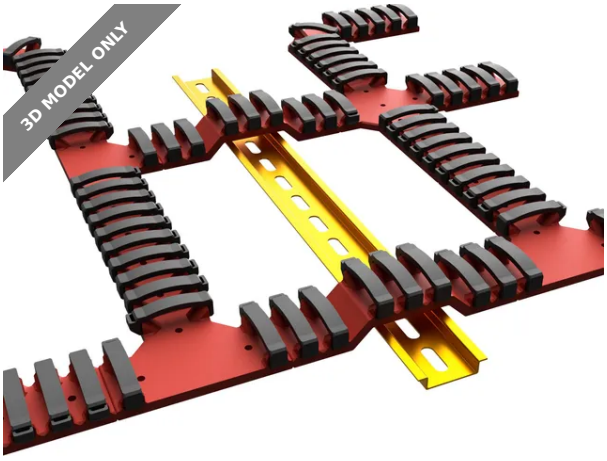


Cable Management Trays EcoSystem - Drak

Drak

VIEW IN BROWSER

updated 21. 9. 2026 | published 21. 9. 2026

Summary

Simple and Fast to Print Cable Managment System Cable Bend, Tee, Roundabout, Intersection and Din Bridges !

Learning > Engineering

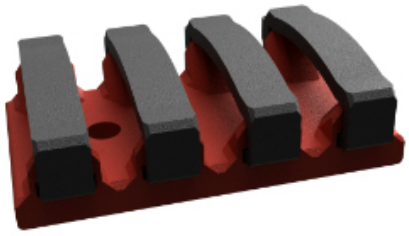
Tags: box organizer wall nut cable cables bridge plate assembly printer screws nuts clip mount diy fast turn engineering easytoprint wallmount power easy quickprint accessory bracket electronics tray screw cnc organization quick duct machine rail set step diyelectronics fastprint clips m4 wallmounted tape cablemanagement double rails insert wire mounting cableholder electronicsenclosure easyprint cad cableclip wireholder cableguide din bend cablechain cableorganizer dinrail voron managment stp stepfile cableorganization factorio

nohardware roundabout drak ratrig intersection doublesidedtape bambu vzbot bambulab

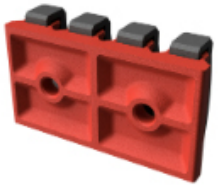
---

Cable Management EcoSystem
Convert your environment into Factorio!
Simple Clip to hold cables

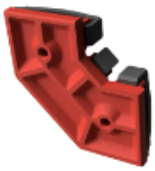
+6 diffrent styles of Trays!



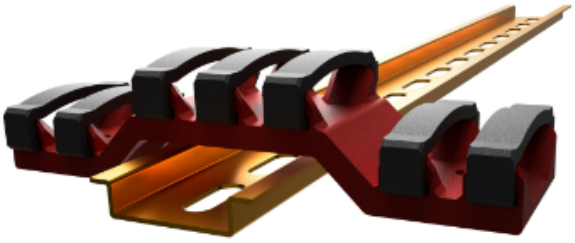
Basic Straight Tray



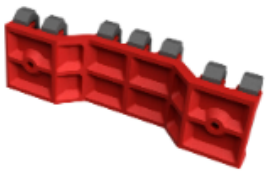
90° Curve Tray

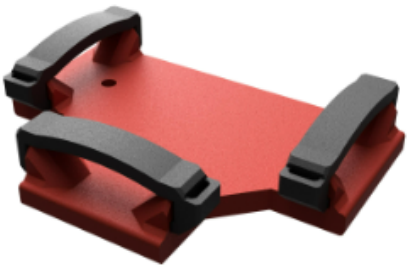


Btw to make "°" use L Alt + 0176 (Numpad)

