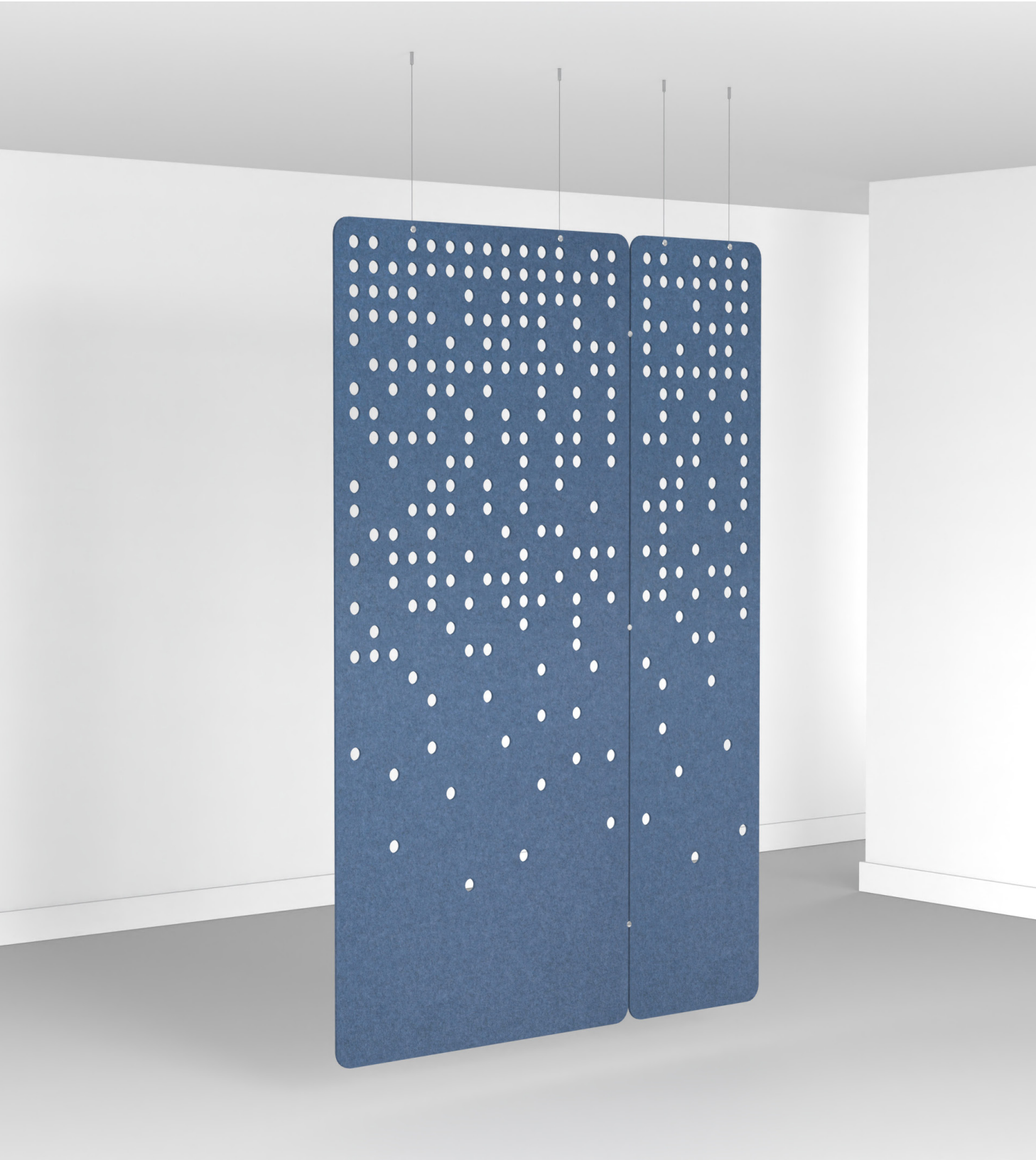



Hush Screen  
**SimpleSpec 200.109™**


Installation  
Manual



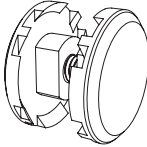
Contents Overview




**Felt Panel**  
96"×44"



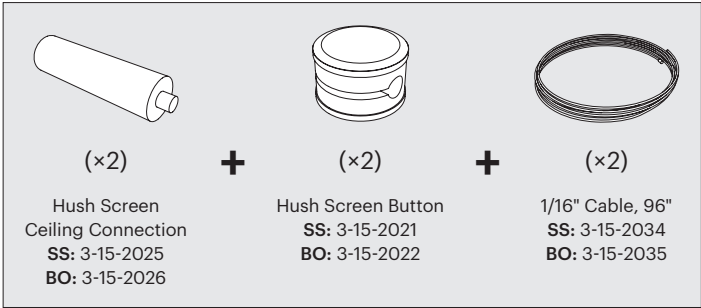
**Felt Panel**  
96"×22"



**Hush Screen  
Panel to Panel Connector**  
Stainless Steel: 3-15-2023  
Black Oxide: 3-15-2024



**Hush Screen  
Top Attachment KIT**  
Stainless Steel: 3-15-2021-K  
Black Oxide: 3-15-2026-K




(×2) + (×2) + (×2)

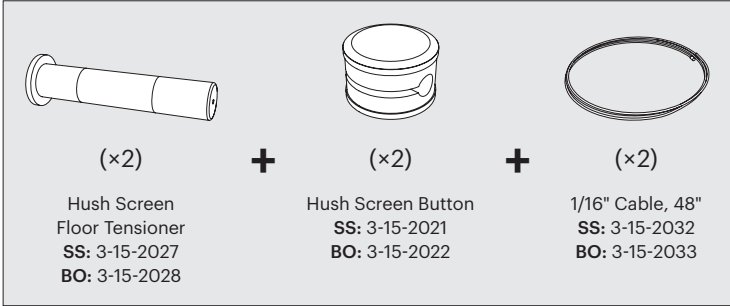
Hush Screen Ceiling Connection  
SS: 3-15-2025  
BO: 3-15-2026

Hush Screen Button  
SS: 3-15-2021  
BO: 3-15-2022

1/16" Cable, 96"  
SS: 3-15-2034  
BO: 3-15-2035



**Hush Screen  
Floor Attachment KIT**  
Stainless Steel: 3-15-2027-K  
Black Oxide: 3-15-2028-K




(×2) + (×2) + (×2)

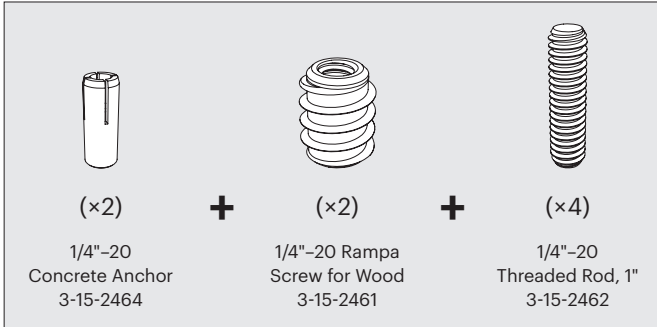
Hush Screen Floor Tensioner  
SS: 3-15-2027  
BO: 3-15-2028

Hush Screen Button  
SS: 3-15-2021  
BO: 3-15-2022

1/16" Cable, 48"  
SS: 3-15-2032  
BO: 3-15-2033



**Hush Screen Floor  
Universal Anchoring KIT**  
3-15-2462-K




(×2) + (×2) + (×4)

1/4"-20 Concrete Anchor  
3-15-2464

1/4"-20 Rampa Screw for Wood  
3-15-2461

1/4"-20 Threaded Rod, 1"  
3-15-2462

Contents Overview



**Hush Screen Concrete  
Anchoring KIT**  
3-15-2464-K

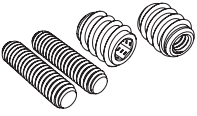
(×2)

1/4"-20  
Concrete Anchor  
3-15-2464

+

(×2)

1/4"-20  
Threaded Rod, 1"  
3-15-2462



**Hush Screen Wood  
Anchoring KIT**  
3-15-2461-K

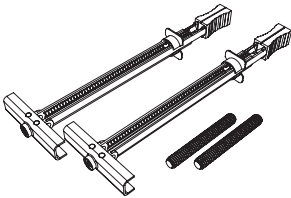
(×2)

1/4"-20 Rampa  
Screw for Wood  
3-15-2461

+

(×2)

1/4"-20  
Threaded Rod, 1"  
3-15-2462



**Hush Screen Drywall  
Anchoring KIT**  
3-15-2459-K

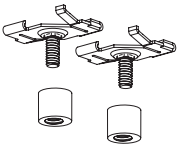
(×2)

1/4"-20  
Toggle Bolt  
3-15-2459

+

(×2)

1/4"-20  
Threaded Rod, 2"  
3-15-2460



**Hush Screen Direct-to-Grid  
Anchoring KIT**  
Stainless Steel: 3-15-2030-K  
Black Oxide: 3-15-2031-K

(×2)

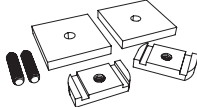
15/16"  
T-bar Clip  
3-15-2029

+

(×2)

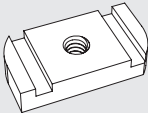
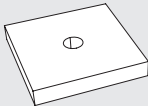

15/16" T-bar Clip Spacer  
SS: 3-15-2030  
BO: 3-15-2031

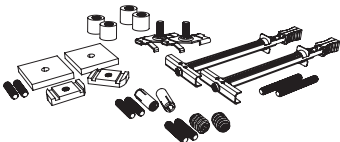
Contents Overview



**Hush Screen Unistrut Anchoring KIT**  
3-15-2465-K


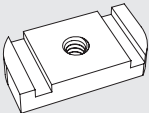
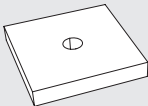

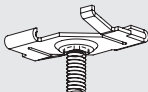



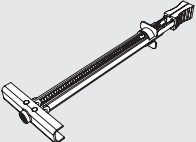
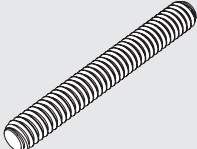
=

	+		+	
(×2)		(×2)		(×2)
1/4"-20 Strut Nut for 1.625" Unistrut 3-15-2465		Strut Channel Washer for 1/4" Rod 3-15-2466		1/4"-20 Threaded Rod, 1" 3-15-2462



**Hush Screen Ceiling Universal Anchoring KIT**  
3-15-2460-K

=

	+		+		+	
(×6)		(×2)		(×2)		
1/4"-20 Threaded Rod, 1" 3-15-2462		1/4"-20 Strut Nut for 1.625" Unistrut 3-15-2465		Strut Channel Washer for 1/4" Rod 3-15-2466		
	+		+		+	
(×2)		(×2)		(×2)		(×2)
1/4"-20 Rampa Screw for Wood 3-15-2461		15/16" T-bar Clip 3-15-2029		15/16" T-bar Clip Spacer SS: 3-15-2030		15/16" T-bar Clip Spacer BO: 3-15-2031
	+		+			
(×2)		(×2)		(×2)		
1/4"-20 Concrete Anchor 3-15-2464		1/4"-20 Toggle Bolt 3-15-2459		1/4"-20 Threaded Rod, 2" 3-15-2460		

