TISTWO – Tissue Box & Tabletop Bin

3D Print Files

Description

TISTWO is a matching **tissue box cover and tabletop bin** with a simple ribbed design made to work together. The shapes are clean and neutral, designed to sit naturally in bathrooms, workspaces, or small living spaces without standing out.

The tissue box lid is **designed to fit 5 × 3 mm magnets**, which are hidden inside internal slots so they are not visible after printing. To embed the magnets correctly, the print must be paused and the magnets inserted during printing, following the instructions below.

Two magnet versions are included:

- **4 + 4 magnet version** (4 in the box, 4 in the lid)
  This is the standard version and is strong enough for most magnets.
- **6 + 6 magnet version** (6 in the box, 6 in the lid)
  Use this version if your magnets are weaker or if you prefer a stronger lid hold.

Dimensions

Tissue Box – Standard

- **Model size:** 248 × 152 × 85 mm
- **Fits tissue boxes up to:** 230 × 125 × 79 mm (maximum)

Tissue Box – Tall Version

- **Model height:** 152 mm
- **Fits tissue boxes up to:** 100 mm tall

Tissue Box – Cube Version

- **Model size:** 156 × 156 × 150 mm
- **Fits tissue boxes up to:** 125 × 125 × 140 mm

Tabletop Bin (Non-magnetic)

- **Model size:** 110 × 110 × 160 mm

Recommended Print Settings

For Both Models

- **Layer height:** 0.24 mm
- **Infill:** 6–10%
- **Infill pattern:** Gyroid
- **Supports:** Not required

Lid Shell Layer Settings (Required)

The lids are designed to be printed fully solid using shell layers instead of infill. These settings are required for correct weight, surface quality, and fit.

Tissue Box Lid

- **9 top shell layers**
- **9 bottom shell layers**

Tabletop Bin Lid

- **7 top shell layers**
- **7 bottom shell layers**

Magnet Installation Instructions

(Tissue Box Only)

The tissue box uses **4 magnets in the box body** and **4 magnets in the lid (or 6 in the box+6 in the lid for a stronger version)**. Correct polarity is essential.

Magnet Size

- **5 × 3 mm round magnets**

Polarity Method

1. Stack all magnets together into **one single stack**.
2. Using **one side of the stack**, insert magnets into all **4 (6) magnet slots in the tissue box body**.
3. **Flip the entire magnet stack over.**
4. Using the opposite side of the stack, insert magnets into all **4 (6) magnet slots in the lid**.

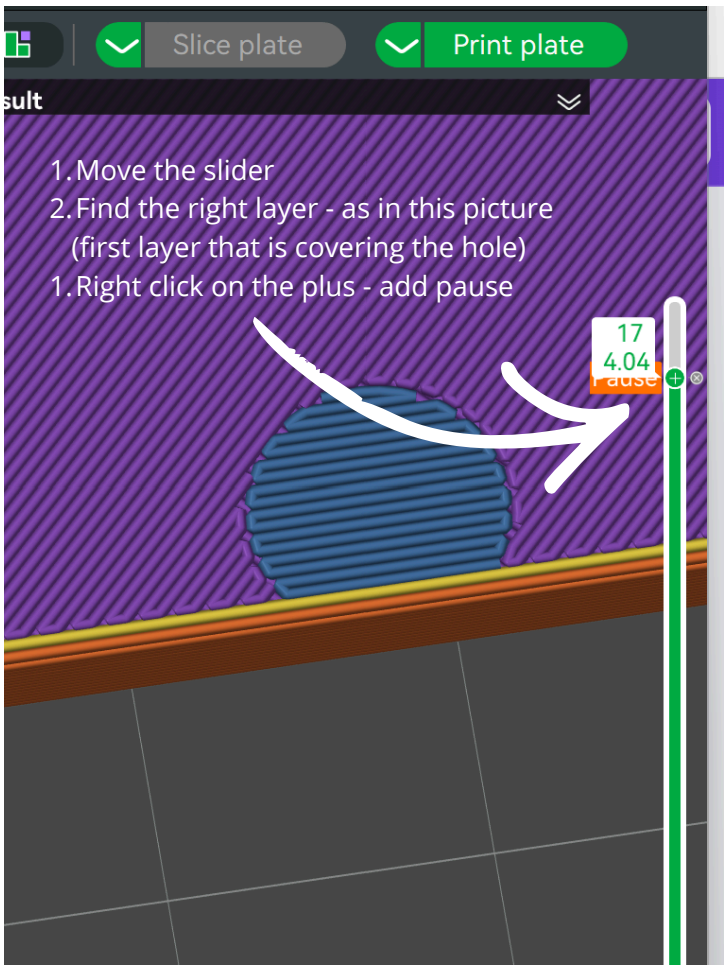
This ensures the lid and base attract correctly.

