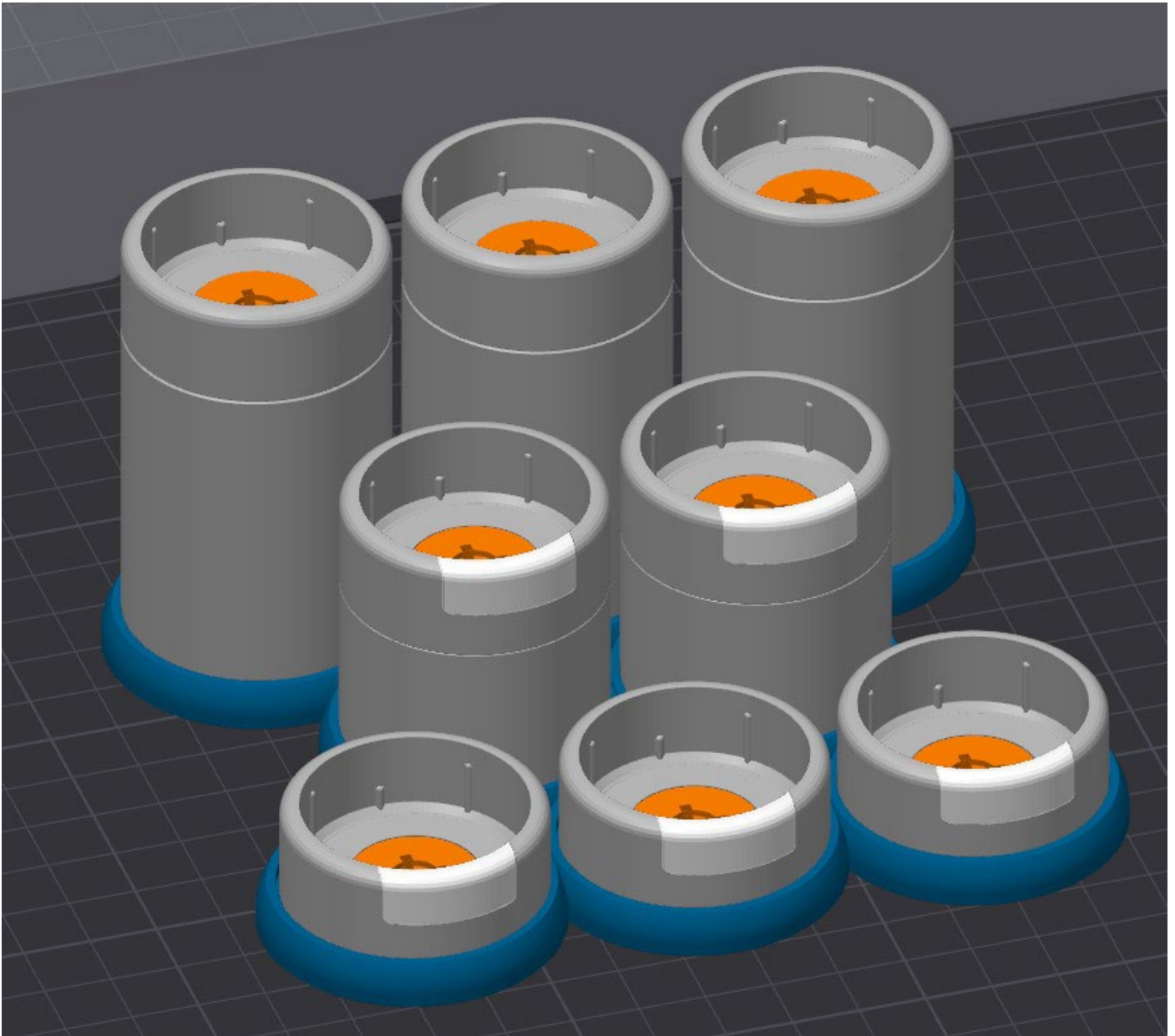


Paint Caddy

The Paint Caddy is a modular organisation system for miniature paints, keeping bottles and pots organised, visible and easy to access.