# Hush Screen

## SimpleSpec 200.109™

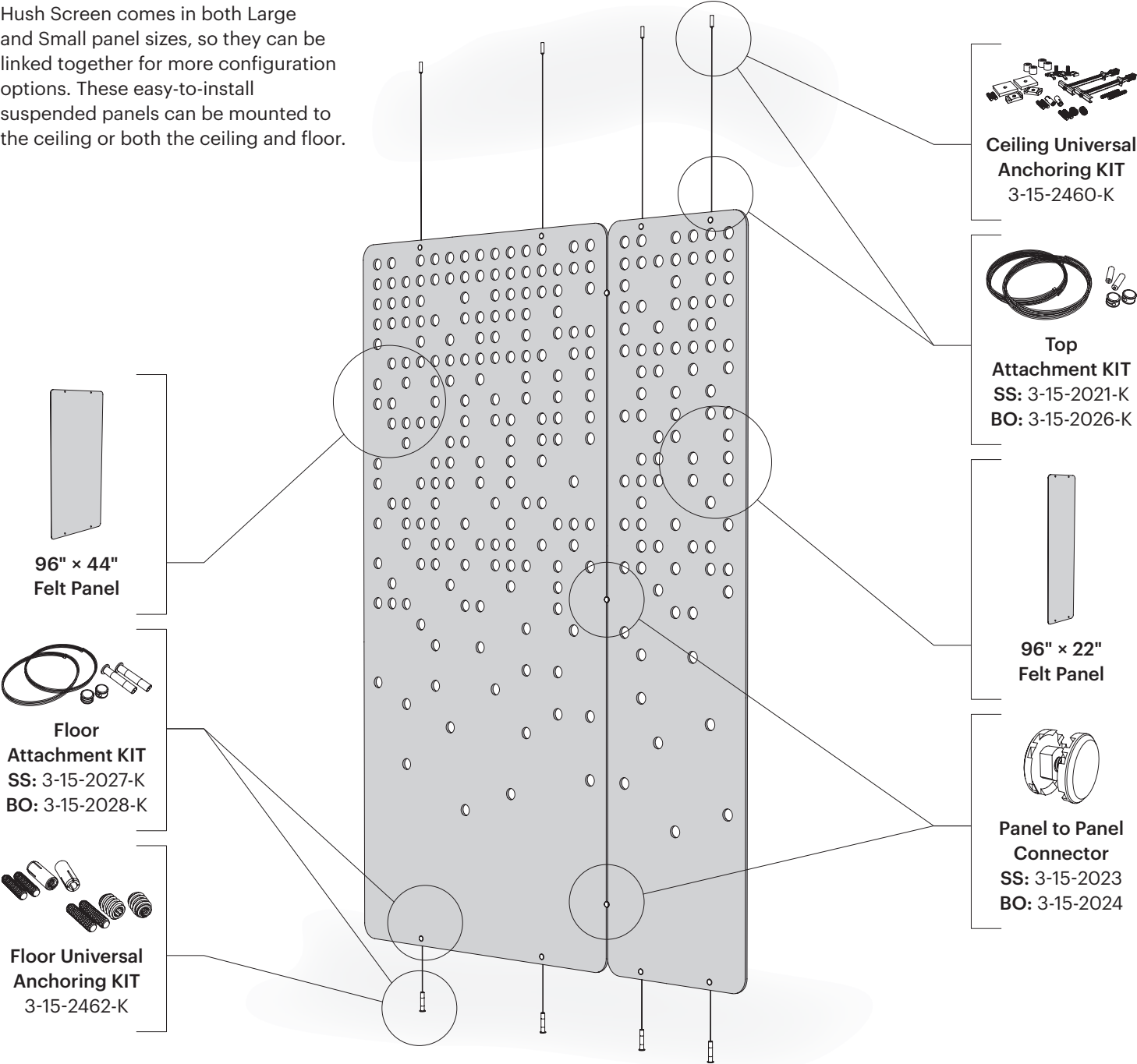
### Installation Manual

## Overview

Define space and absorb sound in style with these suspended Sola Felt panels. Made from 50% post consumer recycled material, they not only provide acoustic benefits but allow you the flexibility to create separate areas of focus.

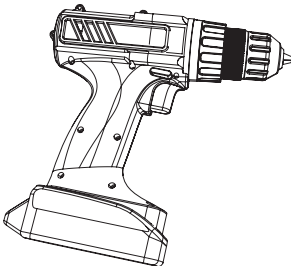
The 23 pattern options were inspired by Breeze Blocks, Organics, and Perforated Steel. Available in 21 Sola Felt colors for endless possibilities to bring your design vision to life.

Hush Screen comes in both Large and Small panel sizes, so they can be linked together for more configuration options. These easy-to-install suspended panels can be mounted to the ceiling or both the ceiling and floor.

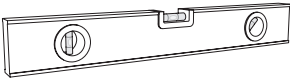


## Installation

### Required Tools



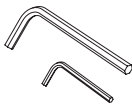
Drill



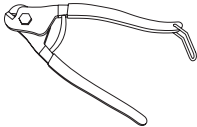
Level Tool



Concrete or  
Wood Bit



Metric Allen  
Wrenches



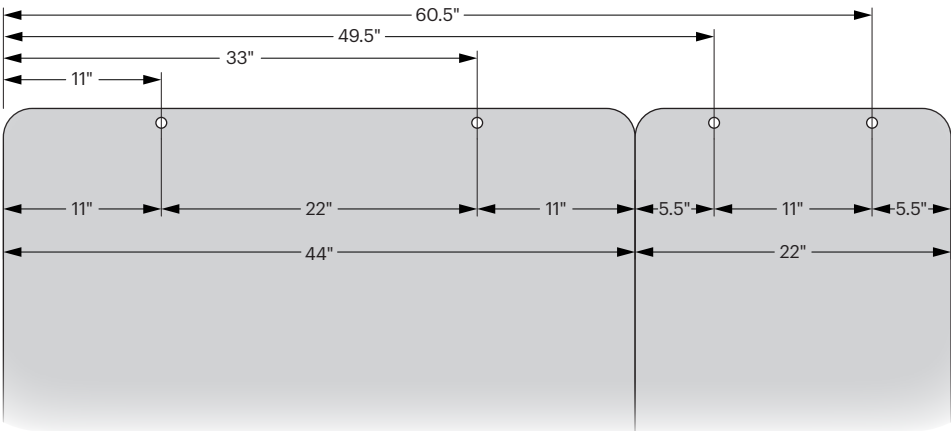
Cable Cutters



Super Glue

## 1 Install Ceiling Anchors

- a** Mark the appropriate spacing to install ceiling anchors by referencing the spacing of the pre-cut holes in the felt panels. *E.g. When hanging 2 panels, one 44" and one 22", the hanging locations will be at 11", 33", 49.5", and 60.5".*

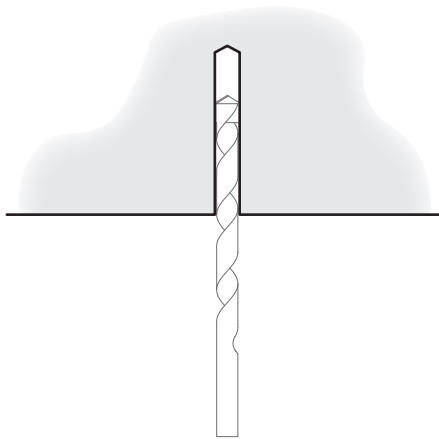


## Installation

### 1 Install Ceiling Anchors *cont...*

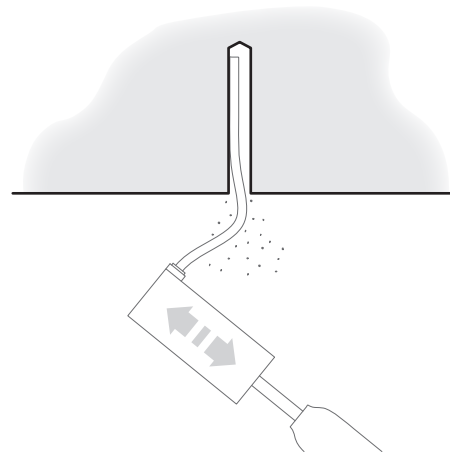
*\*If anchoring in concrete follow Steps 1b-e, if anchoring in drywall follow Steps 1f-k, if anchoring in wood follow Steps 1l-n, if anchoring to a 1½" unistrut follow Steps 1o-r, if anchoring to a T-grid follow Steps 1s-t.*

#### b Concrete Installation



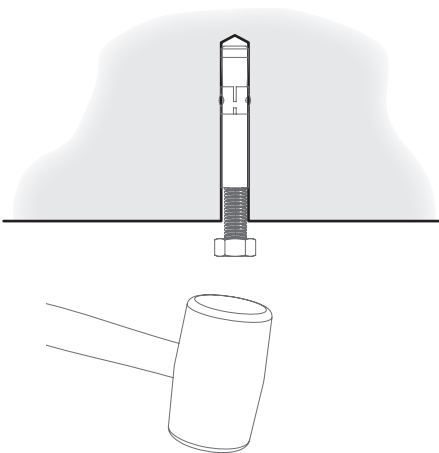
Drill Ø ¾" hole, minimum 1" deep.

#### c



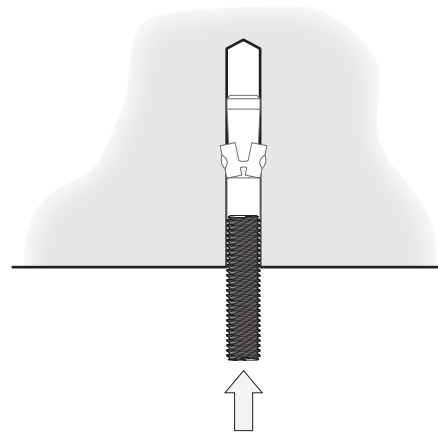
Remove drilling debris with a blowout bulb or with compressed air.

#### d



Place the anchor (3-15-2464) in the hole. Insert the installation tool into the anchor and drive with a hammer until the thicker portion of the tool makes contact with the anchor. Anchors can be installed below the base of the surface as well as flush with the surface.

#### e

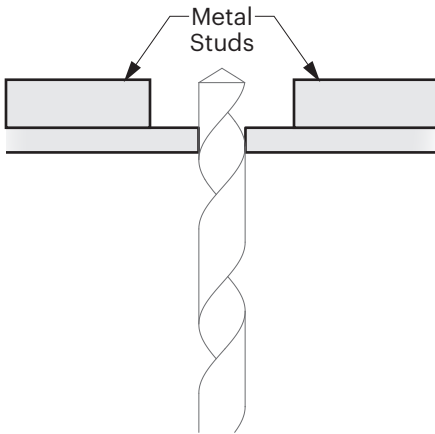


Remove installation tool.  
Install 1" threaded rod (3-15-2462).

### Installation

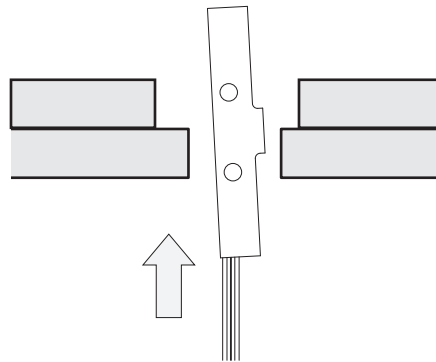
#### 1 Install Ceiling Anchors *cont...*

##### f Hollow Substrate Installation



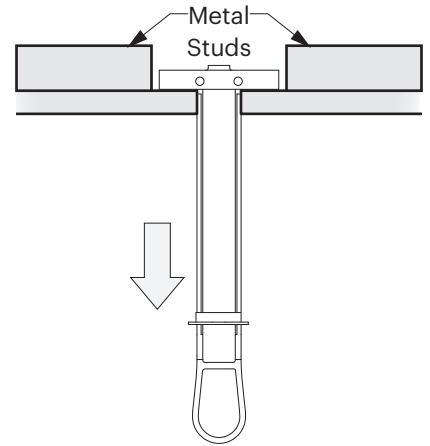
Drill Ø ½" hole. Minimum clearance behind wall = 2".

##### g



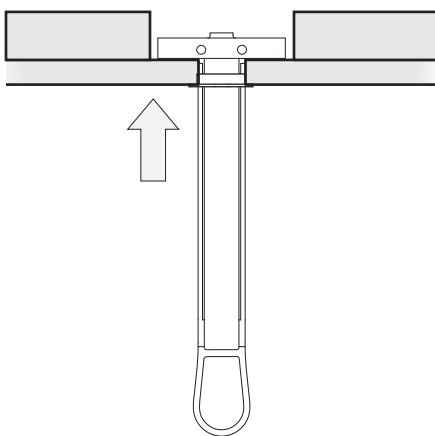
Position the metal channel parallel with the plastic legs. Insert the metal channel through the drilled hole into the wall cavity.

##### h



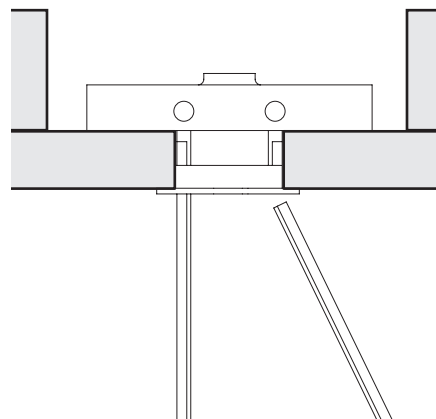
Pull the metal channel firmly against the inner wall cavity by tugging the plastic pull ring.

