

# Customizable Beverage Can Opener

## 3D 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	<ul style="list-style-type: none"> <li>- Must have at least 2 perimeters.</li> <li>- Must orient on its side, so that the non-rectangular face is laying on the print bed.</li> </ul>
Cylindrical_Handle.stl	1	3:19	28	20	No Support	0.2/0.4	<ul style="list-style-type: none"> <li>- Must have at least 2 perimeters.</li> <li>- Orient upright so that the hole for the handle is on the print bed.</li> </ul>
Flat_Handle.stl	1	2:24	29	20	No Support	0.2/0.4	<ul style="list-style-type: none"> <li>- Must have at least 2 perimeters.</li> <li>- Must orient so that either flat side is on the print bed.</li> </ul>
Loop_Handle.stl	1	4:08	37	20	No Support	0.2/0.4	<ul style="list-style-type: none"> <li>- Must have at least 2 perimeters.</li> <li>- Orient so that the handle is on its side.</li> </ul>

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### 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

