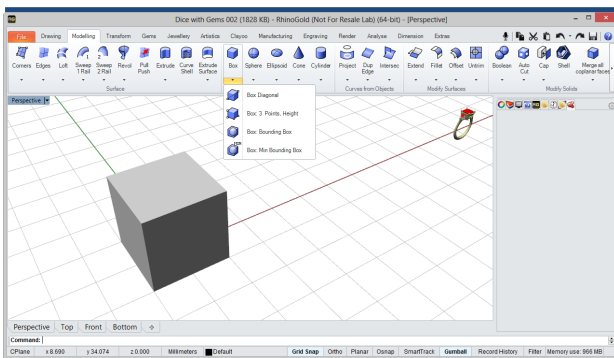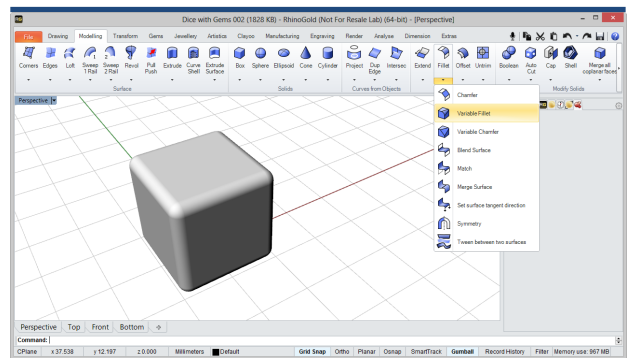# RhinoGold®

Dice with Gems

In this tutorial we will try out some of the most useful commands in RhinoGold. Powerful tools such as Gem Studio, Cutter Studio, Fillet and Boolean Operations.
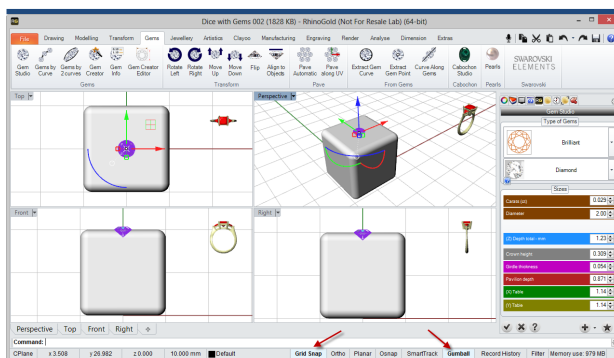

1 Box

Under the Modeling tab with the Box tool we can create a cube, in this case with 10mm for each side. We can activate the center option in the commands line.
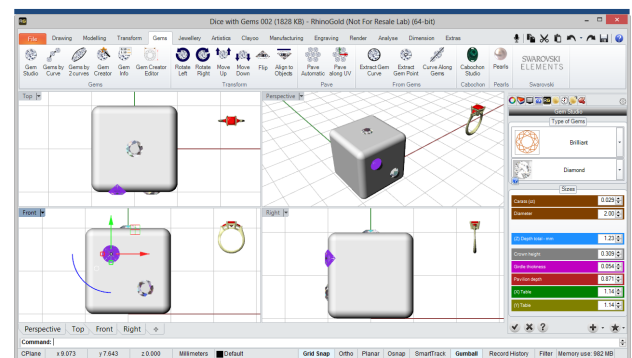

2 Variable Fillet

Then, with the Variable Fillet tool in the Modeling tab and select all the edges to fillet, in this case with 1mm angle.
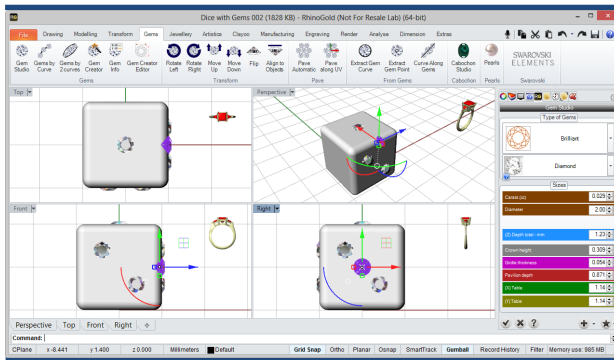