##### i



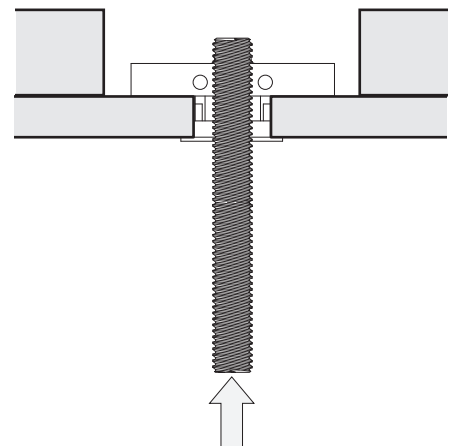
Slide the plastic cap forward along the legs until it is seated flush to the work surface.

##### j



Snap the plastic legs off flush at the plastic cap by pushing outward.

##### k



Install 2" threaded rod (3-15-2460).

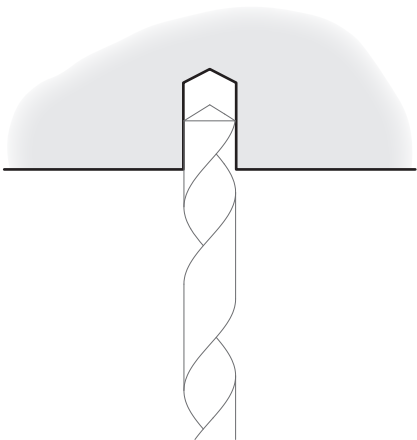
*Note: Maximum torque on screw or rod is 5 ft-lb.*



Installation

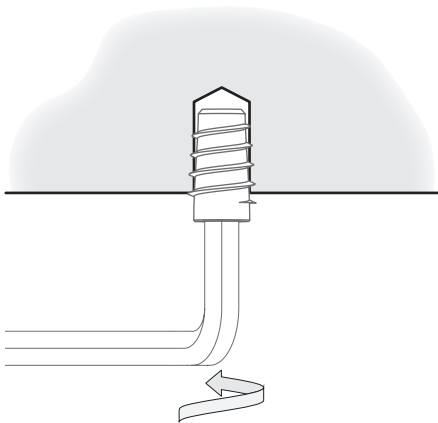
**1** Install Ceiling Anchors *cont...*

**l** Wood Installation



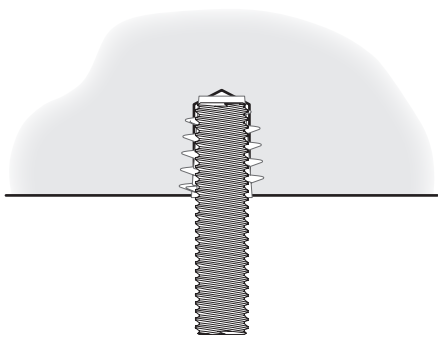
Drill Ø 3/8" hole, minimum depth and thickness of 0.591".

**m**



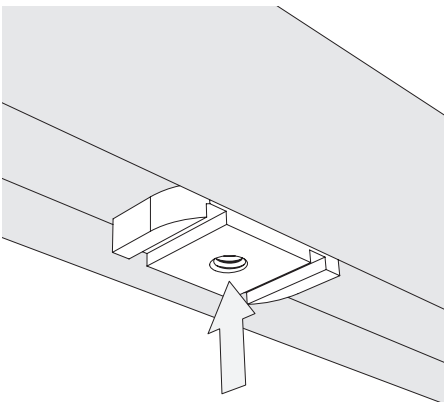
Use a 6mm Allen wrench to install the Threaded Insert (3-15-2461).

**n**



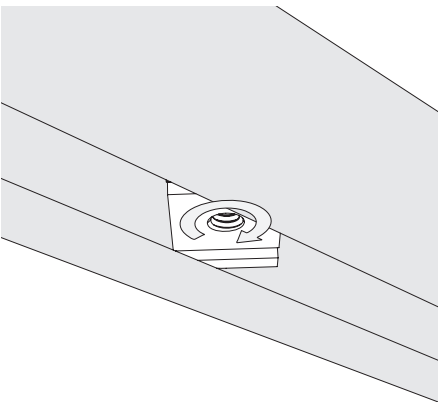
Install 1" threaded rod (3-15-2462).

**o** Unistrut Installation



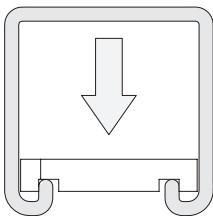
Insert Strut Nut (3-15-2465) into 1 1/2" unistrut (not supplied).

**p**



Turn Strut Nut (3-15-2465) to correct orientation..

**q**

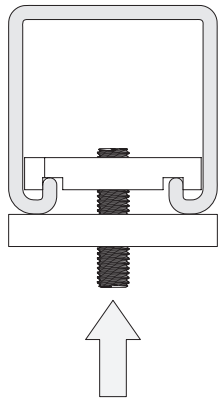


Ensure Strut Nut (3-15-2465) is sitting correctly in unistrut.

Installation

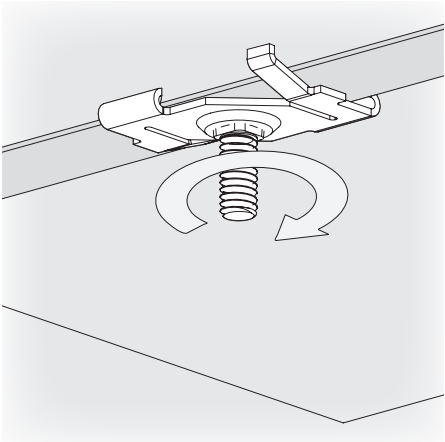
**1** Install Ceiling Anchors *cont...*

**r**



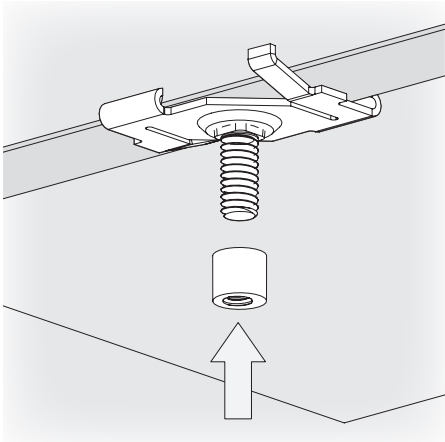
Install Strut Channel Washer (3-15-2466) and 1" threaded rod (3-15-2462). Ensure Strut Channel Washer is lined up with unistrut.

**S** T-Grid Installation



Twist T-bar Clip (3-15-2029) onto T-Grid (not supplied).

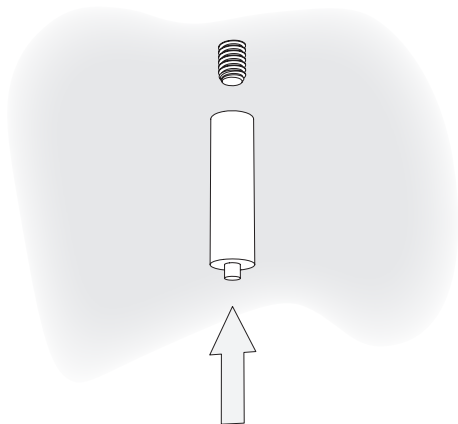
**t**



Install T-bar Clip Spacer (3-15-2030 or 3-15-2031).

**2** Install Ceiling Connections

Install Ceiling Connections (3-15-2025 or 3-15-2026) onto anchors.

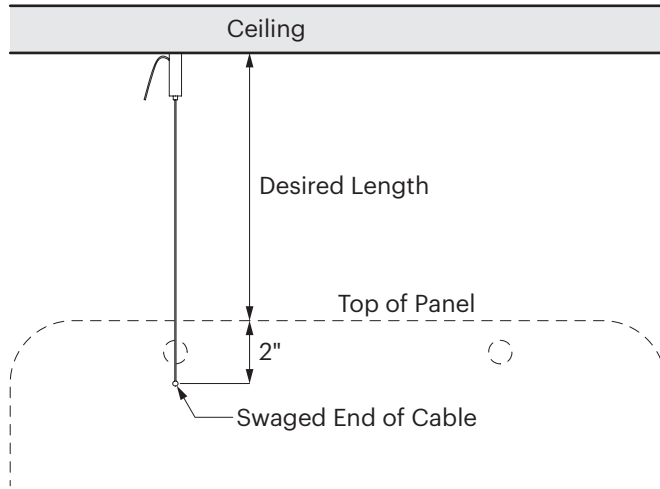


## Installation

### 3 Install Ceiling Cables

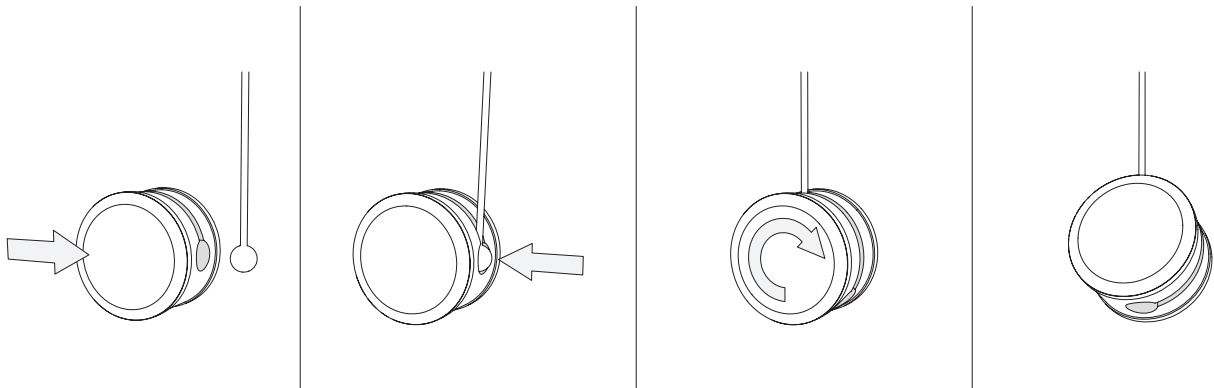
Put the 96" cables (3-15-2034 or 3-15-2035) through the Ceiling Connections (3-15-2025 or 2-15-2026) and measure to desired length + 2".

*I.e. (distance from ceiling to top of felt panel) + 2"*



### 4 Connect Hush Screen Buttons to Cables

Attach Hush Screen Buttons (3-15-2021 or 3-15-2022) to the swaged end of the cables. Rotate the button clockwise until the cable is fully seated into the slot and the round hole is located on the bottom of the button.



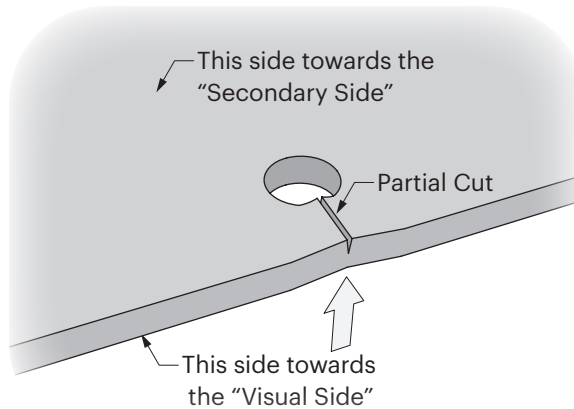
## Installation

### 5 Hang Panel(s) from Hush Screen Buttons

- a** Identify the visually preferred side of the installation, the “Visual Side”. The opposite side is the “Secondary Side”.

