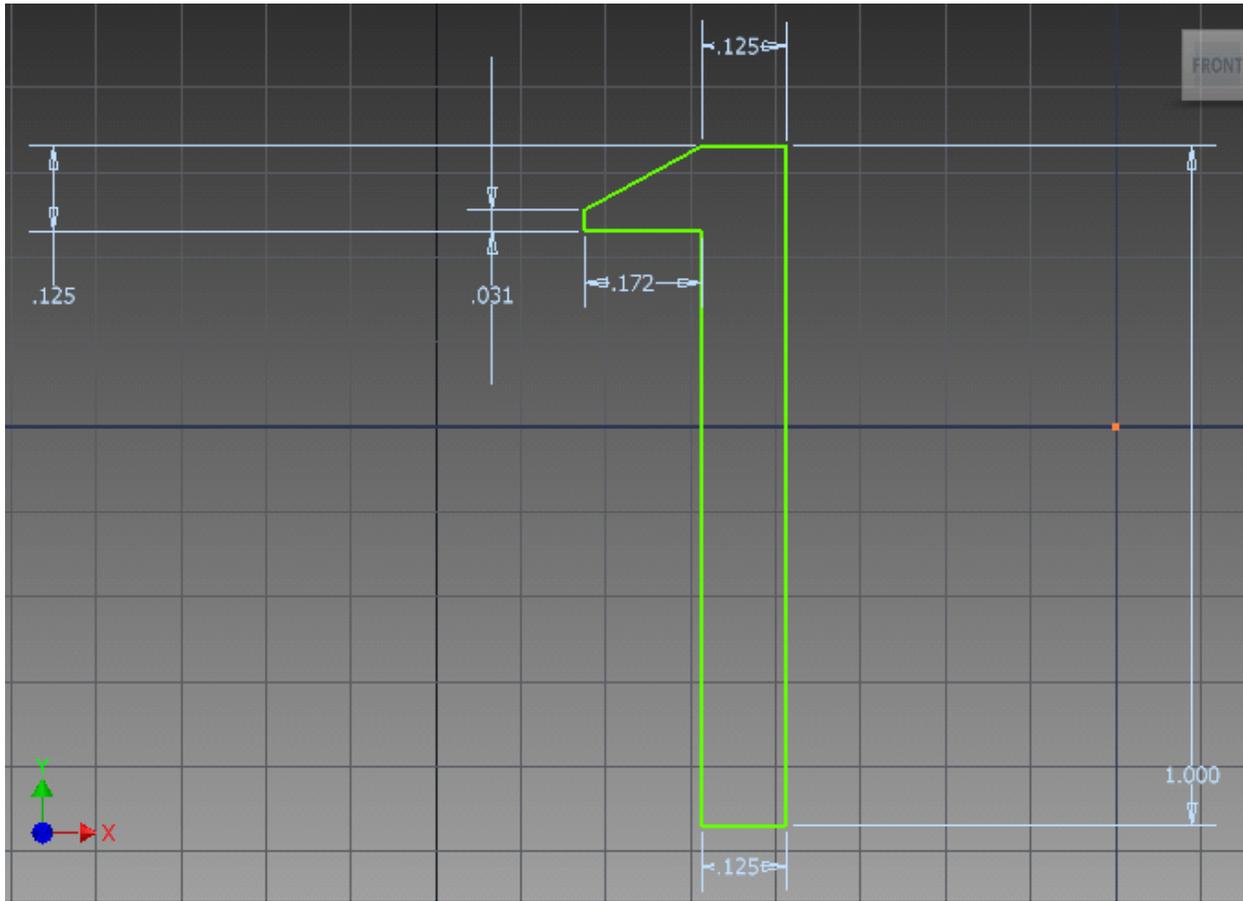# Axel Peg

Open a standard.ipt
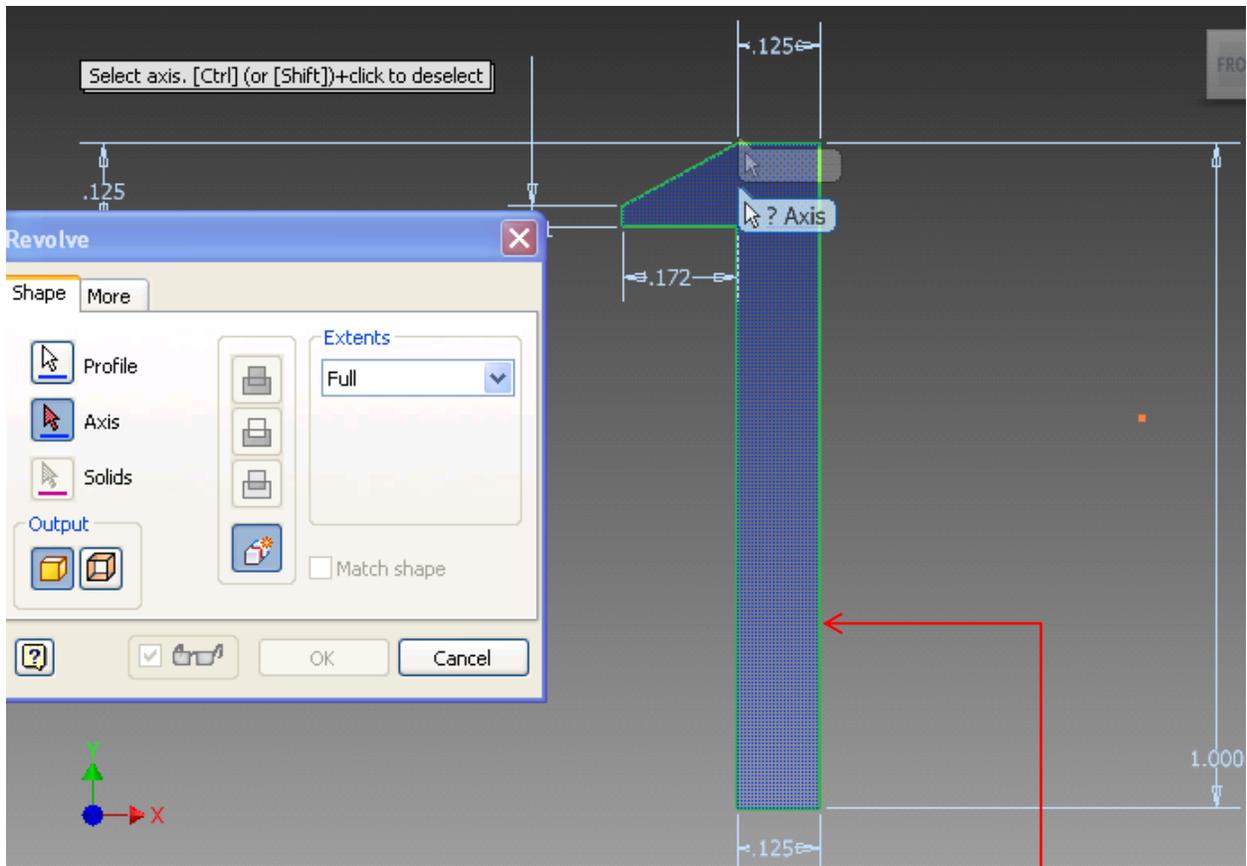
Use the line tool **Line** to create the drawing above. Make sure to close loop and dimension correctly.

