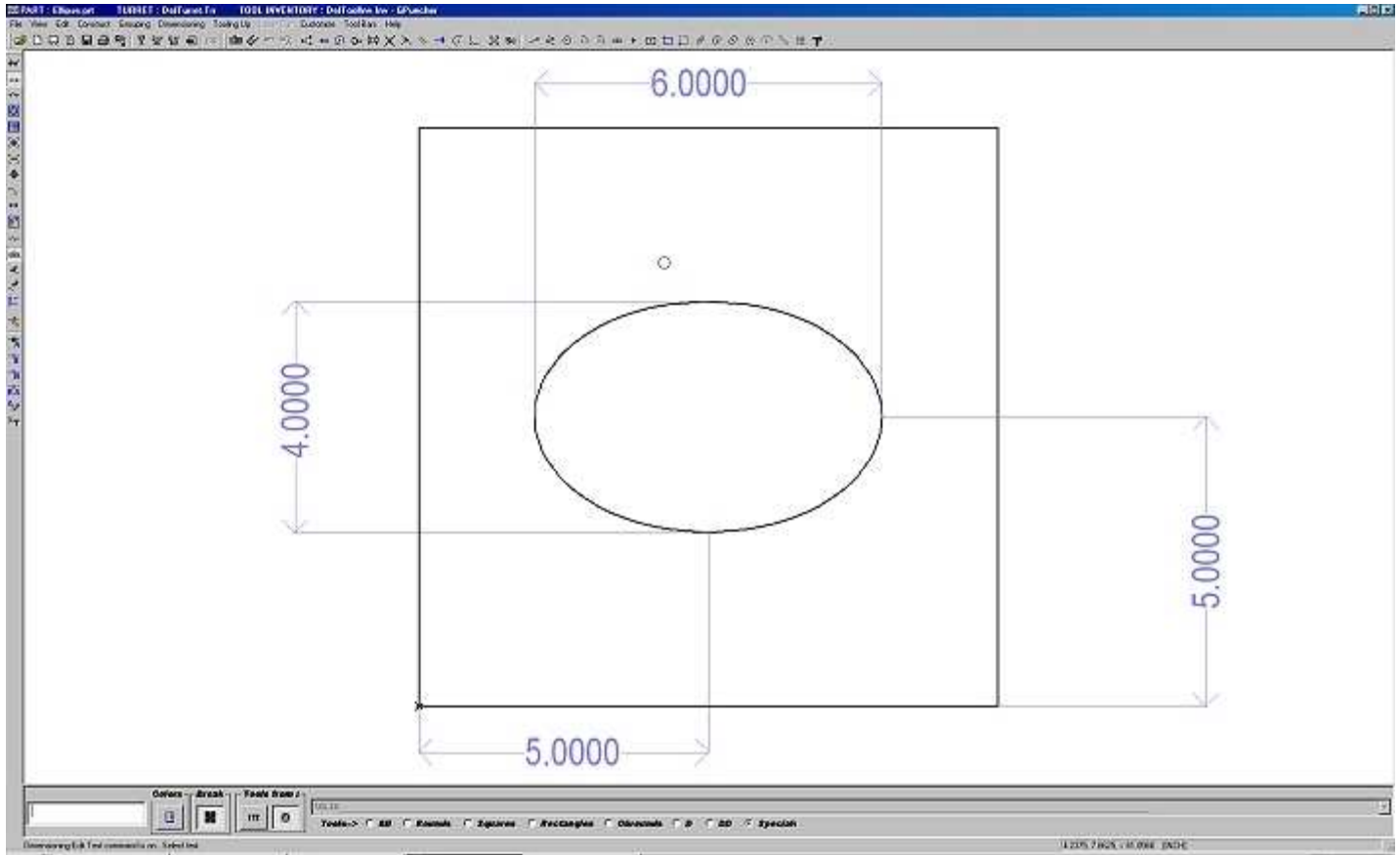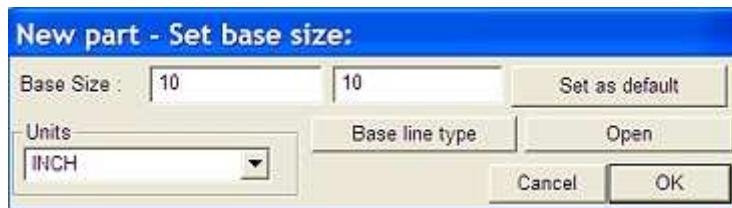# ELLIPSE TUTORIAL

