

# Freestanding Cactus



# DESIGNS



Note: Some designs in this collection may have been created using unique special stitches and/or techniques. To preserve design integrity when rescaling or rotating designs in your software, always rescale or rotate designs using the handles directly on-screen.

## FABRIC REQUIRED

### 51298-01 Cactus 1 Section 1

Size Inches:	Size cm:	Stitch Count:
5.08 x 3.45 in	13 x 9 cm	9352 St.



- 1. Front and Back Fabric Placement Stitch ..... 6051
- 2. Cut Line and Tackdown ..... 6051
- 3. Yellow Lace and Detail ..... 6051

## FABRIC REQUIRED

### 51298-02 Cactus 1 Section 2

Size Inches:	Size cm:	Stitch Count:
5.08 x 3.89 in	13 x 10 cm	9335 St.



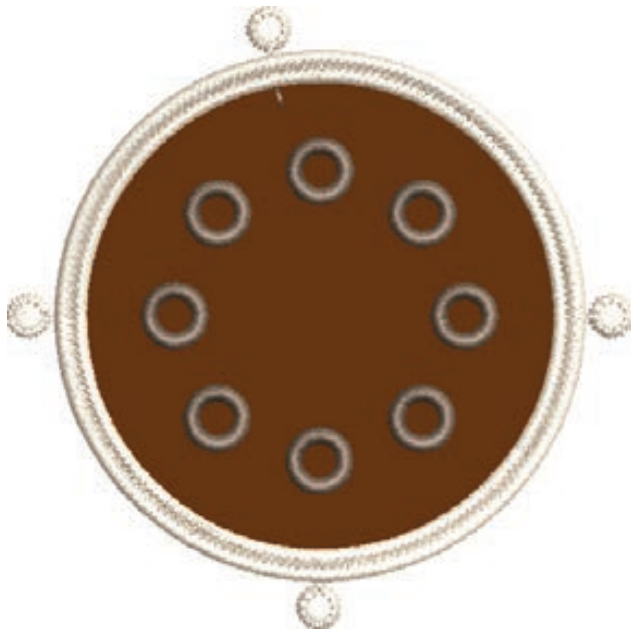
- 1. Front and Back Fabric Placement Stitch ..... 0630
- 2. Cut Line and Tackdown ..... 0630
- 3. Yellow Buttonette ..... 0630
- 4. Yellow Lace and Detail ..... 6051

# DESIGNS



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## FABRIC REQUIRED



### 51298-03 Cactus 1 Soil

Size Inches:	Size cm:	Stitch Count:
<b>3.24 x 3.26 in</b>	<b>8.3 x 8.3 cm</b>	<b>5156 St.</b>

- 1. Brown Fabric Placement Stitch ..... 0870
- 2. Cut Line and Tackdown ..... 0870
- 3. Cream Lace and Detail..... 0870
- 4. Eyelets..... 1565

## FABRIC REQUIRED



### 51298-04 Cactus 1 Pot

Size Inches:	Size cm:	Stitch Count:
<b>9.08 x 1.51 in</b>	<b>23 x 3.9 cm</b>	<b>17713 St.</b>

- 1. Cream Fabric Placement Stitch..... 0630
- 2. Cut Line and Tackdown ..... 0630
- 3. Yellow Detail ..... 0630
- 4. Orange Detail ..... 1220
- 5. Brown Detail ..... 1565
- 6. Cream Lace and Detail..... 0870



