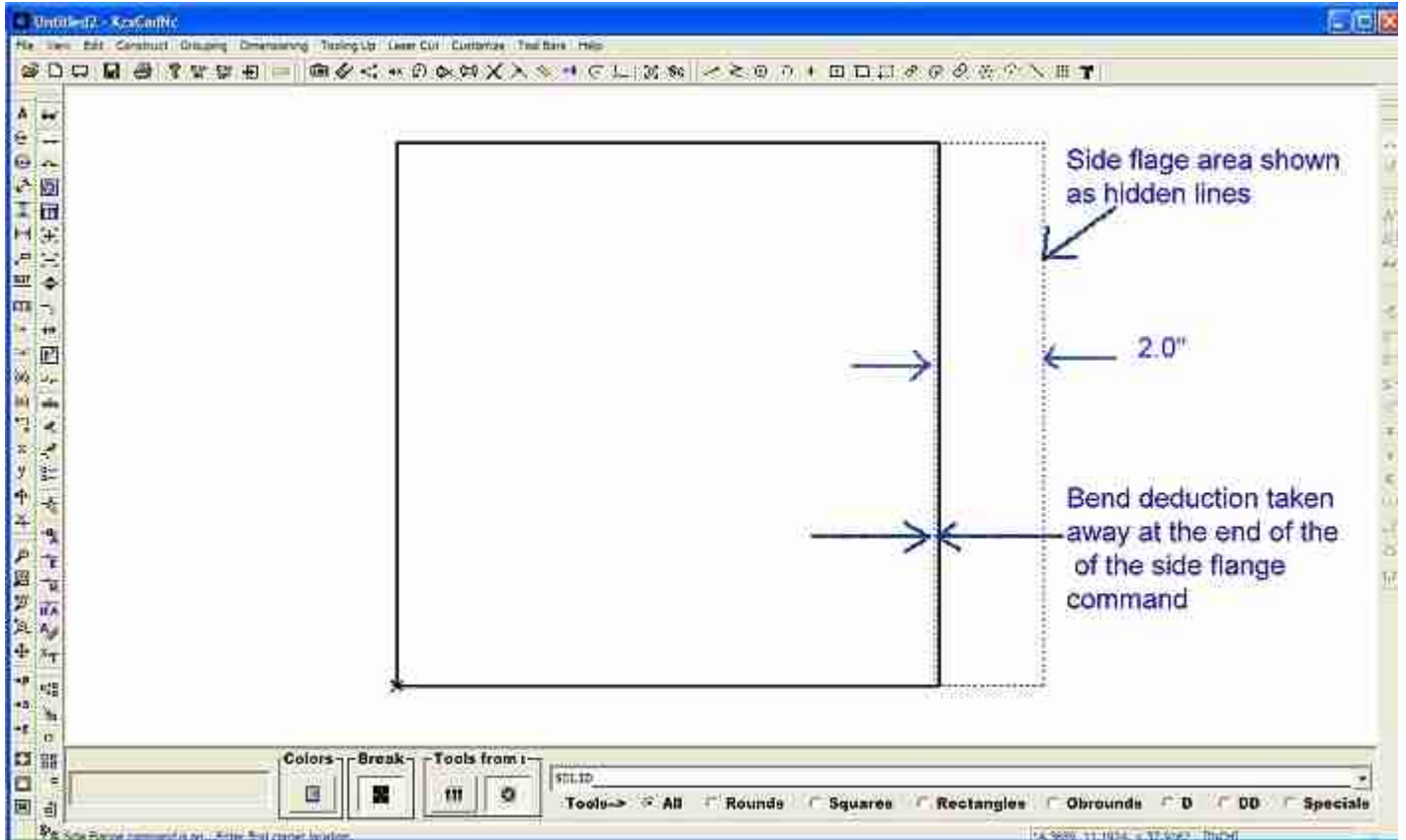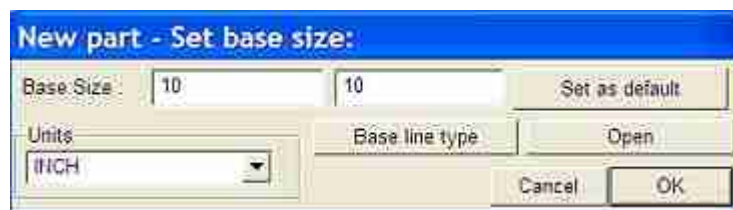# SIDE FLANGE