This is a general guide for the Paint Caddy system. Different Caddy versions are available for different paint container sizes, and your download will be for one of those versions.

Assembly is the same across the range unless stated otherwise. Where a specific Caddy version has different parts, fit details or compatibility notes, these will be highlighted in the relevant section.



LINKS

Store: [MyMiniFactory Store](#)

Website: [PrintableMini.tools](#)

YouTube Channel: [PrintableMini.tools](#)

YouTube Playlist: [Paint Caddy Tutorials](#)

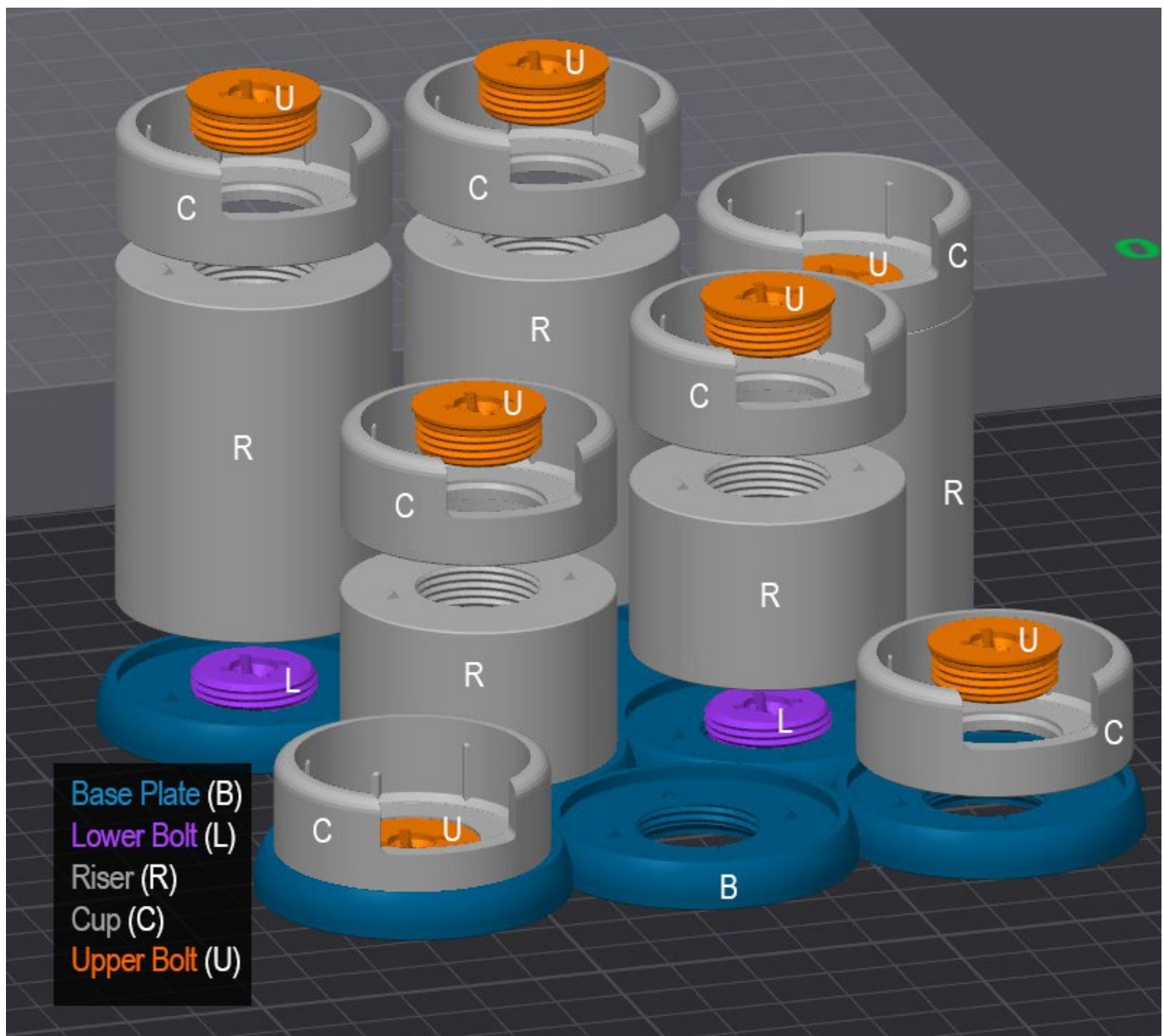
Instructions & Quick Start Guide