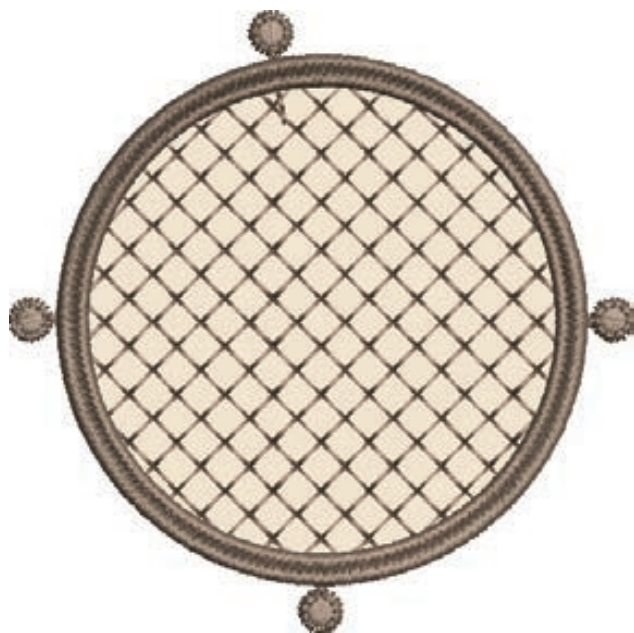
# DESIGNS



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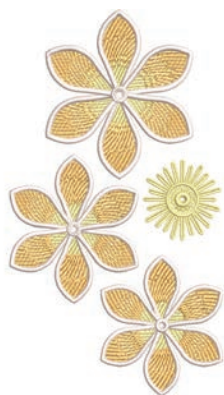
## FABRIC REQUIRED

### 51298-05 Cactus 1 Pot Floor



Size Inches:	Size cm:	Stitch Count:
<b>3.24 x 3.26 in</b>	<b>8.3 x 8.3 cm</b>	<b>4481 St.</b>
<ul style="list-style-type: none"> <li>■ 1. Cream Fabric Placement Stitch..... 1565</li> <li>■ 2. Cut Line and Tackdown ..... 1565</li> <li>■ 3. Brown Lace and Detail ..... 1565</li> </ul>		

### 51298-06 Cactus 1 Flower



Size Inches:	Size cm:	Stitch Count:
<b>7.85 x 4.34 in</b>	<b>20 x 11 cm</b>	<b>34295 St.</b>
<ul style="list-style-type: none"> <li>■ 1. Yellow Lace ..... 0630</li> <li>■ 2. Orange Lace..... 1220</li> <li>■ 3. Pink Lace..... 1860</li> </ul>		

# MATERIALS



## Stabilizers

- Opaque mesh water soluble stabilizer, eg. OESD AquaMesh WashAway
- Clear, heavy film, eg. OESD BadgeMaster WashAway
- Medium weight cutaway stabilizer with a light adhesive coating, eg. OESD StabilStick CutAway

## Fabrics/Textiles

- Dark Green Fabric
- Brown Fabric
- Cream Fabric

## Notion & Tools

- OESD Alligator Clamps
- OESD Button Clips
- OESD Expert Embroidery Tape TearAway
- OESD Expert Embroidery Tape WashAway
- OESD Perfect Punch Tool
- OESD Perfect Embroidery Press Cloth
- BERNINA Jersey/Embroidery Needle 130/705 H SUK 80
- 505 Temporary Adhesive Spray

## Isacord Thread Colors

- Per thread chart
- Match the bobbin thread to the upper thread.

# SUMMARY



**Cactus 1**  
**Completed Size: 5" x 5" x 5.25"**  
**(13 x 13 x 13 cm)**

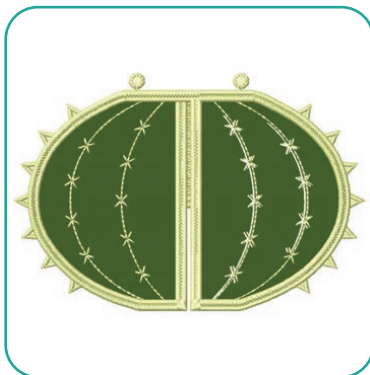
Designs 51298-01 & 51298-02  
Cut 8 dark green fabric  
6" x 4" (15 x 10 cm)

Design 51298-03  
Cut 1 brown fabric 4" x 4" (10 x 10 cm)

Design 51298-04  
Cut 1 cream fabric 10" x 2.5" (25.5 x 6.5 cm)

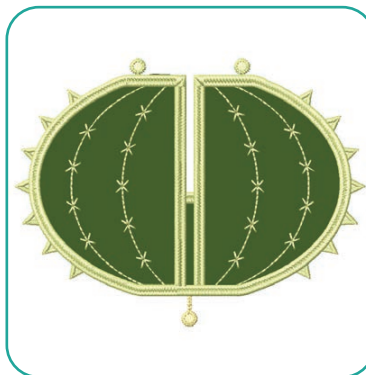
Design 51298-05  
Cut 1 cream fabric 4" x 4" (10 x 10 cm)