Our tutorial will be the side flange, a tool used to add a square area to a part but at the same time subtracting the deduction as show below:
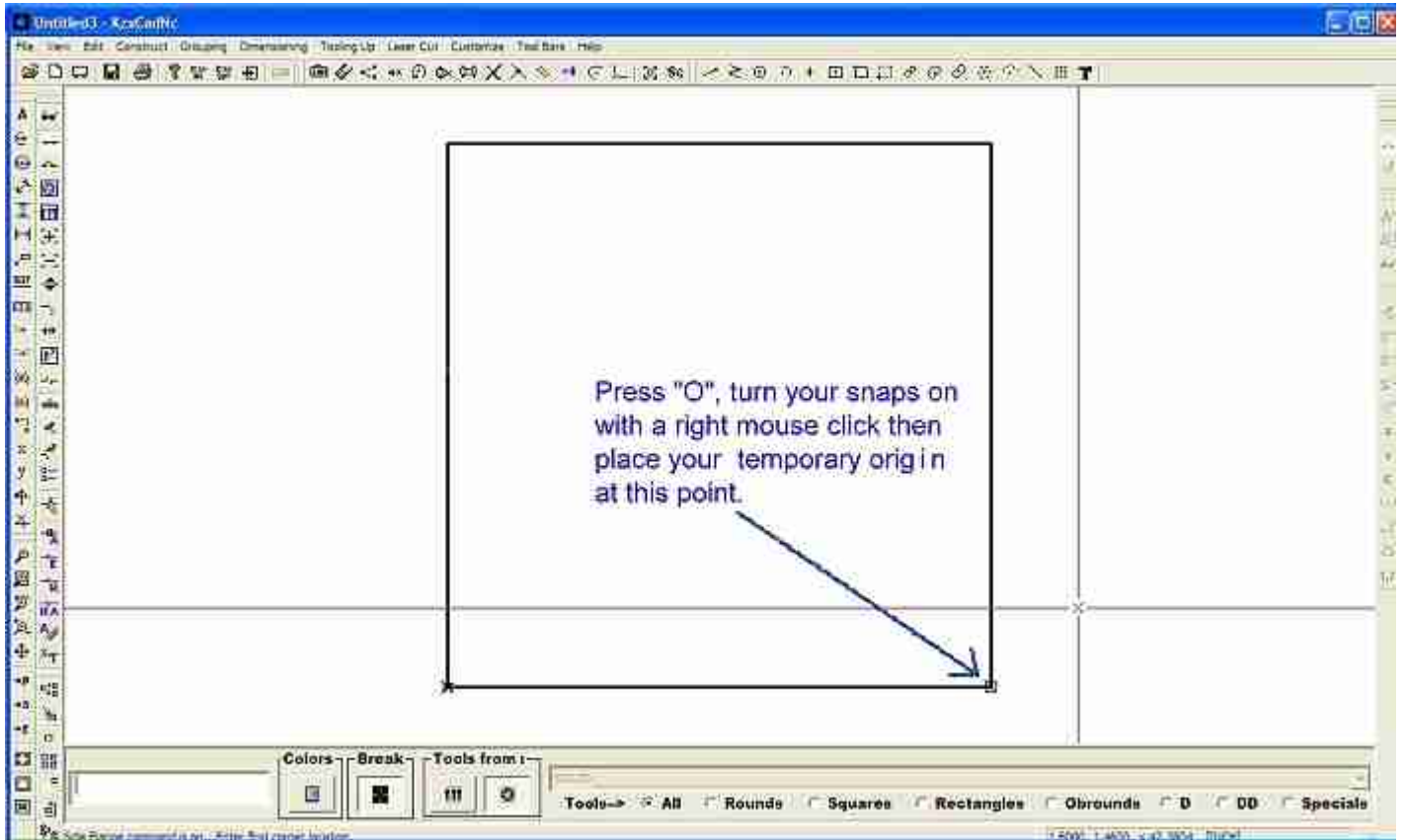

