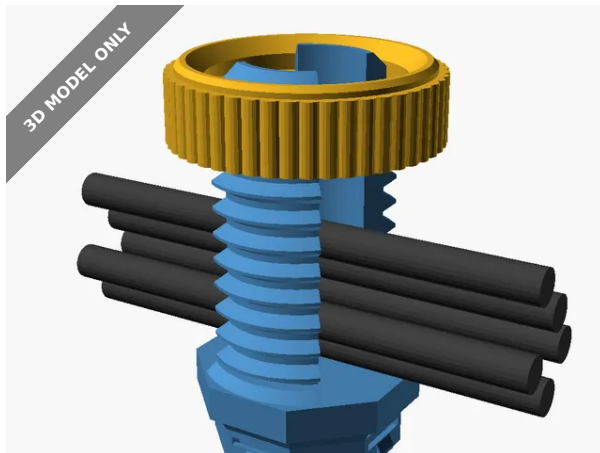




Cable Tie with Threads/Screw for multiboard



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Summary

Cable Tie with Threads/Screw for multiboard

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Under-Desk Cable Tie for Multiboard

A screw-lock cable holder that snaps into a Multiboard multihole. Ideal for routing cables under your desk.

How it works

The threaded pot has two opposite windows. Lay your cables straight through the pot, then screw the knurled nut down from the top. The nut ring closes both windows, so the cables can't slip out. You can open it again any time without tools.

Sizes

All sizes use just one Multiboard cell (25 × 25 mm) and one snap. They differ mainly in height, because cables stack up inside the pot.



Size	Cables	Post height
S	1-2	12 mm
M	~5	22 mm
L	up to ~10	36 mm

Thread Ø 22 mm, inner Ø 14 mm, usable channel width 10.7 mm.

The M and L nuts are identical. S has a slightly lower nut (8 mm).

Printing

No supports needed

Body: snap down on the bed, threaded post facing up

Nut: print flat; the thread is self-supporting

0.16 mm layers (0.12 mm for a cleaner thread), 3 walls, 20-25 % infill

PLA or PETG

Mounting

Push the snap into a multihole and turn it about 1/8 until it locks. Because the base is octagonal, you get 8 orientations in 45° steps.

Customize

The source is fully parametric (OpenSCAD + BOSL2). If the nut is too tight on your printer, increase `thread_slop`.

Source & STLs: <https://github.com/rbartl/multiboard-cable-tie-screw>

Credits

Built for Multiboard by Jonathan / Keep Making (MULTIBOARD LTD)

Snap geometry by Andy Levesque (MultiConnectOpenSCAD), credit to @David D (Multiconnect)

Mechanism inspired by Under-Desk Cable Tie for OpenGrid System. The geometry here is designed from scratch.

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Not an official Multiboard part, and not affiliated with or endorsed by MULTIBOARD LTD.

Tags: multiboard, cable management, cable tie, under desk, cable holder, MultiboardRemix

Model files



cable_tie_s_body.stl



cable_tie_m_body.stl



cable_tie_m_nut.stl



cable_tie_l_nut.stl



cable_tie_l_body.stl



cable_tie_s_nut.stl

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