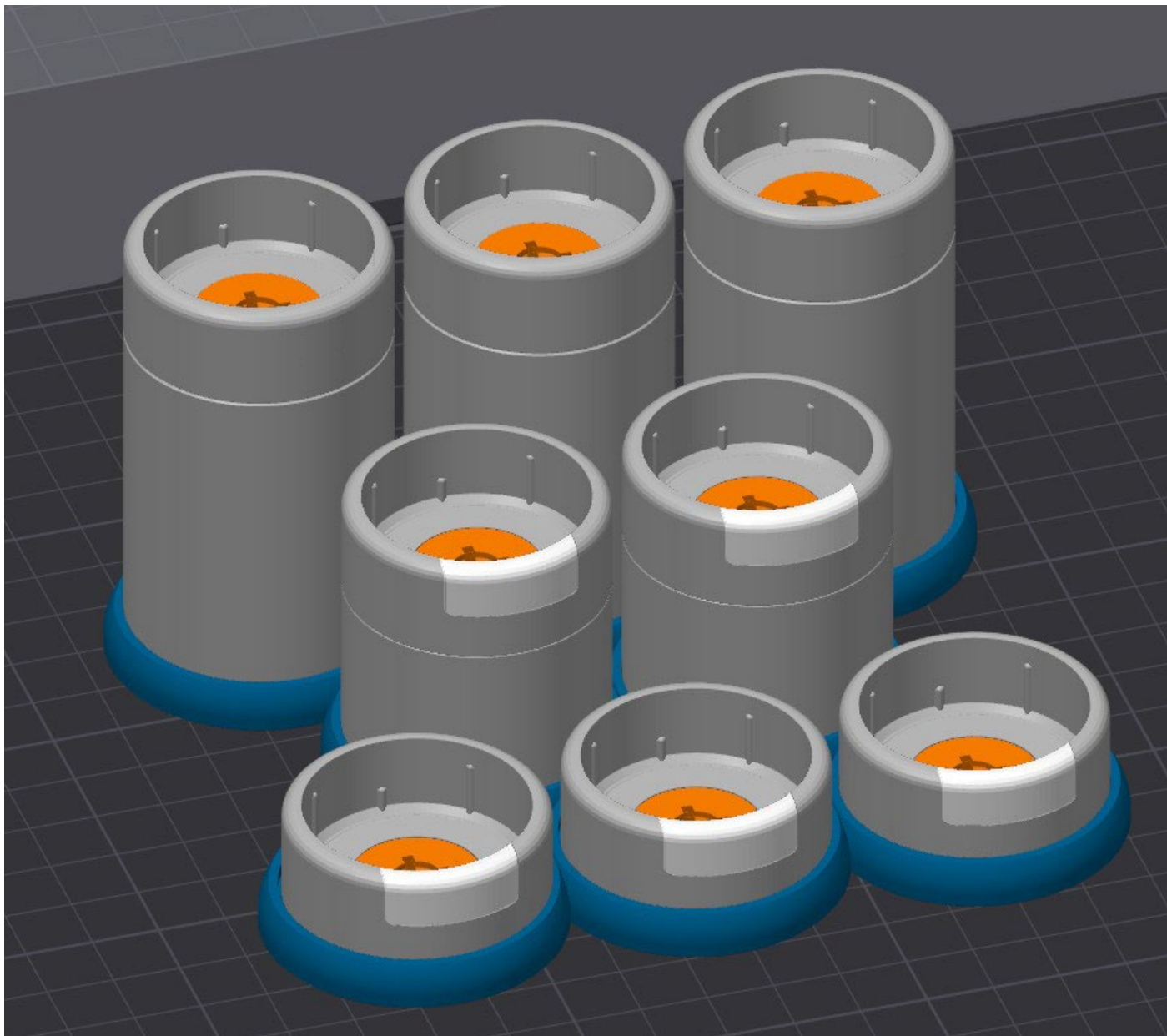


Desktop Paint Caddy

Modular desktop paint organisation system

Compatible with Citadel paint pots



LINKS

Store: [MyMiniFactory Store](#)

