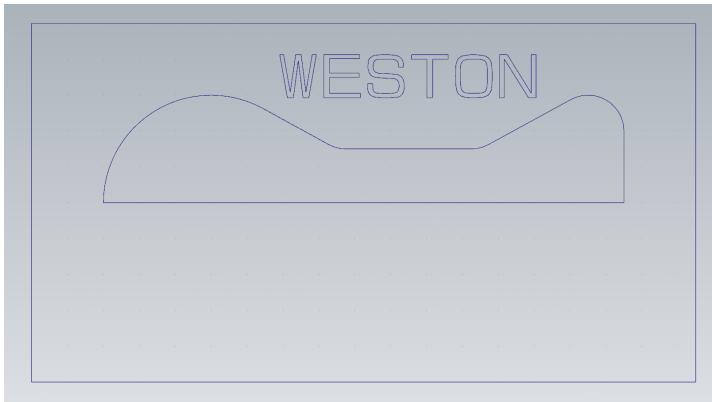
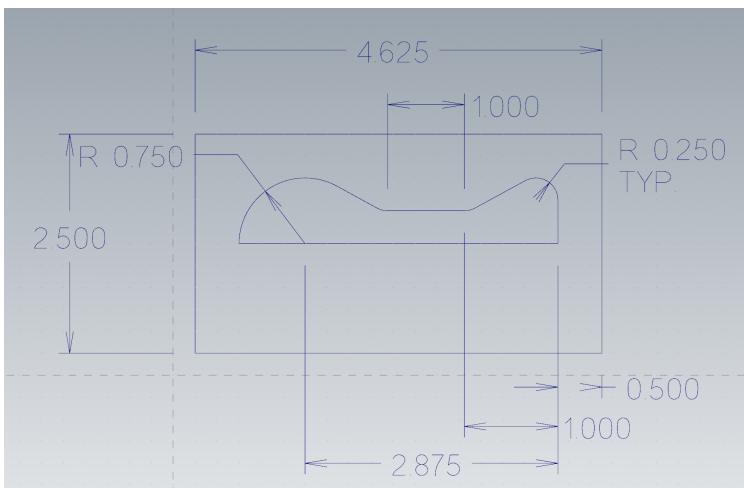


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Mill Lesson 9 First Exercise

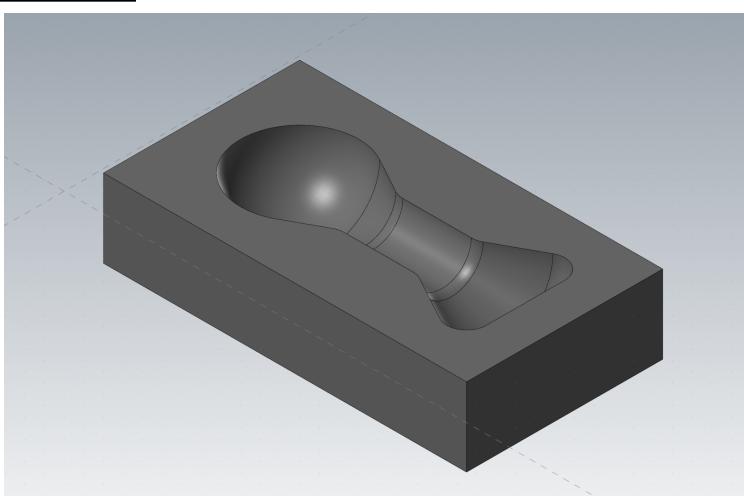
I. Wireframe:



