# Self-Draining Kitchen Sponge & Washcloth Stand

bod_3d

VIEW IN BROWSER

updated 13. 9. 2026 | published 13. 9. 2026

## Summary

Keep your kitchen sink clean and dry with this self-draining 3D-printable sponge and washcloth stand.

Household > Kitchen

Tags: kitchen organizer functional holder modular 3dprinting accessory home tray sink soap dish rack practical utility sponge tidy drainage washcloth countertop

This 3D-printable stand is designed to hold sponges, washcloths, and soap, ensuring that excess water drains directly into the sink instead of pooling on your countertop. Say goodbye to soggy sponges and messy countertops with this elegantly engineered, space-saving kitchen accessory.

### Features

The model incorporates several functional design elements to keep your kitchen sink area clean and dry:

- Effective ribbed surface keeps the sponge elevated for better airflow.

- Integrated spout directs water straight into the sink.
- Spacious 21.3 cm width suitable for both a sponge and a cloth.
- Sturdy construction with a precise and easy snap-fit assembly using a dovetail joint.
- Three interchangeable spout configurations including Left, Right, and Center options.

**Technical Specifications**

The physical dimensions and drainage parameters of the stand are structured as follows:

- **Width**: 21.3 cm
- **Depth**: 11.5 cm (including spout) / 9.5 cm (tray only)
- **Height**: 3 cm (back) to 2 cm (front)
- **Drainage**: Built-in 7-degree tilt with internal angled ribs

**Recommended Print Settings**

The following parameters are recommended to ensure optimal structural integrity and precise assembly:

- **Material**: PETG or ABS (recommended for durable, water-resistant everyday kitchen use). You can also use PLA, but it will be less reliable and durable over time.
- **Layer Height**: 0.2 mm (essential for perfect dovetail joint alignment).
- **Infill**: 15–20% (Grid or Gyroid)
- **Supports**: Not Required

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# Model files

**kitchenwashclothstandv4.3mf**

**kitchenwashclothstandv4rightstand.stl**

**kitchenwashclothstandv4base.stl**

**kitchenwashclothstandv4leftstand.stl**

**kitchenwashclothstandv4baseleftspout.stl**

**kitchenwashclothstandv4leftspoutleftstand.stl**

**kitchenwashclothstandv4leftspoutrightstand.stl**

**kitchenwashclothstandv4leftspout.3mf**

**kitchenwashclothstandv4midspoutrightstand.stl**

**kitchenwashclothstandv4midspout.3mf**

**kitchenwashclothstandv4basemidspout.stl**

**kitchenwashclothstandv4midspoutleftstand.stl**

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