51298-01



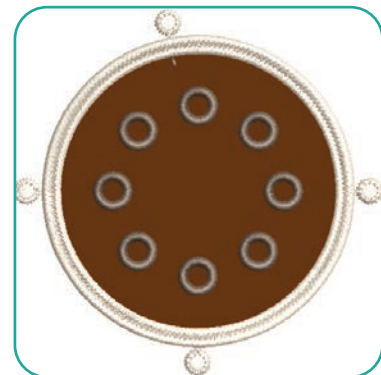
Requires 3 Designs

51298-02



Requires 1 Design

51298-03



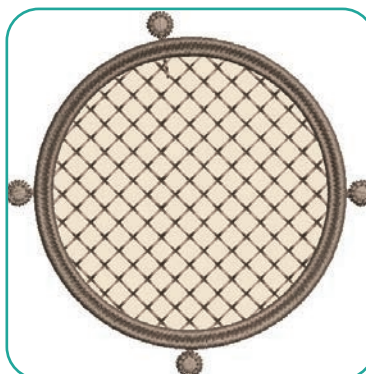
Requires 1 Design

51298-04



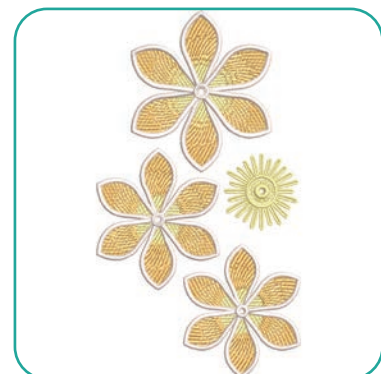
Requires 1 Design

51298-05



Requires 1 Design

51298-06



Requires 1 Design

# EMBROIDERY



## General Instructions

The freestanding applique instructions, included in the collection, are general instructions. For demonstration purposes, a sample design that best demonstrates the technique is shown.

Fabric and thread requirements will vary by design, but the general technique is the same.

Note: Some thread colors in instructions have been changed or digitally enhanced for better visibility.

## □ Step 1 - Single Sided Applique Designs

- Hoop one layer of AquaMesh and one layer of BadgeMaster for all designs.



## □ Step 2

- Adhere two layers of StabilStick CutAway to the wrong side of all applique fabrics, to provide stiffness to the finished structure.

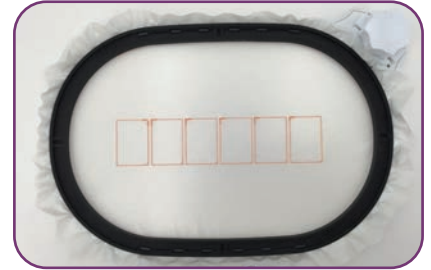


# EMBROIDERY



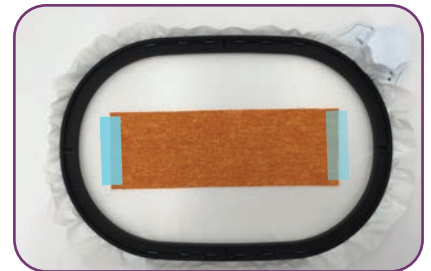
## □ Step 3

- Load selected design into the machine.
- Example design is 51298-10.
- Thread the machine per the thread chart.
- Stitch Machine Step 1, Orange Fabric Placement Stitch.



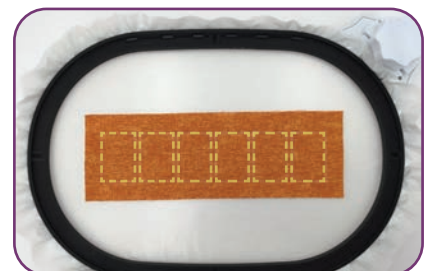
## □ Step 4

- Remove the hoop from the machine, but NOT the project from the hoop.
- Lay the hoop on a flat surface.
- Completely cover the placement stitch with the prepared fabric.
- Tape in place to secure.



## □ Step 5

- Return the hoop to the machine.
- Stitch Machine Step 2, Cut Line and Tackdown.



