

# 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/>

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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.

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