Website: [PrintableMini.tools](#)

YouTube Channel: [PrintableMini.tools](#)

YouTube Playlist: [Paint Caddy Tutorials](#)

Instructions & Quick Start Guide

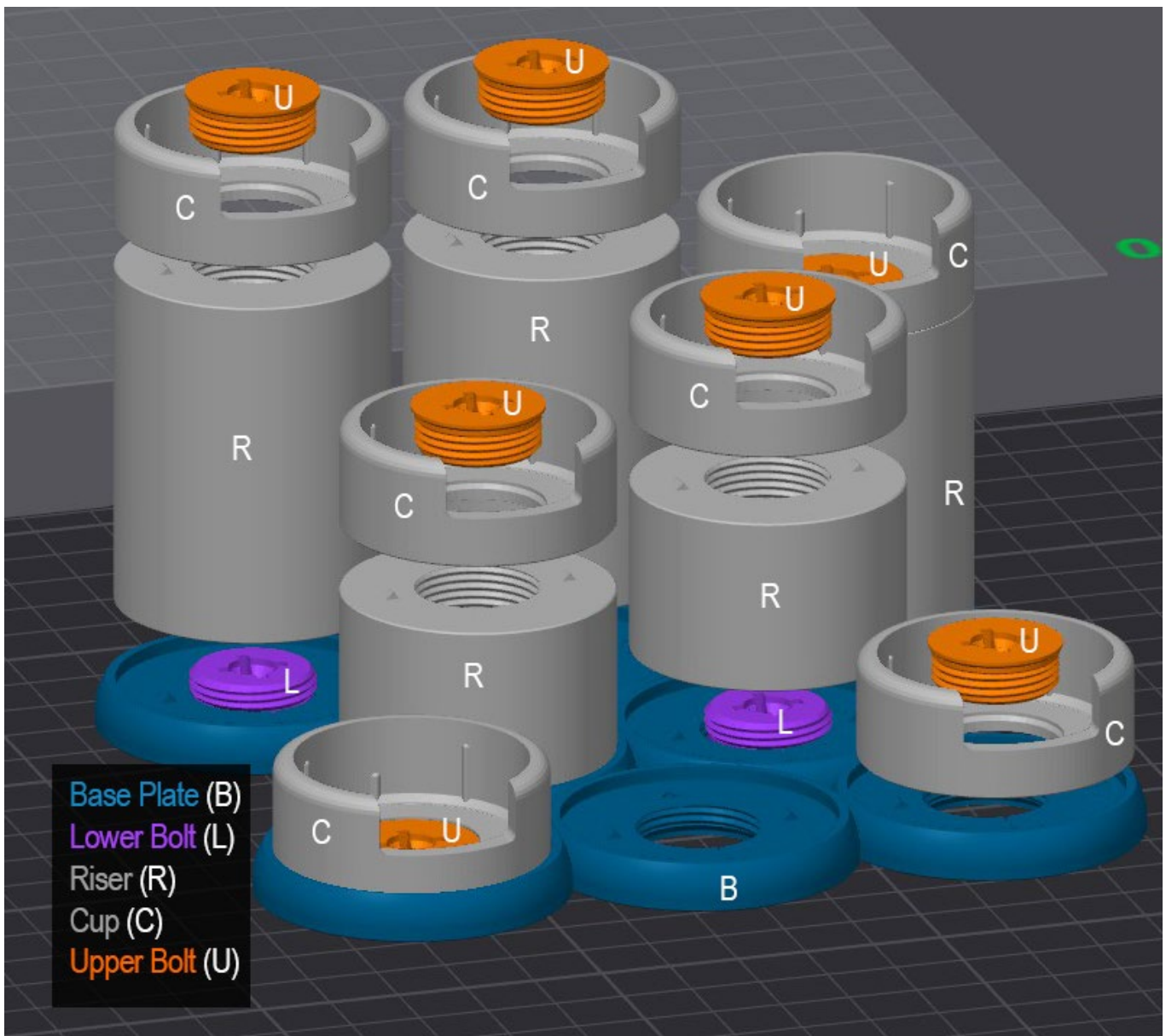
The Desktop Paint Caddy is a modular paint organisation system for flip-top paint pots, holding them securely while open or closed.