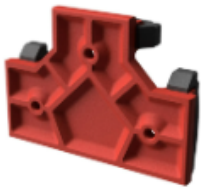


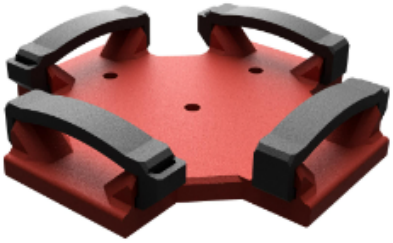
Din Bridge Tray



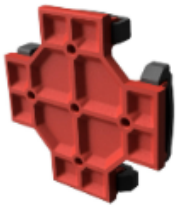


Tee Tray

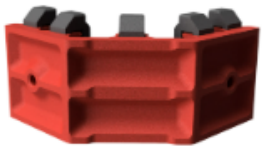




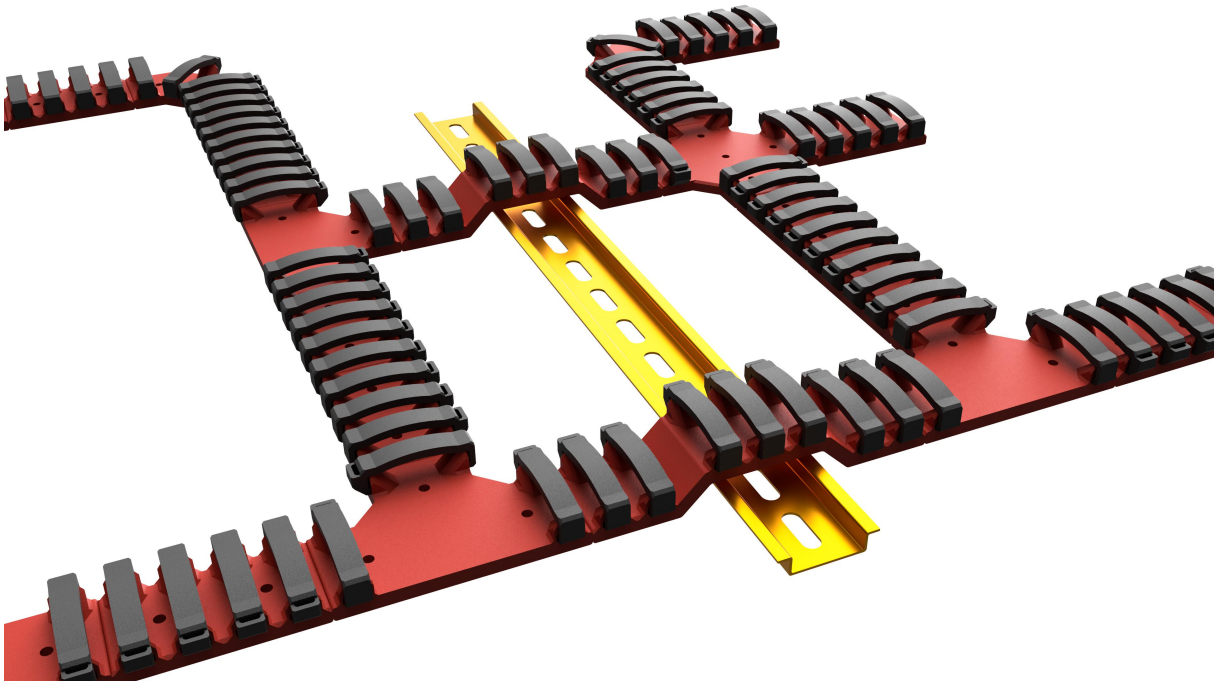
