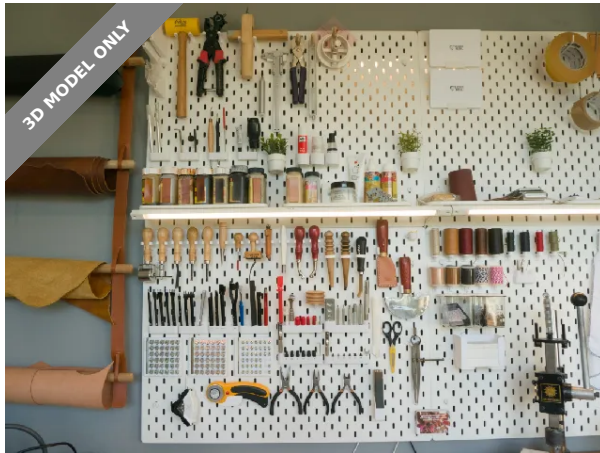




SKADIS Universal Mounting System (SUMS) - complete package (23+ attachments)



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Summary

Use the IKEA SKADIS boards to organize your workshop with these 23 attachments. Build upon a simple universal peg-system

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The SKADIS Universal Mounting System (SUMS) is build upon the IKEA SKADIS board and used a standardized peg system. With this system, you can use one type of peg to attach various types of attachments.

If an attachment is no longer needed, breaks or has gotten a new design, you can re-use the pegs in order to save some plastic.

This also makes printing the attachments easier because it's not necessary to include a peg in the design so you can often print without supports.

Base peg

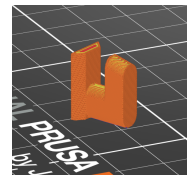
In this model you can find the peg, including the Fusion360 files for the base plates. Feel free to create your own models on this system. It has served me and my hobby-leathercraft-studio nicely! 😊

- SUMS peg (used in all the attachments)
- SUMS base plates for you to create your own models

Printing

You can print the **pegs** upside down without support. The pegs may have a tight fit with the printed attachments, but this is by design. You can press them in by force.

You can use your own preferred settings, but mine are printed in PLA with 20% infill, two walls and 0.2mm STRUCTURAL preset.



Attachments

Upon the years, the number of attachments has grown. And it is still growing. Find all the details of the individual models on my profile.

- Gridfinity base plates
- LEGO plates
- Product display pegs, usable on markets
- Skydrag light mount

Models with variable inserts

In a few models, the main model is created in a large size. Using various inserts, you can vary sizes for the individual tools or products you want to store. Depending on the model, this is with various sized tubes, pegs or inserts. These are also added in the corresponding model folders.

- Wax thread
- Round flasks
- Round tools in 3, 5 or 8 configuration

Models for individual tools

- Tool holders for various (leathercraft) tools
- Wide tool holders in three designs
- Skiving knife
- Calipers
- Edge painter

- Pliers
- Straight peg
- Wing divider
- Leather stamp letter sets
- Acrylic templates
- Square stamp
- Bone folder
- Scissors
- Businesscards
- Tissuebox
- Paper holder

BONUS: a little cup of coffee

Design your own attachments

The Fusion 360 files are attached so you can build your own attachments upon this system. You can find the files for the pegs, and several starting mounting plates in this model.

Make sure to remix this model to inspire me and others with your creativity.

♥ Love to hear your feedback

Let me know what you think of this model, and how you think I can extend and improve it.

I'm curious for your makes and remixes!

Model files

 **A. SUMS Peg (used in all attachments)** 2 files

 **sums-peg.stl**

 **sums-peg.f3d**



B. SUMS base plates (create your own models)

8 files



sums-base-1-open.stl



sums-base-1-open.f3d



sums-base-1-closed.stl



sums-base-1-closed.f3d



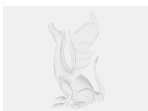
sums-base-2-vertical-closed-and-open.stl



