



Customizable Sharpie Cap (The Good One)



drbipes

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Summary

Make your Sharpie your own with this customizable cap.

[Household](#) > [Office](#)

Tags: [customizable](#) [marker](#) [pen](#) [sharpie](#)

I have created a customizable Sharpie cap that can be edited in Fusion 360 (The Hobbyist Version is fine).

Or if you don't want to customize, there is "The Good One" because we all have a favorite Sharpie.

There are a couple of parametric options:

1. Printer Offset - Adjust the offset of the clip hole for your printer tolerance
2. Text Parameters - Change the text on the cap

Requirements:

1. Fusion 360 (Hobbyist License is fine)
2. ParametricText - Plugin ([link](#))
3. Trade Gothic Font ([link](#))

Instructions:

1. Open the fusion 360 file
2. Edit Text Parameters
3. Edit Offset Parameters if needed (Default is .125mm (.25mm for each side))
4. Combine if using the built-in 3D Printing tool (skip to step 5 if not)
 1. Select the “cap” and Send it to the printer
5. Export .stl

fx Change Parameters

Tx Change Text Parameters



|| ● CHANGE TEXT PARAMETERS



ParametricText v2.3.0

Sketch12



THE GOOD ONE



{_version}

Quick Reference

{_component}, {_sketch}, {_date}, {_file}, {_version}

{param}|{param.value}, {param.expr}, {param.unit}, {param.comment}

{_version:03} = 024 (integer)

{param.value:.3f} = 1.000, {param.value:03.0f} = 001 (float)

{param.comment:.6} = My com

{_date:%Y-%m-%d} = 2020-10-24

Settings

Run Compute All automatically



OK

Cancel

Notes:

1. I printed with a raft to keep the cap secure to the build plate
2. Some specialty filaments may require printing the cap at an angle so the layers do not separate
3. I printed with a .3 nozzle but a .4 nozzle should be fine
4. If you want to change the font, you will need to edit the text object in Sketch 12
5. You may need to use an X-acto knife or file on the clip, it is friction fit but glue if you feel the need.

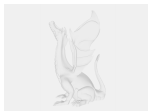
Model files



clip.stl



the-good-one.stl



customizable-sharpie-cap.f3d



blank.stl

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