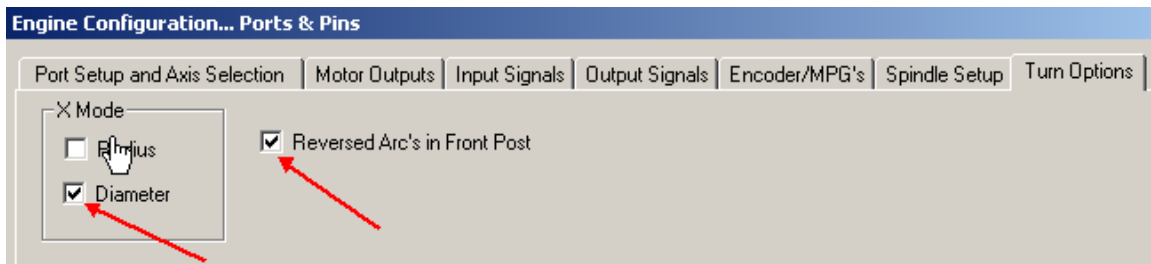
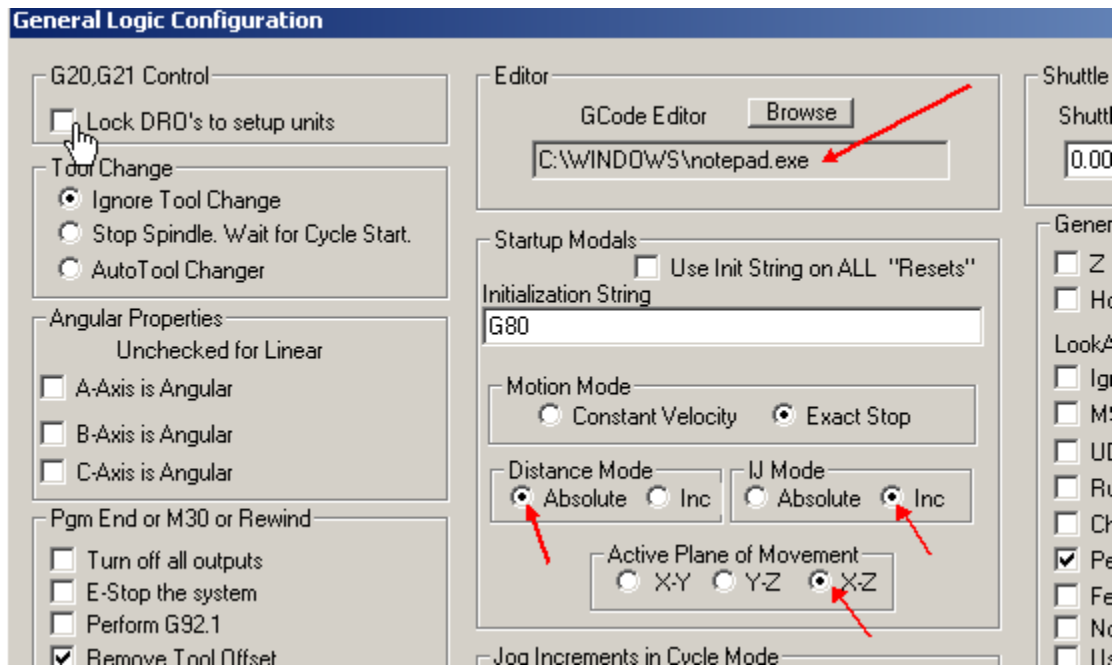
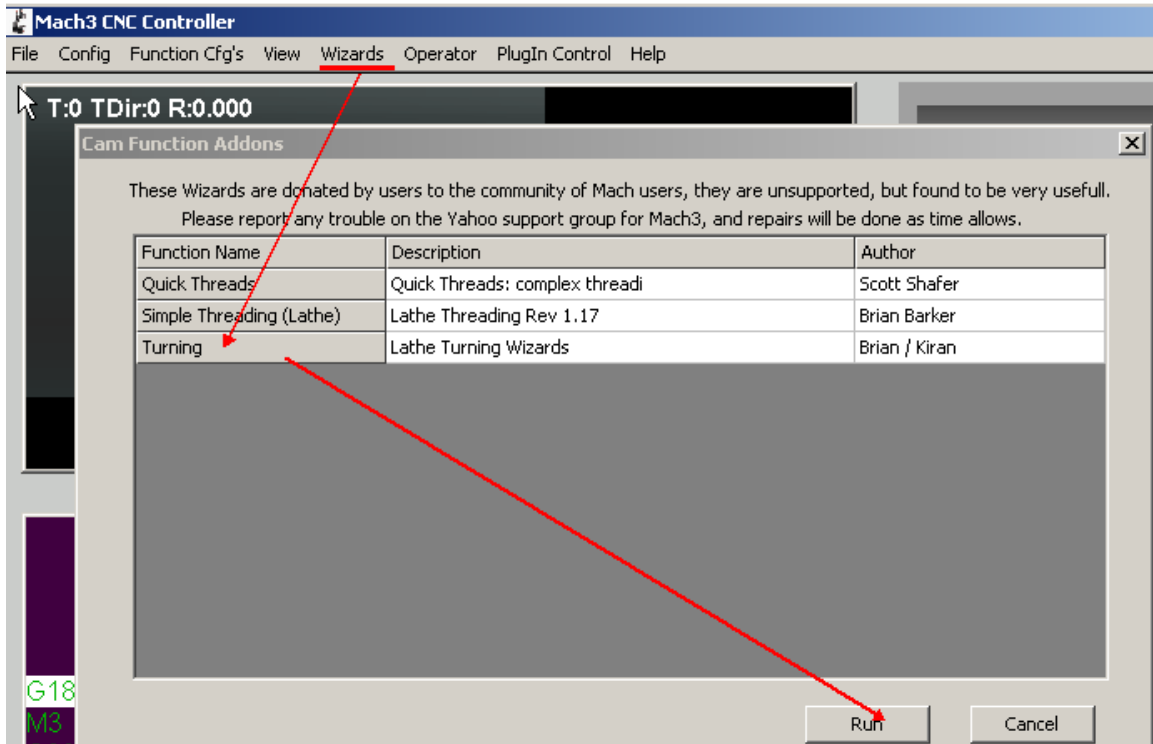


