



Gridfinity Baseplate for Arko Mills drawer organizers



dereksrose

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Summary

A 1x3 Gridfinity baseplate to fit the drawers of a classic Arko Mills organizer (20-445 drawer).



0.87 hrs



1 pcs



0.30 mm



0.60 mm



PLA



21 g



Prusa
MK3/S/S+

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I've gotten these classic drawer organizers second hand. They're were made by Arko Mils and there's a decent amount of them in the resale market. They're nice, semi-portable parts holders but they've proven to be slightly a bit too big for many small (in size and quantity) screws and nuts that I'd like to store in them.

After trying a couple ways to subdivide the drawers, I've decided to throw some [Gridfinity](#) at it and see how it goes. The 20-445 drawers can support a 1x3 base and can support a height of 3. This is perfect for three 1x1 label bins, that can then lift cleanly out of the drawer to go to the workbench with me.

Its not a clean fit, however. There's about 10mm left on the side and 20mm left on one end. Just enough room to not be very useful for anything. If you're just a bit of a masochist and want to use that space for small parts I added divider walls. This way nothing will spill into the baseplate if you lift containers out. I recommend placing the 20mm end gap at the back of the drawer make it easier to lift the back bin out while the drawers are still in the case.

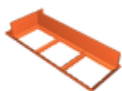
Special Note: The drawers this is built for is an older model product that doesn't seems to be used these days. This model is specifically sized for the “20-445” drawers and probably won't fit in others. All my drawers have the test “20-445” debossed on their bottom.

Print Settings:

- Layer height: Any. 0.3mm pictured
- Infill: 10% support cubic (just enough to support the top layers)
- Supports: None

Model files

drawer-baseplate.stl



Print files



gridfinity_drawer_baseplate_06n_03mm_pla_mk3s_52m.gcode

🌀 PLA 📏 0.60 mm 📐 0.30 mm ⌚ 0.87 hrs ⚖️ 21 g 🖨️ Prusa MK3/S/S+

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