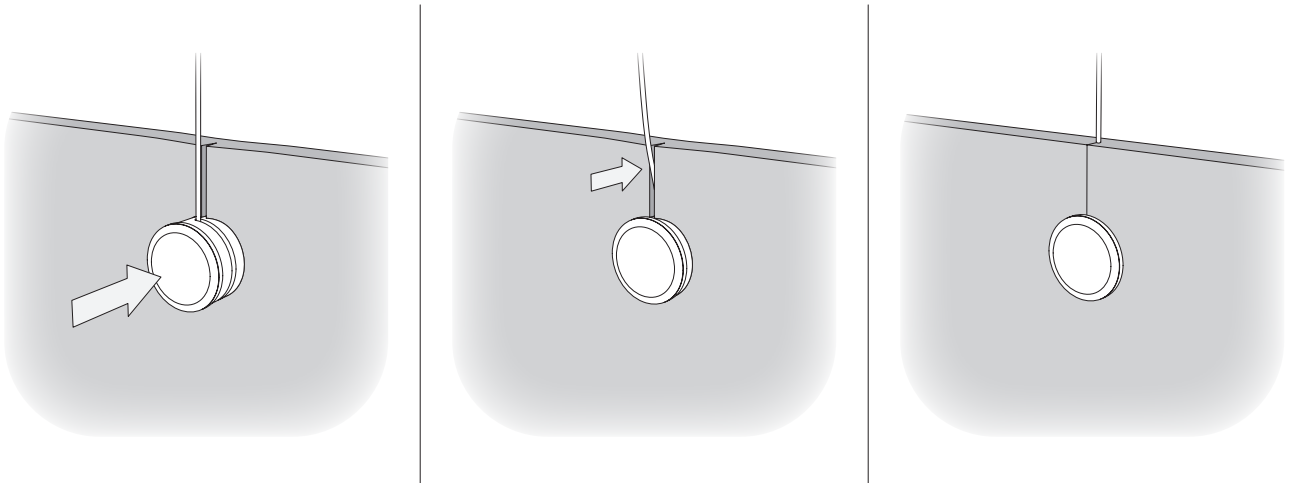
Above the pre-cut 0.73" holes bend the top of the felt to identify the partial cut of the panel.

Position the Hush Screen so that the partial cut will be on the “Secondary Side” of installation.



- b** Install the Hush Screen Button from the “Secondary Side” by inserting the button first then threading the cable through the partial cut to hide the cable in the panel.

Make sure the cable is fully seated into the partial cut, and that no cable is visible from “Secondary Side”.



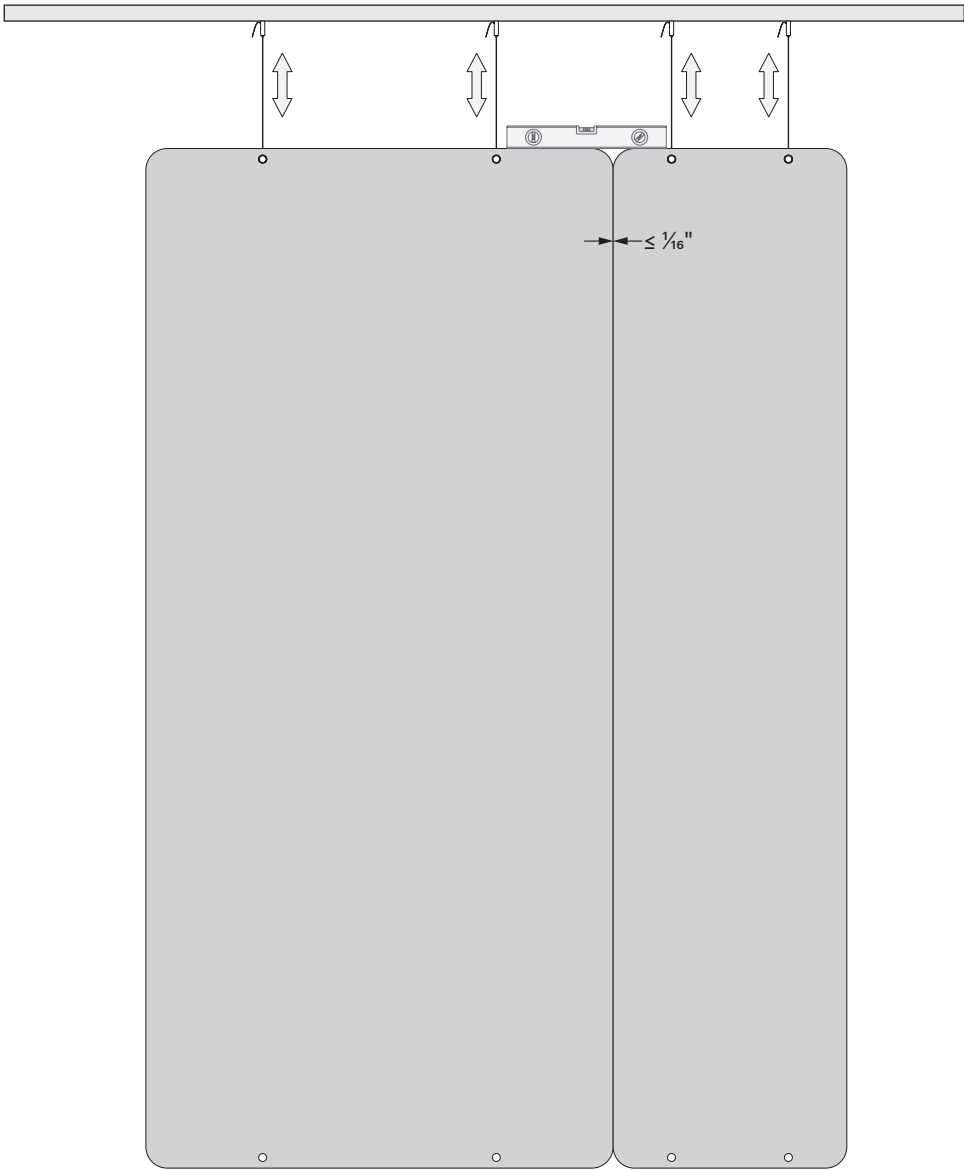
Installation

**6** Level Panel(s)

Adjust the panel height using the toggle at both of the top tensioners to the desired height. Assure the top of the panel is level, and sides are plumb.

Repeat for additional panels.

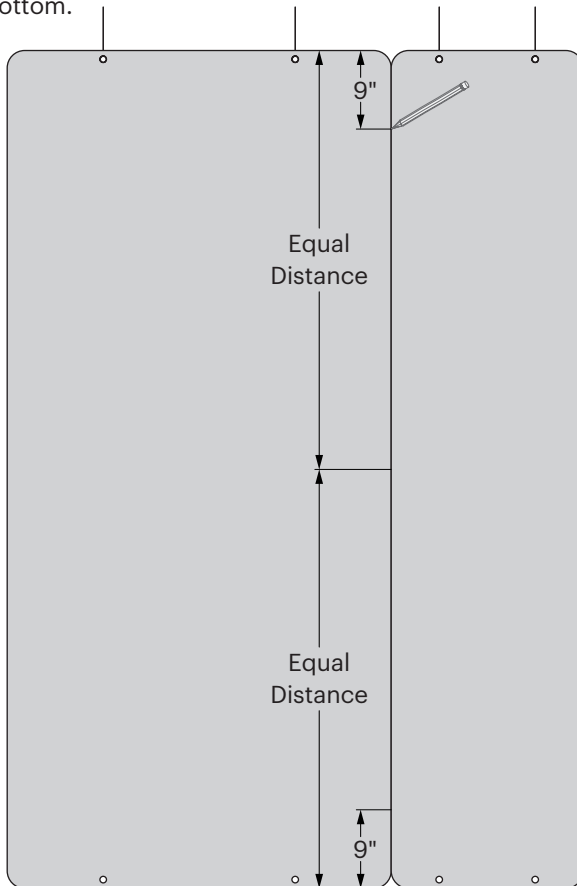
Assure the panels are touching or within  $\pm \frac{1}{16}$ " of one another.



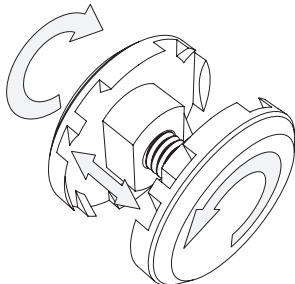
## Installation

### 7 Install Panel to Panel Connectors

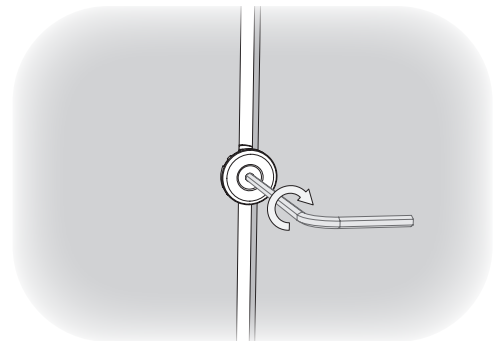
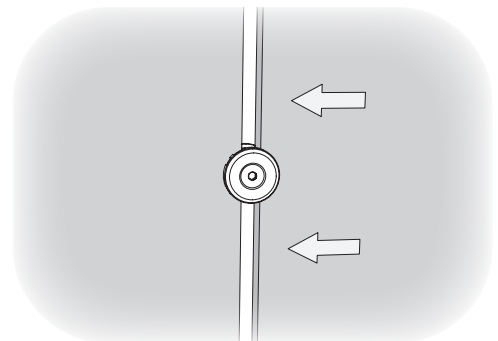
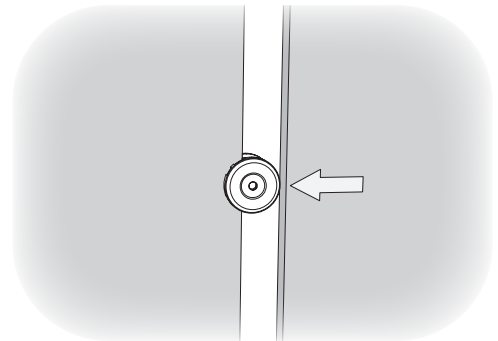
- a** Measure and mark the location for your Panel to Panel Connectors (3-15-2023 or 3-15-2024) and make marks at 9" down from the top, the middle and 9" up from the bottom.



- b** Back out the screw most of the way.



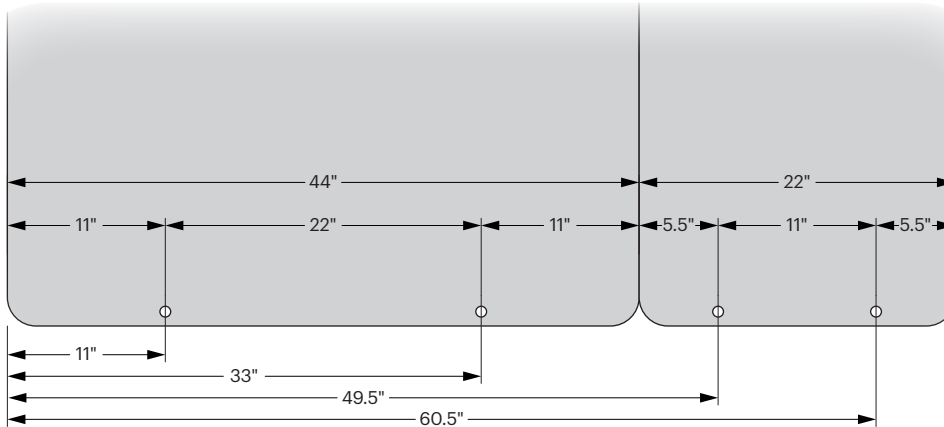
- c** Place the Panel to Panel Connector on one side slipping over the felt. Insert the next panel into the other side of the connector. Once both panels are sitting flush against the inside of the hardware, tighten the screw until it is completely tight.



## Installation

### 8 Anchor to Floor

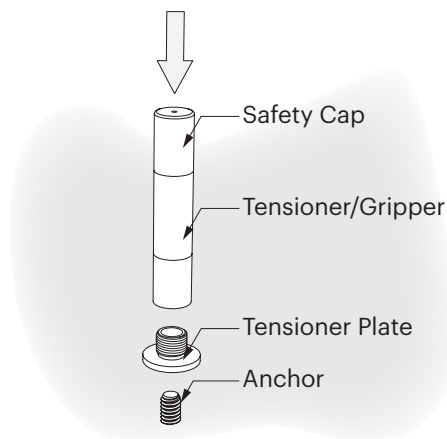
- a** Mark the appropriate spacing to install floor anchors by referencing the spacing of the pre-cut holes in the felt panels.  
*E.g. When hanging 2 panels, one 44" and one 22", the hanging locations will be at 11", 33", 49.5", and 60.5".*



- b** *\*If anchoring in concrete follow Steps 1b-e, if anchoring in wood follow Steps 1l-n.*

### 9 Install Floor Tensioners (3-15-2027 or 3-15-2028)

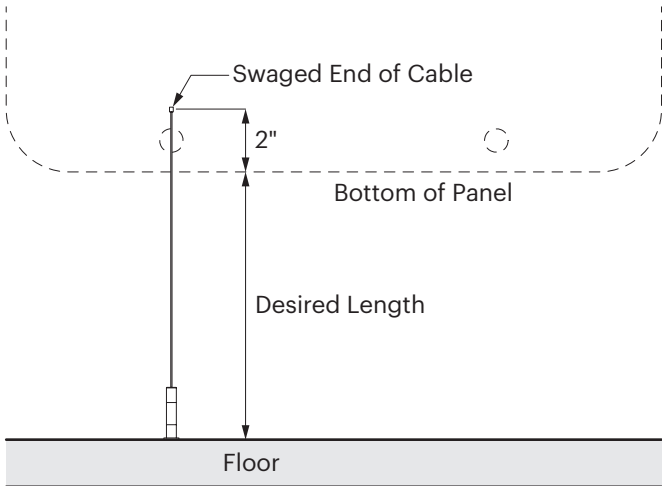
Mount floor tensioner plate onto anchor. Screw the tensioner/gripper onto the tensioning plate, 2-3 rotations. Unscrew safety cap, 2-3 rotations, allowing a cable to pass through.