House your paint collection completely and freely reconfigure or extend your set-up at any time.

The Core System

The Paint Caddy system builds upward from five core parts:

- Base Plate (B)
- Lower Bolt (L)
- Riser (R)
- Cup (C)
- Upper Bolt (U)



RECOMMENDED PRINT SETTINGS

Supports

No supports required.

Materials

PLA, PLA+ and PETG all work well. PLA+ has been used in all our example images.

Layer Height

Unless otherwise stated, a **0.16mm** layer height is recommended. Most components have threads and 0.16mm improves thread quality.

Wall Loops

The **Cups (C)** and **Base Plates (B)** print best with **3 Wall Loops**, found under **Strength settings**.

Ironing

For a better finish select **Iron Topmost Surfaces** on **Cups (C)** and **Base Plates (B)**.

Infill

Standard 15% all parts. The exception is **Risers (R)**, these can be printed at 8%. Gyroid pattern recommended.

Wall Generator

The **Arachne** setting gave a slightly better finish to **Cups (C)**, the **Classic** setting was used on all other parts.

Seams

To reduce seams on cylindrical parts, **Cups (C)** and **Risers (R)**, try using the **Scarf Settings** below. These settings are found under **Quality settings/Seam**, or you can assign them to specific filaments in **Filament settings**.

Mirroring and Scaling

No not mirror or scale any parts with threads. Bridges and Cups can be mirrored.

Override filament scarf seam setting	<input checked="" type="checkbox"/>
Scarf seam type	Contour
Scarf start height	10% mm/%
Scarf slope gap	2 mm/%
Scarf length	8 mm

BASE PLATES & ARRAYS

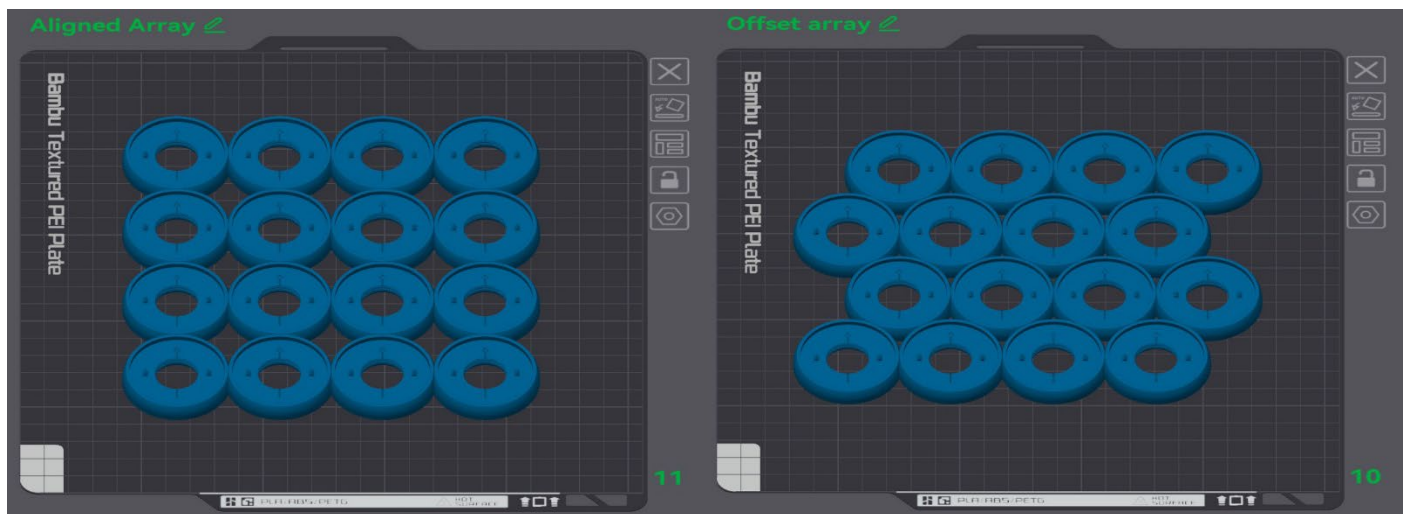
The foundation of the system. Base Plates are formed from rows of Base objects.