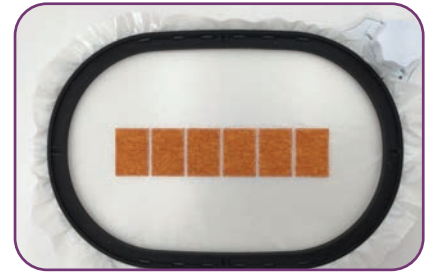


# EMBROIDERY



## Step 6

- Remove the hoop from the machine, but NOT the project from the hoop.
- Trim the excess fabric as close to the cut line as possible. If the outermost stitches (cut line) are cut, the inner stitches (tackdown) will still hold the applique in place.
- Tip: If the AquaMesh is cut or a hole is created while trimming the fabric, use OESD Expert Embroidery Tape WashAway as a patch.



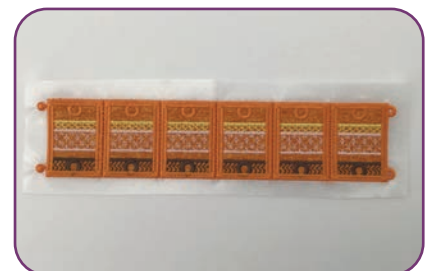
## Step 7

- Return the hoop to the machine and stitch the remaining machine steps, according to the thread chart.



## Step 8

- When the design is complete, remove the project from the hoop and trim the stabilizer 1/4" - 1/2" (6.5 - 13 mm) outside the design.



# EMBROIDERY



## □ Step 9 - Double-Sided Applique Designs

- Hoop one layer of AquaMesh and one layer of BadgeMaster for all designs.



## □ Step 10

- Adhere one layer of StabilStick CutAway to the wrong side of all applique fabrics, to provide stiffness to the finished structure.
- Note: Since this is a double-sided applique only 1 layer per fabric is needed to provide stiffness to the structure.



## □ Step 11

- Load selected design into the machine.
- Example design is 51298-16.
- Thread the machine per the thread chart.
- Stitch Machine Step 1, Front/Back Fabric Placement Stitch.



## □ Step 12

- Remove the hoop from the machine, but NOT the project from the hoop.
- Lay the hoop on a flat surface.
- Completely cover the placement stitch with the prepared fabric.
- Tape in place to secure.



# EMBROIDERY



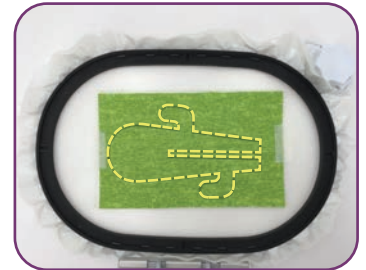
## □ Step 13

- Turn the hoop over and place the fabric, right side up, completely covering the placement stitch.
- Carefully tape to secure. Avoid pushing too hard on the stabilizer to prevent it from dislodging from the hoop.



## □ Step 14

- Return the hoop to the machine.
- Stitch Machine Step 2, Cut Line and Tackdown.



## □ Step 15

- Remove the hoop from the machine, but NOT the project from the hoop.
- Trim the excess fabric as close to the cut line as possible. If the outermost stitches (cut line) are cut, the inner stitches (tackdown) will still hold the applique in place.
- Tip: If the AquaMesh is cut or a hole is created while trimming the fabric, use OESD Expert Embroidery Tape WashAway as a patch.



## □ Step 16

- Turn the hoop over and trim the excess fabric as close to the cut line as possible. If the outermost stitches (cut line) are cut, the inner stitches (tackdown) will still hold the applique in place.



# EMBROIDERY



## □ Step 17

- Return the hoop to the machine and stitch the remaining machine steps, according to the thread chart.
- Match the bobbin thread to the upper thread throughout.



## □ Step 18

- When the design is complete, remove the project from the hoop and trim the stabilizer 1/4" - 1/2" (6.5 - 13 mm) outside the design.



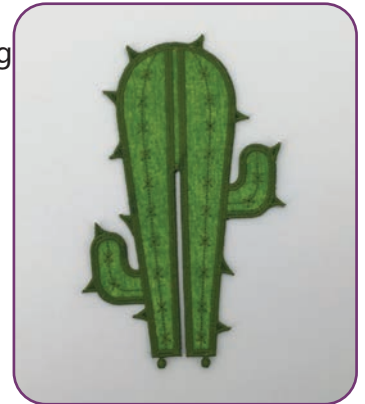


# ASSEMBLY



## □ Step 19

- Rinse each piece in warm running water until the design is only slightly tacky.
- Lay right side down on a non-stick surface to dry. Parchment paper or a cooling rack work well to prevent curling. Dry completely.



