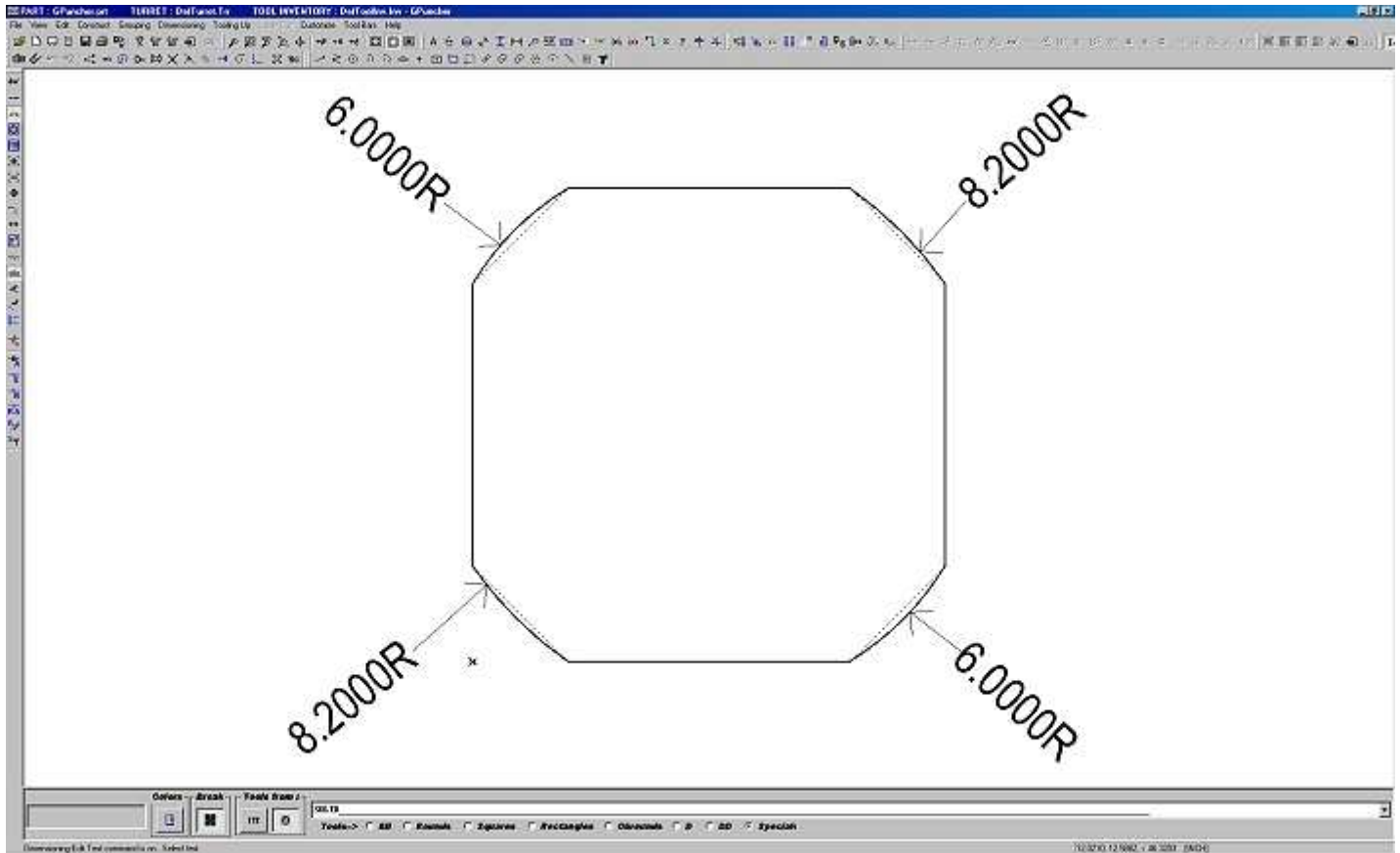


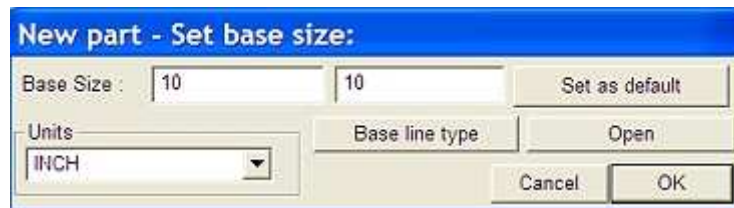
3 POINTS ARCS TUTORIAL

As shown below a part with four-corner radius will be our tutorial.



