

# ⊕ Flowed Away Materials List

## Glass and Quantities Needed per Project (choose at least one of the following)

### SEGMENTED STACK

- (2), 27.9 × 27.9 cm (11" × 11") and (3), 22.9 × 22.9 cm (9" × 9") pieces of 3mm Clear ([001101-0030](#)), or 3mm Tekta ([001100-0380](#))
- (1), 22.9 × 22.9 cm (9" × 9") 3mm Opaline ([000403-0030](#))
- (3), 22.9 × 22.9 cm (9" × 9") pieces of 3mm glass in any color glass.  
**Nathan used:**  
Dark Amber ([001138-0030](#))  
Light Violet ([001428-0030](#))  
Light Bronze ([001409-0030](#))

### FRITTED STACK

- (2), 27.9 × 27.9 cm (11" × 11") and (3), 22.9 × 22.9 cm (9" × 9") pieces of 3 mm Clear ([001101-0030](#)), or 3 mm Tekta ([001100-0380](#))
- (1), 22.9 × 22.9 cm (9" × 9") 3 mm Opaline ([000403-0030](#))
- (3) colors of -0003 Coarse Frit 36 g or (≈ 1.3 oz) of each.  
**Nathan used:**  
Light Bronze Frit ([001409-0003](#))  
Clear Frit ([001101-0003](#))  
Light Violet Frit ([001428-0003](#))  
Dark Amber Frit ([001138-0003](#))

### SEAMLESS STACK

- (2), 27.9 × 27.9 cm (11" × 11") and (3), 22.9 × 22.9 cm (9" × 9") pieces of 3mm Clear ([001101-0030](#)), or 3mm Tekta ([001100-0380](#))
- (1), 22.9 × 22.9 cm (9" × 9") 3 mm Opaline ([000403-0030](#))
- (2), 22.9 × 22.9 cm (9" × 9") pieces of 3 mm glass in any color glass.  
**Nathan used:**  
Dark Amber ([001138-0030](#))  
Light Violet ([001428-0030](#))

## Supplies & Tools

Toyo, all metal glasscutter  
([Ed Hoy, Delphi](#))

Silberschnitt Brass Cutter ([007135](#))

Bohle Silberschnitt Studio Circle Cutter  
([007161](#))

Fanout, grozing pliers  
([Ed Hoy, Delphi](#))

Dropout Paste-DÖP ([OnGrade Studio](#))

Running Pliers ([007008](#))

'Lil Chunks ([OnGrade Studio](#))

1.5 mm ( $\frac{1}{16}$ " ) ceramic fiber paper  
([007037](#))

Fine point tweezers

### Mold Options

- *The Seventy*, Flatop Dropout Ring ([OnGrade Studio](#))
- Creative Ceramics Dropout Molds ([Bullseye](#))

## Coldworking Methods for Success with Dropout Vessels

### TO REMOVE RIMS

**Used in Video:** Tabletop Modular Saw/Grinder ([Water Jet Design](#)), 17.8 cm (7") diamond saw blade. This tool makes it very easy to maintain alignment for a straight cut and ergonomically good for the body.

**Alternative Method:** Standard Tile/Wet Saw ([MK-101](#)) and Diarex Pro Series 25.4 cm (10") continuous rim diamond saw blade. ([Gran Quartz](#))

**Note:** This is a more physically involved freehand approach, so keep mindful of good body posture!

### TO FINISH RIMS

**Used in Video:** A lap wheel/flat lap grinder with a grinding head larger than the diameter of your vessel.

**Alternative Method 1** (for round rims): Tabletop Modular Saw/Grinder, suggested above. *See it in action anytime on my [OnGrade Studio Facebook Page](#).*

**Alternative Method 2:** Handlapping setup with 80 ([007241](#)), 120 ([007248](#)), 220 ([007242](#)), 400 ([007243](#)) Silicon Carbide Grits and 6 mm ( $\frac{1}{4}$ " ) float glass.

### TO TREAT SURFACES AFTER THE FIRST TWO FIRINGS

**Used in Video:** A sandblaster with 180–220 Aluminum Oxide grit.

For students near one of Bullseye's Resource Centers check out the [Lap Wheel Orientation](#), the [Sandblaster Orientation](#), the [Tile Saw Orientation](#) and other in-person studio offerings.

**Alternative Method:** Handlapping set up as in *Alternative Method 2* under "TO FINISH RIMS."