



Bottle cap lever / opener - USA



Tarrant1701

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Summary

This is a simple bottle cap lever for opening bottles. Designed for caps found in USA (30mm and 27mm diameter).

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This bottle cap opener has two print options:

1. A single, unified body that has a 27mm socket on one side, and a 30mm socket on the other. Will need to print with supports.
2. The part is split in half for easier printing without supports. One half has the 27mm socket, the other half has the 30mm socket. Will need to print the included 4mm² peg to help glue the two halves together. (Hole size 4mm² but actual peg size 3.8mm² for tolerance purposes, but can be X-Y scaled up/down for your specific printer tolerances).

The 27mm socket fits the smaller “eco cap” found on some bottles, while the 30mm socket should fit the full-sized caps found on most water and soda bottles. Comes with a hole in the handle for hanging up or putting on a keyring.

Model files



bottle-cap-lever-v3-unibody.stl

☐ Double-sided, unified single part with 30mm socket on one side, 27mm on the other



bottle-cap-lever-v3-dowel.stl

☐ Peg for holding the two halves together if you



bottle-cap-lever-v3-30mm.stl

☐ Half the part - 30mm socket



bottle-cap-lever-v3-27mm.stl

☐ Half the part - 27mm socket

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