Use the core parts - Base Plates, Risers, Cups and Bolts - to build your chosen layout. Base Plates can be extended to any size using Bridges, which is explained in the **Extending Caddy** section later in the guide.

The Core System

All versions of 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**.

Override filament scarf seam setting	☒
Scarf seam type	Contour
Scarf start height	10% mm/%
Scarf slope gap	2 mm/%
Scarf length	8 mm

Mirroring and Scaling

Do not mirror or scale any parts with threads. Bridges and Cups can be mirrored.

BASE PLATES & ARRAYS

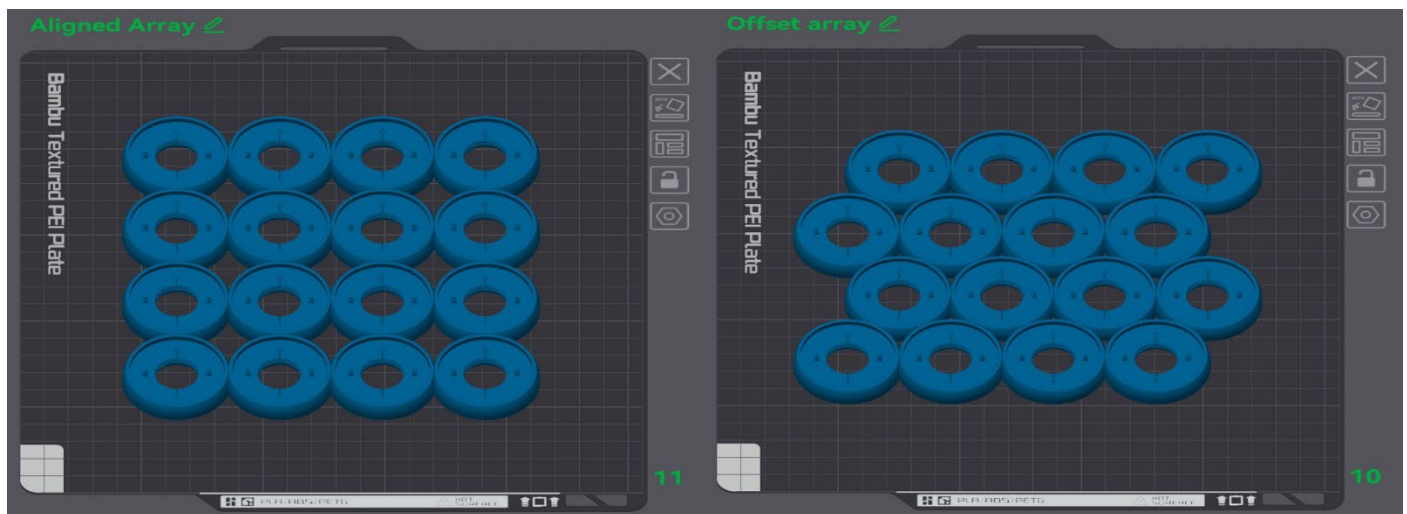
The foundation of the system. Base Plates are formed from rows of Base objects.

Several ready-made layouts are included and can be used as supplied or adjusted 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.