As shown below an ellipse 6.0" long X 4.0" wide at 0 DEG will be our tutorial.
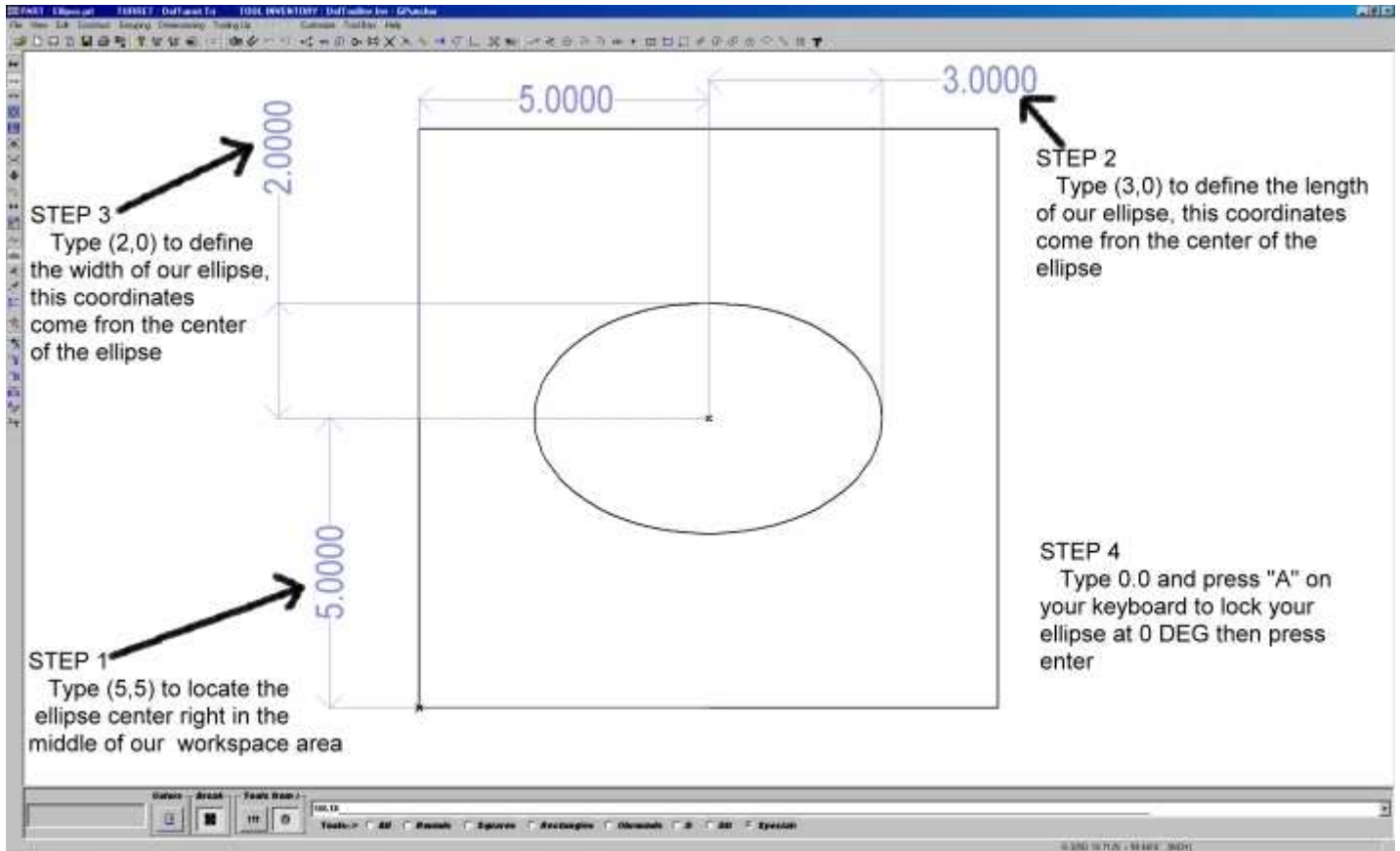

The initial base

Got menu <u>File-New</u> 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:

Drawing the ellipse

Go to menu <u>Construct-Ellipse-Lines</u> and type coordinates 5,5 in your keyboard and press enter so the ellipse center is located right in the middle of you 10X10 starting base, now type (3,0) in your keyboard and press "enter" to define the length of our ellipse then type (0,2) and press enter to define the width of our ellipse, please notice that this coordinates are measured from the center of the ellipse. Next is to enter the angle and for that just type 0.0 in your keyboard and press letter "A" followed by enter in your keyboard, that's it! Our arc should be done as shown and explained below:

NOTE: To locate the center of the arc as in first step you can always type 5 and press "X" and then type 5 again and press "Y" which is a quick way of locating geometry as well.