Roundabout Tray



L Shape Tray

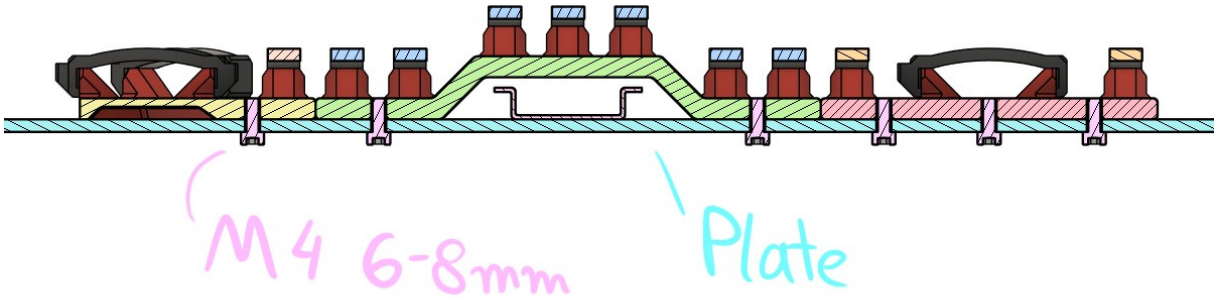


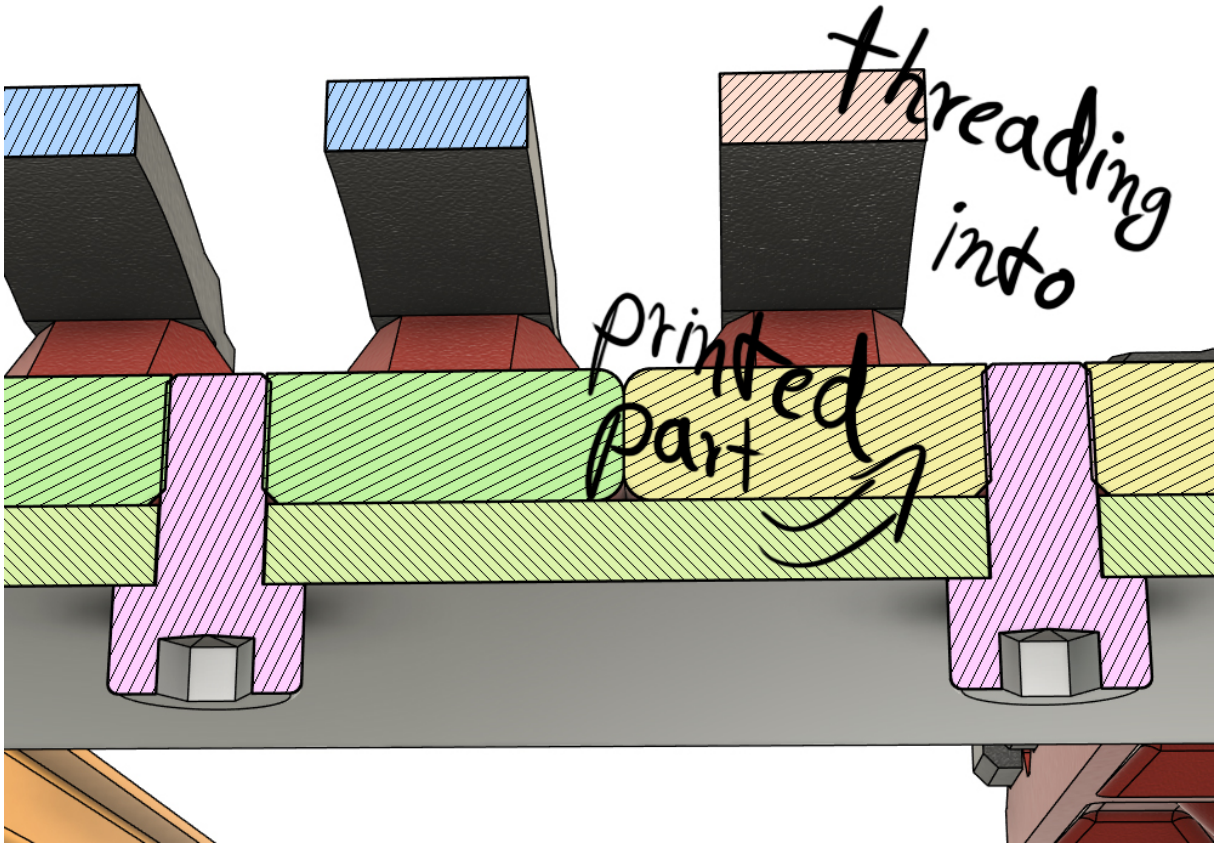
And few more in files ^^



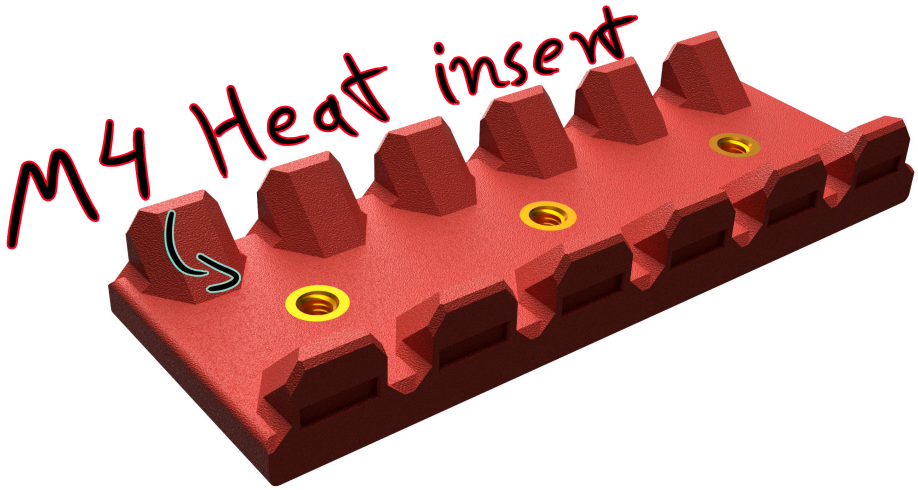
Simple mounting way!