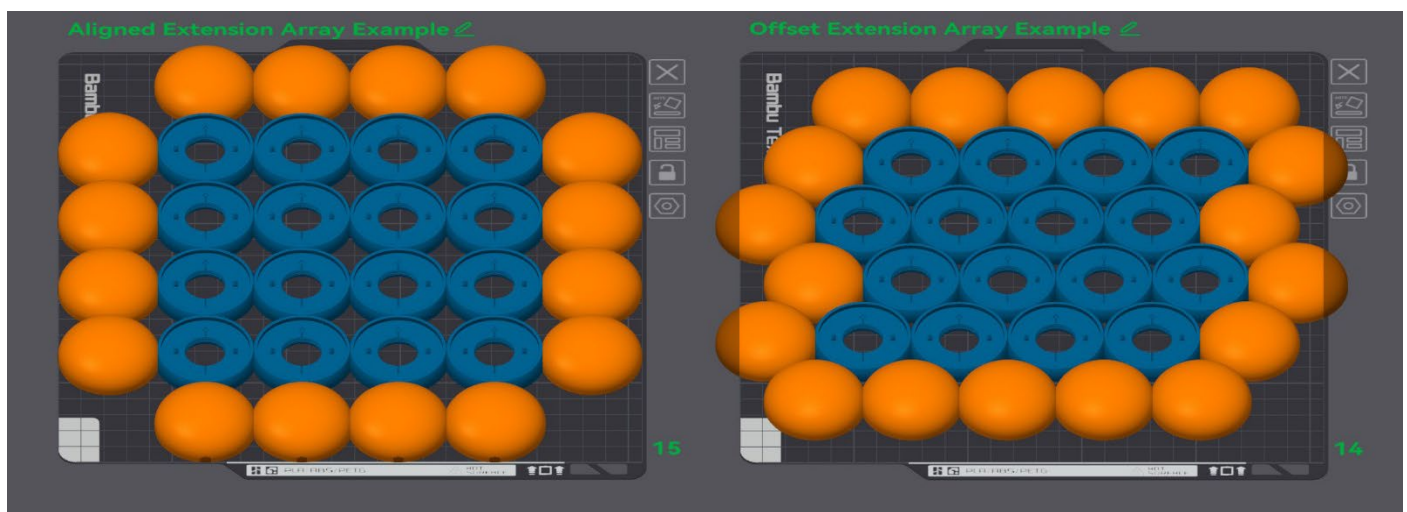
Two array types are included:

- 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

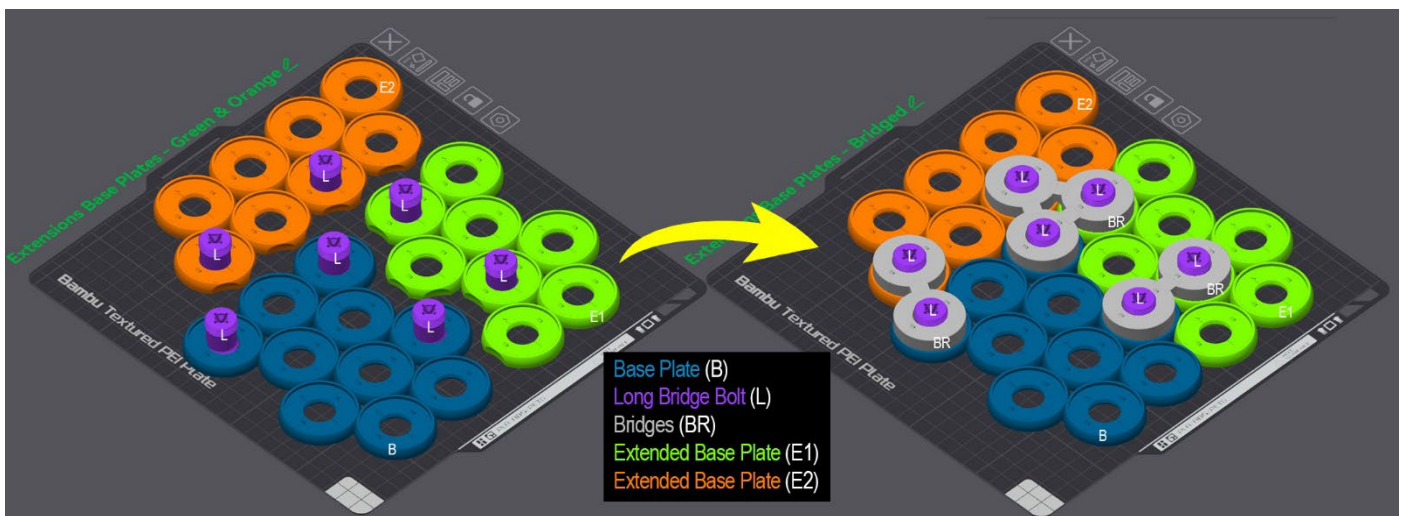
The Paint Caddy system can extend beyond the limits of your printer's build plate.

