



T-Beam Supreme case for Meshtastic

T TonyG

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Summary

This is a case for the T-Beam Supreme, designed with the Meshtastic project in mind (<https://meshtastic.org>).

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[ttgotbeam](#) [offgrid](#)

****You can purchase this case and others already printed:****

US customers can purchase from QuantumShadow3D
(<https://www.etsy.com/shop/QuantumShadow3D>)

UK/EU customers can purchase from 3DChicken
(<https://www.3dchicken.co.uk>)

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With all that said, now on to the models...

Update 31-December-2023:

- Added button-tighter-fit model in case the original button is too small for the holes
- Uploaded a 0.5mm thick window shim part for use with 1mm thick acrylic windows, if 1.5mm thick acrylic cannot be found
- Added an assembly guide in the pictures

This is a case for the T-Beam Supreme boards, designed with the Meshtastic project in mind (<https://meshtastic.org>).

There are five models required for a complete case, as well as socket head cap screws and a SMA antenna pigtail cable (included with the T-Beam Supreme); refer to the parts list below.

Required hardware:

1. Four (4) M3x20mm socket head cap screws
2. Four (4) M3 nuts
3. Two (2) M2x12mm screws
4. Two (2) M2 nuts
5. Battery: 18650 cell

Optional hardware:

1. One (1) M2x10mm screw (if using TPU button cover)
2. One (1) M2 nut (if using TPU button cover)
3. Laser-cut acrylic window (see note below)

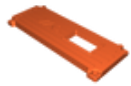
Minimum required model files:

1. T-Beam_Supreme_back-18650
+OR+ T-Beam_Supreme_back-18650-flat (has flat edge for stability)
+OR+ T-Beam_Supreme_back-21700-flat (requires desoldering 18650 battery holder)
+OR+ T-Beam_Supreme_back-21700-flat (has flat edge for stability)
2. T-Beam_Supreme_front-<pattern>
+OR+ T-Beam_Supreme_front-noinsert-<pattern> (if not using a laser-cut acrylic window)
3. T-Beam_Supreme_frame-button-cover (if using TPU button cover)
+OR+ T-Beam_Supreme_frame-no-button-cover (if not using TPU button cover)
4. T-Beam_Supreme_button

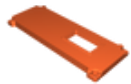
5. T-Beam_Supreme_button-dust-cover (optional, print in TPU)

I've also included the SVG file for an optional laser-cut acrylic window using 1mm or 1.5mm acrylic. If you want one but don't have a laser cutter [I sell them on my Etsy store](#).

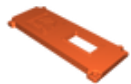
Model files



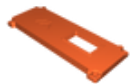
t-beam_supreme_v14_front-no-insert-ribs.stl



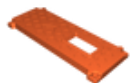
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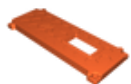
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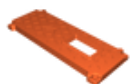
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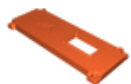
t-beam_supreme_v14_front-circles.stl



t-beam_supreme_v14_front-hexagons2.stl



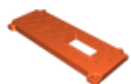
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t-beam_supreme_v14_front-dots.stl



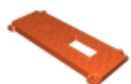
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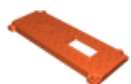
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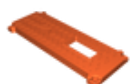
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t-beam_supreme_v14_front-no-insert-hexagons1.stl



t-beam_supreme_v14_front-hexagons1.stl



t-beam_supreme_v14_front-no-insert-waves.stl



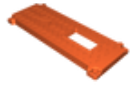
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t-beam_supreme_v14_front-ribs.stl



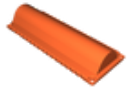
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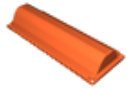
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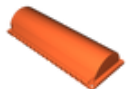
t-beam_supreme_v14_button-dust-cover.stl



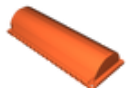
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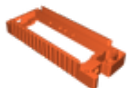
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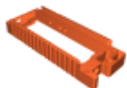
t-beam_supreme_v14_back-21700.stl



t-beam_supreme_v14_back-27100-flat.stl



t-beam_supreme_v14a_frame-button-cover.stl



t-beam_supreme_v14a_frame-no-button-cover.stl



t-beam_supreme_v14_window-shim-05mm.stl



t-beam_supreme_v14_button.stl



t-beam_supreme_v14_button_tighter-fit.stl

Other files

t-beam_supreme_v14_window.svg

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