Several ready-made layouts are included and can be used as supplied or adjusted directly on the build plate.

For bespoke layouts, use the supplied Base Plate Arrays within your slicer software. Arrays range from small layouts up to 64 Base objects.

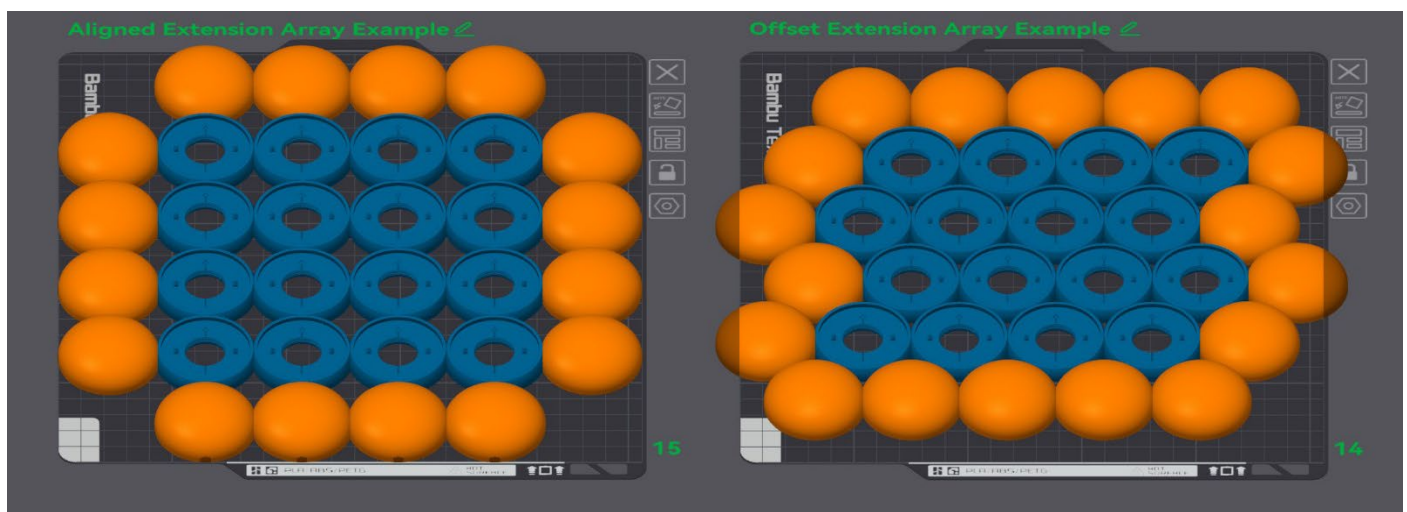
Two array types are included:

- Aligned Rows
- Offset Rows



BASE PLATE EXTENSION ARRAYS

Extension Arrays allow Base Plates to extend beyond the limits of your printer's build plate. Dome-shaped cutters within the files create seamless connections between adjoining Base Plates, allowing the Paint Caddy footprint to expand to any size.