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.

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

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



CUP TYPES

Three Cup styles are included with each Paint Caddy version:

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.

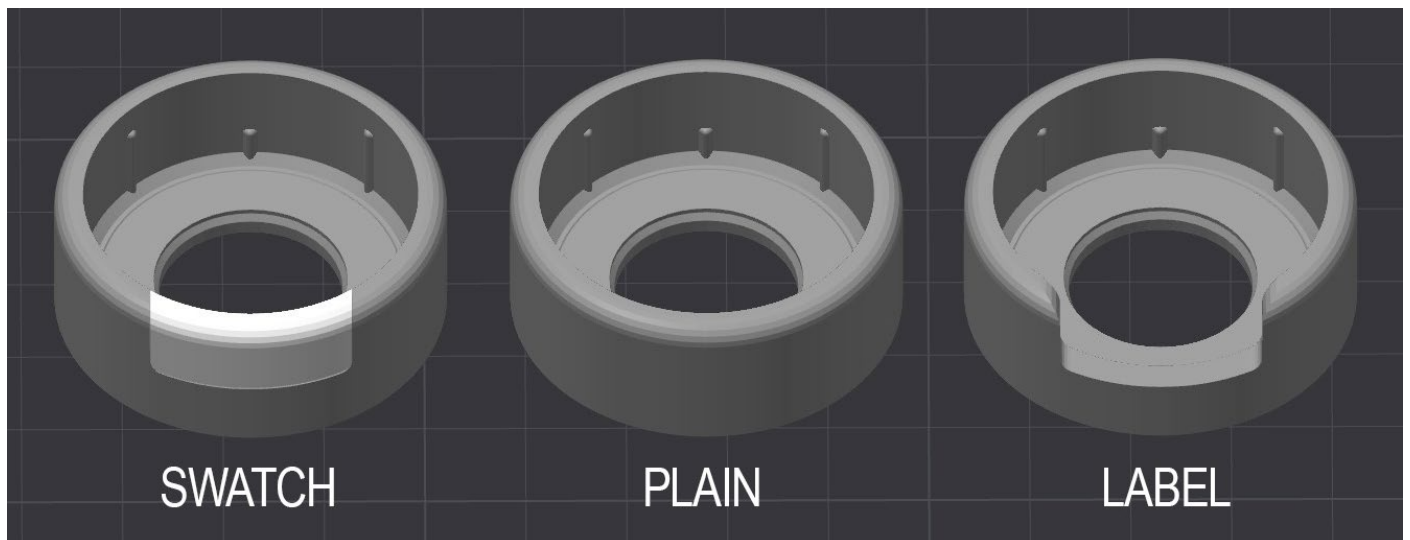
For contrast paints, applying a mild level of fuzzy skin adds texture to the Swatch, enhancing the contrast finish.

Plain Cup

Continuous rim design.