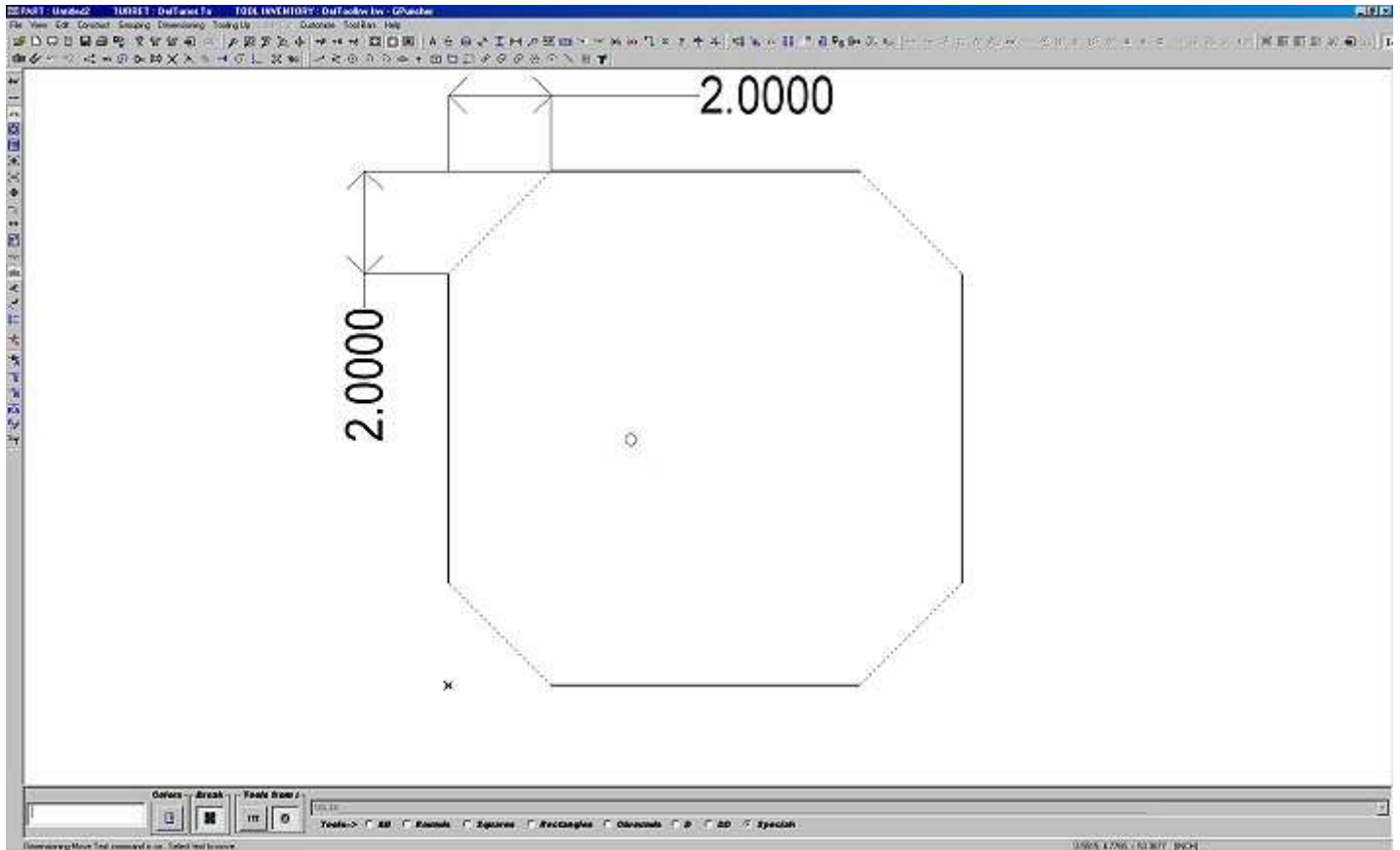
The initial base

Got menu File-New Part to initiate our base and set the base size to 10.000, 10.000 and the system to inches then click the OK button as shown below:



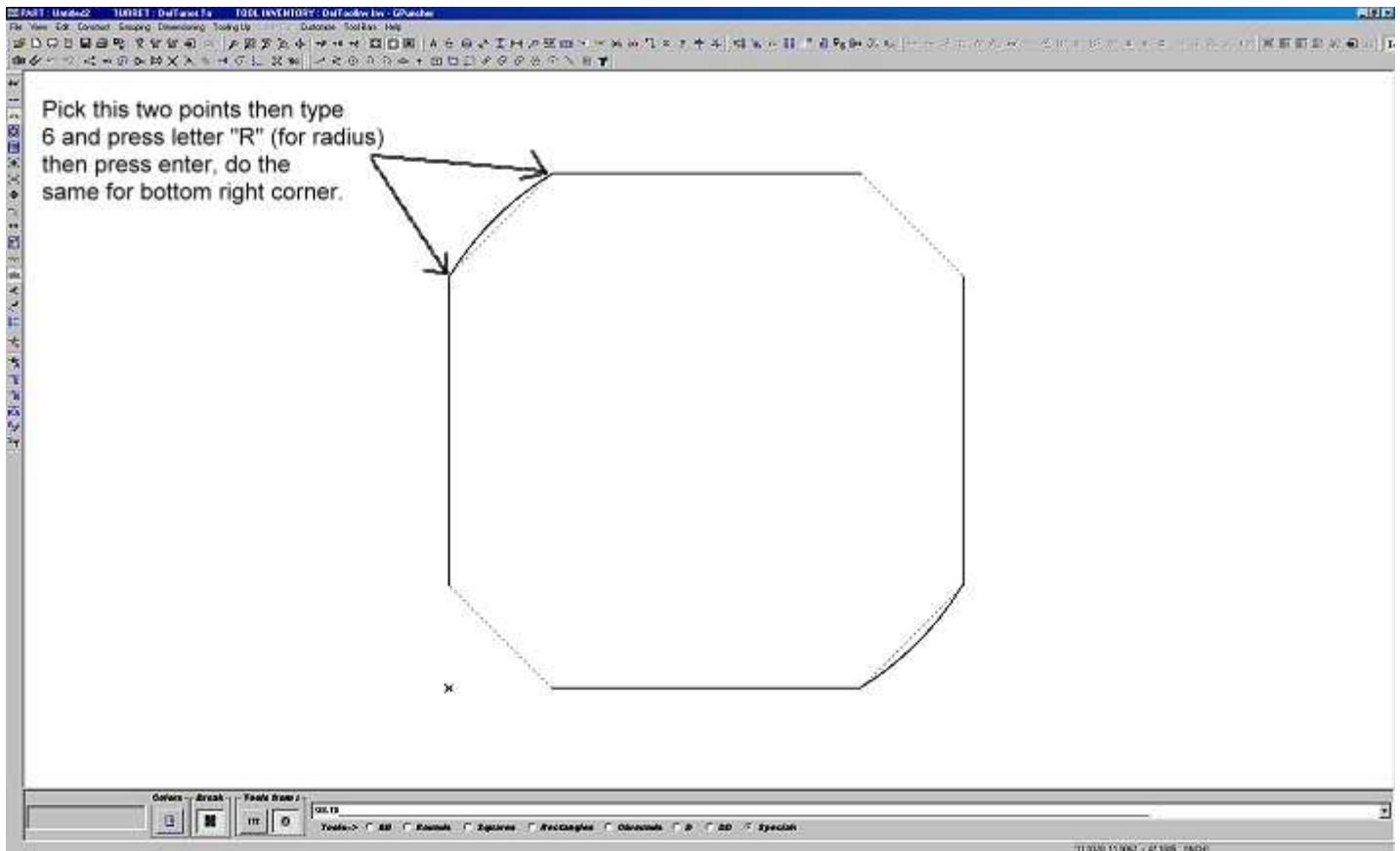
Chamfer 4 corners

Use the chamfer command to cut the four corners 2" X 2" as shown below:



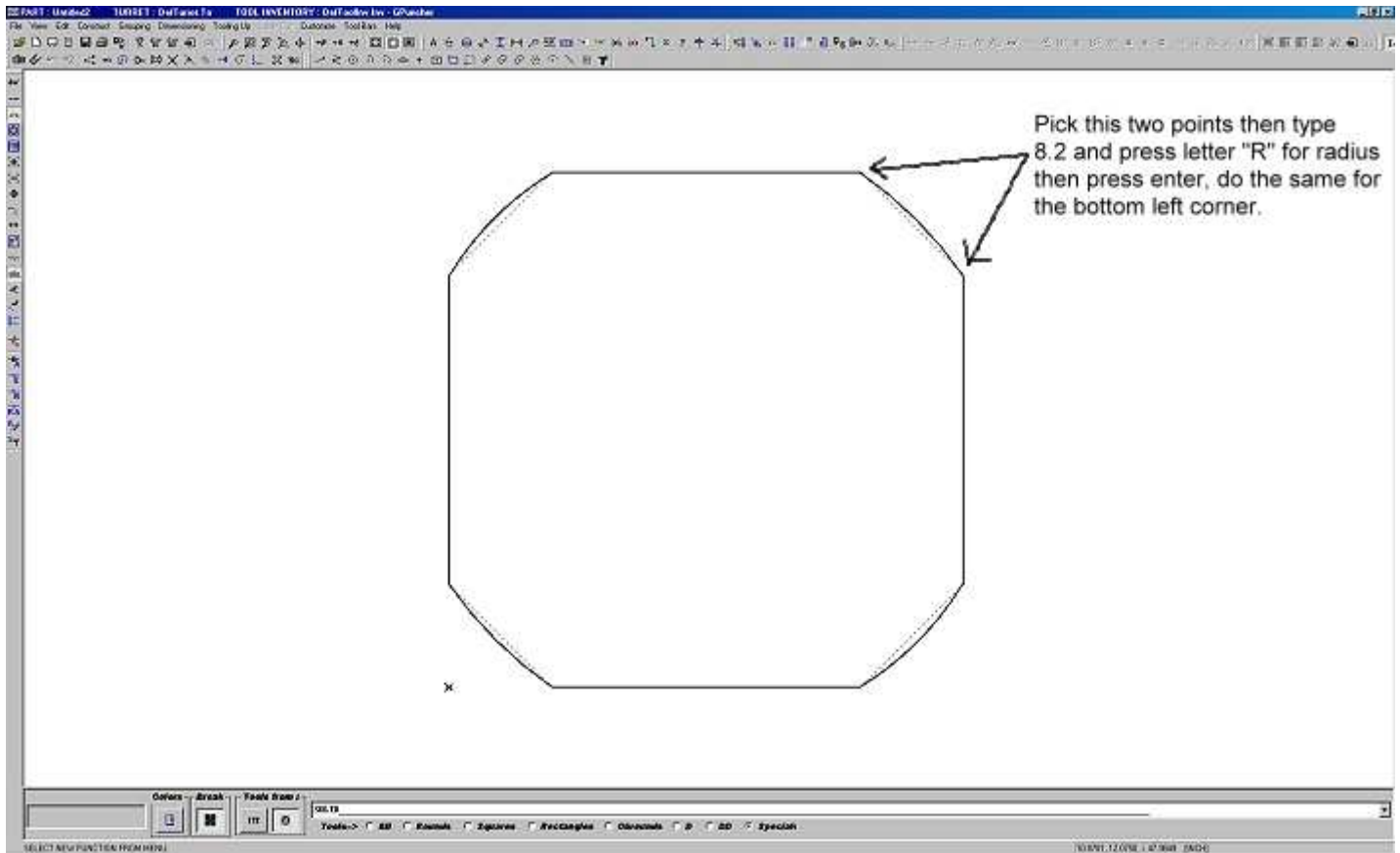
Drawing the 3 points arcs (upper left and bottom right corners)

Go to menu Construct-Arc 3 points and pick on both ends of the chamfer, first do the upper left corner, once the arc appears type 6.0 and press the letter "R" to lock the desired radius for that corner, repeat this for the bottom right corner as well as shown and explained below:



Drawing the 3 points arcs (upper right and bottom left corners)

Go to menu Construct-Arc 3 points and pick on both ends of the chamfer, first do the upper right corner, once the arc appears type 8.2 and press the letter “R” to lock the desired radius for that corner, repeat this for the bottom left corner as well, that’s it! Our 3 points arcs should be done as shown and explained below:



NOTE: Letter “R” locks the radius according to the value typed in the input box, once there just press the enter key in your keyboard.