

Apple



kaje

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Summary

This one is mostly for fun, but also to try out some ideas in 3D CAD as well as printing a multi-part print in...



4.96 hrs



5 pcs



0.20 mm



0.40 mm



PLA



37 g



Prusa
MK3/S/S+

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Tags: **fruit**

This one is mostly for fun, but also to try out some ideas in 3D CAD as well as printing a multi-part print in multiple colors. There are five parts total for this print.

The OnShape 3D CAD files for this are here :

<https://cad.onshape.com/documents/66c4dd77b613d56d9863a09c/w/b871d4459792e304bf51f918/e/95f6e297d02eba135f73e7ab>

Print instructions

Print in PLA using the 3mf files provided.

You can of course print in any colors you like, but for a realistic look these are the colors I chose:

- red : apple top and bottom
- brown : stem
- any color : connecting screw
- red and green : leaf

The leaf can also be printed in all green, but I chose to use two-color printing with filament switching to print the base of the leaf to match the apple top.

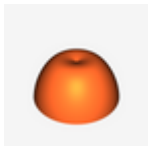
The leaf requires a lot of support material. The leaf stem is delicate so take care removing the support material so as not to break the leaf stem.

I printed the stem (brown) with a brim, which meant I needed to do a bit of trimming with a razor knife to remove the brim completely. It might be possible to print this without a brim but I did not try this.

Model files



apple-apple-top.3mf



apple-apple-bottom.3mf



apple-apple-top.stl



apple-apple-bottom.stl



apple-leaf.3mf



apple-stem.3mf



apple-leaf.stl



applejoin-thread.3mf



applejoin-thread.stl



apple-stem.stl

Print files



applejoin-thread_02mm_pla_mk3s_30m.gcode

⚙️ PLA ⚙️ 0.40 mm ⚙️ 0.20 mm ⌚ 0.51 hrs ⚖️ 2 g 🖨️ Prusa MK3/S/S+



apple-apple-top_02mm_pla_mk3s_1h36m.gcode

⚙️ PLA ⚙️ 0.40 mm ⚙️ 0.20 mm ⌚ 1.60 hrs ⚖️ 15 g 🖨️ Prusa MK3/S/S+



apple-leaf_02mm_pla_mk3s_54m.gcode

⚙️ PLA ⚙️ 0.40 mm ⚙️ 0.20 mm ⌚ 0.91 hrs ⚖️ 4 g 🖨️ Prusa MK3/S/S+



apple-stem_02mm_pla_mk3s_9m.gcode

🌀 PLA 🌀 0.40 mm 🌀 0.20 mm 🕒 0.15 hrs 📊 1 g 🖨️ Prusa MK3/S/S+



apple-apple-bottom_02mm_pla_mk3s_1h48m.gcode

🌀 PLA 🌀 0.40 mm 🌀 0.20 mm 🕒 1.79 hrs 📊 15 g 🖨️ Prusa MK3/S/S+

[Find source .stl files on Thingiverse.com](#)

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