The initial base

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:
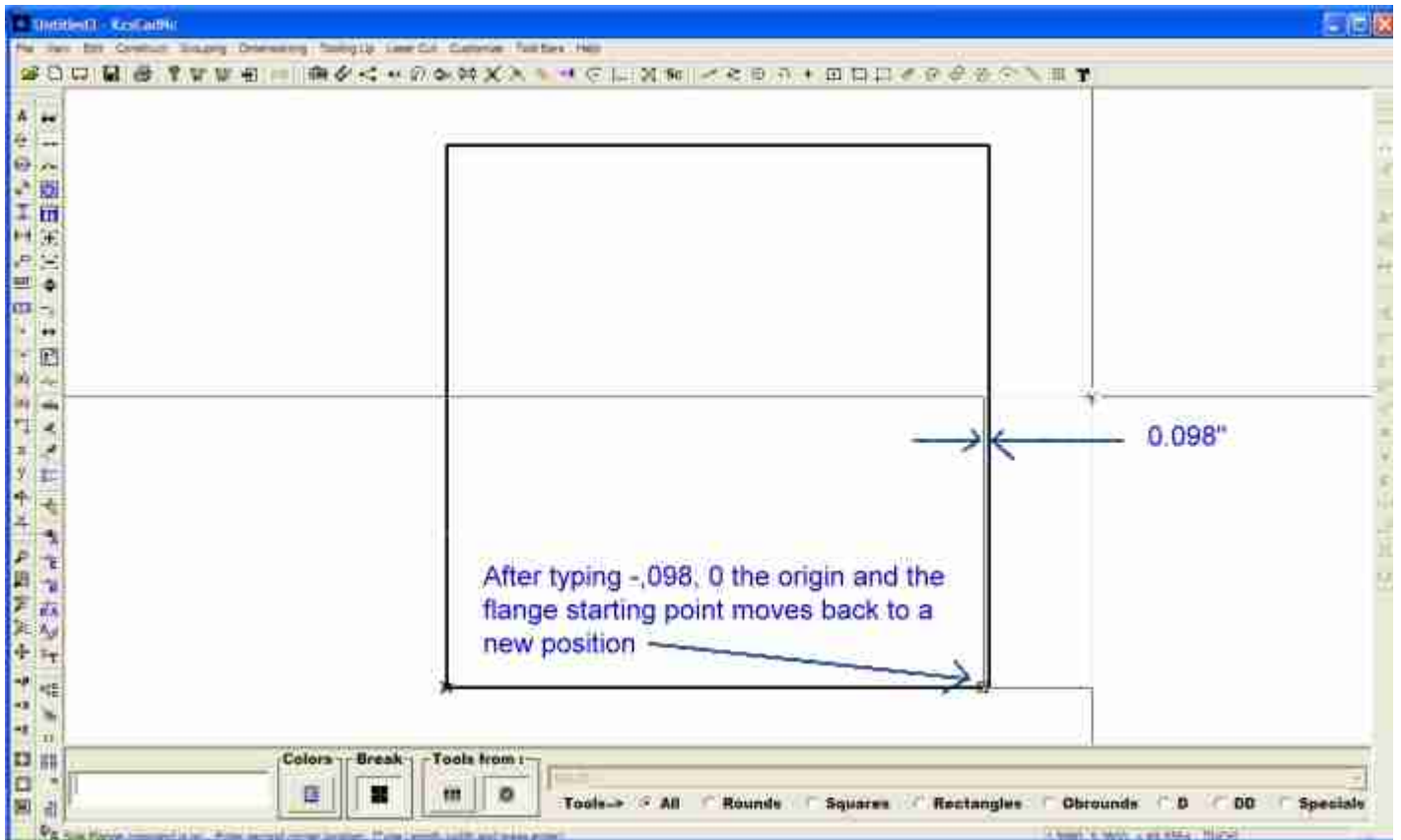
Drawing side flange

Go to menu <u>Construct-Side</u> then enter the workspace area and press "O", turn the snap points on with a single right mouse click then move our temporary origin as shown below:

Enter the side flange starting point

Type the value of you bend deduction, assuming is 0.098 then would be -.098, 0 and press enter as shown below:

The side flange end point

There are many ways to locate the end point of the flange; Type 2, 10 and press enter is the easiest way or you can always lock your Y by turning snap points on, moving the cursor to the top-right corner and press "Y" then type 2 and press "X" as shown below:

Turn snap points on with a right mouse click than press "Y" to lock the cursor at this point in Y direction, at this point the the cursor will only move in X direction, so type 2 and press "X" to finish your flange.