A short tutorial covering this process can be found below:

MMF Tutorial: [Short guide to creating and extending a Paint Caddy](#)

YouTube: [Desktop Paint Caddy – Tutorials & Guides](#)

EXTENDING THE CADDY

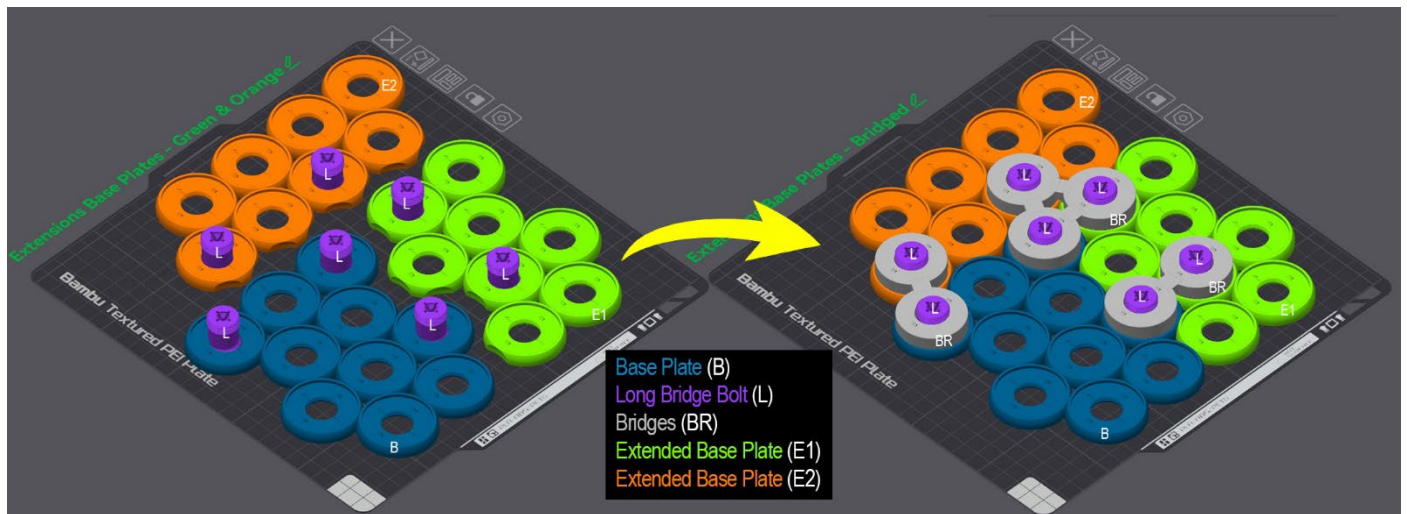
The Paint Caddy system can extend beyond the limits of your printer's build plate.

Base Plate **Extension Bridges** connect separate Base Plates together securely without glue. Non-threaded, Extension Bridges drop into position on the Base Plate.

The Lower Bolts used on Bridge connections are longer versions of the standard Lower Bolt, allowing Risers to be installed above the Bridge so assembly can continue as normal.

Any Bolt with a countersunk head can also be used to screw the Caddy directly to a workbench if required.

Extension Bridges are 10mm high, therefore Risers mounted above them should be 10mm shorter than neighbouring Risers within the same row to maintain a level Cup height.



CUP TYPES

Three Cup styles are included:

Swatch Cup

Designed to accept a removable Swatch part for quick and unmistakable paint identification.

Print Swatches at lower layer heights for smoother results. White filament is recommended.

