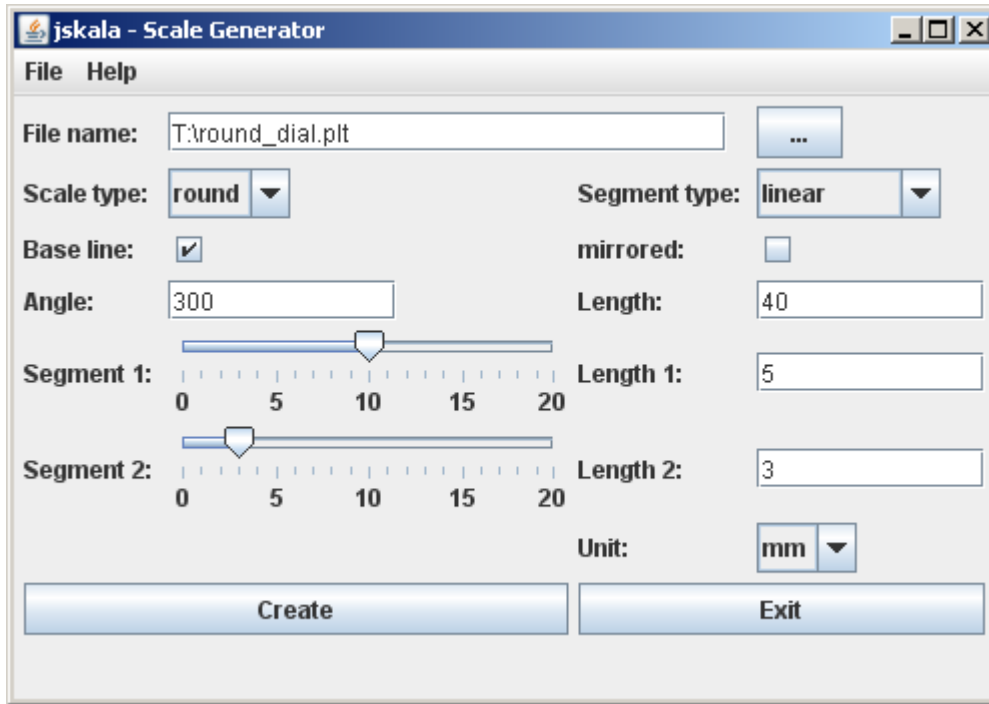


What is Scale Generator?

Scale Generator is a script that enables you to design both round and linear dials. Instead of designing engraved dials from scratch in Front Panel Designer, they can be created as a hppl file with Scale Generator.



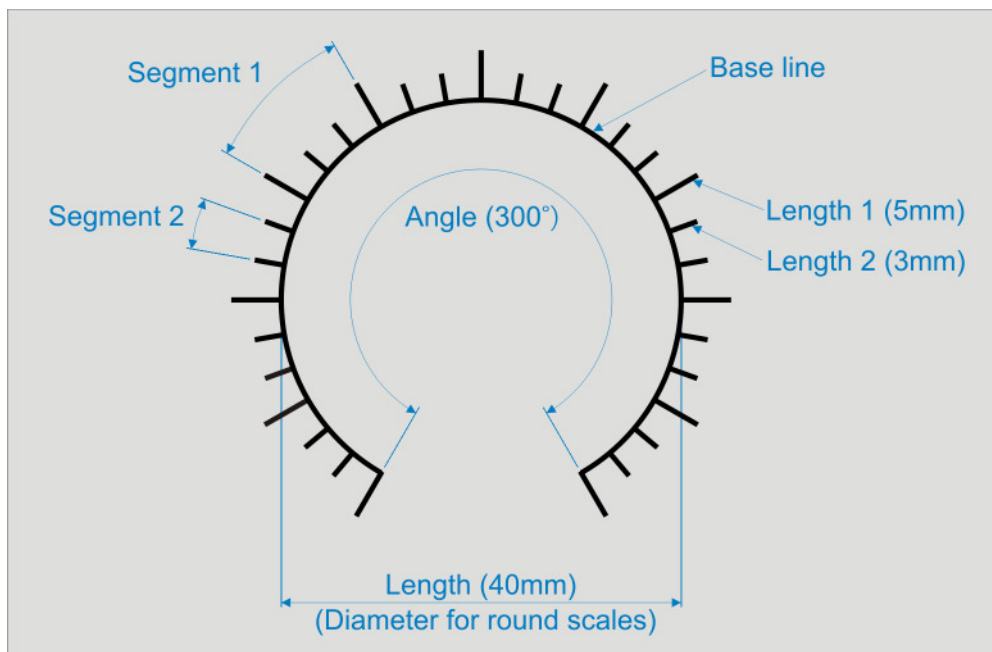
How does it work?

This guide shows a screen shot of Scale Generator and the result in Front Panel Designer.

When saving a new project, the file extension .plt needs to be added to the file name.

The example shows a round scale with a 300 degree angle and a 'base line'.

The segments are linearly arranged, logarithmic would be also possible.



The dial diameter is set to 40mm and has 10 main segments (Segment 1) evenly distributed. Within Segment 1 are three further sub segments (Segment 2).

Length 1 and 2 determine the length of the engraving lines for Segment 1 and 2.

The thickness of the engraving lines can be selected by tool choice in the HPGL properties in Front Panel Designer.