- **Normal Head Cap Screw**

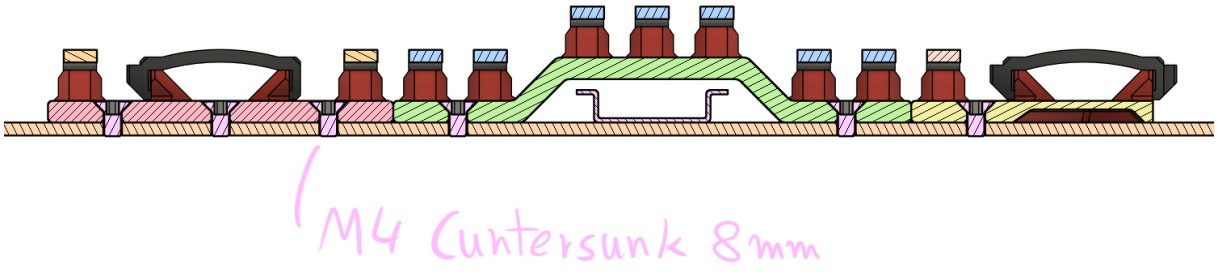


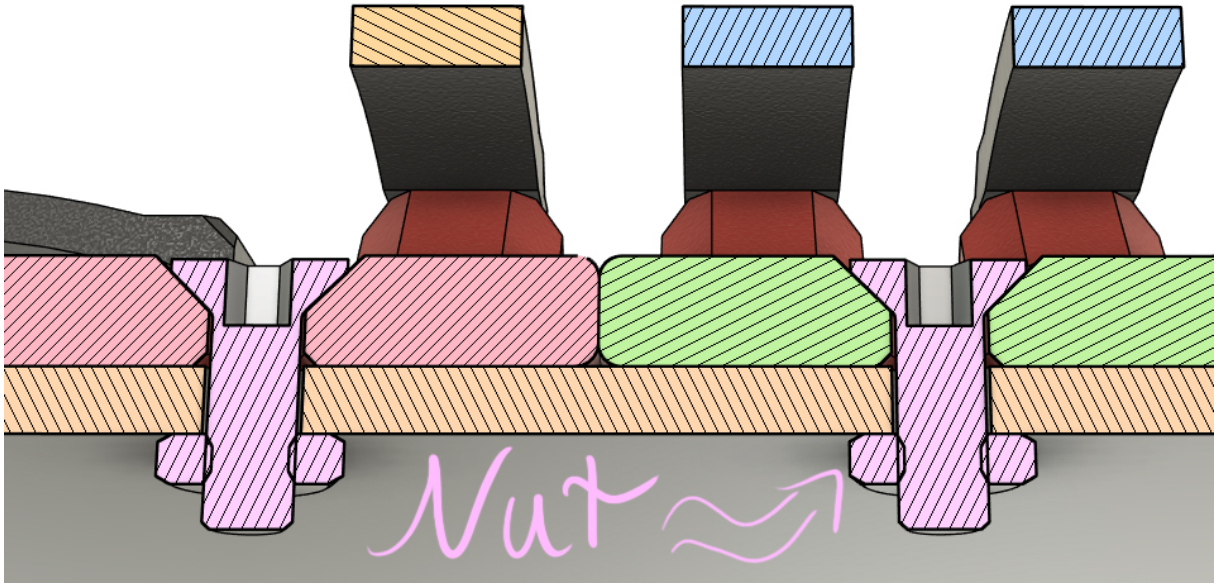


- **M4 Heat Insert (4-5mm)**



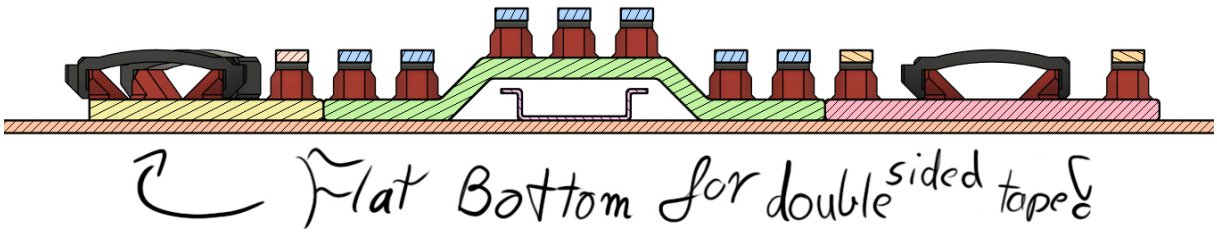
- **Countersunk Head Screw option**



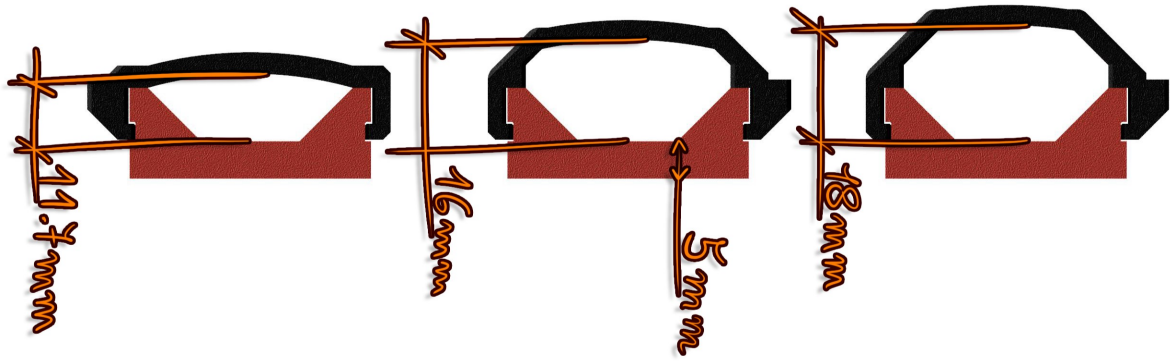


Nut Can be Used!
The screw have to be longer, to catch the nut :D

- **or simple Double Sided Tape**



3 Sizes of Wire Clip



All Step files are free to use (they are in ZIP file), for customization, remixing for yourself :D
Enjoy !

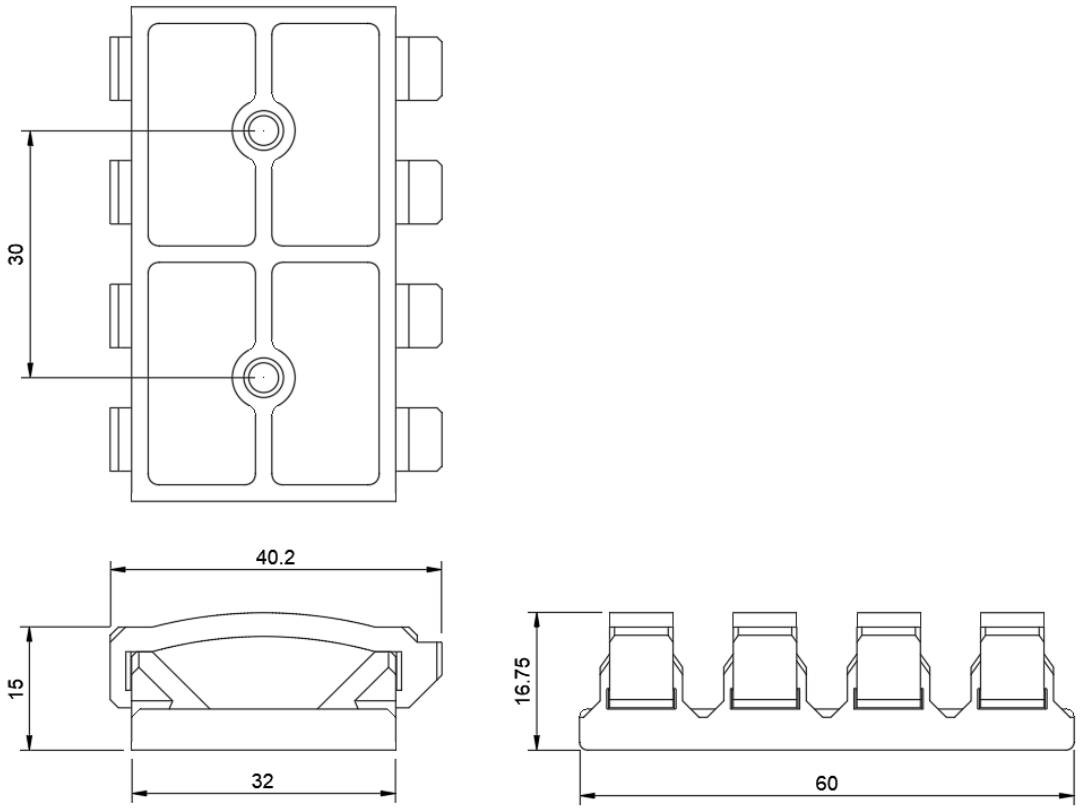
Ready print Profiles for Bambu Printers on MakerWorld, link Below:

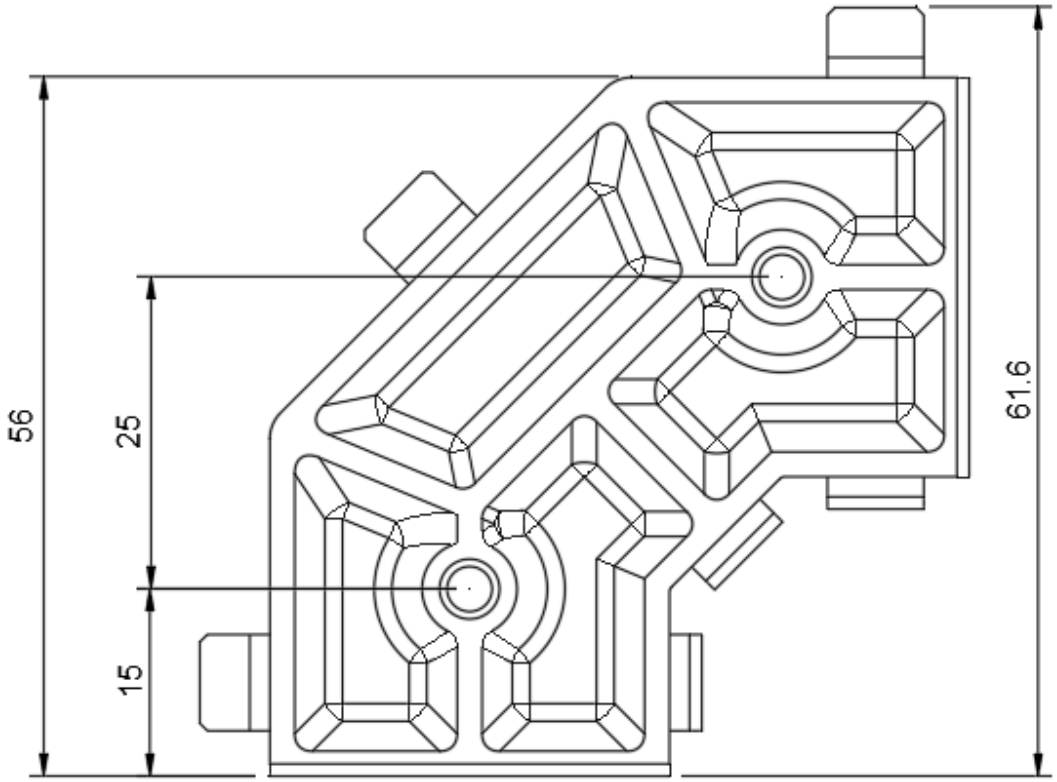
https://makerworld.com/en/models/674274#profileId-602286

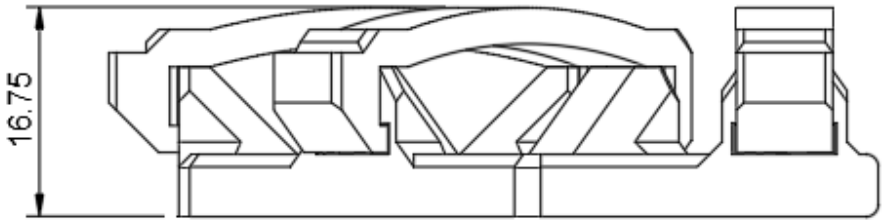
--- Commercial Use ---
If you want selling the prints, you can buy lifetime sale option by buying the project on Cults, link Below:
https://cults3d.com/en/3d-model/gadget/cable-management-trays-ecosystem

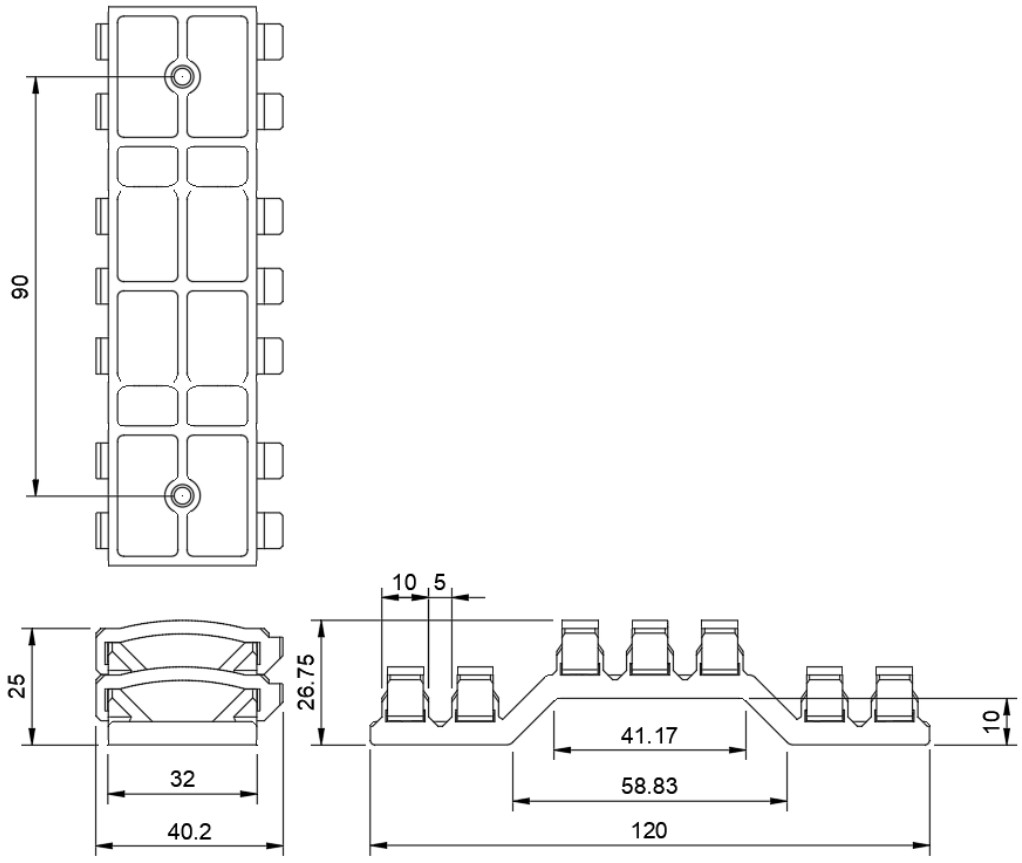
Consider SUPPORT MY WORK downloading the models from MakerWorld
This costs nothing, just little bit of time
https://makerworld.com/en/@Drak
There is also a option of Boosting the model On Makerworld, it gives me points as a revand :D
Every download counts!
I appreciate any help <3