Label Reveal Cup

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



Adjustable Cup Size

All Cups include an internal Bottle Cage. The default cage size is set to a loose fit for normal use, but the Bottle Cage can be adjusted on the build plate if a firmer or looser fit is required.

This is especially useful with the dropper bottle version of the Caddy because bottle diameters do vary between paint ranges.

Details for adjusting the Bottle Cage appear later in this guide.

A short how-to video can also be watched on YouTube: [Desktop Paint Caddy – Tutorials & Guides](#)

RISERS

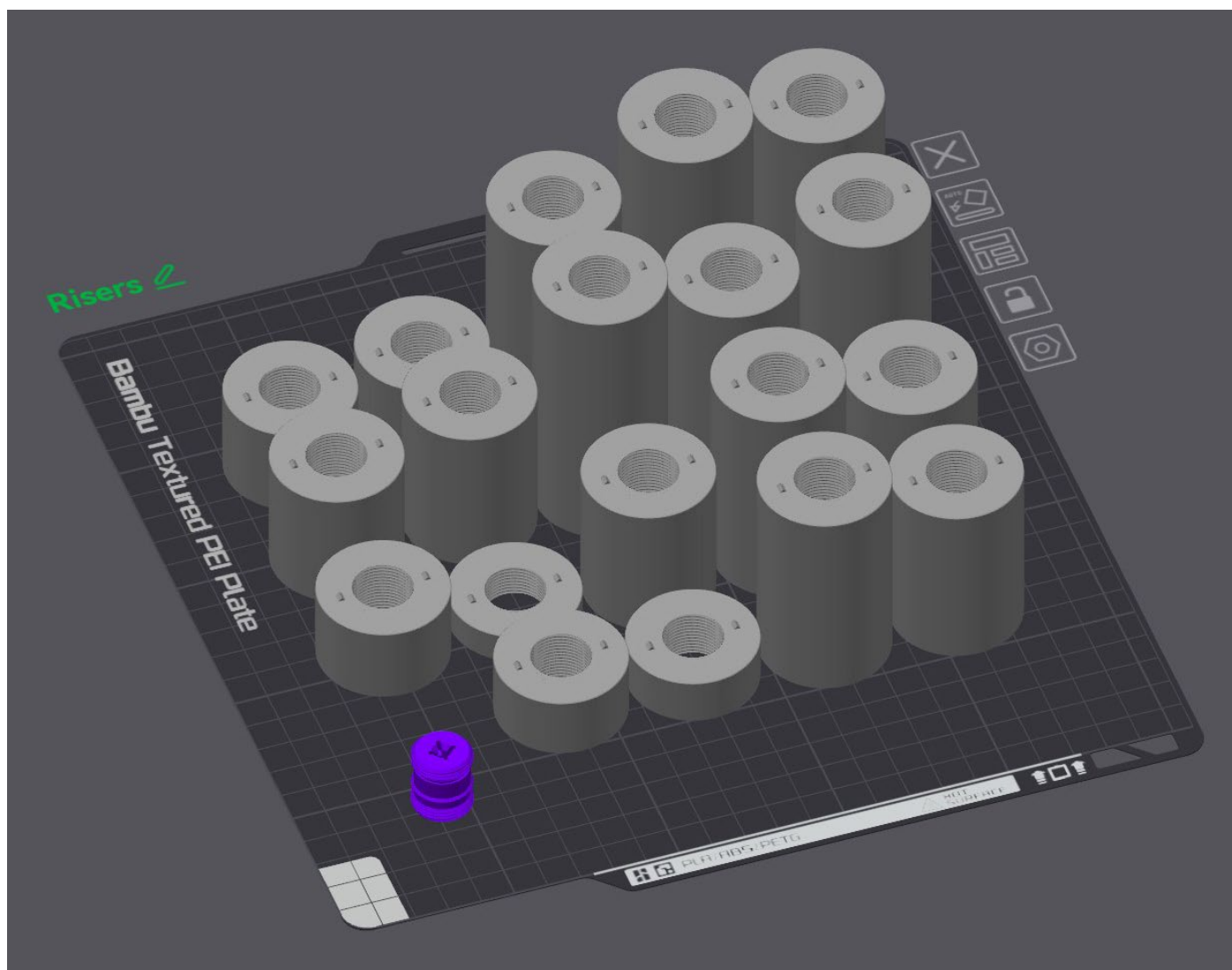
Create stepped layouts that keep paints visible and easy to access.

