Customizable Beverage Can Opener3D PRINTING GUIDE



3D Printing Summary

| Metrics | Base Can Opener Only | With Cylindrical Handle | With Flat Handle | With Loop Handle |
|-----------------------------------|-------------------------|----------------------------|------------------|---------------------|
| Total Print Time (min) | 69 | 267 | 213 | 317 |
| Total Number of Components | 1 | 2 | 2 | 2 |
| Typical Total Mass (g) | 9 | 37 | 38 | 46 |
| Typical Number of Print Setups | 1 | 1 | 1 | 1 |

3D Printing Settings

| Print File Name | Qty | Total Print Time (hr:min) | Mass (g) | Infill (%) | Support | Layer Height/ Nozzle Diameter (mm) | Notes (orientation, special settings, etc.) |
|------------------------|-----|------------------------------------|-------------|---------------|---------------|--|--|
| Base_Can_Opener.stl | 1 | 1:09 | 9 | 20 | No Support | 0.2/0.4 | Must have at least 2 perimeters. Must orient on its side so that the non-rectangular face is laying on the print bed. |
| Cylindrical_Handle.stl | 1 | 3:19 | 28 | 20 | No Support | 0.2/0.4 | Must have at least 2 perimeters. Orient upright so that the hole for the handle is on the print bed. |
| Flat_Handle.stl | 1 | 2:24 | 29 | 20 | No Support | 0.2/0.4 | Must have at least 2 perimeters. Must orient so that either flat side is on the print bed. |
| Loop_Handle.stl | 1 | 4:08 | 37 | 20 | No Support | 0.2/0.4 | Must have at least 2 perimeters. Orient so that the handle is on its side. |

Customizable Beverage Can Opener3D PRINTING GUIDE



Post-Processing

- Remove any burrs or sharp edges if needed.
- Super glue can be added to attach the can opener socket to the handle socket if desired.

Examples of Quality Prints

