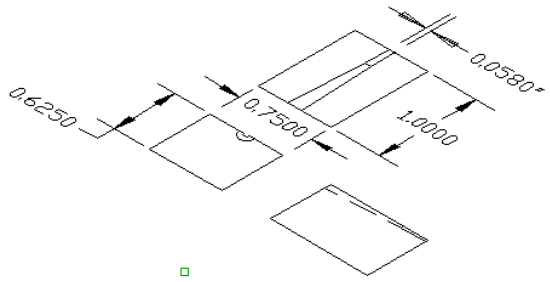
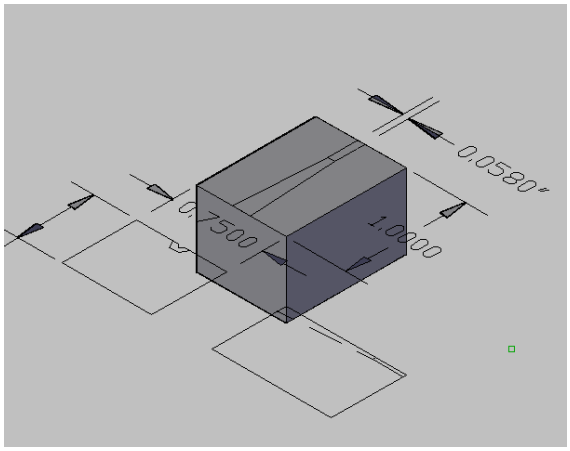
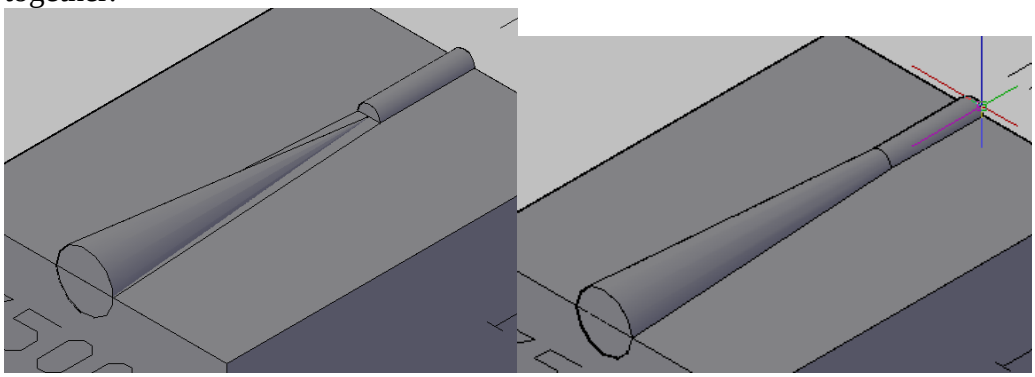
Russ,
Just a way of doing the piece from ACAD to Meshcam.
RICH
1.First opened the drawing in ACAD 3D.



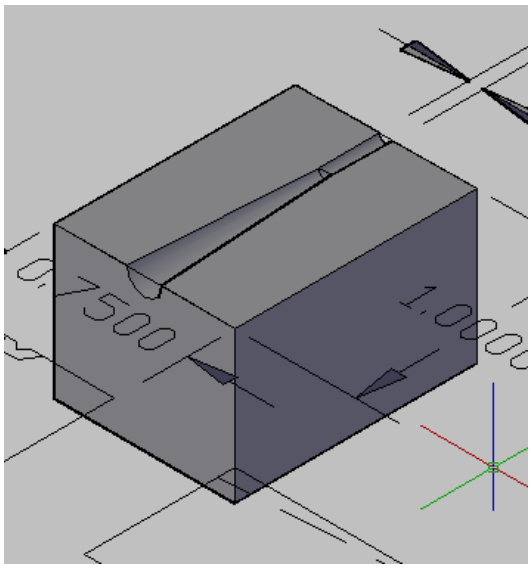

2.Created a block using the drawing as drawn.



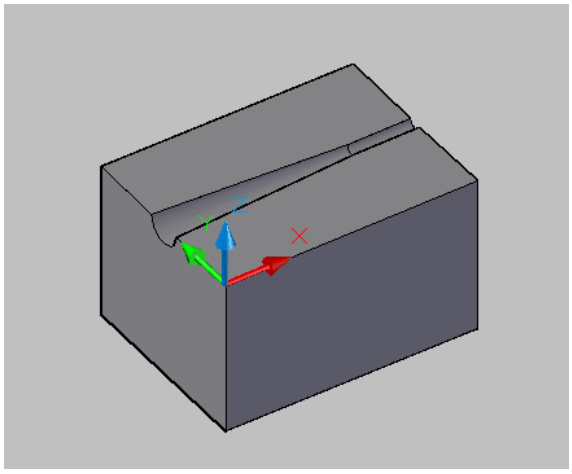
3.Created a cylinder and cone and modified the cone and did a union to joined them together.



4.Then I did a subtract of the cones from the block.