sums-base-2-vertical-closed-and-open.f3d



sums-base-2-horizontal-open.stl



sums-base-2-horizontal-open.f3d



1. Gridfinity Base plates

9 files



sums-gridfinity-base-1x1.stl



sums-gridfinity-base-1x4.stl



sums-gridfinity-base-2x1.stl



sums-gridfinity-base-1x2.stl



sums-gridfinity-base-1x3.stl



sums-gridfinity-base-2x3.stl



sums-gridfinity-base-2x2.stl



sums-gridfinity-base-2x4.stl



sums-gridfinity-base-fillerplate.stl



2. LEGO plates

3 files



sums-lego-base-plate-3x2.stl



sums-lego-base-plate-2x2-low.stl



sums-lego-base-plate-2x2-high.stl



3. Market product display

2 files



sums-display-pegholder-single.stl



sums-display-pegholder-with-price-tag.stl



4. SKYDRAG light mount

2 files



sums-skydrag-mount-for-skadis.stl

☐ This is the right arm, flip on printing bed for the left arm



sums-skydrag-mount-for-skadis-with-cable-channel.stl

☐ This is the right arm, flip on printing bed for the left arm



5. Wax thread

7 files



sums-wax-thread-holder.stl



sums-wax-thread-holder-longer.stl



sums-wax-thread-holder-peg-small.stl



sums-wax-thread-holder-peg-medium.stl



sums-wax-thread-holder-peg-large.stl



sums-wax-thread-holder-peg-68.stl

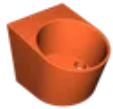


sums-wax-thread-holder-peg-57.stl



6. Round flasks

6 files



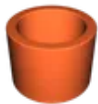
sums-round-flask-holder-universal.stl



sums-round-flask-holder-insert-325mm.stl



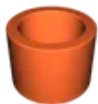
sums-round-flask-holder-insert-315mm.stl



sums-round-flask-holder-insert-27mm.stl



sums-round-flask-holder-insert-308mm.stl



sums-round-flask-holder-insert-26mm.stl



7. Round tools (3+5+8)

15 files



sums-round-tool-holder-universal-3-holes.stl



sums-round-tool-holder-universal-5-holes.stl



sums-round-tool-holder-universal-8-holes.stl



sums-round-tool-holder-tube-114mm.stl



sums-round-tool-holder-tube-94mm.stl



sums-round-tool-holder-tube-99mm.stl



sums-round-tool-holder-tube-32mm.stl



sums-round-tool-holder-tube-58mm.stl



sums-round-tool-holder-tube-6mm.stl



sums-round-tool-holder-tube-84mm.stl



sums-round-tool-holder-tube-104mm.stl



sums-round-tool-holder-tube-72mm.stl



sums-round-tool-holder-tube-68mm.stl



sums-round-tool-holder-tube-21mm.stl



sums-round-tool-holder-tube-45mm.stl



8. Hanging tool

3 files



sums-hanging-tool.stl



sums-hanging-tool-wider.stl

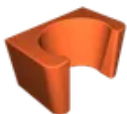


sums-hanging-tool-round.stl



9. Skiving knife

1 file



sums-skiving-knife.stl



10. Calipers

1 file



sums-calipers.stl



11. Edge Painter

1 file

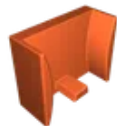


sums-edge-painter.stl

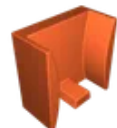


12. Pliers

2 files



sums-pliers-medium.stl



sums-pliers-small.stl



13. Single peg

1 file

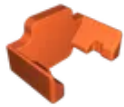


sums-single-peg.stl



14. Wing divider

1 file



sums-wing-divider.stl

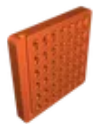


15. Letter stamp sets

3 files



sums-stamp-set-bracket.stl



sums-stamp-set-small-letters.stl



sums-stamp-set-large-letters.stl



16. Acrylic templates

3 files



sums-acrylic-template-holder-3mm-small.stl



sums-acrylic-template-holder-3mm-large.stl



sums-acrylic-template-holder-35mm-small.stl



17. Square stamp

1 file

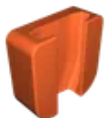


sums-square-stamp.stl



18. Bone folder

1 file



sums-bone-folder.stl



19. Scissors

1 file



sums-scissors.stl



20. Wide tools

4 files



sums-wide-tool-holder-round-tools-v2.stl



sums-wide-tool-holder-half-with-cutout.stl



sums-wide-tool-holder-half.stl



sums-wide-tool-holder-half-long.stl



21. Business cards

2 files



sums-businesscards-87mm.stl

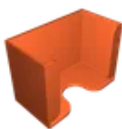


sums-businesscards-92mm.stl



22. Tissuebox

1 file



sums-tissuebox.stl



23. Paper holder

1 file



sums-paperholder.stl



Bonus - a cup of coffee

1 file



sums-coffeecup.stl

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