



Pinecil, TS100, TS101, TS80 & TS80p Case with options, Stand, Solder Reel, Storage Box



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Summary

Case for Pinecil, TS100, TS101, TS80 & TS80p, with multiple size and layout options.

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[ts80case](#) [ts80p](#) [pinecil](#) [ts100case](#) [ts80pcase](#) [ts101](#)

Primarily based on the excellent TS100 case by Oleg Vint (Olvin) <https://www.thingiverse.com/thing:4438787>

No supports should be required.

This is a structural print, I would highly recommend at least 3 walls and 50% - 80% infill. Avoid PLA with additives (silk, wood etc.) as these tend to be more brittle and have lower layer adhesion.

Hinge uses 1.75mm Filament.

Holder uses 608 bearing, M3 Nut and Bolt. (Would suggest 6900 bearing for TS80).

Join the 2 parts of the solder reel with super glue.

History

UPDATE: 28/01/2023 - Many minor fixes to models, adjustments to improve strength and printability, added several new case options for all versions.

UPDATE: 16/01/2023 - Added stronger version of stand, after years of use my stand developed some cracks in places, so I've made a beefier version.

UPDATE: 15/01/2023 - Add large version for 6ml flux syringe storage - Syringe diameter is 13.5mm.

UPDATE: 04/06/2021 - I have now had multiple confirmations that all variations for the Pinecil, TS100 and TS80 case have been successfully printed and fit correctly.

UPDATE: 08/05/2021 - Testing version for Pinecil - I've had several requests for this one. It's based off of measurements I found, I have not printed/ tested it because I don't own one. If you decide to print it please let me know how it works out, or if it needs any tweaking/modifying.

UPDATE: 24/08/2020 - Testing version for TS100 with cable storage.

UPDATE: 23/08/2020 - Testing version for TS80/TS80p with cable storage. (Version for TS100 coming very soon)

UPDATE: 21/08/2020 - Testing version for TS80/TS80p using a 6900 bearing.

UPDATE: 19/08/2020 - Made a very minor modification to case latch to make it a bit easier to release (Changed the radius on the upper edge of the latch from 1mm to 1.3mm). Changed configuration options.

This remix is based on



Pinecil, TS100, TS101, TS80 & TS80p Case with options, Stand, Solder Reel, Storage Box

by Termiman

Model files



Reel and Stand

4 files

stand_new_strong.stl



stand_original.stl



reeltop.stl



reelbottom.stl



Pinecil

15 files

pinecil_small_1-bottom.stl

pinecil_small_2-1-top.stl

pinecil_small_2-2-top.stl

pinecil_small_2-3-top.stl

pinecil_small_2-4-top.stl

pinecil_medium_3-bottom.stl

pinecil_medium_4-1-top.stl

pinecil_medium_4-2-top.stl

pinecil_medium_4-3-top.stl

pinecil_large_5-1-bottom.stl

pinecil_large_5-2-bottom.stl

pinecil_large_5-3-bottom.stl

pinecil_large_6-1-top.stl

pinecil_large_6-2-top.stl

pinecil_large_6-3-top.stl



TS100

15 files

ts100_small_1-bottom.stl

ts100-small-2-1-top.stl

ts100-small-2-2-top.stl

ts100-small-2-3-top.stl

ts100_small_2-4-top.stl

ts100_medium_3-bottom.stl

ts100_medium_4-1-top.stl

ts100_medium_4-2-top.stl

ts100_medium_4-3-top.stl

ts100_large_5-1-bottom.stl

ts100_large_5-2-bottom.stl

ts100_large_5-3-bottom.stl

ts100_large_6-1-top.stl

ts100_large_6-2-top.stl

ts100_large_6-3-top.stl



TS80(p)

15 files

ts80p_small_1-bottom.stl

ts80p-small-2-1-top.stl

ts80p-small-2-2-top.stl

ts80p-small-2-3-top.stl

ts80p_small_2-4-top.stl

ts80p_medium_3-bottom.stl

ts80p_medium_4-1-top.stl

ts80p_medium_4-2-top.stl

ts80p_medium_4-3-top.stl

ts80p_large_5-1-bottom.stl

ts80p_large_5-2-bottom.stl

ts80p_large_5-3-bottom.stl

ts80p_large_6-1-top.stl

ts80p_large_6-2-top.stl

ts80p_large_6-3-top.stl



6ml Flux Syringe Version (Pinecil TS100 TS80)

9 files

ts100_large_syringe-5-2-bottom.stl

pinecil_large_syringe-5-2-bottom.stl

ts80p_large_syringe-5-2-bottom.stl

xxxx_large_syringe_6-1-top.stl

xxxx_large_syringe_6-2-top.stl

xxxx_large_syringe_6-3-top.stl

xxxx_large_syringe_6-4-top.stl

xxxx_large_syringe_6-5-top.stl

xxxx_large_syringe_6-6-top.stl



Source

1 file



ts100ts80pinecilcase.step

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

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