SIMPLE BALL END - USING THE WIZARD

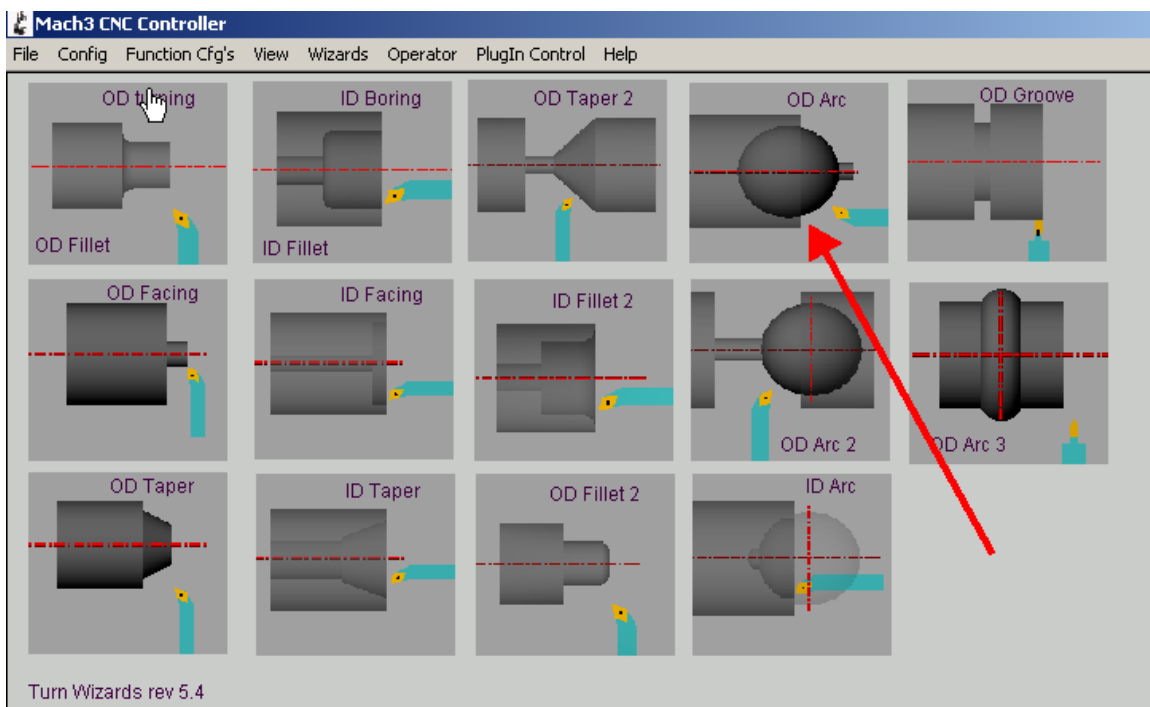
Before you try turning using one of the Wizards you may want look at a few configuration settings as shown below. Note that I use the Diameter mode and have reversed arc's checked.