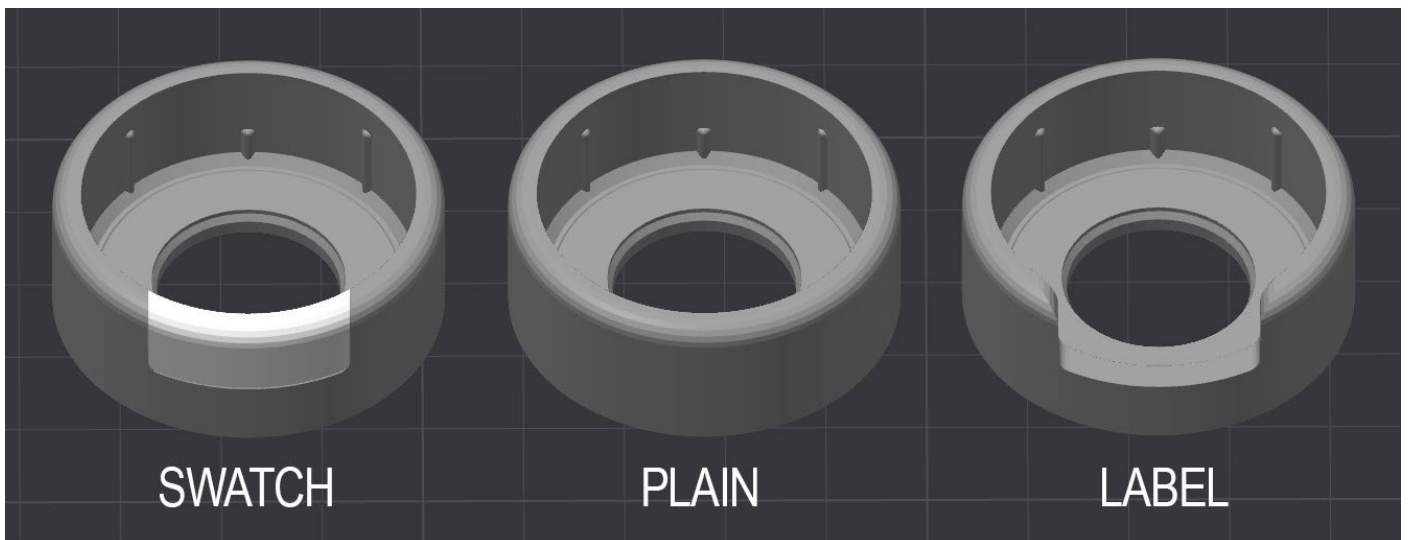
For contrast paints, applying a mild level of fuzzy skin adds texture to the Swatch, enhancing the contrast finish.

Plain Cup

Continuous rim design.

Label Reveal Cup

Front cut-out exposing more of the original paint label. Slightly curved edge compared to the swatch cut-out.



RISERS

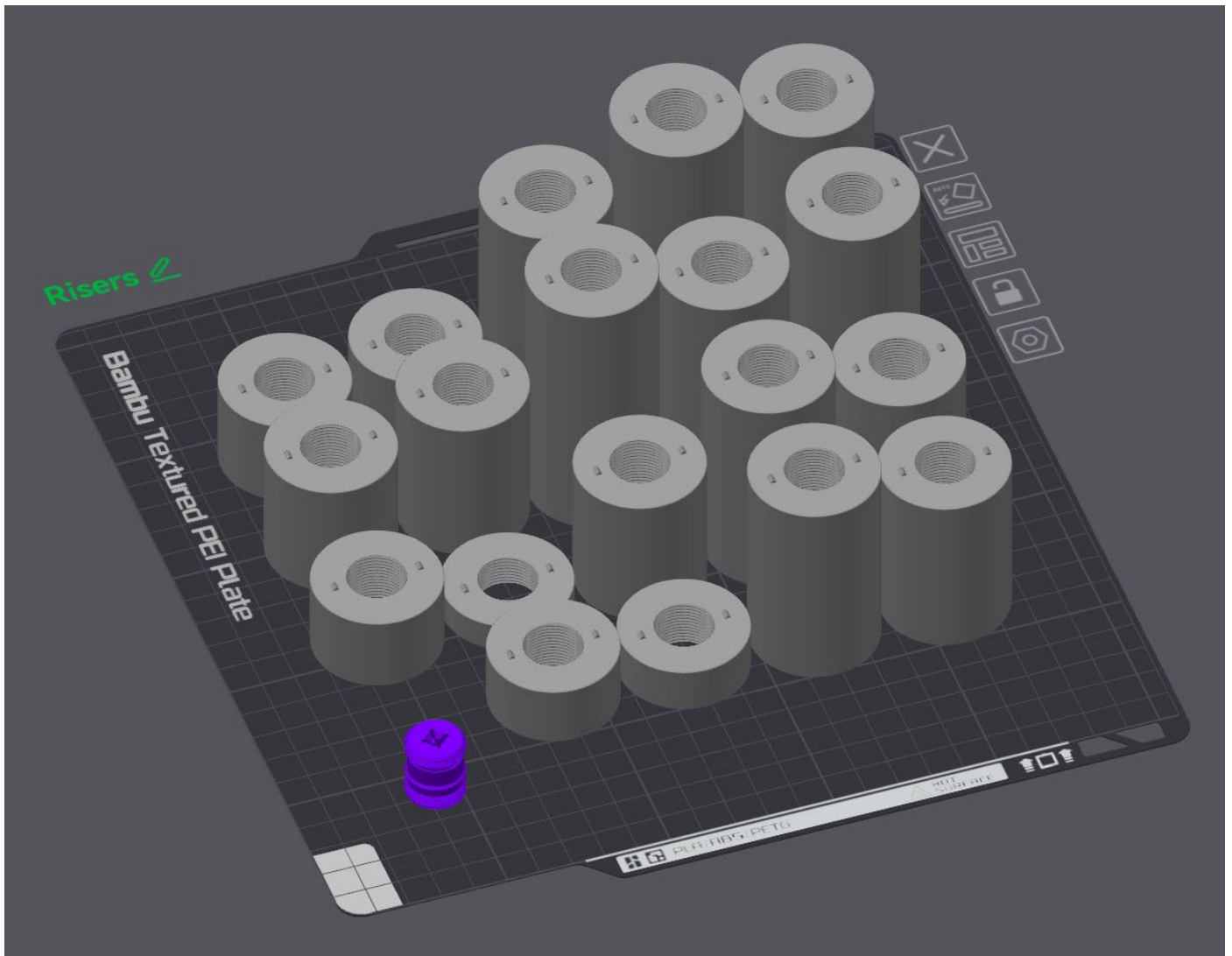
Create stepped layouts that keep paints visible and easy to access.