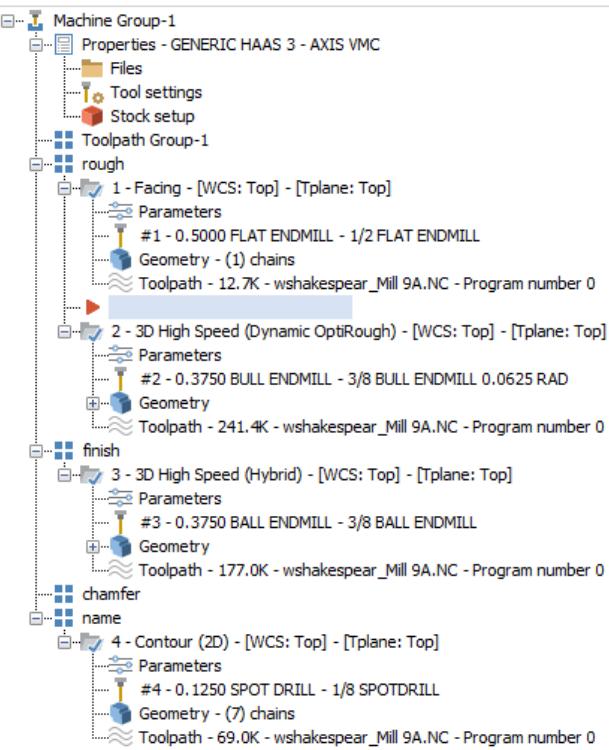
II. Dimensions:



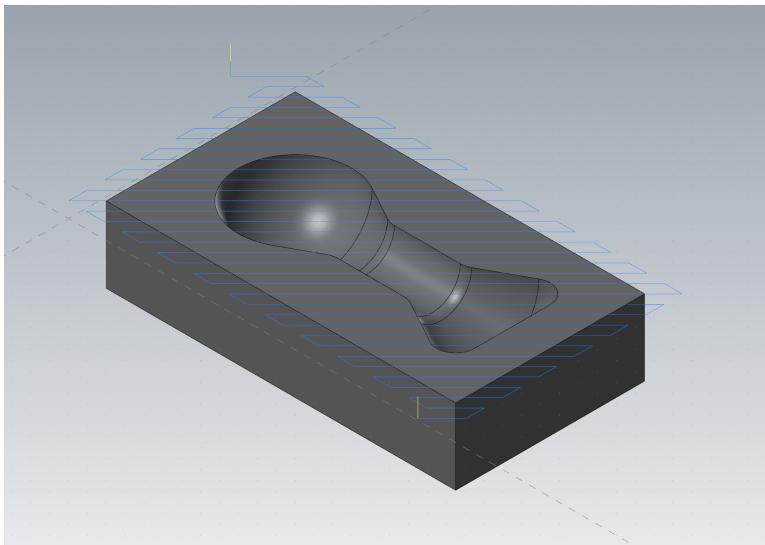
III. Solid:



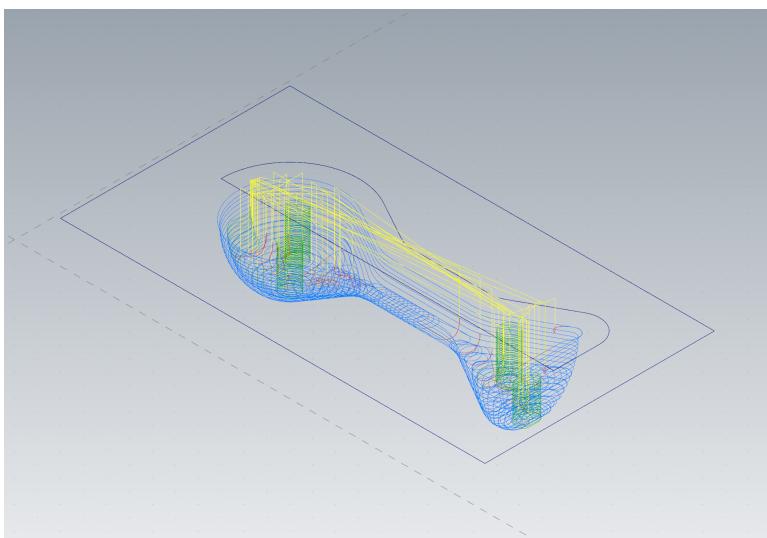
## IV. Toolpath:



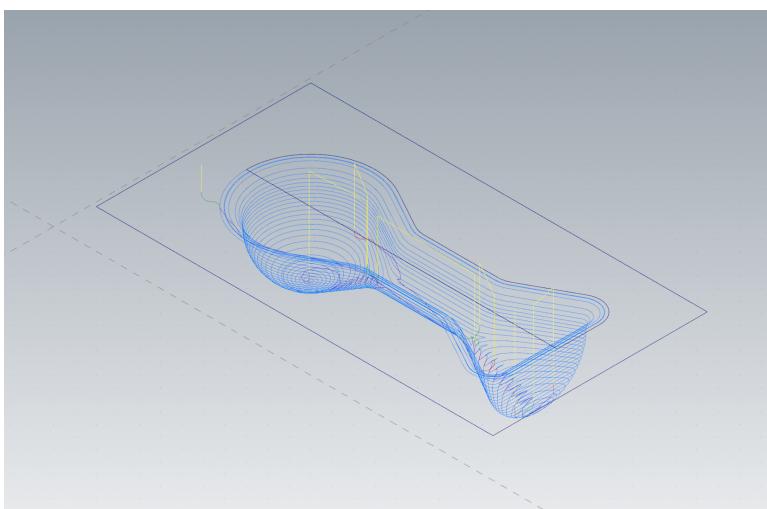
## V. $\frac{1}{2}$ " Endmill:



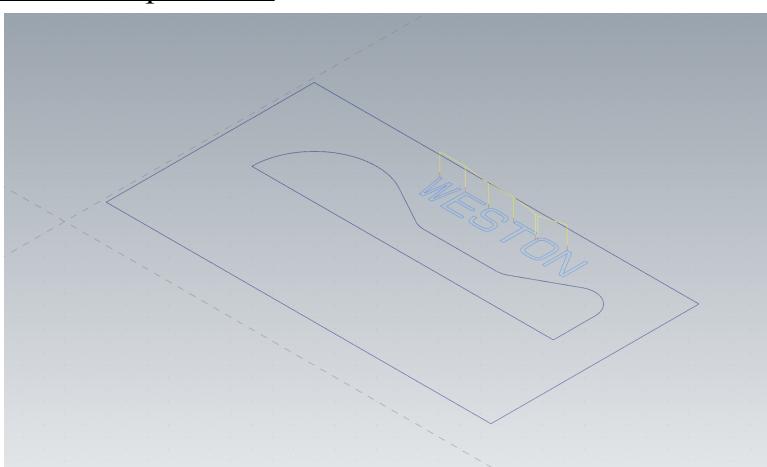
VI.  $\frac{3}{8}$ " Bull Endmill (0.0625" corner):



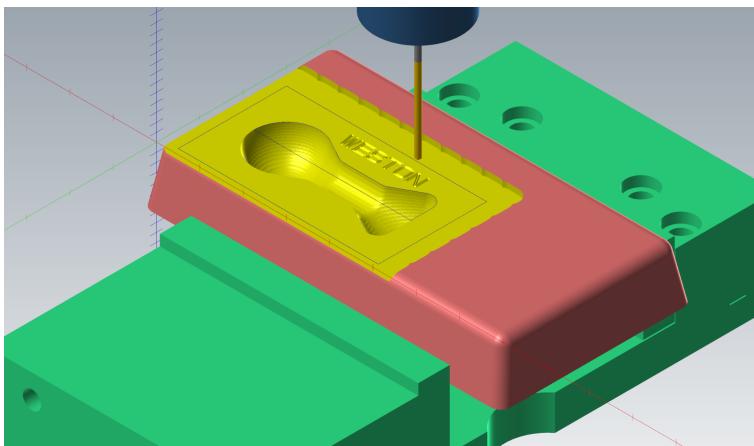
VII.  $\frac{3}{8}$ " Ball Endmill:



VIII.  $\frac{1}{8}$ " Spot Drill:



### IX. Final Solid:



### X. Method:

I drew in the first circle on the origin point and built the rest offsetting lines and then trimmed everything to be a silhouette for the revolve tool. Then I followed the tutorial for creating the revolve cut.

### XI. GCode Changes

To modify my gcode to be compatible with the machine I first made sure the HAAS 3 axis post processor was selected when exporting the gcode. Then I removed the long lines at the beginning and edited the last G28 home command to not zero the x axis.

### XII. Finished Part

