



## Modular Skådis Shelves with Protective Rim (3 Sizes)



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### Summary

Practical, strong, and stylish shelves designed specifically for the IKEA SKÅDIS pegboard system. Engineered for easy 3D

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Practical, strong, and stylish shelves designed specifically for the **IKEA SKÅDIS** pegboard system. Engineered for easy 3D printing and reliable daily use.

Featuring robust hook mounts that lock securely into the board's slots, these shelves handle weight with confidence while the raised border keeps items safely in place.

### Key Features:

- **3 Practical Sizes:** Includes Small, Medium, and Large sizes, making it easy to create a customized setup for everything from small accessories to larger tools.
- **Protective Rim:** High edge along the perimeter prevents items from slipping or falling off.

- **100% Support-Free Printing:** Geometry is optimized to print flat directly on the build plate without any supports.
- **Secure Hook Attachment:** Integrated hooks and reinforced side brackets fit snugly into Skådis slots without wobble.
- **Eye-Catching Two-Tone Look:** Designed for easy multi-color printing—simply add a filament swap at the top layers to accent the rim and bracket edges.
- **Material-Efficient Structure:** Built-in pattern on the base reduces weight and filament usage while maintaining structural strength.

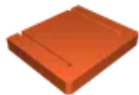
## Included Sizes:

1. **Small (S):** Great for small jars, memory cards, or standard bottles.
2. **Medium (M):** Versatile size for storage boxes, cables, lotions, and hand tools.
3. **Large (L):** Designed for wider items, stands, and larger accessories.

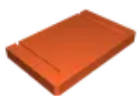
## Recommended Print Settings:

- **Orientation:** Print flat on the build plate (bottom facing down).
- **Supports: None required** (Support-Free).
- **Material: PETG** (recommended for strong, flexible hooks) or **PLA / PCTG**.
- **Layer Height:** 0.2 mm (or 0.16–0.24 mm).
- **Infill:** 15–20% (Grid, Gyroid, or Honeycomb).
- **Perimeters / Walls:** 3 (for added hook strength).
- **Two-Color Accent (Color Swap):** Program a filament change on the top layers of the rim and bracket ribs to achieve the two-tone border look.

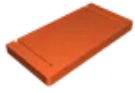
## Model files



polka-100kh115.step



polka-100kh155.step



**polka-100kh195.step**



**opora.step**

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