Now open the wizard and select turning and click RUN.



You have a nice choice to choice from, but for this posting just select the OD Arc Wizard.



T:0 TDir:0 R:0.000

Sphere Dia +0.5000

X End +0.0000

X Start 0.5000

Z End -0.2500

Z Start +0.0000

Z Center Pos -0.2500

Clearance 0.0100

Roughing Feedrate +5.0000

Roughing Cut Depth +0.0050

Finish Feedrate +5.0000

Finish Pass Depth +0.0010

G18 G64 G80 G90 G40 G49

M43

G00 X0.52

G00 Z0.01

F5

Reset

Exit

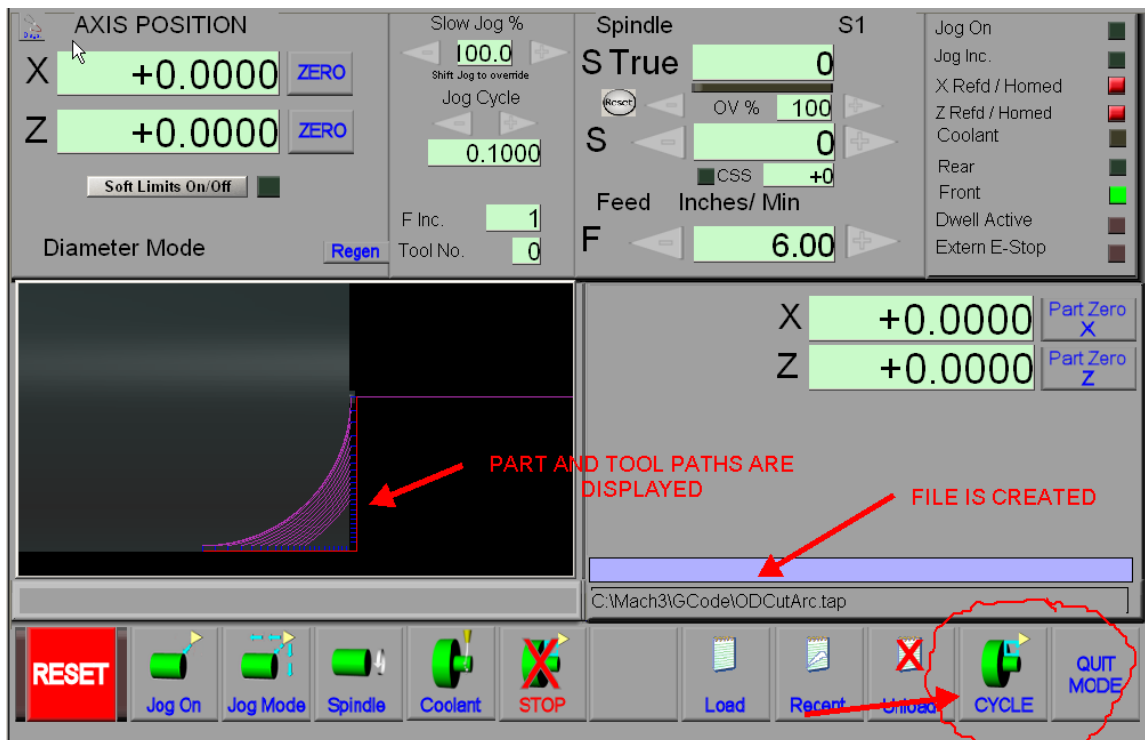
Back to main Screen

Post Code

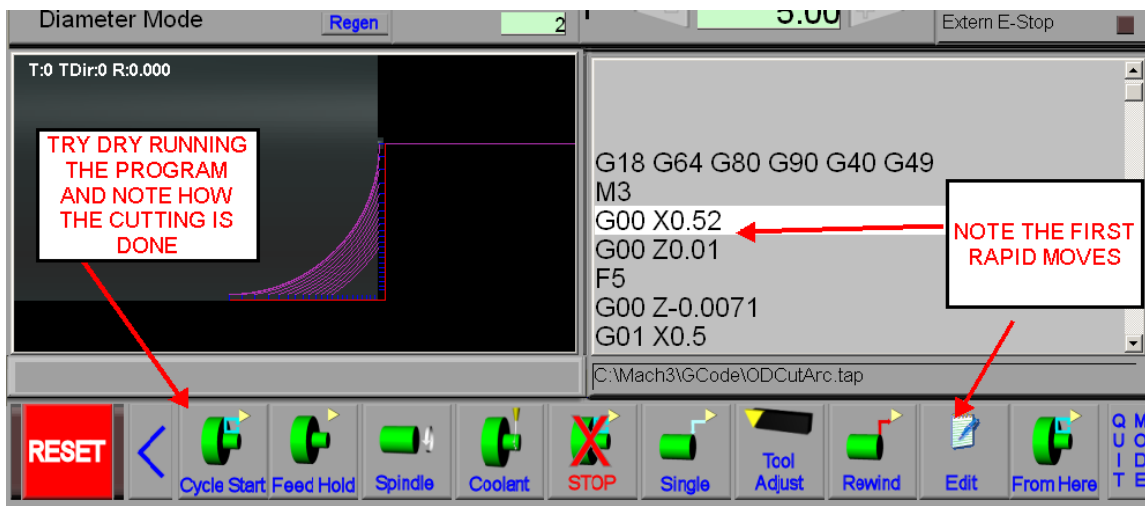
Save Settings

OD Arc Turning

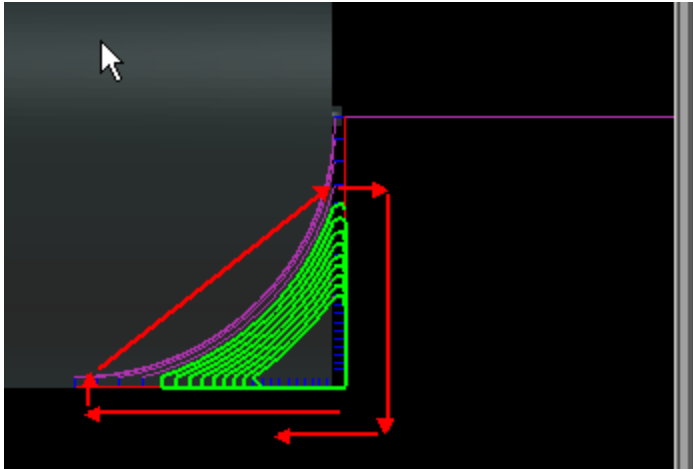
Just click Save Settings (when you return to this wizard the entered values will be saved), Post Code the Gcode will be created along with a display showing the piece and cutting. Click Back to Main Screen or Exit and you will be returned to Mach.



Click CYCLE and your ready to try the code out , edit or save the code via selected defined in configuration.



Note how the cutting is done / tool movement as you want to have the appropriate cutting tool.



Well that was easy and spending some time reviewing generated code will pay off later on. In fact you can create all kinds of Gcode files from the Wizards by adding one file to another such that a complex piece can be made.

HAVE FUN, RICH