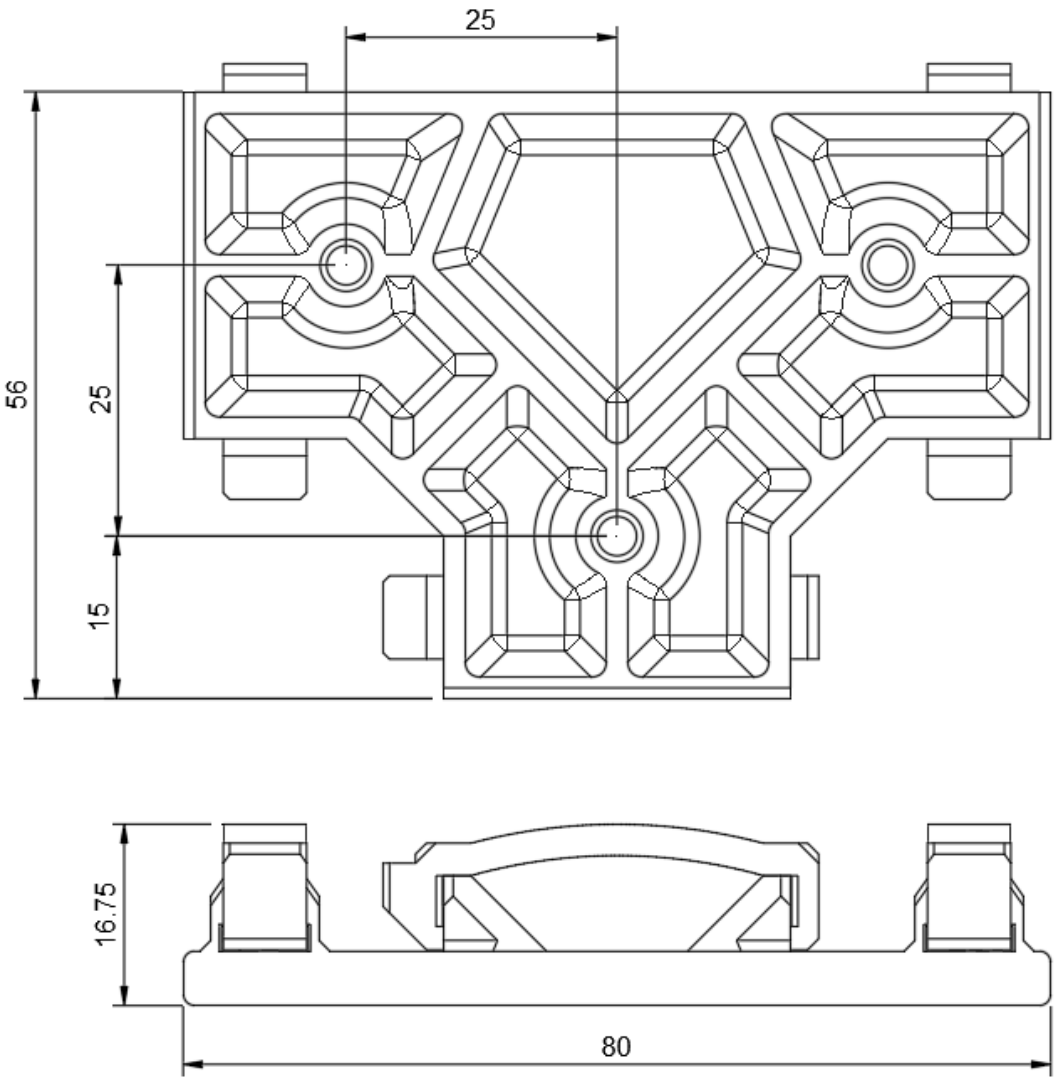
Technical Data

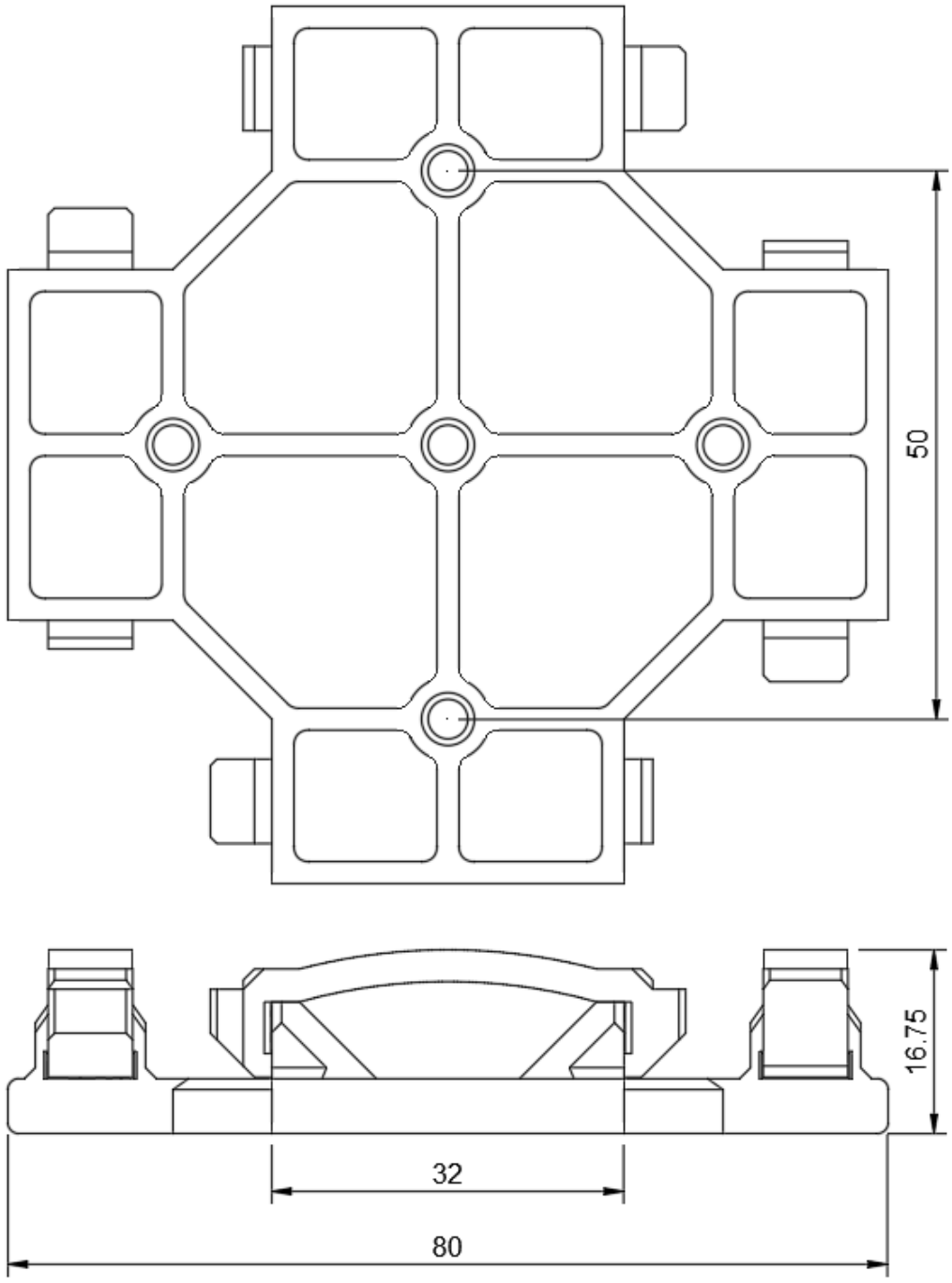

30
40.2
15
32
16.75
60

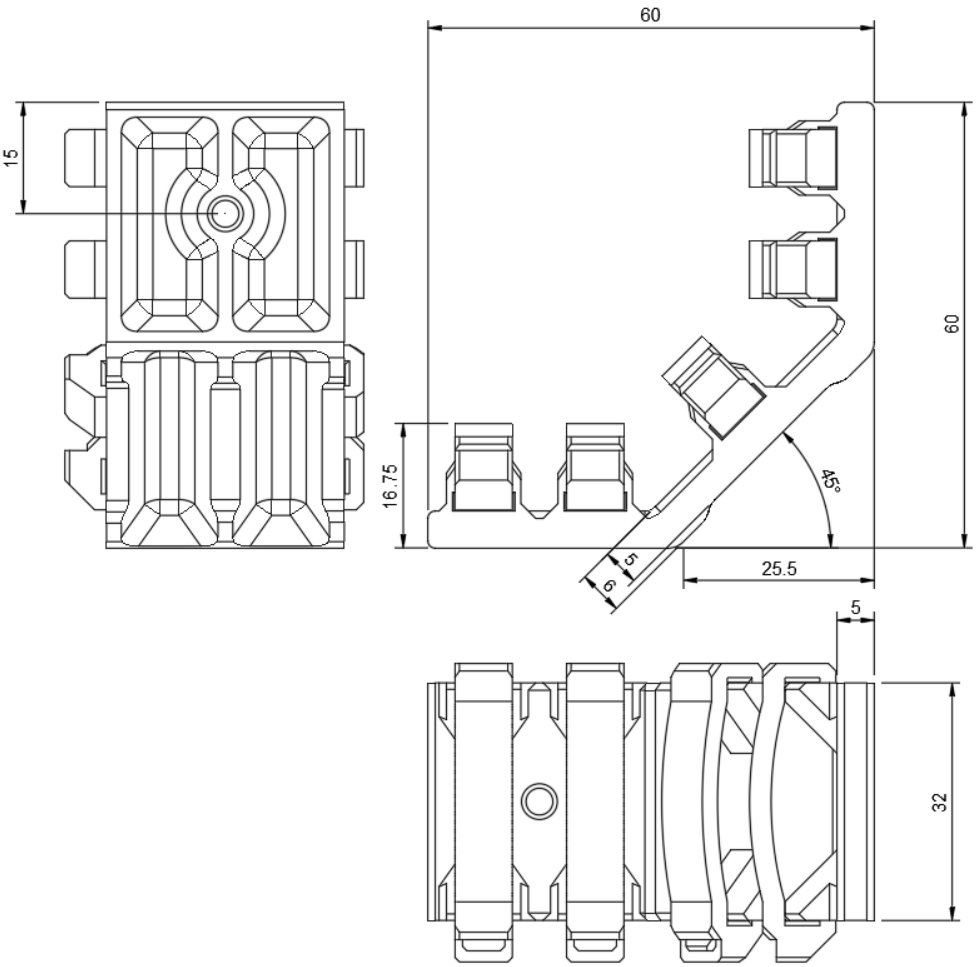

56
25
15
61.6


16.75


90
25
32
40.2
10
5
26.75
41.17
58.83
120
10


25
56
25
15
16.75
80


50
16.75
32
80



Changelog (day/month/year):
1.10.2024 - Flat Bottom Versions Added after suggestion of **.yell.** member from Cartographer Discord Server

:3

20.10.2024 - Taller Wire Clip Versions have been **Added** after feedback of **MakerMylo** on Makes
20.10.2024 - Longer Straight Trays and one Shorter have been **Added** after feedback of **Snehulak** on Makes
24.10.2024 - L Shape Tray have been **Added** after suggestion of **markant** on Makes to design that shape, used to for example run cables from the floor to the wall of an enclosure

30.10.2024 - 240mm Version Of Straight Tray have been **Added** after feedback of **Patrik Müller** on Makes

3d print Cable Management Tray

--- Commercial Use ---

By purchasing this design on Cults, you support my work and receive a commercial license to sell physical 3D prints of the model

Click **here** to purchase the design and get the commercial license (or just type "Drak3D" in Cults Search)

Ready print Profiles for Bambu Printers on MakerWorld, link Below:

https://makerworld.com/en/@Drak

Consider SUPPORT MY WORK downloading the models from MakerWorld

This costs nothing, just little bit of time
https://makerworld.com/en/@Drak
