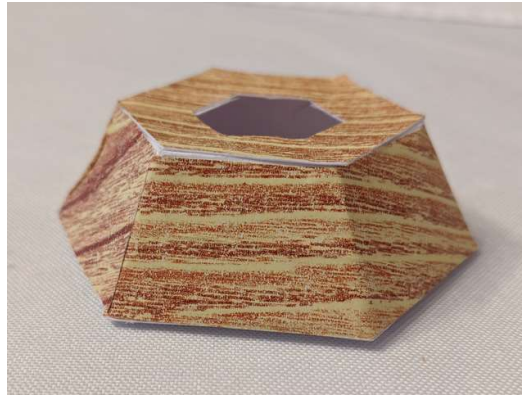Collar.pyw   Help File

What it does

Collar creates an output svg file that contains a single object, with tabs and scores that has a polygons of specified sizes at the top and bottom. It also contains two polygons that match the size of the top and bottom, and an object that can be used to cut a decorative cover or overlay over the

piece once glued.

 The main piece creates a "collar" shape when glued together.   If both polygons are of equal size then the shape will be a column.

Input:
       The output file name
       How many sides on the polygon shape
       The size of the smaller polygon (this is the "top" of the collar)
       The size of the larger (or equally sized) polygon (this is the base of the collar)
       The tab size
       The score cut size (0 will provide a solid line score)
       The height of the finished/constructed/glued piece

Output:
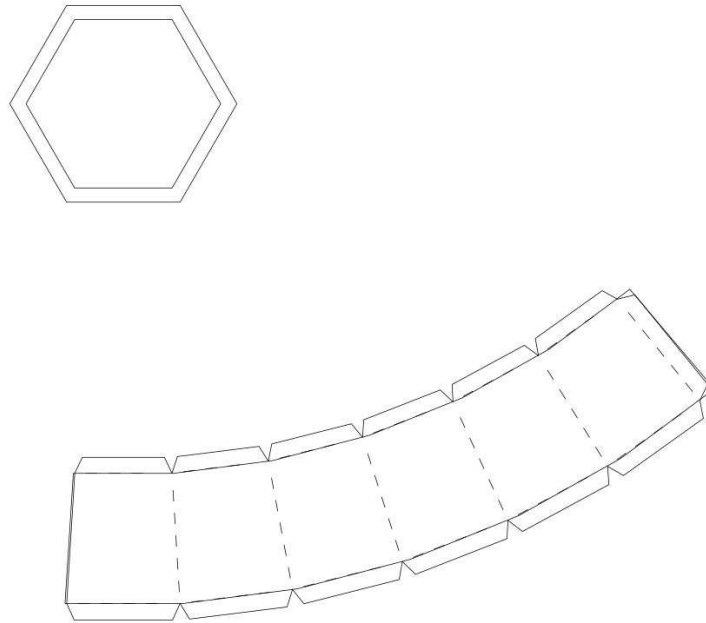A report of the total size and width of the finished design
        (Make note of this, since the scaling in Inkscape or Design space may not match, and you will
need to adjust the size)

An svg file that contains:
An object, with tabs and scores that has a polygons of specified sizes at the top and bottom.
Two polygons that match the size of the top and bottom
An object that can be used to cut a decorative cover or overlay over the piece once glued.

Construction
  Construction is easy. Just glue the tab on one side to the opposite side. Use the polygon pieces at
the top and bottom to keep the shape. Cut out the decorative piece on decorative paper and apply.
Be sure to duplicate the polygons if you want them part of both the decorative and structural pieces.

Suggestion: As shown above in the photo, you may want to duplicate one or both of the polygons,
then scale the copies down by a about twice the tab width. Center these and subtract the smaller
from the larger, forming a doughnut shape. This makes it much easier to apply the shaping piece. If
you need it solid, just duplicate the original polygon an extra time.

 Scaling and Attributes
The scale of the svg may not match your editing software. Make note of the dimensions that are
reported to you so you can re-scal as needed. It will be up to you to fill with the colors of your
choice. Please note that the objects are all there, but may be located stacked in the layout. Move
them as needed.