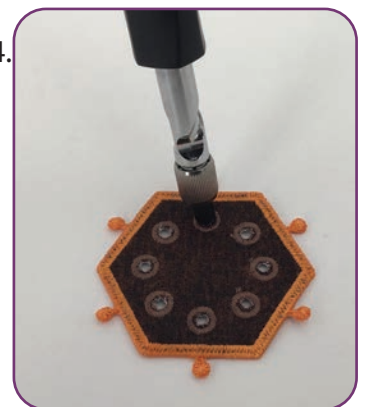
## □ Step 20

- Once dry, press right side down on a Perfect Embroidery Press Cloth.



## □ Step 23

- Using the OESD Perfect Punch Tool fitted with the 3mm tip, punch out the designated eyelets on the Freestanding Cacti sections, 51298-03 and 51298-04.
- Reference the Punch Tool Guide on page 20.

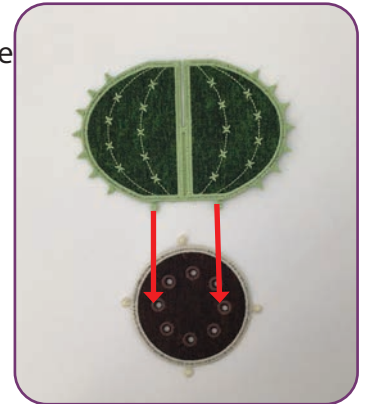


# ASSEMBLY



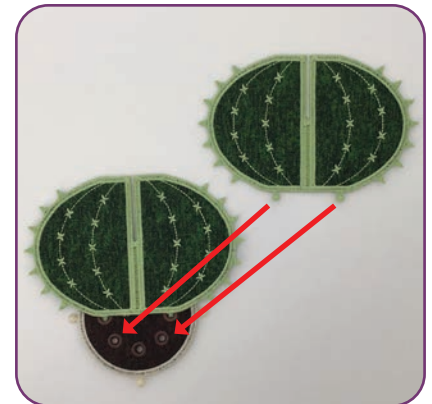
## □ Step 24 - Cactus 1

- Match the two center eyelets of 51298-03 Cactus 1 Soil to the two buttonettes on one of the 51298-01 Cactus 1 section 1 pieces as shown. Pull each buttonette through the corresponding eyelet.



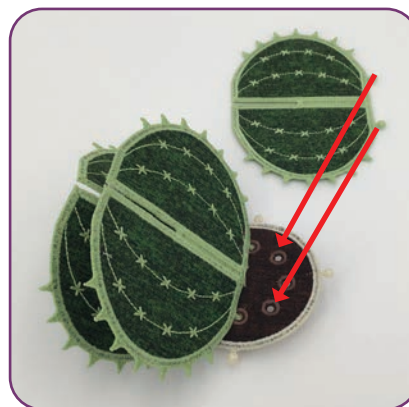
## □ Step 25

- Match the two eyelets of 51298-03 Cactus 1 Soil to the two buttonettes on one of the 51298-01 Cactus 1 Section 1 as shown. Pull each buttonette through the corresponding eyelet.



## □ Step 26

- Match the two eyelets of 51298-03 Cactus 1 Soil to the two buttonettes on one of the 51298-01 Cactus 1 Section 1 as shown. Pull each buttonette through the corresponding eyelet.