There is also a option of Boosting the model On Makerworld, it gives me points as a revand :D
Every download counts!
I appreciate any help <3

Model files

Wire Clips 6 files

wire-clip-low-profile-117mm.stl

wire-clip-low-profile-16mm.stl

wire-clip-low-profile-18mm.stl

wire-clip-low-profile-117mm.step

wire-clip-low-profile-16mm.step

wire-clip-low-profile-18mm.step

Straight_Cable_Guide 4 files

straight_cable_guide.stl

straight_cable_guide-heat_insert.stl

straight_cable_guide-countersunk-screw.stl

straight_cable_guide-dual-tape-flat-bottom.stl

Curve_Cable_Guide 4 files

curve_cable_guide.stl

curve_cable_guide-heatinsert.stl

curve_cable_guide-countersunk-screw.stl

curve_cable_guide-dual-tape-flat-bottom.stl

Bridge_Cable_Guide 4 files

bridge_cable_guide.stl

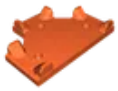
bridge_cable_guide-heat_insert.stl

bridge_cable_guide-countersunk-screw.stl

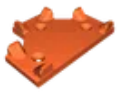
bridge_cable_guide-dual-tape-flat-bottom.stl

Tee_Cable_Guide 4 files

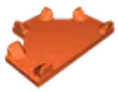
tee_cable_guide.stl



tee_cable_guide-heatinsert.stl



tee_cable_guide-countersunk-screw.stl



tee_cable_guide-dual-tape-flat-bottom.stl

Roundabout_Cable_Guide

4 files

roundabout_cable_guide.stl

roundabout-_cable_guideheatinsert.stl

roundabout_cable_guide-countersunk-screw.stl

roundabout_cable_guide-dual-tape-flat-bottom.stl

L_Shape_Cable_Guide

5 files

l_shape_cable_guide.stl

