



Parametric Bottle Holders - IKEA SKADIS - TOP version



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[VIEW IN BROWSER](#)

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Summary

A remix of my SKADIS bottle holder so it can hold the bottle on the TOP of the board, saving some precious space !!!!

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I remixed my previous **IKEA SKADIS** bottle holder to make it so it can hold the bottle on the side. This way the bottle is not taking to much precious board space !

Here are the variations I have created so far:

Bottle Diameter (BD)	70% of BD	75% of BD	80% of BD	85% of BD	Example
34mm			H15mm	H15mm	
35mm			H20mm		
40mm	H20mm		H20mm		Clipper Lighter gas
45.2mm	H20mm		H20mm		OIL 100ml
46.5mm			H25mm		
49mm	H20mm		H20mm		silicone/glue cartridge...
52.5mm		H20mm			
53mm	H20mm		H20mm		WD40, Grease spray 200ml/250ml
57.75mm	H20mm		H20mm		
66mm		H20mm			Standard BEER/ SODA CAN 330ml (tight) Standard Spray Paint (no lip) (tight)
66.2mm	H15mm	H15mm			Standard BEER/ SODA CAN 330ml Standard Spray Paint (no lip)
71.7mm	H15mm	H15mm			Standard Spray Paint (with lip)
80mm	H15mm	H15mm	H30mm		Isopropanol 1000 ml

where:

- **D is the bottle diameter**, model will be 0.5mm more for better fit.
- **H is the Wall height**
- % is the overlap percentage

To print:

- **No support** needed ! see picture.
 - **Add brim**
 - **0.2mm** layer preferable, it also work @0.3 but overhang might no print as well

On the design:

- 45° to 50° overhang max depending on parameters → no support = low waste
- Holder diameter is 0.5mm higher than bottle diameter for perfect/easy fit.
- Slide on the top of the SKADIS board, does not cover the holes of the board

On the Freecad file:

- Display Spreadsheet
- Modify cell highlighted in the screenshot

If you can't work on the Freecad file, I'll be happy to add a variations to that list.

Hope it helps !

Other related model:

SKADIS FRONT HOLDER	SKADIS SIDE HOLDER (left & right)
	
https://www.printables.com/model/285485-parametric-bottle-holders-ikea-skadis	https://www.printables.com/model/456113-parametric-bottle-holders-ikea-skadis-side-version

This remix is based on



Parametric Bottle Holders - IKEA SKADIS version

by Olo Deepdelver

Model files



70% of bottle Diameter

7 files



skadis_top_bottle_d45_2mm_p70_h20.stl



skadis_top_bottle_d49mm_p70_h20.stl



skadis_top_bottle_d53mm_p70_h20.stl



skadis_top_bottle_d57_75mm_p70_h20.stl



skadis_top_bottle_d66_2mm_p70_h15mm.stl



skadis_top_bottle_d71_7mm_p70_h15mm.stl



skadis_top_bottle_d80mm_p70_h15mm.stl



75% of bottle Diameter

5 files



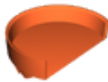
skadis_top_bottle_d52_5mm_p75_h20mm.stl



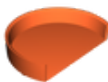
skadis_top_bottle_d66mm_p75_h20mm.stl



skadis_top_bottle_d66_2mm_p75_h15mm.stl



skadis_top_bottle_d71_7mm_p75_h15mm.stl



skadis_top_bottle_d80mm_p75_h15mm.stl



80% of bottle Diameter

9 files



skadis_top_bottle_d34mm_p80_h15mm.stl



skadis_top_bottle_d35mm_p80_h20mm.stl



skadis_top_bottle_d40mm_p80_h20.stl



skadis_top_bottle_d46_5mm_p80_h25mm.stl



skadis_top_bottle_d45_2mm_p80_h20.stl



skadis_top_bottle_d49mm_p80_h20.stl



skadis_top_bottle_d53mm_p80_h20.stl



skadis_top_bottle_d57_75mm_p80_h20.stl



skadis_top_bottle_d80mm_p80_h30mm.stl



85% of bottle Diameter

1 file



skadis_top_bottle_d34mm_p85_h15mm.stl

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