Multiconnect - generic connector for multiboard v2

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VIEW IN BROWSER

updated 21. 12. 2024 | published 21. 12. 2024

Summary

Updated version (v2) of the generic connector for multiboard. Use for mounting bins/shelves and other accessories.

Hobby & Makers > Organizers

Tags: mount connector universal remixable remixfriendly remixready multiboard multiboardremix multiconnect

Generic connectors to hang your bins/shelves or anything else to your multiboard, now in version 2. The connector is pretty generic and allows you to attach anything you want.

The connector itself is only a utility for other models, you need it if you want to use any of those:

- Multiboard gridfinity shelves
- Multiboard bins or multiboard bins v2
- Multiboard open bins
- Multiboard shelves for multigrid bins
- ...and more, like use multiconnect as your generic mounting solution

See all compatible models using the multiconnect tag here on printables or the multiconnect tag on thangs.

Changes in comparison with version 1: This update brings a redesign mostly to the handling of the connector and also the versatility. This means:

- There are now fully features variants for snaps, push fits and all three thread sizes
- You may use your bare hands, a 6mm hex driver or a coin to screw the connectors in
- If you need extra strength you can use the foldable versions
- The snaps are now also stronger, still use the foldable versions for heavy weight

Everything else is fully compatible, as with multiconnect v2 itself. This means you can freely mix both versions!

Why use this connector: The connector is universally usable and allows for fast and easy installation and removal of anything you want while still being pretty sturdy. Also the connector will be invisible when something is attached, which leads to a nicer overall look.

Also you may **use this connector for your own models**, see below.

Howto use: The connectors have different variants for the different holes of your multiboard. Select the one that suits your need the best. In general I would suggest using:

- The mid size connector if you have any snap already attached
- The big size one for everything else matching the normal grid
- The snap connector when you just want to push in the connector
- The push fit connector when you want to just push in + have some snap attached already
- The small size ones to switch to the small hole grid layout

Screw connectors come in three versions, one that has a pretty flat head, one with a 6mm hex and one with a coin slot. I would recommend always printing hex/coin slot versions, as the connector head is not visible after after you connect anything to it. For snaps/push fits only the plain version exists as you don't need to screw those in.

For the screw connectors and the push fit connector there are also version that can be printed sideways to optimise for print orientation. The screw versions need to be folded before screwed in. This will increase part strength by a lot.

Other uses: You may also use the connector system with your honeycomb storage wall or any wall/surface you can put screws in.

About the connector system: The connector design/dimensions are actually pretty simple. You can look into the provided dimension PDF to create your own models using the same connector. There are also STEP files which includes just the connector head and a bin/shelve back to be used for your own creations. Feel free to just use those.

Printing instructions: All connectors are provided in the orientation they should be printed. Use at least 3 perimeters and I suggest at least 20% infill. I'm using the grid infill pattern, but others might just be fine. Please don't print in "superfast" (/"SPEED") mode, use "STRUCTURAL" for Prusa printers for example.

Howto use for your own models: If you like the connector you can easily create your own models based on the connector system. All you need is the back to be placed on your model. See multiconnect modeling files here on printables. This also includes negative/cutout version of the connector back, you can just apply to any existing model.

If you want to create your own connectors you may also use the provided STEP files. Those just include the head.

Please upload your model using the "multiconnect" tag, so they are easily visible to others. Also this page links to this tag on printables and thangs - so you might just get some extra views by using this tag.

Credits to Jonathan (KeepMaking) for creating multiboard.

Please be sure to also respect the license of all things based on multiboard. This license also applies to all of the multiboard parts here, though it cannot be select on printables.

This remix is based on

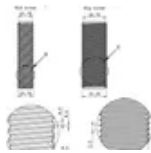**Snaps - STEP Multiboard Remixing Files - 3D model by Multiboard on Thangs**

Push-Fits - STEP Multiboard Remixing Files - 3D model by Multiboard on Thangs

Big Threads - STEP Multiboard Remixing Files - 3D model by Multiboard on Thangs

Mid Threads - STEP Multiboard Remixing Files - 3D model by Multiboard on Thangs

Multiboard screw/bolt STEP files for modeling and dimensions (documentation)

by David D

Multiconnect v2 - Modeling files

by David D

None

None

Multiboard

Model files

📂 **STL**   16 files

big-coin-slot-foldable.stl

big-coin-slot.stl

big-dot.stl

big-hex-6mm.stl

directional-snap.stl

mid-coin-slot-foldable.stl

mid-coin-slot.stl

mid-dot.stl

mid-hex-6mm.stl

push-fit-horizontal.stl

push-fit.stl

small-coin-slot-foldable.stl

small-coin-slot.stl

small-dot.stl

small-hex-6mm.stl

snap.stl

📁 **STEP & Shapr3D**　　　　　　　　　　17 files

big-coin-slot-foldable.step

big-coin-slot.step

big-dot.step

big-hex-6mm.step

directional-snap.step

mid-coin-slot-foldable.step

mid-coin-slot.step

mid-dot.step

mid-hex-6mm.step

push-fit-horizontal.step

push-fit.step

small-coin-slot-foldable.step

small-coin-slot.step

small-dot.step

small-hex-6mm.step

snap.step

multiboard-multiconnect-v2.shapr

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