Risers are included from 10mm to 100mm in 5mm increments. Threaded throughout their length, they are 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 if you wish to join two Risers together.

See **Recommended Print Settings** for Risers. Risers also benefit from using Scarf Seams.



ACCESSORIES

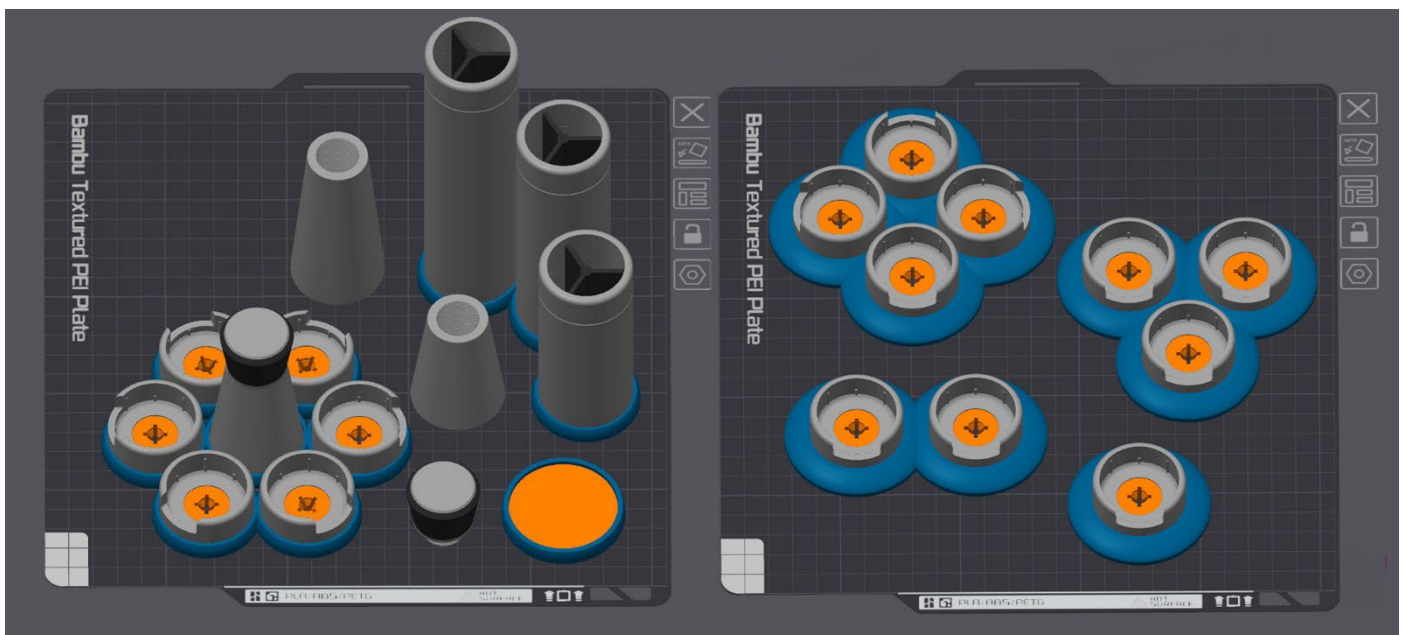
Brush Holders, Handles, Extra Wide Anti-Spill Bases, Magnetic Paint Handle Dock, Carousel Bases

Accessories vary between Paint Caddy versions and are included where suitable for that paint container type.