Installation

**10** Install Floor Cables

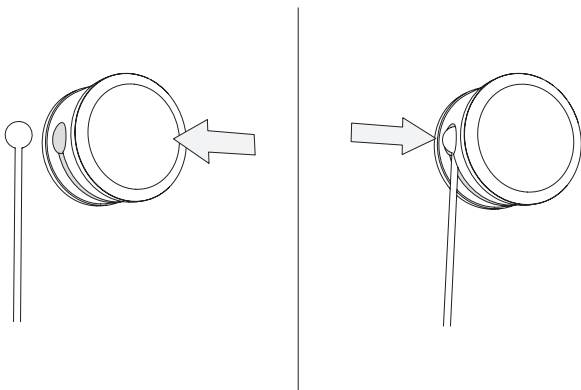
Insert the 48" cables (3-15-2032 or 3-15-2033) into the safety cap and gripper (3-15-2027 or 2-15-2028), the cable will bottom out in the tensioner, but leave enough slack in the cable to allow for tensioning and cable installation.



*Do not over tension as it will distort the felt.*

**11** Connect Hush Screen Buttons to Cables

- a** Attach Hush Screen Buttons (3-15-2021 or 3-15-2022) to the swaged end of the cables.

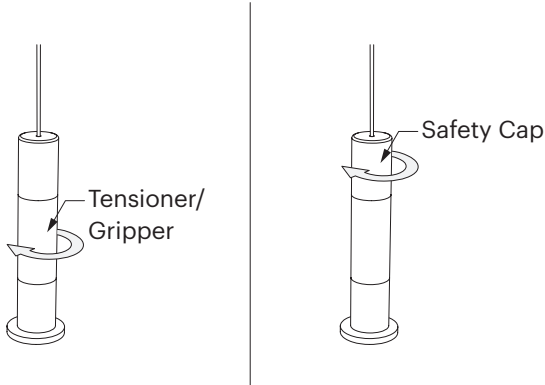




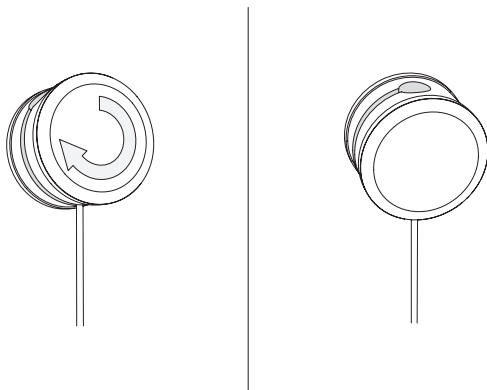
## Installation

### 11 Connect Hush Screen Buttons to Cables cont...

- b** Turn the gripper clockwise until desired tension is achieved. *Over-tensioning will distort the felt panel.*  
Tighten safety cap.



- c** Rotate the Hush Screen Button (3-15-2021 or 3-15-2022) clockwise until the cable is fully seated into the slot and the round hole is located on the top of the button.

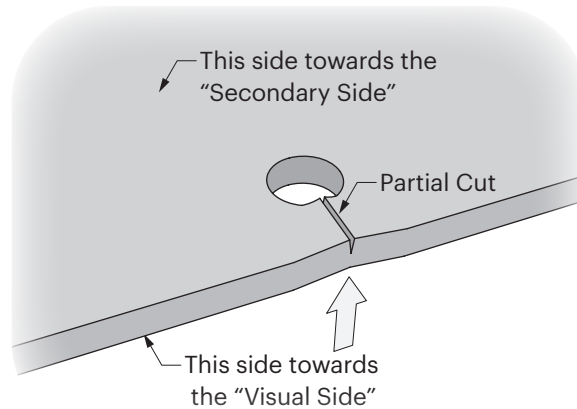


## Installation

### 12 Secure Panel(s) to Hush Screen Buttons

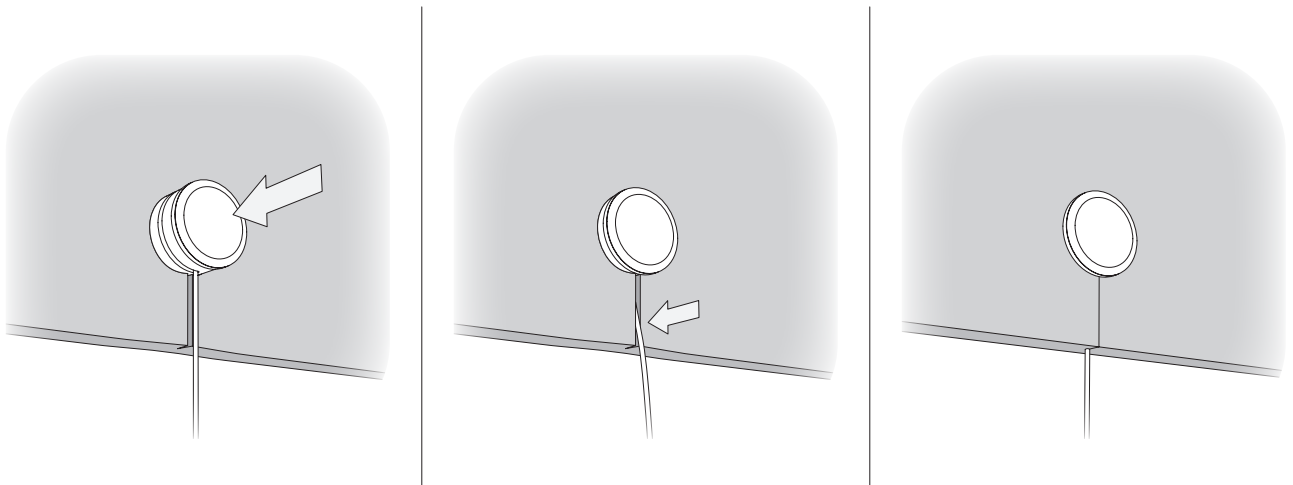
- a** Identify the visually preferred side of the installation, the “Visual Side”. The opposite side is the “Secondary Side”.

Above the pre-cut 0.73" holes bend the top of the felt to identify the partial cut of the panel.



- b** Install the Hush Screen Button from the “Secondary Side” by inserting the button first then threading the cable through the partial cut to hide the cable in the panel.

Make sure the cable is fully seated into the partial cut, and that no cable is visible from “Secondary Side”.



*Do not over tension as it will distort the felt.*

## Product Description and Specifications

### Features and Benefits

- Variety of color options
- Variety of patterns and layouts
- Noise Reduction Coefficient (NRC) up to 0.55
- Cost-effective decorative feature
- Easy to specify
- Easy to install

### Available Finishes

Hush Screens can be specified in a variety of color options.

See 3form's Sola Felt colors at:

<https://www.3-form.com/materials/sola-felt>

### Flammability and Smoke Test Results -

#### Building Code Approvals

Hush Screens have been independently tested and meet the criteria for approved interior finishes as described in the 2018 International Building Code®.

Test	Sola Felt ⅝"	Result
ASTM E84 Flame Spread Smoke Generated	50 300	Class B: 26-75 <450
CAN/ULC 102.2 Flame Spread Smoke Generated	75 200	See Building Code of Canada

### Sound Absorption Test Results

Solution	Test-ASTM C423-09	Result
Hush Screen	Noise Reduction Coefficient	0.15 – 0.55
Hush Screen	Sound Absorption Average	0.76
Hush Screen	Alpha-W	0.15-0.16H

### Panel Weight

Solution	Dimensions	Thickness	Weight
Hush Screen	96" × 44"	3/8"	11.44 lbs
Hush Screen	96" × 22"	3/8"	5.72 lbs

### Cleaning Instructions

Hush Screens should be cleaned periodically. A regular, seasonal cleaning program will dramatically help prevent noticeable weathering and dirt build-up.

To remove airborne debris and dust, it is recommended to periodically vacuum Hush Screens. Please note the slight shedding of fibers from the felt is normal and not indicative of any defect.

To treat liquid stains, remove spills immediately using a clean damp cotton cloth or with detergent soap and warm water. Carpet and fabric cleaners can usually be used; always test an inconspicuous area before the actual stain.

#### Do:

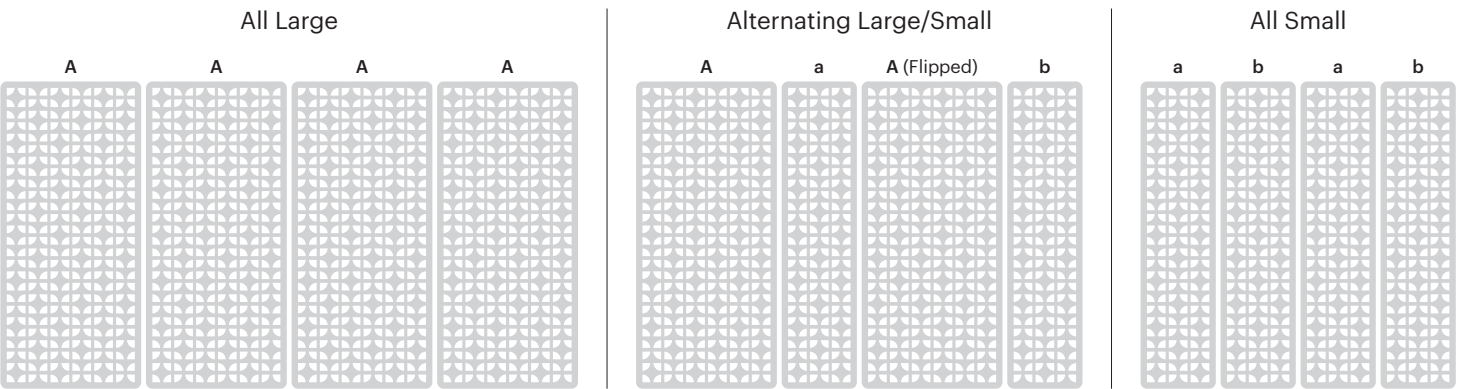
- Vacuum or use a soft brush to clean Hush Screens.

#### Do not:

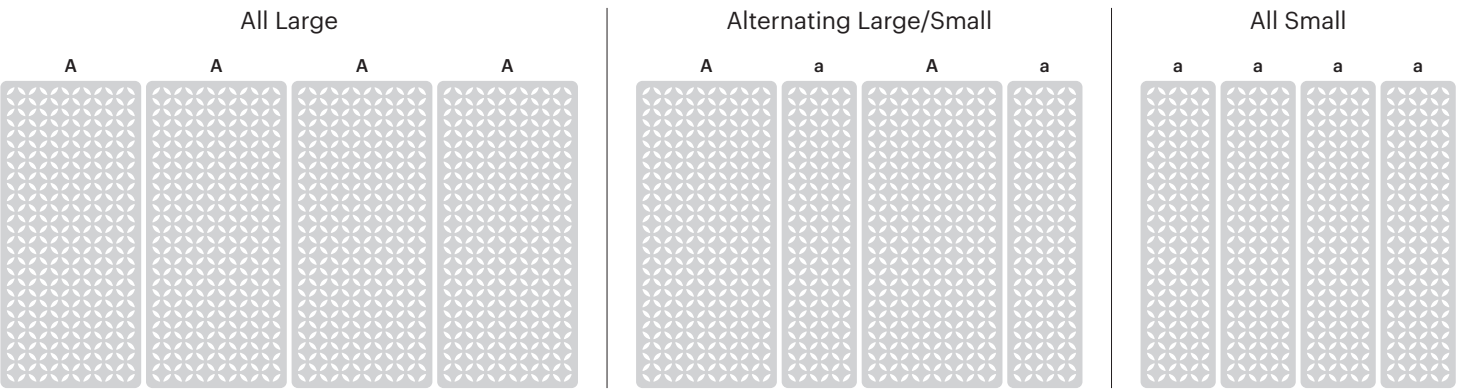
- Use strong solvents, highly alkaline or abrasive cleaning agents.
- Do not completely saturate module with cleaning solution or water.

