



3D Printed Wall-Mounted Utensil Holder

 frames digital

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Summary

This is a 3D printed wall-mounted utensil holder designed to keep kitchen tools organized and easily accessible

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Tags: [kitchen](#) [wall](#) [holder](#) [keyholder](#)

Description: This is a 3D printed wall-mounted utensil holder designed to keep kitchen tools organized and easily accessible. The model was created using Fusion 360 and combines functionality with a clean, modern design.

Design Details:

- **Wall-Mounted Holder:** The holder features three circular slots designed to securely hold utensils with hooks. The slots are evenly spaced to prevent tangling and ensure easy access.
- **Mounting Holes:** Two mounting holes are provided at the top for easy wall installation. The holes are designed to fit standard screws and ensure a firm attachment to the wall.
- **Durable Design:** The holder is designed to be sturdy and durable, capable of supporting the weight of multiple utensils without bending or breaking.

- **Smooth Finish:** The model is designed with smooth edges and surfaces to ensure it is safe to use and aesthetically pleasing in any kitchen setting.

Changes Made to the Original Model:

1. **Addition of Mounting Holes:** Two mounting holes were added at the top of the holder to facilitate easy wall installation and ensure stability.
2. **Slot Design:** The circular slots were designed to hold utensils with hooks securely, ensuring they stay in place and are easy to access.
3. **Structural Adjustments:** Adjustments were made to the thickness and dimensions of the holder to enhance its durability and functionality.
4. **Material Optimization:** The model was optimized to be printed with minimal material while maintaining structural integrity.

Printing Specifications:

- **File Format:** Available in STL, OBJ, and 3MF formats.
- **Dimensions:** Approximately [provide exact dimensions if available].
- **Layer Height:** Recommended layer height is 0.2mm for a balance of detail and strength.
- **Infill:** Suggested infill density is 20% for a balance of stability and material efficiency.
- **Supports:** Minimal supports needed, primarily for overhangs around the mounting holes and slots.
- **Material:** Compatible with PLA, ABS, PETG, and other common 3D printing filaments.

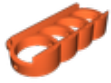
Usage: This 3D printed model serves as a practical utensil holder for kitchens. It keeps utensils organized and easily accessible, helping to declutter the kitchen space. It is ideal for hanging spatulas, ladles, and other kitchen tools with hooks.

Additional Notes:

- **Customization:** The model can be customized in Fusion 360 to add personal touches or different slot designs.
- **Post-Processing:** For a smooth finish, consider sanding and painting the model after printing. Use primer and acrylic paints for best results.

Download Instructions: Click on the download button to get the STL file for 3D printing. Ensure your printer settings match the specifications for best results.

Model files



wall-mount-v4.stl



external1-v1.3mf



wall-mount.stl



external1-v3.stl

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