Possible accessories include Brush Holders, Handles, Anti-Spill Bases, Magnetic Paint Handle Dock and Carousel Base Plates.

Anti-Spill Bases are specific to the Citadel pot version for making solo potholders for Nuln Oil and other washes/shades.

Brush Holders can be used as standalone parts or connected to a Caddy Base Plate in slicer software. For dropper bottle versions, Brush Holders use the larger Citadel pot circumference, as standard dropper bottle-sized parts are too small to work well as Brush Holders.



FEATURE – Adjusting the Cup Size

All Cups include an internal Bottle Cage. The default setting gives a loose everyday fit, so paint containers lift out easily. The Bottle Cage can be adjusted on the build plate if a firmer or looser fit is required.

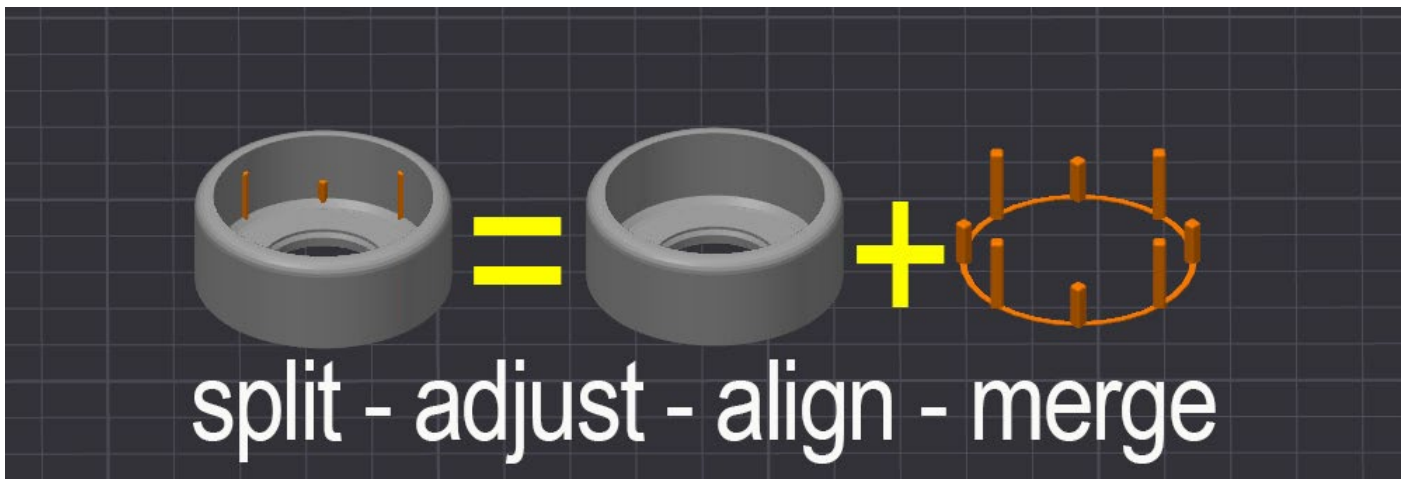
Dropper Bottle Cup Sizes

The Bottle Cage is especially useful with the Dropper Bottle version of the Caddy, as bottle diameters vary noticeably between paint ranges.

The Dropper Bottle version of the Caddy includes three pre-set Cup size options to help cover the variation between miniature paint ranges: standard, smaller diameter and larger diameter. Each can be adjusted on the build plate too.

Suggested brand/range guidance is included in the file set README notes. Always test print a single Cup and adjust to your specific requirements before printing larger quantities.

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



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Disclaimer: This is an independent product designed to fit Citadel paint pots. Citadel, Nuln Oil and Games Workshop are trademarks of Games Workshop Ltd. PrintableMini.tools is not affiliated with or endorsed by Games Workshop Ltd.