Next hit finish sketch **Finish Sketch** **Exit**

Next hit revolve and make sure you click the correct axis

Select axis. [Ctrl] (or [Shift])+click to deselect

.125

.172

.125

Revolve

Shape | More

Profile

Axis

Solids

Output

Extents

Full
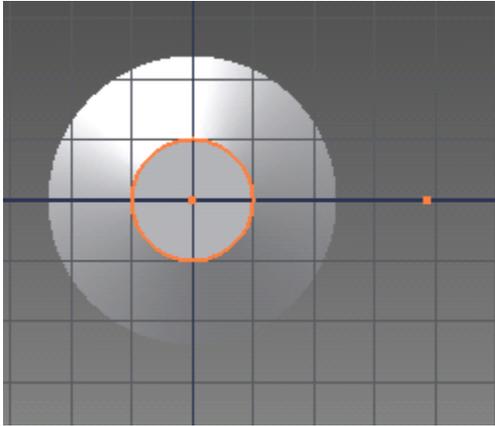
Match shape

OK | Cancel

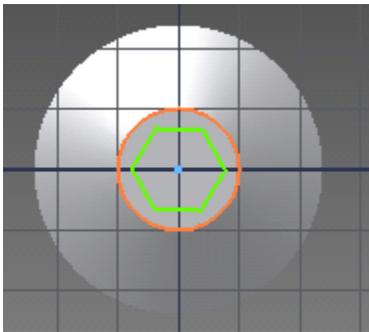1.000

.125

Y

X

This is the axis you need to click

The revolve should look like this

Next you need to create a 2d sketch on the top of the axel peg

next you need to create a polygon on the top look at dimensioning to put in correctly.
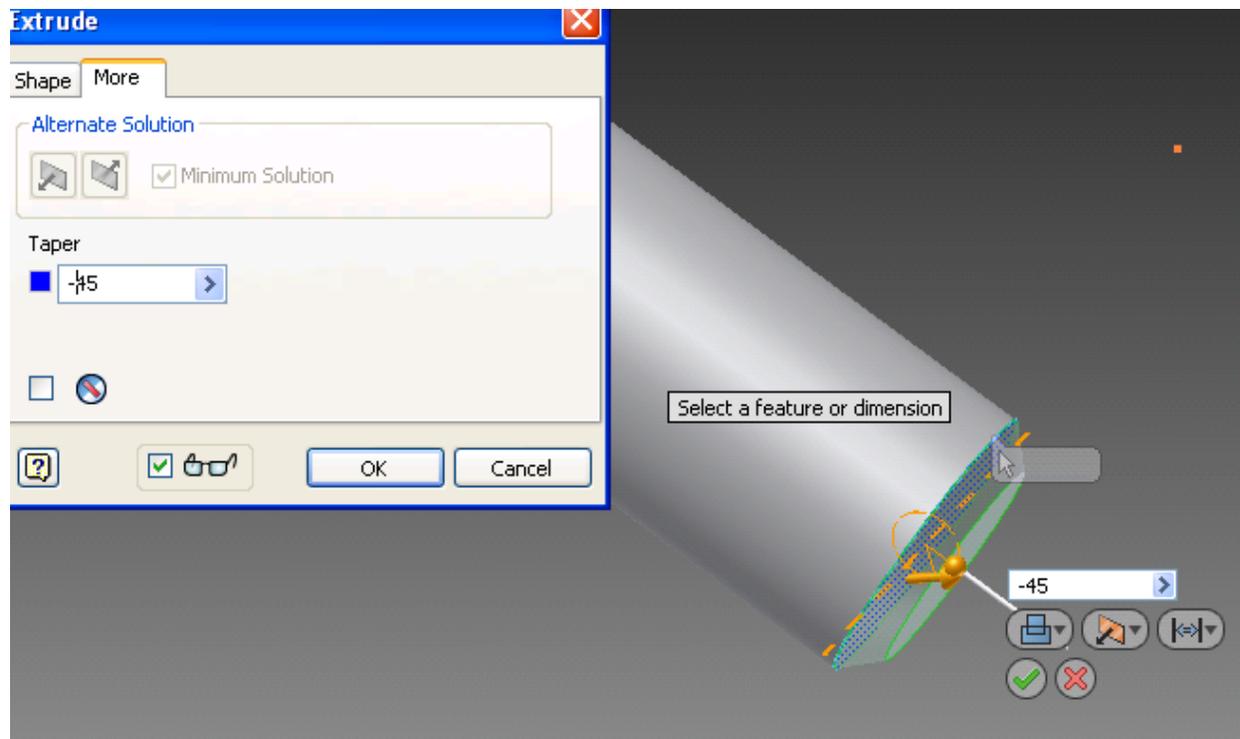
hit finish sketch then extrude cut the polygon down .111

Last step is to put the circle on the bottom of the axel peg. First you create a 2d sketch and draw a circle using the circle tool.

then finish sketch and extrude out .03 then hit tab and make it a -45 degree

Final object should look like this