Risers are included from 10mm to 100mm in 5mm increments. Threaded throughout their length, each is keyed top and bottom. The Lower Bolt secures the Riser to the Base Plate while the Upper Bolt secures the Cup above.

Lower Bolts can also be accessed through the centre of the Riser, allowing the caddy to be assembled from above.

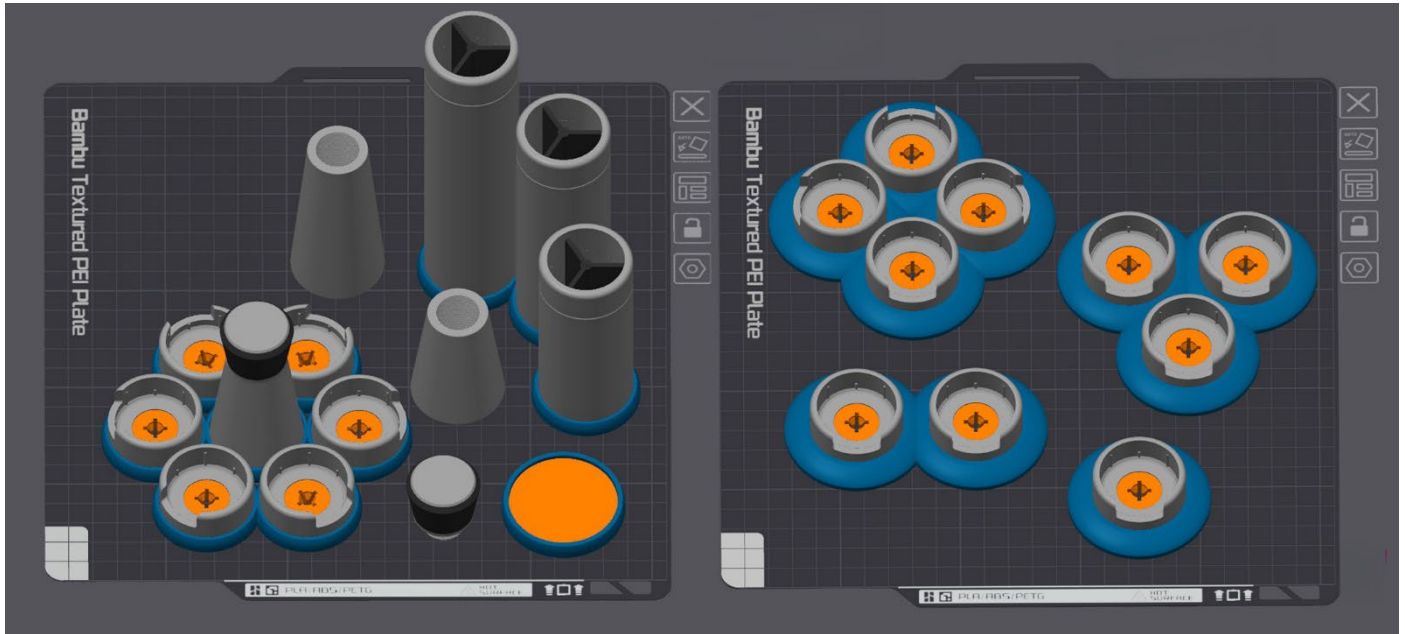
A special connecting bolt is also included should you wish to join two Risers together.

