

Printlab Beverage Can Opener

SUMMARY

Title

Beverage Can Opener.

Subtitle

A tool to open beverage cans with a simple hook and lever motion.

Device Specifications

Build Time:

- ☒ < 1hr
- ☐ 1-4 hr
- ☐ 5-10hr
- ☐ >10hr

Cost:

- ☒ \$0 - \$10
- ☐ \$11 - \$25
- ☐ \$26 - \$50
- ☐ \$51 - \$100
- ☐ \$101 - \$250
- ☐ \$250+

Stage: Recently Added

Skills: 3D Printing

Need: Agility / Dexterity

Disability: Mobility/Physical

Difficulty: Beginner

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Usages: Aids for Daily Living (ADL), Mobility

Designer: Jason Yeung



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Files available at <https://makersmakingchange.com/project/beverage-can-opener-from-printlab/>

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Device Details

Overview

The Beverage Can Opener provides a way for those with arthritis, low finger dexterity, low vision, or other related disabilities to open beverage cans with a pull-tab with little strength or accuracy required.

This design is featured in the [Assistive Device Academy from Printlab](#).

Compatibility

This device is compatible with aluminum beverage cans with pull-tabs.



Some aluminum cans contain a pull-tab with some graphic or logo in the top hole of the tab, as seen in the left of the photo above. Only cans with a tab like the one shown on the right, with a hole in the top of the tab, can be used with this device.

Similar Devices

- Another device for opening beverage cans, compatible with pull-tabs without a hole in the top (left in photo), is available at <https://makersmakingchange.com/project/beverage-can-opener/>.
- A device intended for tin food cans with pull-tabs, such as pet food, canned tuna or canned beans, is available at <https://makersmakingchange.com/project/pull-tab-tin-can-opener/>.

Cost

Less than \$1 CAD.

Build Instructions

This device consists of a single 3D Printed Part. More comprehensive instructions on 3D Printing this device can be found in the Beverage Can Opener 3D Printing Guide.

Design

Full instructions for designing this device using CAD, along with other similar assistive devices, can be found in the [Assistive Device Academy from Printlab](#).

Skills Required

3D Printing.



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Time Required

3D printing time: 38 minutes.

Tools

3D Printer

Attribution

Original design by Jason Yeung.

Minor modifications to design and documentation by Neil Squire / Makers Making Change under the CC-BY-SA 4.0 License.

More information about Printlab can be found on their website: <https://weareprintlab.com/> under the CC-BY-SA 4.0 License.



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