l_shape_cable_guide-heatinsert.stl

l_shape_cable_guide-countersunk-screw.stl

l_shape_cable_guide-dual-tape-flat-bottom.stl

l_shape_cable_guide_assembly.step

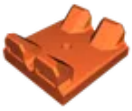
Straight_Cable_Guide_Shorted (30mm) 5 files

straight_shorted-30mm.stl

straight_shorted-30mm-heat_insert.stl

straight_shorted-30mm-countersunk-screw.stl

straight_shorted-30mm-dual-tape-flat-bottom.stl



straight_shorted-30mm.step

Straight_Cable_Guide_Extended (90mm) 5 files

straight_extended-90mm.stl

straight_extended-90mm-heat-insert.stl

straight_extended-90mm-countersunk-screw.stl

straight_extended-90mm-dual-tape-flat-bottom.stl

straight_extended-90mm.step

Straight_Cable_Guide_Extended (120mm) 5 files

straight_extended-120mm.stl

straight_extended-120mm-heat-insert.stl

straight_extended-120mm-countersunk-screw.stl

straight_extended-120mm-dual-tape-flat-bottom.stl

straight_extended-120mm.step

Straight_Cable_Guide_Extended (240mm) 5 files

straight_extended-240mm.stl

straight_extended-240mm-heat-insert.stl

straight_extended-240mm-countersunk-screw.stl

straight_extended-240mm-dual-tape-flat-bottom.stl

straight_extended-240mm.step

Other files

all-in-one.zip

License

This work is licensed under a
Creative Commons (4.0 International License)

Attribution—Noncommercial—Share Alike

✖ | Sharing without ATTRIBUTION
✔ | Remix Culture allowed
✖ | Commercial Use
✖ | Free Cultural Works
✖ | Meets Open Definition