See Print Settings for recommended Riser print settings. Risers also benefit from using Scarf Seams.



ACCESSORIES

Brush Holders, Handles, Extra Wide Anti-Spill Bases, Magnetic Paint Handle Dock, Carousel Bases

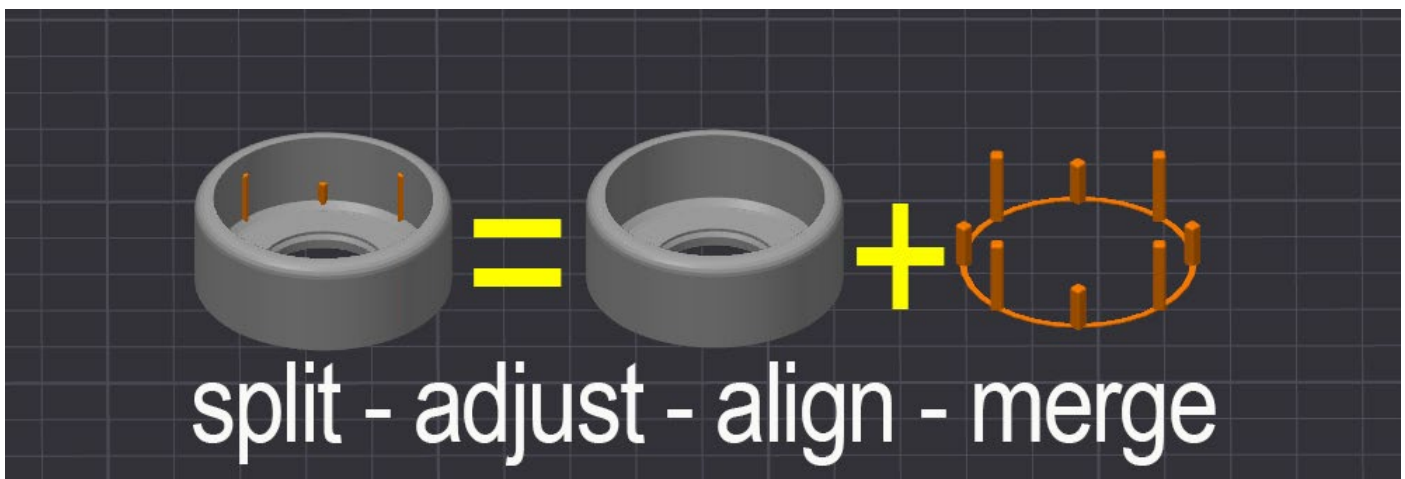


OPTIONAL FEATURE – Adjusting the Cup Grip

The default Cup fit is designed to comfortably fit all standard Citadel pot sizes.

If required, the internal Grip Cage within a Cup can also be adjusted for a firm fit. When combined with an Anti-Spill Base, this can create a very secure holder for Nuln Oil and other shades. Cages can be loosened too.

A short video showing this process can be found here: YouTube [Desktop Paint Caddy – Tutorials & Guides](#)



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