Pausing the Print to Insert Magnets (Essential)

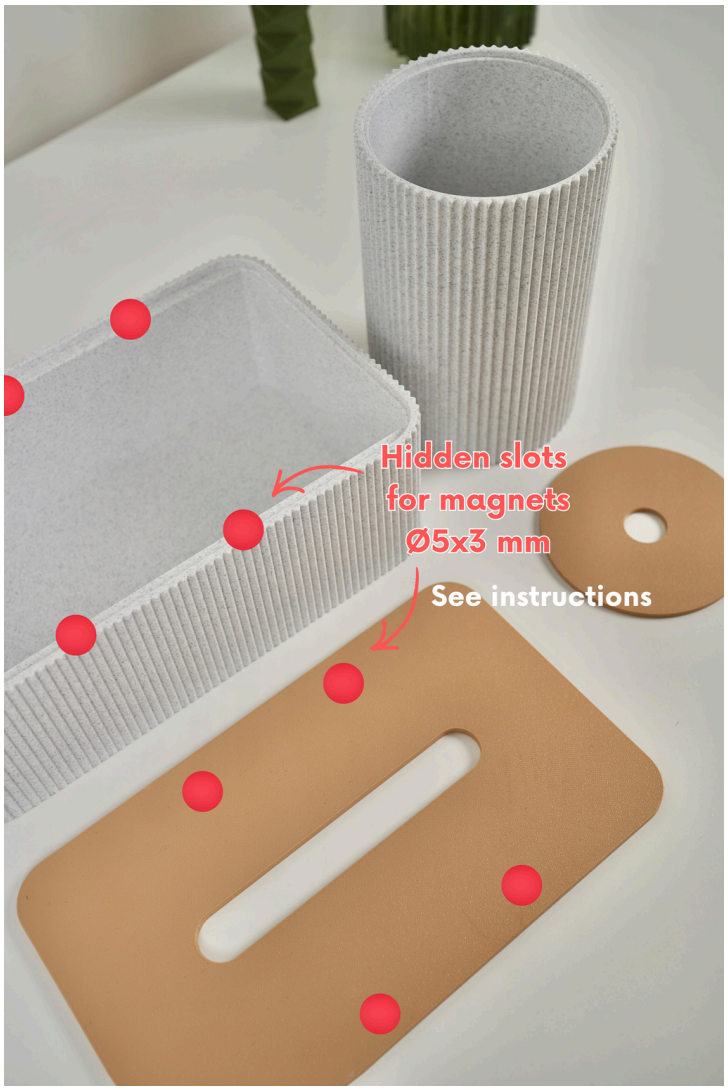
Pausing the print is mandatory.
The magnets must be inserted during printing. Inserting them afterward will not work.

1. In your slicer, switch to **Preview** mode.
2. Locate the **first layer that completely covers the magnet slots**.

3. Use the **layer slider on the right side** of the slicer to select that layer.
4. **Right-click and add a “Pause at Layer.”**



5. Start the print.
6. When the printer pauses:
   - Insert the magnets into the slots
   - Secure them with a **small drop of glue** to prevent them from snapping toward the nozzle
7. Resume the print.
   The printer will continue and **print over the magnets**, sealing them inside the part.



💬 Questions or Feedback?

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🧠 Join the Community:

https://discord.gg/SagnAaCgHF