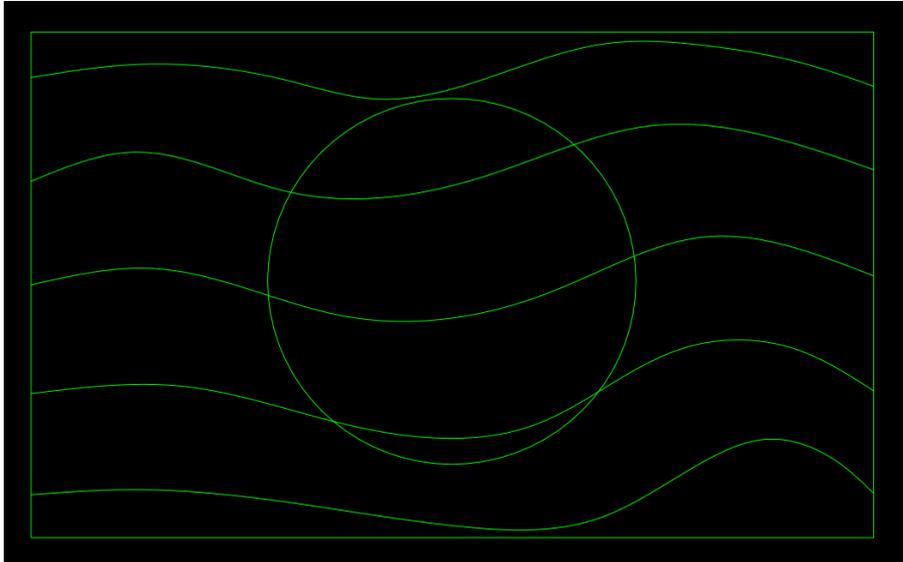
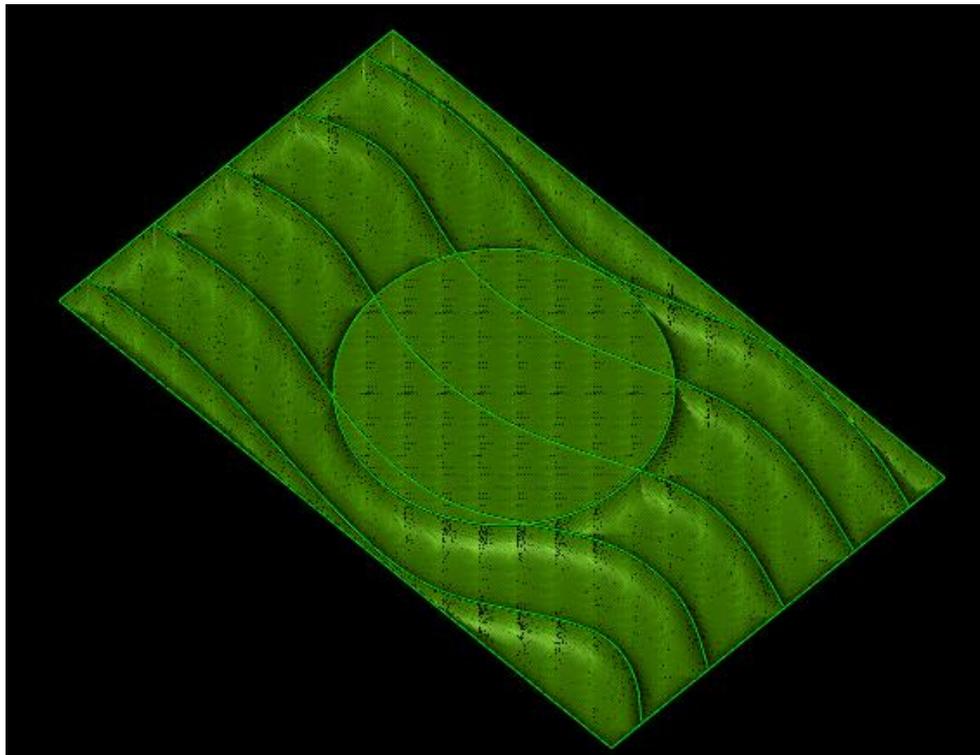


