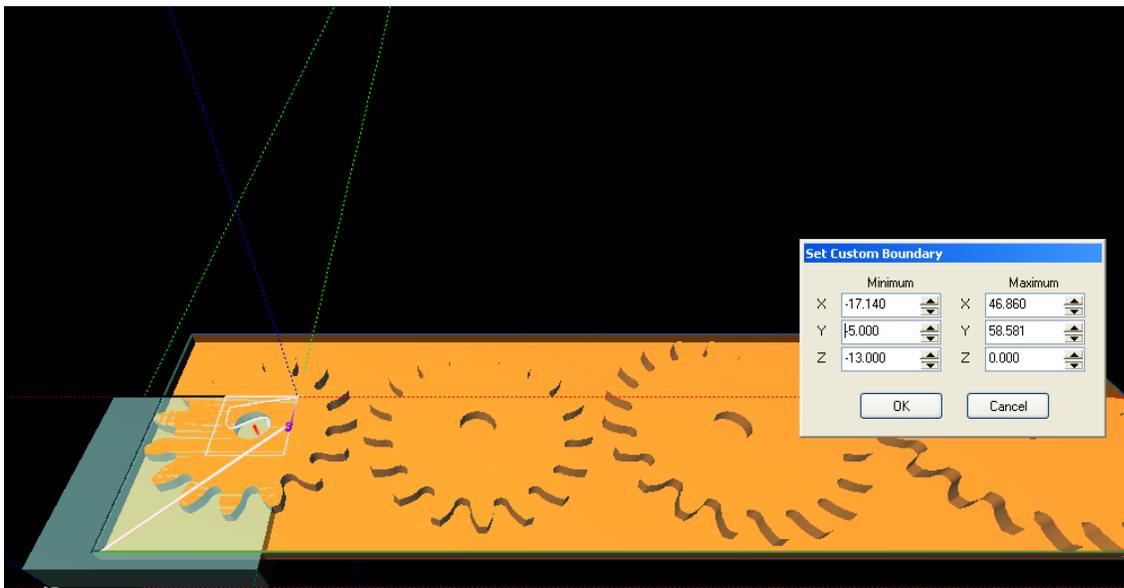


QuickCAM PRO – Use Custom Boundary to force the machining order of certain parts...

After choosing the machining plan, select **Custom** boundary:

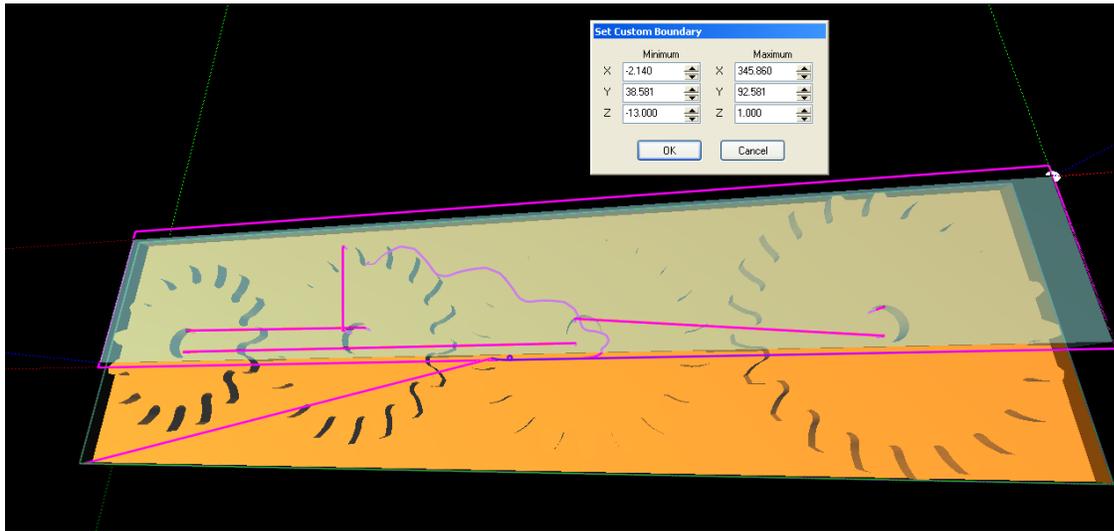
Tool Data		Machining Boundary	
Tool:	T:2 - D:1.500mm - Slot Drill 1.5 mm	Minimum	Maximum
Step Over:	0.225 mm	X	22.000 / 46.860
Step Down:	30.000	Y	33.000 / 58.581
Feedrate:	3500.000	Z	-17.000 / 0.000
Spindle Speed:	3000	Set Boundary to	
General Machining		Billet Model Custom...	
Safe Height:	5.000	Milling Style	
Raster Angle:	270	<input type="radio"/> Climb Milling	
Finishing Amount:	0.000	<input type="radio"/> Conventional	
Ramp In Radius:	5.000	<input checked="" type="radio"/> Bi-Directional	
Parallel pencil count:	5		

Adjust the **Set Custom Boundary** values so the transparent box encloses the area you want to machine:

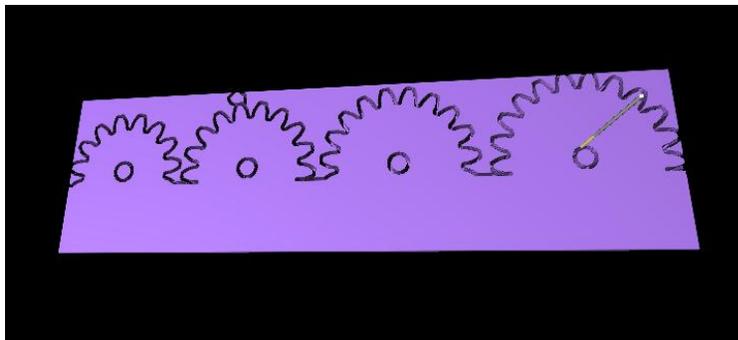


Normally you would cut the above part out in one plan, however, if you are cutting all the way through a material, then you want to be sure that the inner parts are machined first, otherwise the part may drop out before it has a chance to machine them.

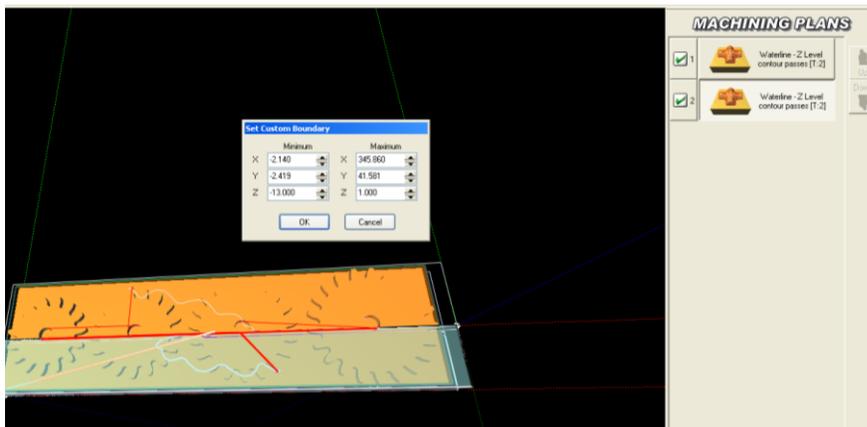
Press ok, and the only area to be machined, will be within those limits:



1st Stage:



Then add another machining plan with another custom boundary:



And this 2nd plan will be machined last, hence allowing the holes to be cut before the outer gears.

