



TPU Lid for Steel Food Cans, Soda, Pet Food, etc. - Customizable



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Summary

Printable lids for steel food cans are designed to be printed with TPU to be flexible enough to snap on tightly.

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These printable lids for steel food cans are designed to be printed with TPU to be flexible enough to snap on tightly to keep food fresher in opened steel cans.

Update version 2: Added options for text on the lid and and pull tab with a circular profile

Update version 3: fixed the overhang below the bead for better printability.

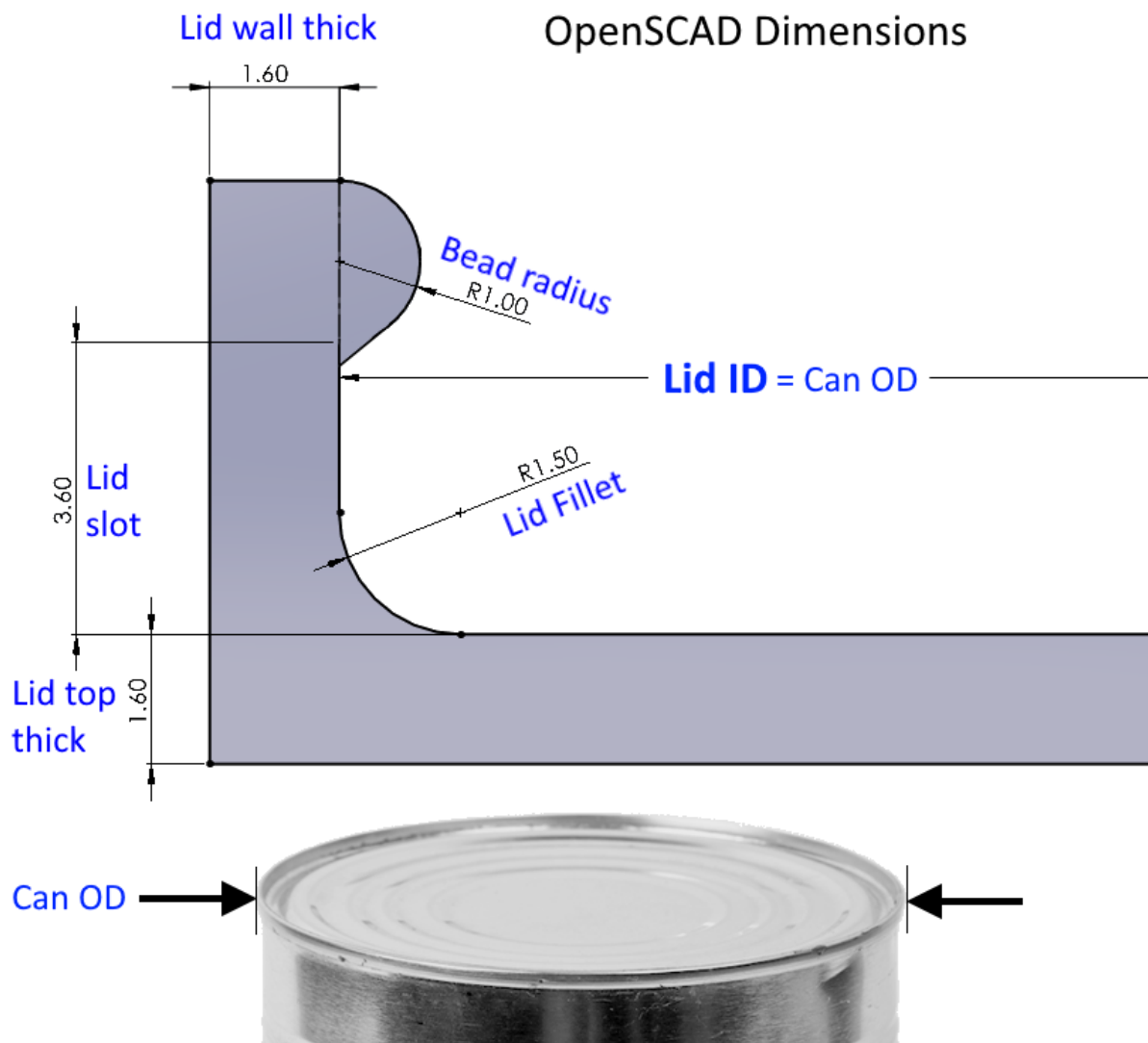
Customization

There are so many different sizes of cans, that you will need to measure your cans and use the customizer or SCAD to scale to the correct size.

Measure the outer diameter (Can OD) of the top bead of the can lid, and set the **Lid ID** parameter to this measurement.

I only recommend updating the lid diameter and pull tab, but you can also customize many other parameters. Reference the image below to understand how to tweak dimensions.

I attached STL files for the lids in the picture since they are probably a common size.



Print Settings

Material: TPU **Recommended slicing:**

- Walls line count: 3
- Infill: 100%

My TPU print settings:

Used Overture TPU

- Flow: 130%
- Print speed: 20 mm/s
- Retraction OFF
- Extruder temp: 230°C
- Bed temp: 50°C

Model files

canlid3.scad

canlid3-754mm-id.stl



canlid3-677mm-id.stl



canlid3-soda-544mm.stl



canlid3-catfood-3oz-66mm.stl



[Find source .stl files on Thingiverse.com](#)

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