



Drink ring-pull opener and cover



Rosti

[VIEW IN BROWSER](#)

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Summary

A drink ring pull opener for those with reduced forearm/grasp strength combined with a can spike / wasp / insect cover



0.95 hrs



4 pcs



0.20 mm
0.15 mm
0.10 mm



0.40 mm



PET



10 g



Prusa MK4

[Household](#) > [Kitchen](#)

Tags: [can](#) [drink](#) [ringpull](#) [canopener](#) [cancover](#) [drinkscan](#)
[drinkcover](#) [ringpullcan](#)

This is an extension to my original drinks can ring-pull opener, which is designed for people who have weak forearm and grasp strength (such as MS suffers – and one in particular), although of benefit to anyone who lives with such a restriction, irrespective of cause. Simply place the opener through the ring pull and rotate on its outer circumference to open the can. The opener creates a longer turning moment and so requires less force with less grip.

On one end (and point down to avoid any eye contact) is the original can-opener. On the other is a rotating can lid that uses the cans ringpull as a pivot. (see pics). I have combined my ring pull opener (a smaller version of my food can ring pull) with a can cover. The idea of the cover is taken from Osund's original 'can opener with lid' (published on Thingiverse - see below). The construction varies to ensure there is sufficient strength for it to act as the ring-pull handle.

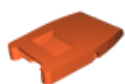
If you want it to look pretty print at 0.1. If you want it rustic but strong print at 0.2.. I printed in PETG for UV and water resistance. Gcode and STL supplied. If working from STL. The opener prints 'hook up' and requires some enforced support for the ring-pull insert bed & the tip of the opener (included in the gcode)

Original drinks ring-pull opener [Drink Can Ring Pull Opener by Rosti | Download free STL model | Printables.com](#)

Original food ring pull can opener [Can Opener for ring pull by Rosti | Download free STL model | Printables.com](#)

I took inspiration to add functionality to my opener from the original can opener with lid published on Thingiverse by Osund. A great design that you can find here <https://www.thingiverse.com/thing:5386671>

Model files



beerringpull_and_waspcoverv1.stl

Print files



beerringpull_and_waspcoverv1_04n_02mm_petg_mk4_57m.bgcode

PET 0.40 mm 0.20 mm 0.95 hrs 10 g Prusa MK4



beerringpull_and_waspcoverv1_04n_015mm_petg_mk4_1h1... .bgcode

PET 0.40 mm 0.15 mm 1.16 hrs 10 g Prusa MK4



beerringpull_and_waspcoverv1_04n_01mm_petg_mk4_1h44m .bgcode

PET 0.40 mm 0.10 mm 1.74 hrs 9 g Prusa MK4



beerringpull_and_waspcoverv1_petg_mk3.gcode

PET 0.40 mm 0.15 mm 1.32 hrs 10 g Prusa MK3/S/S+

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