



Surker / Wahl Hair Clipper Guards #1 - #12



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Summary

Clipper guards, sizes #2-#12, compatible with Surker & Wahl hair clippers (or any Wahl-compatible clippers)

[Gadgets](#) > [Other Gadgets](#)

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I modeled these after the clipper guards that came with my Surker hair clippers. Mine only came with sizes up to #4, and I wanted more options!

These should also be Wahl-compatible, though I can't confirm since I don't have a Wahl. Size labels are in metric – if you need imperial feel free to download and update the CAD file.

Printing

I was able to print these without supports, however your results may vary (overhang angle is 70°). PLA or ABS is recommended (PETG will probably be too fragile). I printed mine in PLA at 0.2mm layer height.

The bottom of the “fins” are tapered to 1mm, and there's not much surface contact with the bed, so adhesion is key. I was able to print with a bit of stick glue, but you might need try adding brims if that doesn't work.

CAD File

I've also included the FreeCAD source file in case anyone needs to modify the design for their clippers. To change the guard size in the FreeCAD file, simply open the **parameters** sheet, and change the guard #. The guard length is calculated automatically based on the [Wahl standard guard sizes](#). If you want a custom non-standard length, just override the formula for the guard length.

Note: I highly recommend using [realthunder's fork of FreeCAD](#), otherwise things easily break when you change parameters.

Model files



clipperguard_n01_3mm.stl



clipperguard_n02_6mm.stl



clipperguard_n03_10mm.stl



clipperguard_n04_13mm.stl



clipperguard_n05_16mm.stl



clipperguard_n06_19mm.stl



clipperguard_n07_22mm.stl



clipperguard_n08_25mm.stl



clipperguard_n10_32mm.stl



clipperguard_n12_38mm.stl



hair_clipper_guard.fcstd

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