# Product Patterns and Layout Ideas

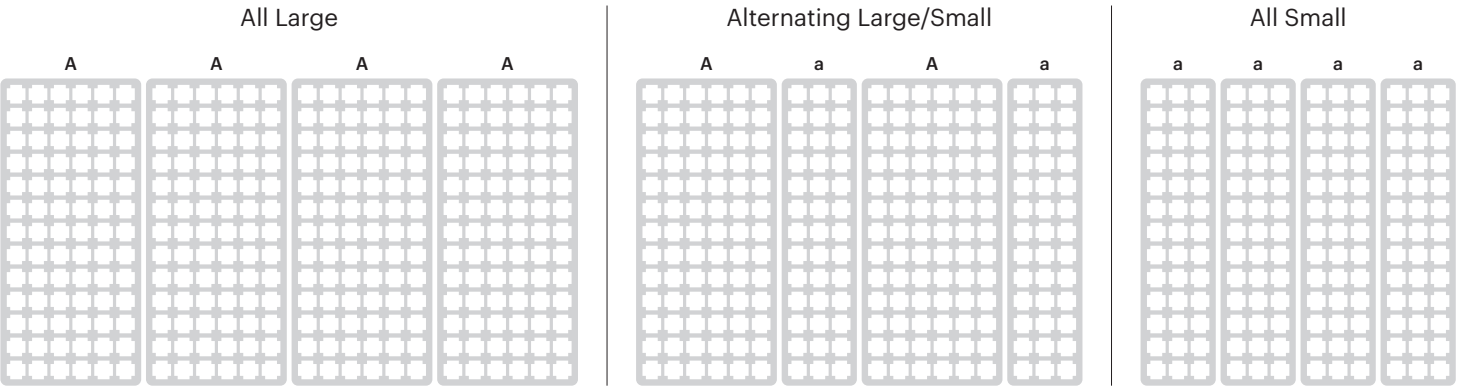
## Starlight



## Rotary

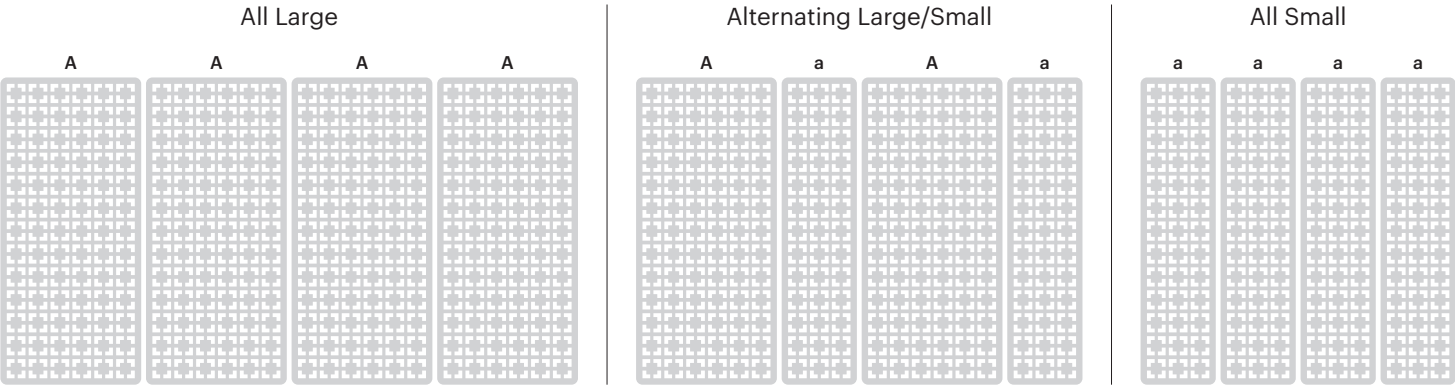


## Cross

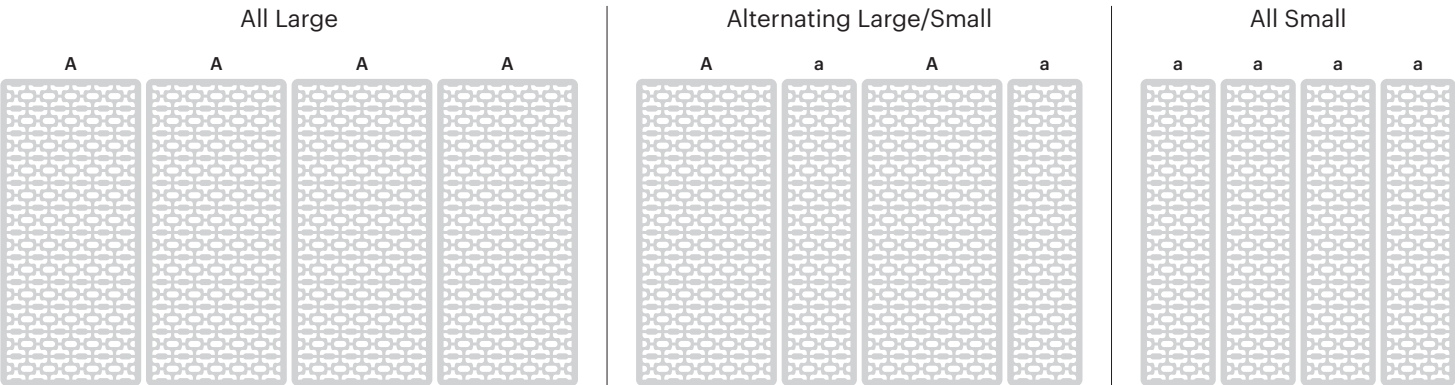


Product Patterns and Layout Ideas

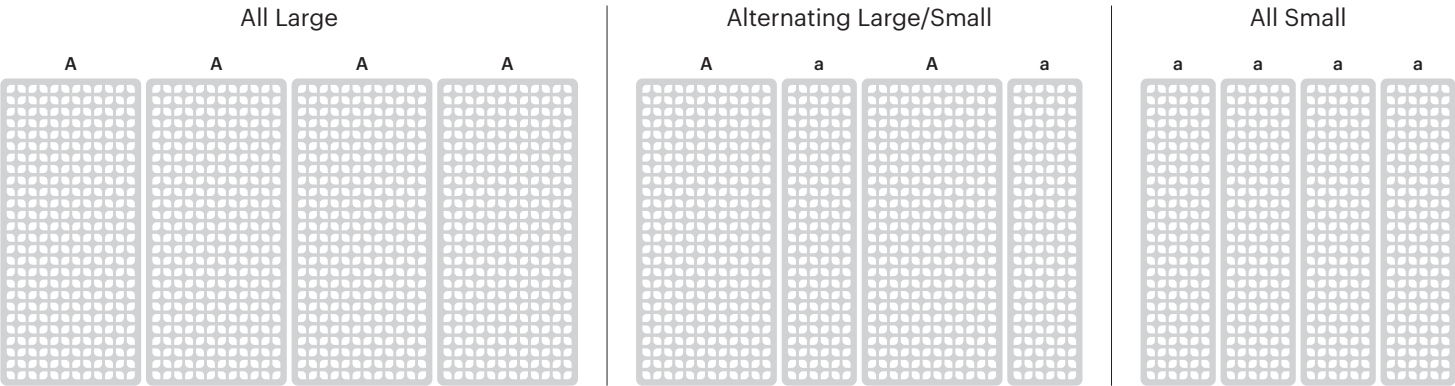
Crossroads



Maze

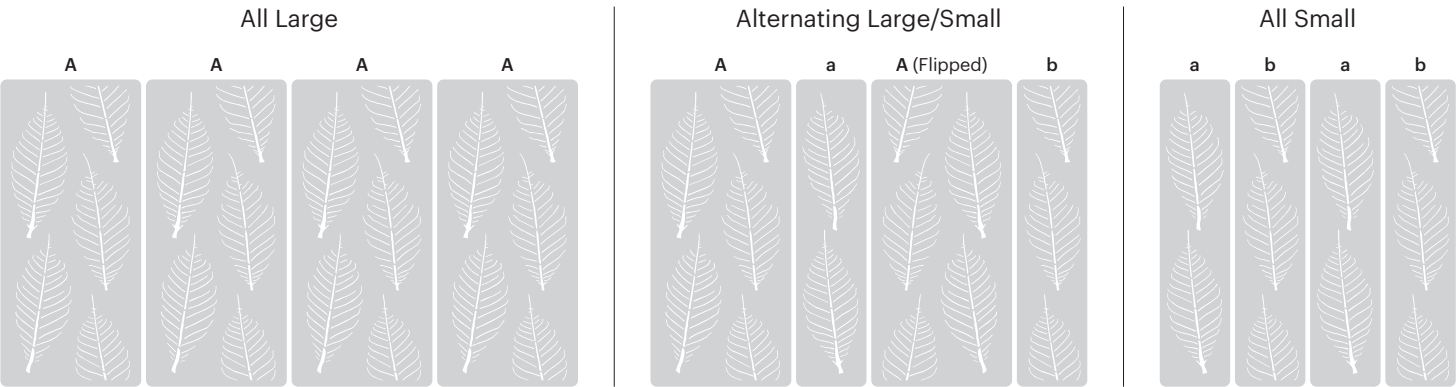


Cloverleaf

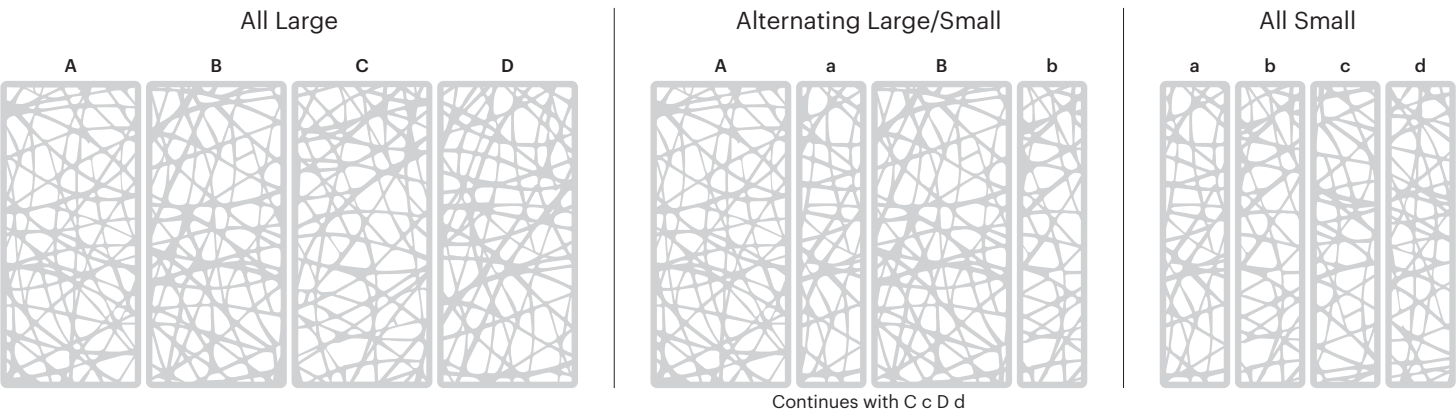


Product Patterns and Layout Ideas

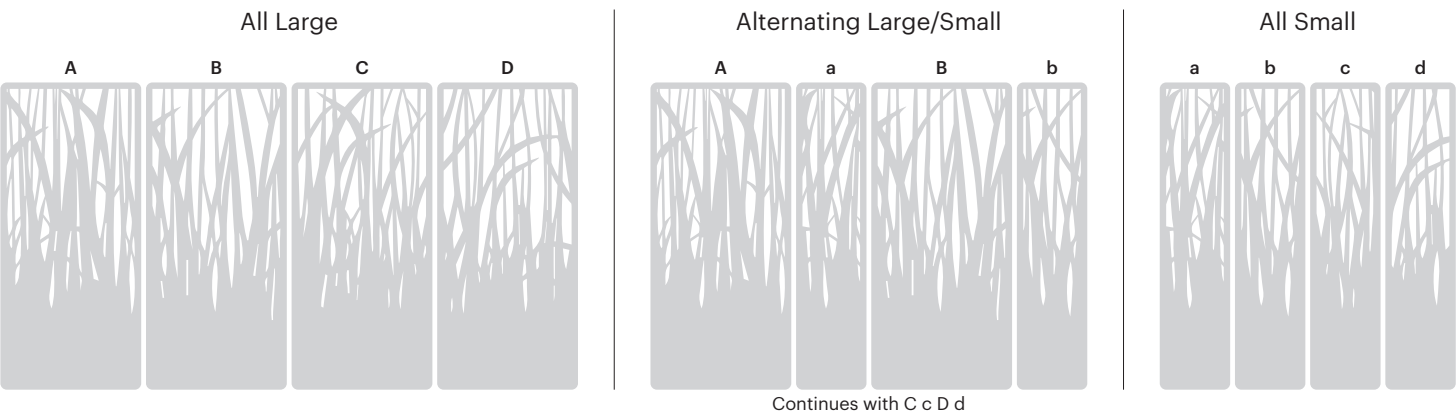
Foliage