3 Gem Studio

Now, in the top view, with the Gem Studio tool under the Gems tab we can place a Gem, in this case a 2mm diameter gem. The Snap option must be activated and move it to the intended position with the Gumball transformer.
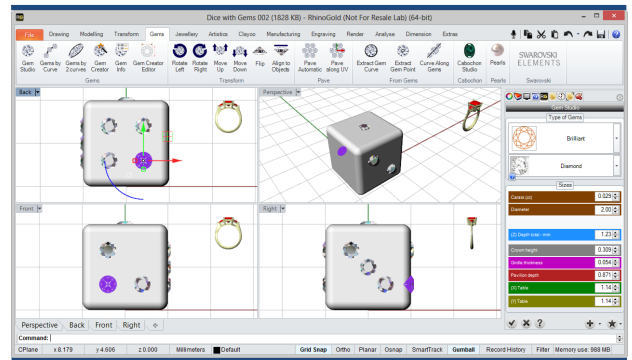

4 Gem Studio

Then, repeat the previous process but this time in the front view and place two Gems as seen in the above image.
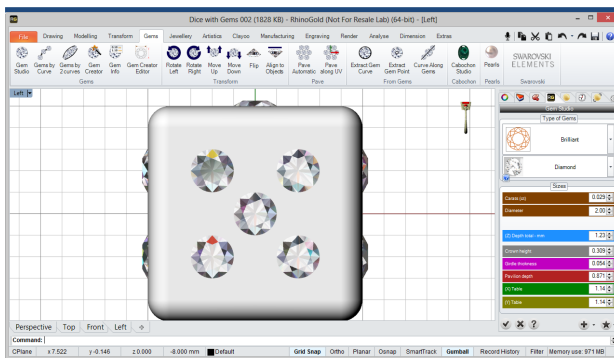
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5 Gem Studio

Now, the same process as the previous steps but this time in the right view and place three Gems as the above image.
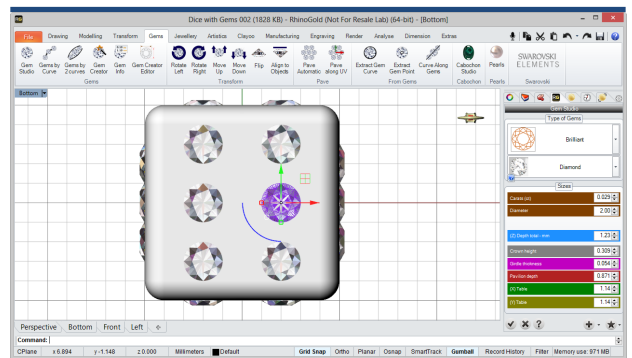

6 Gem Studio

Then, repeat the previous processes again. This time in the back view and place four Gems as the above image.
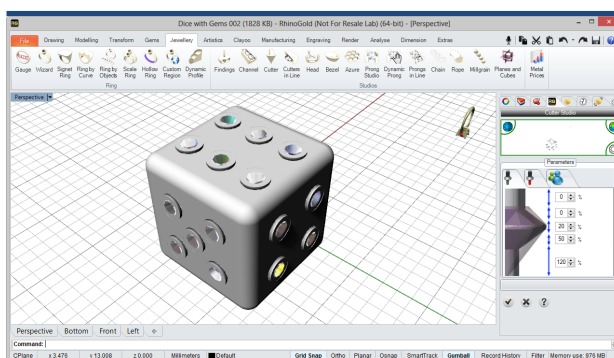

7 Gem Studio

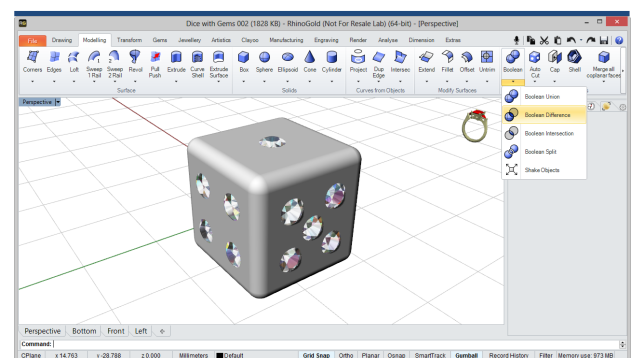Now, do the same process again but with five stones and in the left view.

8 Gem Studio

Lastly, in the bottom view, the same as the previous steps but this time with six Gems as seen in the above picture.

9 Cutter Studio

Under the Jewellery tab with the Cutter Studio tool, we can selecting the Gems and define all the parameters to create cutters as needed.

10 Boolean Difference

Lastly, in the Modeling tab, with the Boolean Difference tool we can remove the cutters from the dice.

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