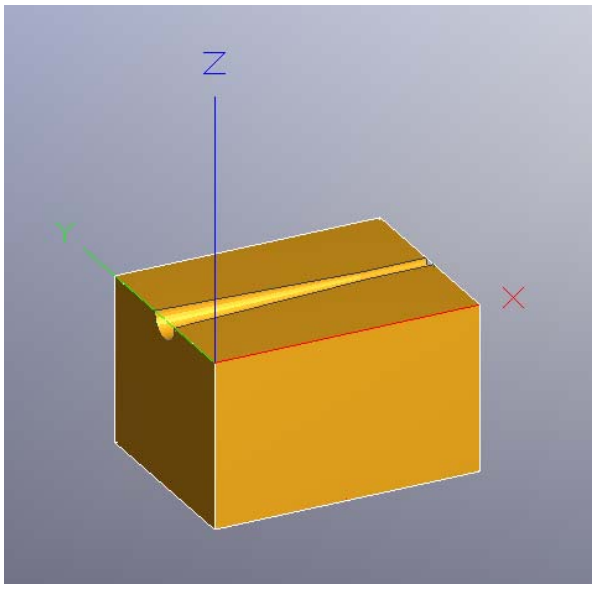


5.Then I rotated and moved the piece as shown so X axis would be the long side and the start point is at the top of the face and edge of the block as shown. X and Y are positive values and z is negative. You choice of where the origin in 3D may be different …….but that is how I would set it up for machining.

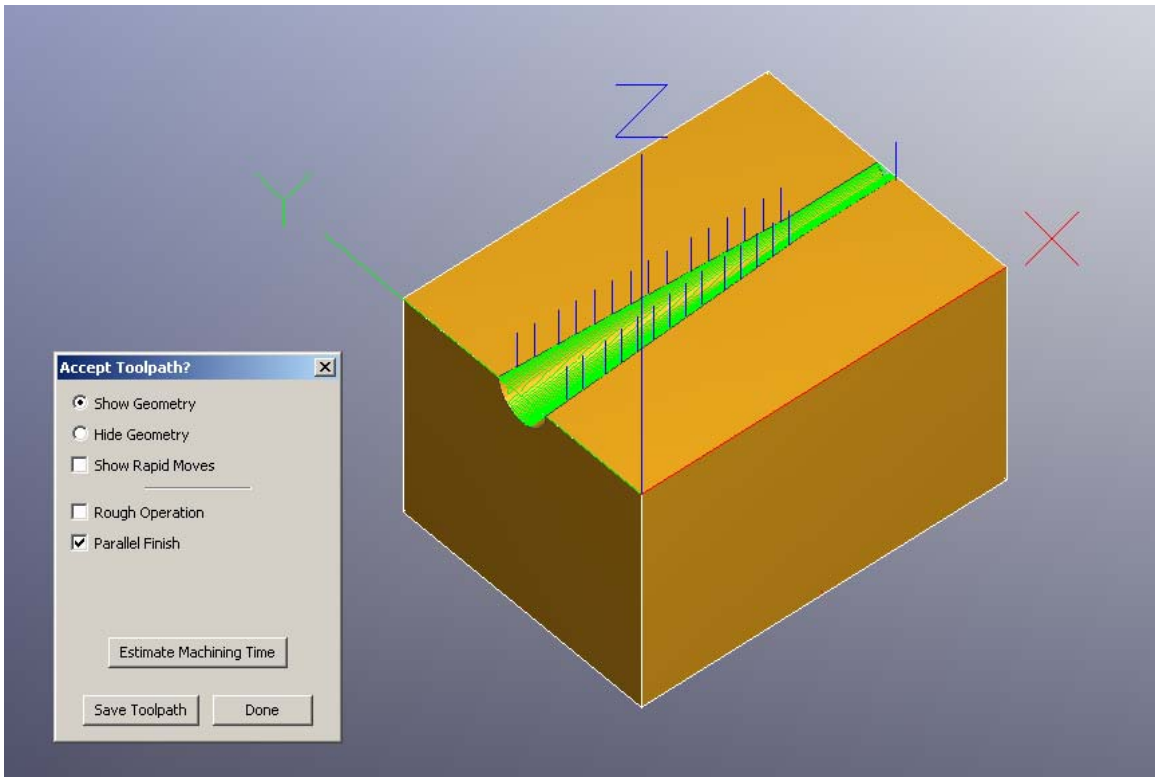


6.The finished block is exported as a STL file. Before you export use a FACETRES VALUE OF 10.

7. The stl file is opened in Meshcam and moved the geometry to as shown.
Will have to go back and see what I did wrong on the export of the cad file, but, simple enough to fix / re-orient in Meshcam.



Just a pic of passes done along the x axis. You have a lot of choices depending on cutter type but this gives you an idea of what can be generated for code. Depending on the ball end mill you should look at how smooth of a surface will be generated based on the ball radius and step-over.




Here are a few views from CutViewer mill. Small step-over 680 lines of code and you better have an accurate machine and no backlash if using a small end mill.