Intersection

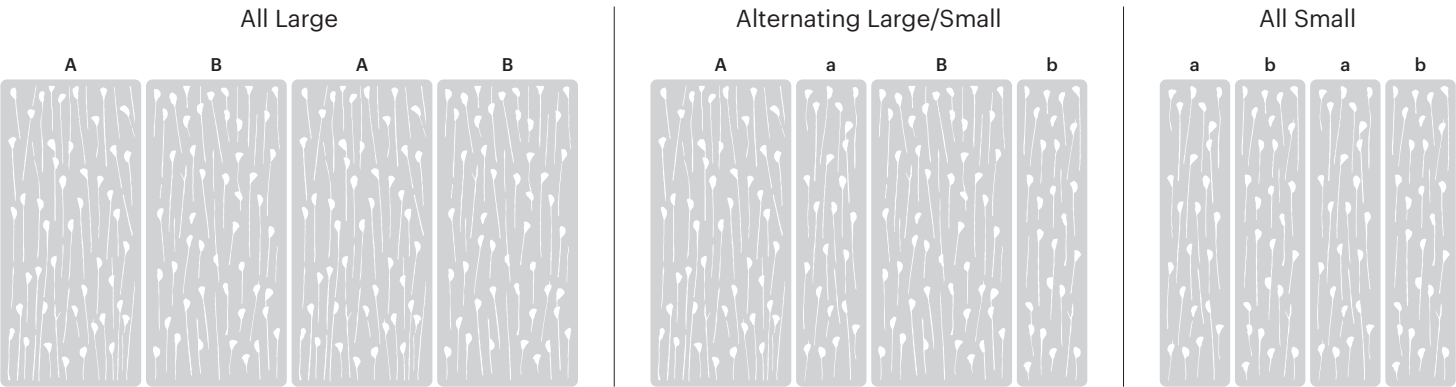


Brush

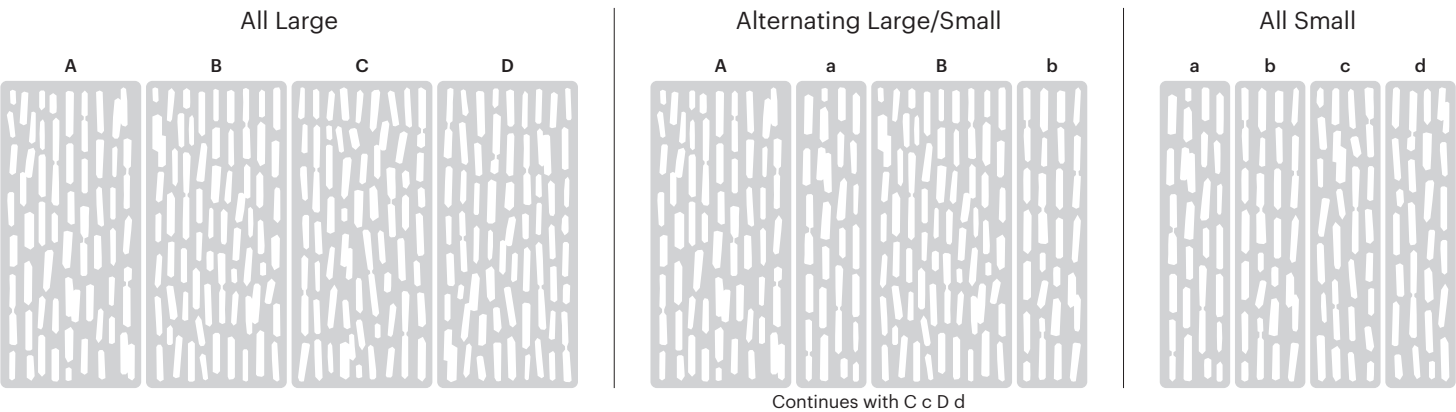


Product Patterns and Layout Ideas

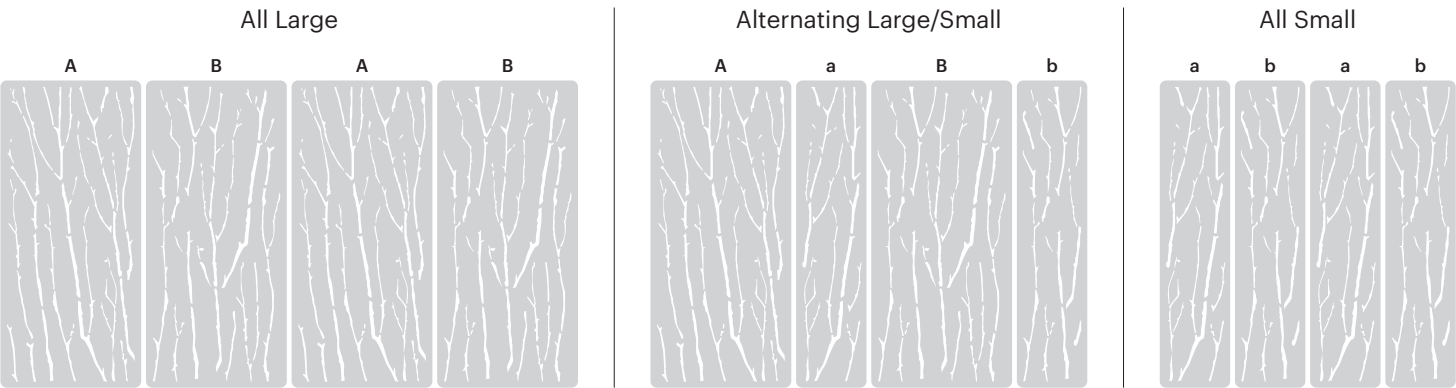
Reeds



Celebration

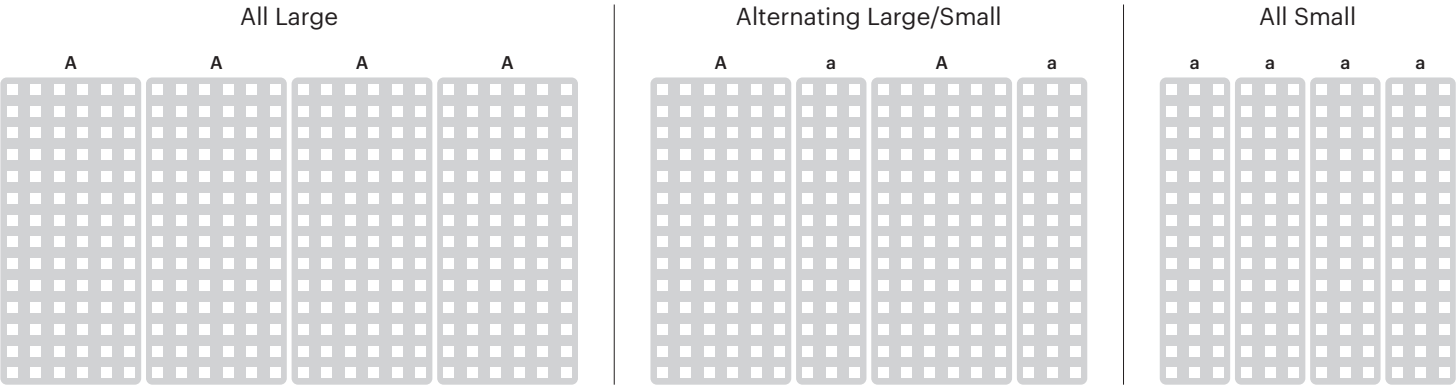


Sprig

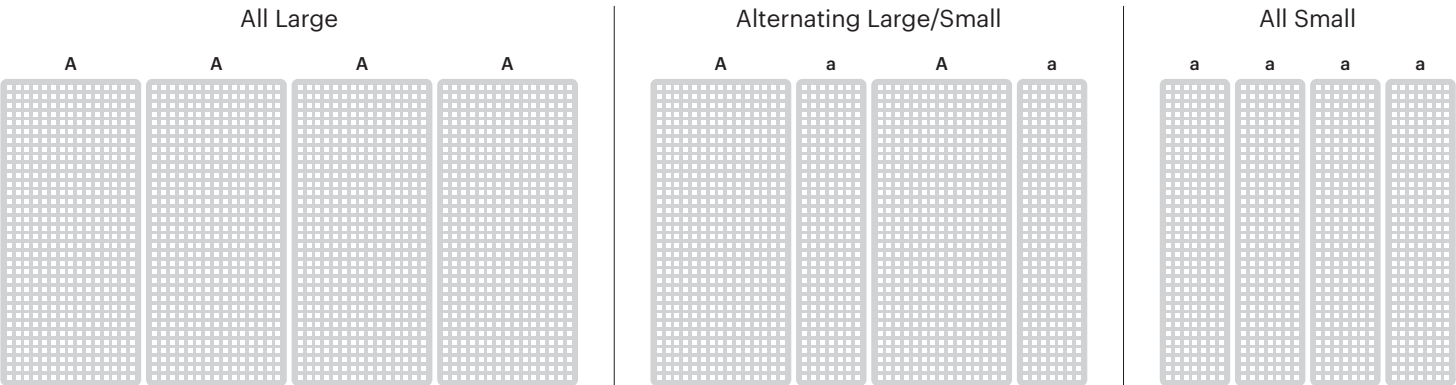


Product Patterns and Layout Ideas

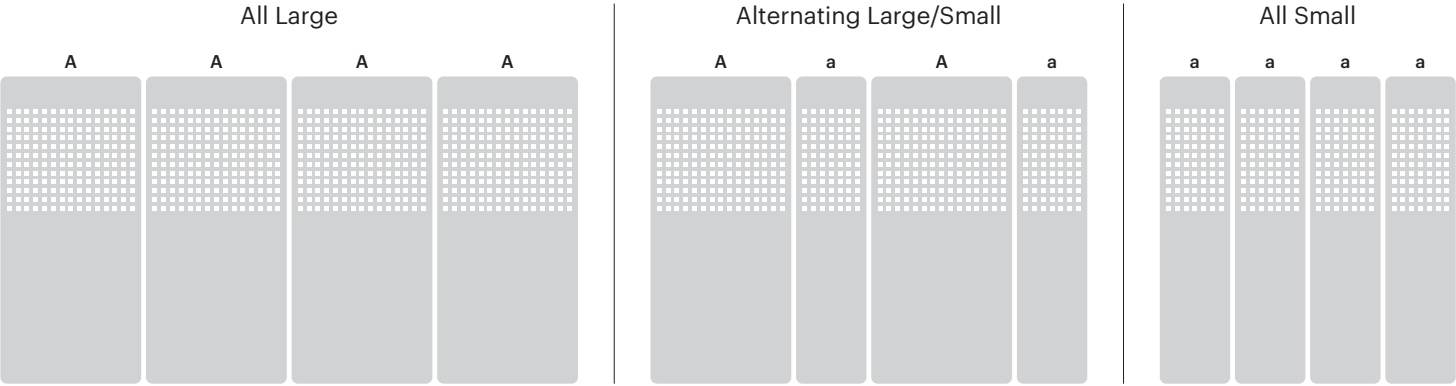
Large Squares



Small Squares



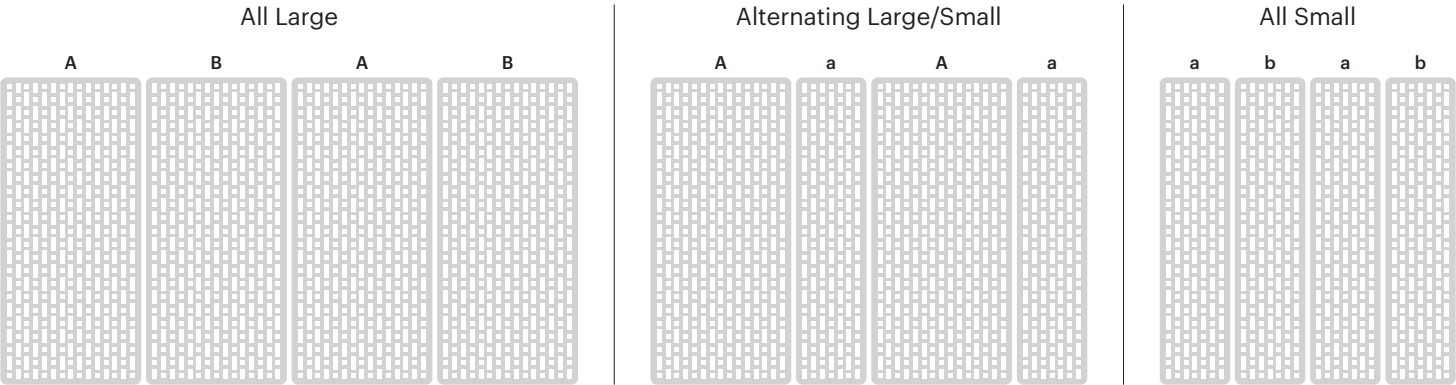
Half Squares



