

Desktop Scotch Tape Dispenser



DesignCraft

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Summary

A desktop tape dispenser for home or office use. Supports standard size Scotch tape rolls with a 1" core and 3/4" width.

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Tags: [office](#) [desktop](#) [tape](#) [dispenser](#) [scotch](#)

A stylish desktop tape dispenser for home or office use. This dispenser supports standard size Scotch tape roles with a core width of 1 inch (~26mm) and a tape width of 3/4 inch (~20 mm).

*** Features a double sawtooth design that catches and cuts tape cleanly!**

I printed with multiple filaments to create a rainbow spectrum to show off the ability to band colors due to the print orientation of the dispenser halves. **Please be creative and share your results!**

Notes:

- No supports required.
- All parts printed without using brims.
- **Duplicate and mirror the dispenser half model to create each side.**
- Easily assemble the two halves using **four** printed connectors.

- Drop in place the teeth.
- Insert the pin core and shaft through the center of the tape role and drop in place.
- No glue, screws, or additional parts required.
- I originally printed this model using Bambu PLA Matte filament which worked well. I later reprinted the teeth with a Bambu PLA Basic which resulted in them being a bit sharper and cutting the tape better.
- I printed all parts except the teeth with 15% infill at 0.16mm (Optimal in Bambu Studio slicer).
- The teeth I printed with 100% infill at 0.08mm (Extra Fine in Bambu Studio slicer).
- Shown as printed on a Bambu X1C.

Model files



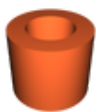
tapedispenser_half.stl



teeth.stl



pinshaft.stl



pincore.stl



connector.stl

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