## Profile Carve Examples

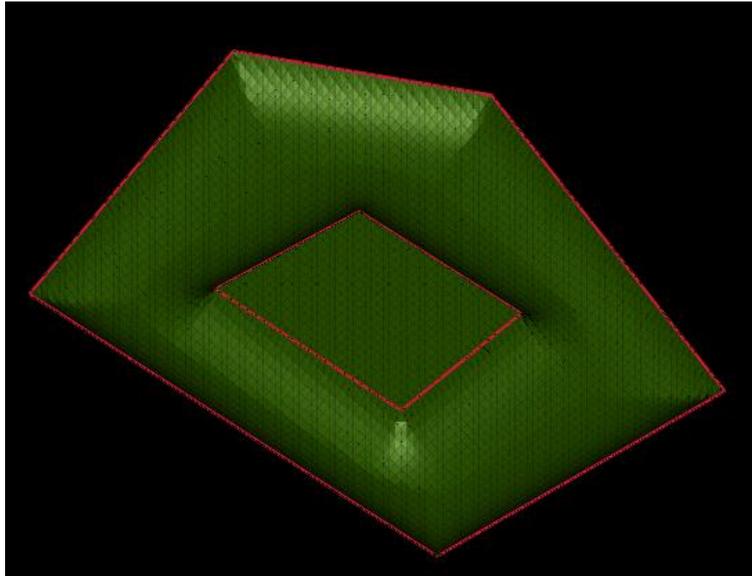
Here is an example of a set of splines inside a rectangular shape and with a circular insert:



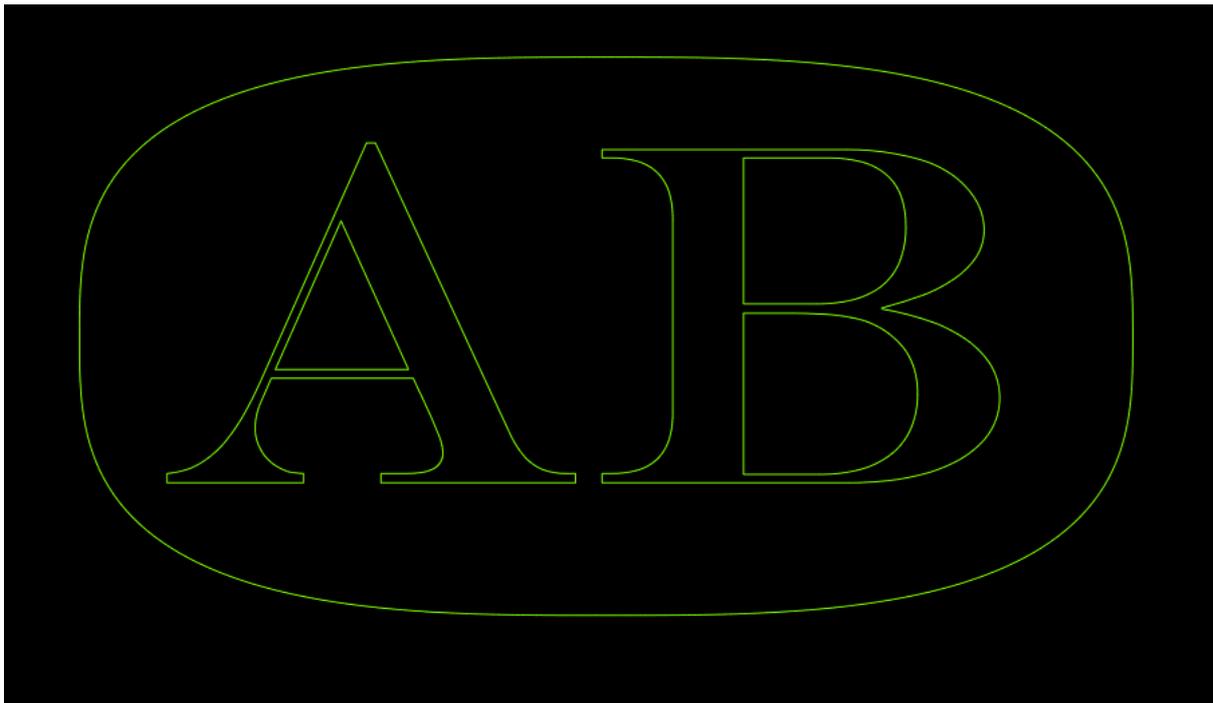
Note that the Circle is tagged "F" for flat, surface type is exponential. Here is the result:



Here is an example with two closed polylines. The outer one is tagged "B" for border, the inner one is tagged "F" for flat, surface profile is exponential:



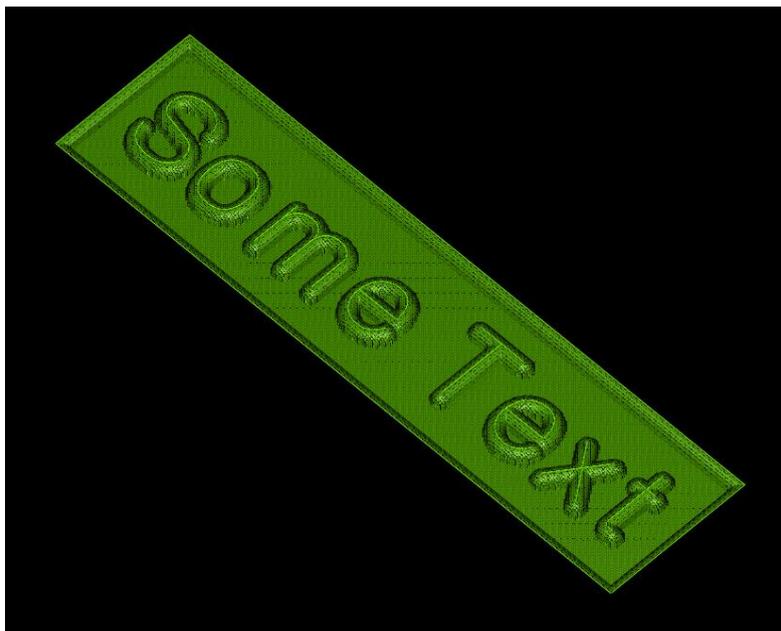
Here is an example using Text. The text is a single Text item with two letters.



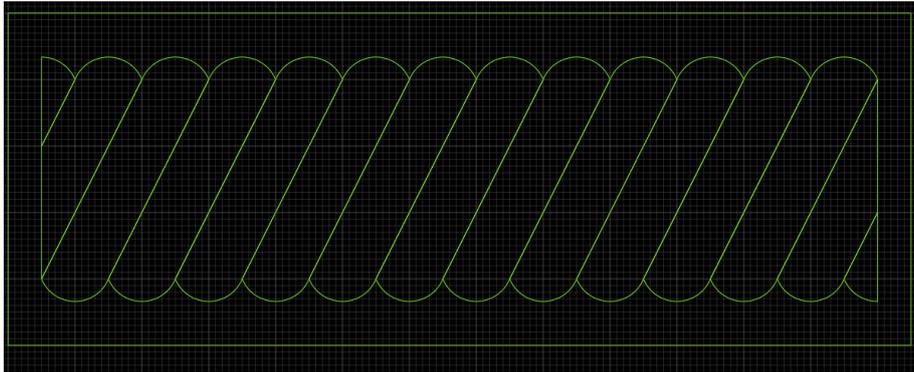
The enclosing squircle is tagged "BF" for border-flat and the profile surface is Linear.



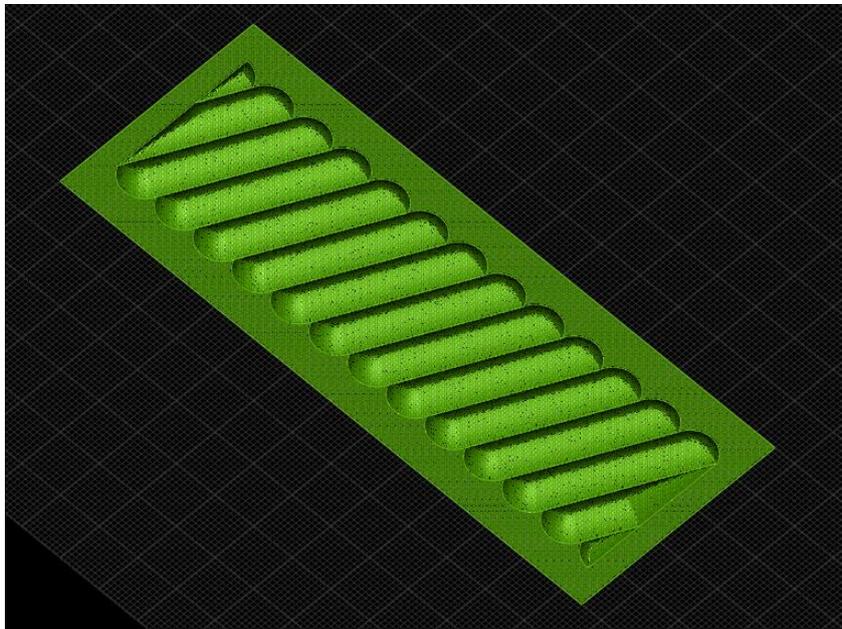
Here is another text example, this time using a CamBam stick-font inside a rectangular shape and using a Circular profile:



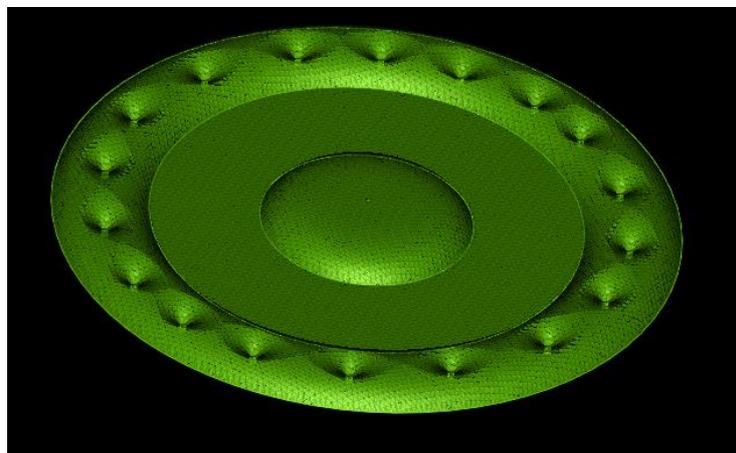
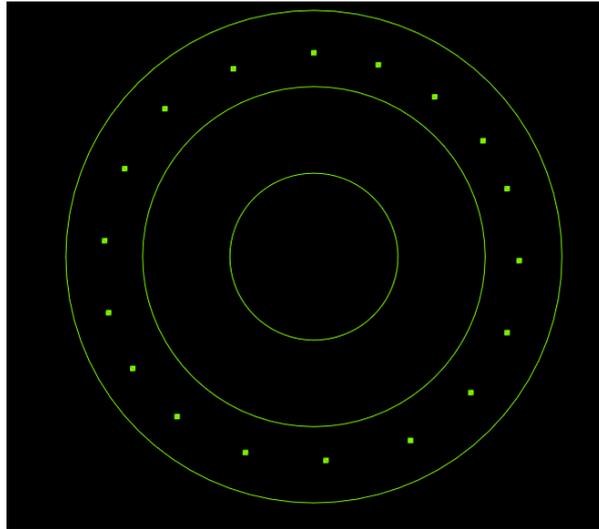
Now an embossing example:



In this case the enclosing rectangle is tagged "BF" and the Z-min/max is a positive value and using an exponential profile.



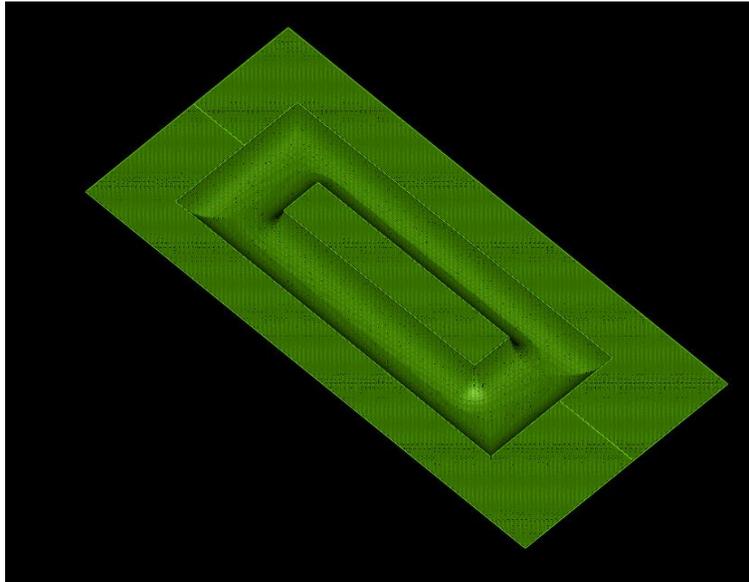
Now three concentric circles and a set of points; with the middle circle being tagged "F" and the outer circle tagged "B", and Z-min/max a positive value, profile is exponential. There is a set of points around the shape.



Here is an example where a flat surface needs to be subdivided to achieve the required result:



Note that the outer flat surface is defined by two shapes without any holes, and the inner shape is also flat; to give the following result:



Here is some example carvings: a Voronoi pattern with thick borders used as a basis, then carved out the shapes using an Exponential profile and horizontal carving MOP.



And, a large letter (about 120 mm tall), engraved to about 10 mm deep using a Linear profile, and using water-line MOP.

