



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



VIEW IN BROWSER

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Summary

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

Hobby & Makers > Tools

Tags:ts100ts80thingiversets80solderingironts80boxts80casets80ppinecilts100casets80pcasets101

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.

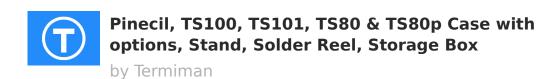
UPDATE: 24/08/2020 - Testing version for TS100 with cable storage.

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

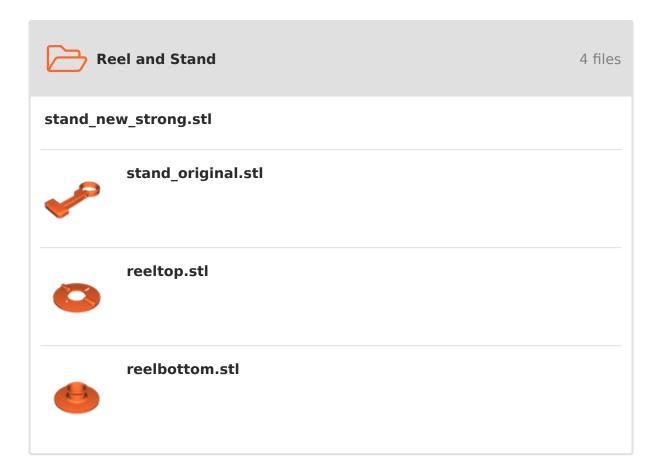
UPDATE: 21/08/2020 - Testing version for TS80/TS80p using a 6900 bearing.

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

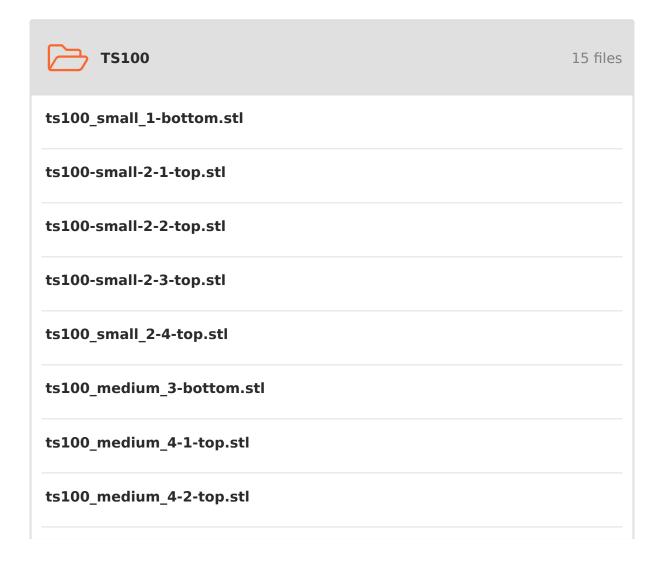


Model files

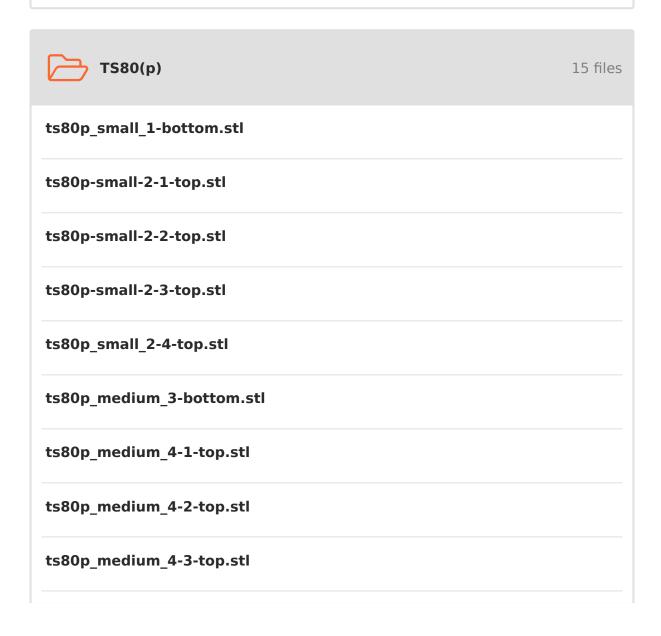




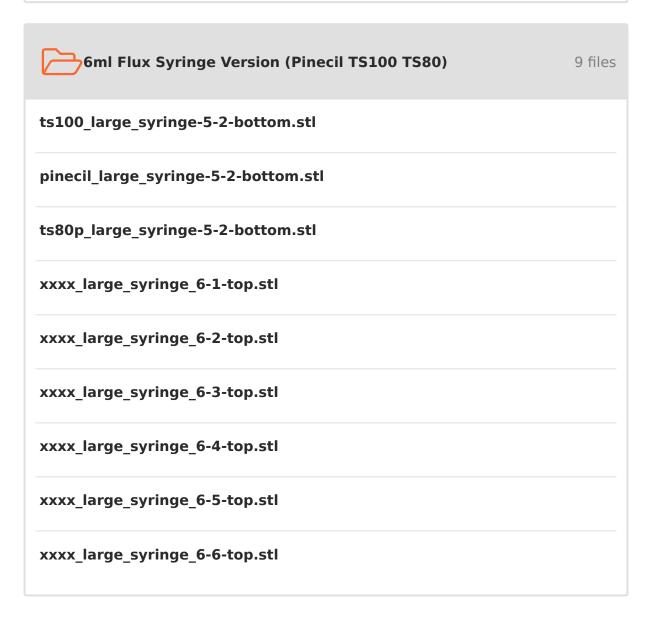
pinecil_medium_4-2-top.stl
pinecil_medium_4-3-top.stl
pinecil_large_5-1-bottom.stl
pinecil_large_5-2-bottom.stl
pinecil_large_5-3-bottom.stl
pinecil_large_6-1-top.stl
pinecil_large_6-2-top.stl
pinecil_large_6-3-top.stl



ts100_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



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









ts100ts80pinecilcase.step

Find source .stl files on Thingiverse.com

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