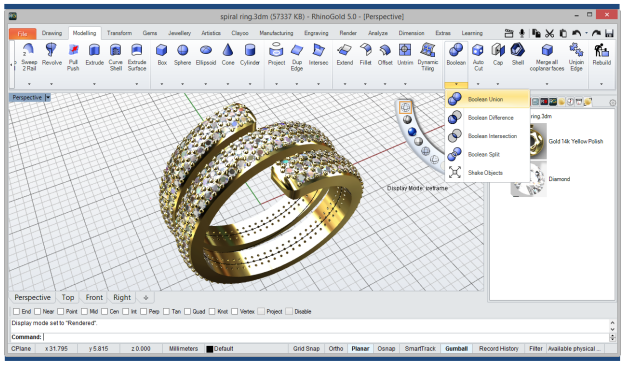
8 Cutters

Now, we'll define the cutters to the gems with Cutters tool, in the Jewellery tab.



9 Boolean Difference

Then, we'll apply a Boolean Difference to extract The cutters from dynamic profile surface.



10 Boolean Union

Finally, we'll apply a Boolean Union between prongs and Dynamic Profile.