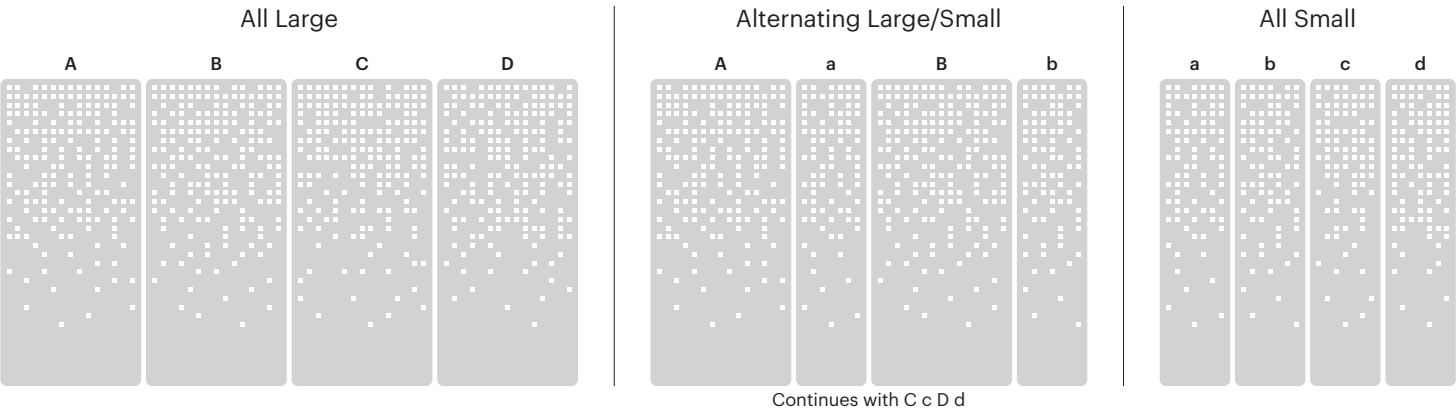


Product Patterns and Layout Ideas

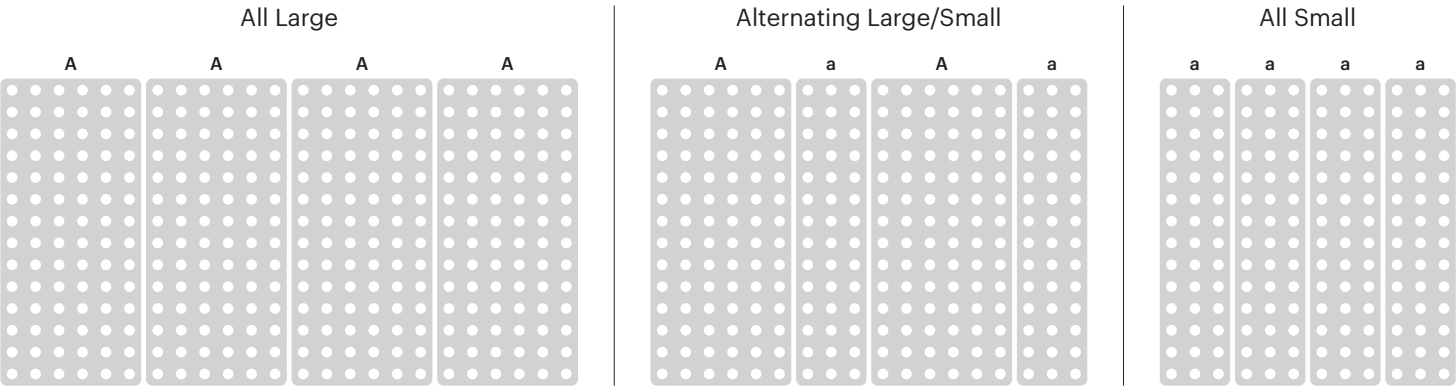
Slotted Squares



Abstract Squares

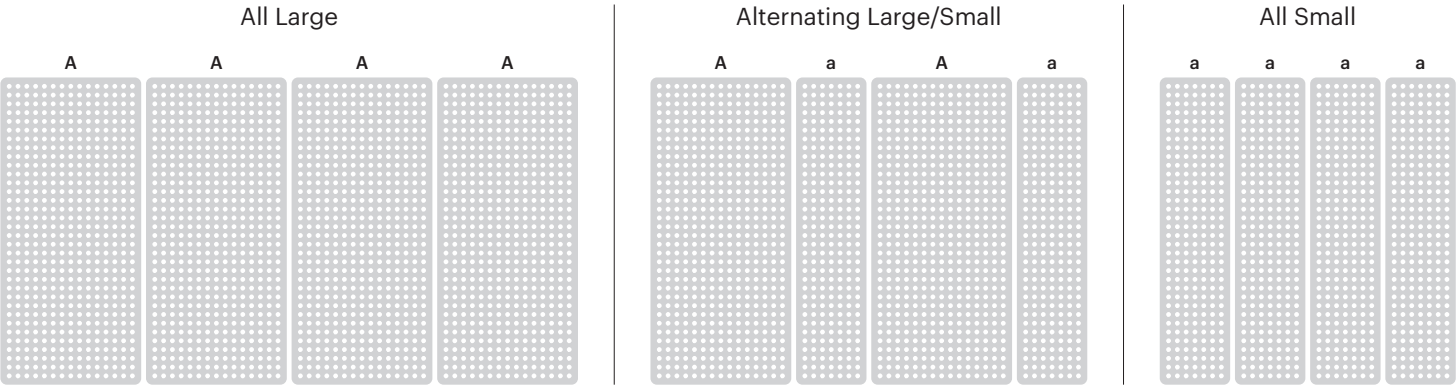


Large Circles

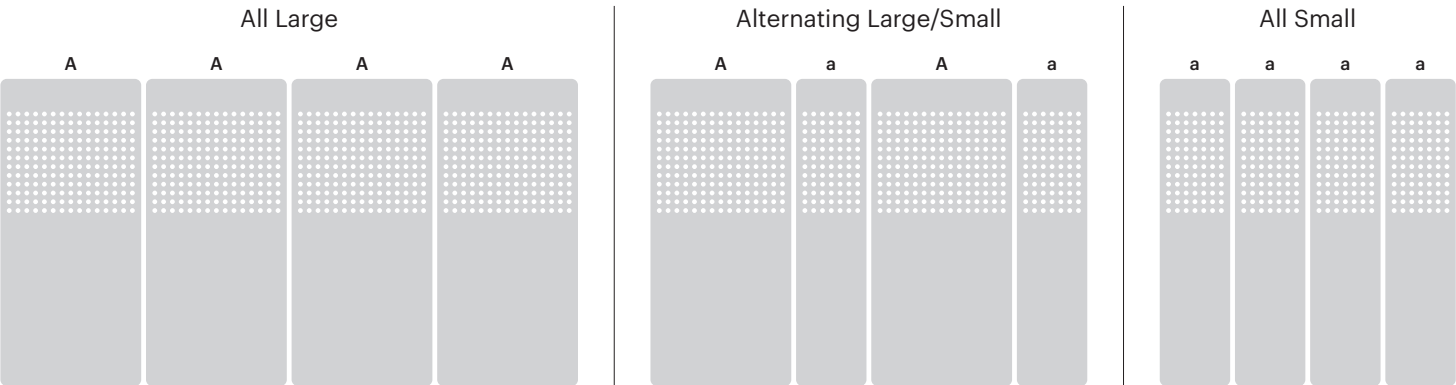


Product Patterns and Layout Ideas

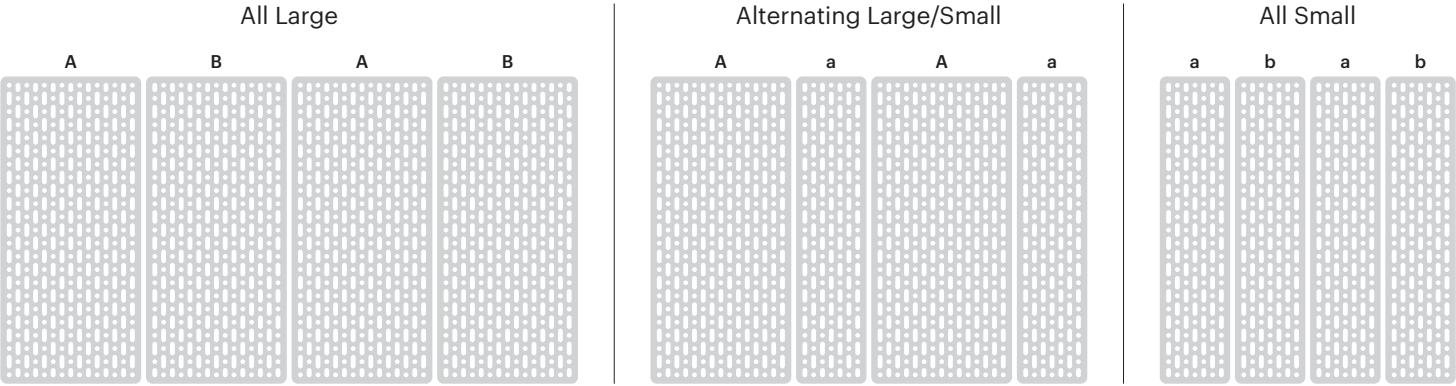
Small Circles



Half Circles

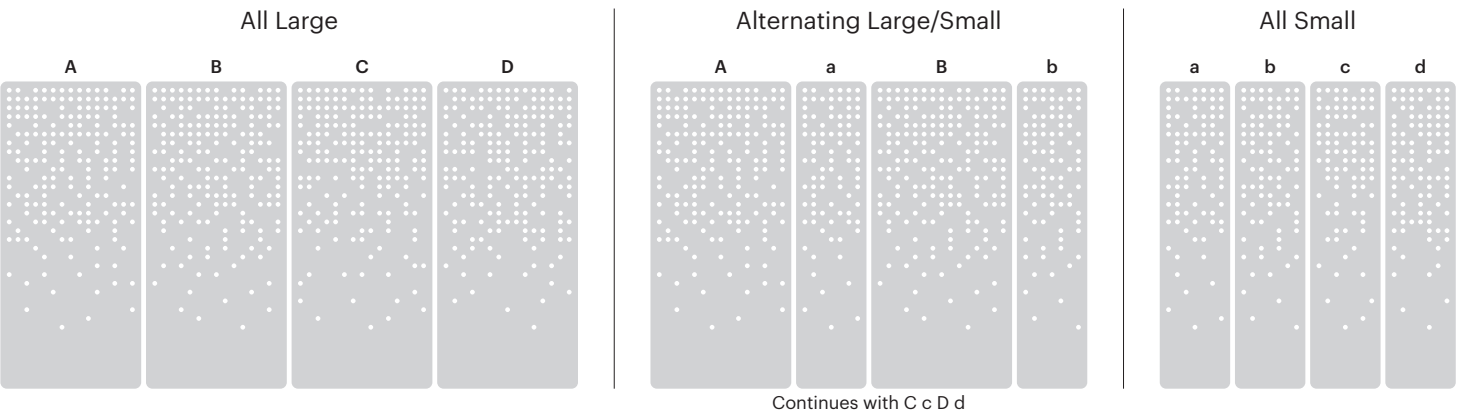


Slotted Circles



# Product Patterns and Layout Ideas

## Abstract Circles



## Plane