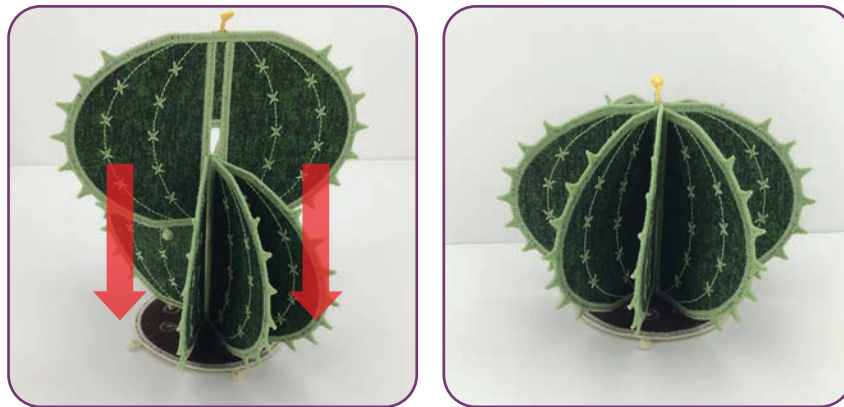


# ASSEMBLY



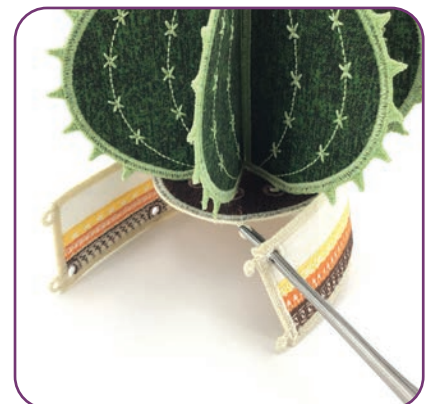
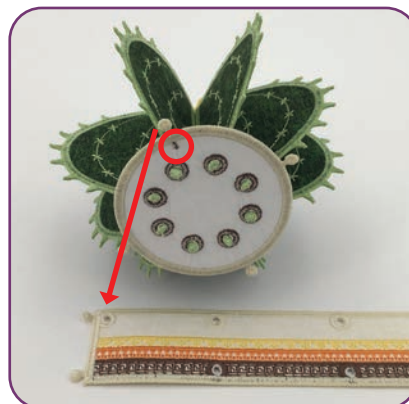
## Step 27

- Bring the three 51298-01 Cactus 1 Section 1 pieces together to the middle and align the tips to create a gap. Slide 51298-02 Cactus 1 Section 2 down the gap and pull each buttonette through the remaining corresponding eyelets.



## Step 28

- NOTE: Cactus 1 Soil 51298-03 and Cactus 1 Pot Floor have a small stitch to indicate the offset buttonette.
- Match the buttonette with the indicated stitch on 51298-03 Cactus 1 Soil to the end eyelet located on the top of 51298-04 Cactus 1 Pot as shown. Pull the buttonettes through the corresponding eyelets of the Cactus 1 Pot.

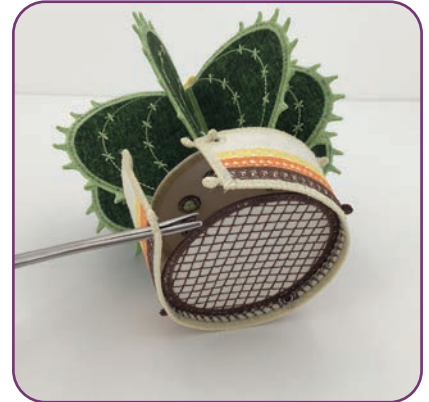
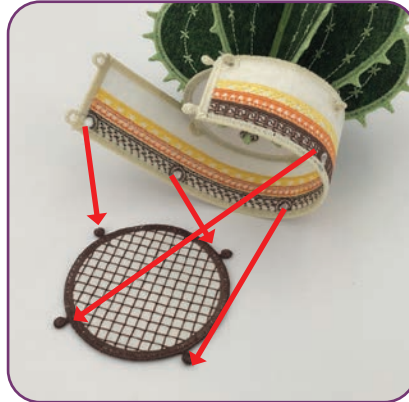


# ASSEMBLY



## Step 29

- Match the buttonette with the indicating stitch on 51298-05 Cactus 1 Pot Floor to the end eyelet located on the bottom of 51298-04 Cactus 1 Pot as shown. Pull the buttonettes through the corresponding eyelets of the Cactus 1 Pot.



## Step 30

- Pull the two remaining buttonettes on the side of the pot through their corresponding eyelets as shown.



## Step 31

- To shape the flowers, pinch the tip of each petal as shown. This can be done when wet or dried with some added spray starch.





# ASSEMBLY



## □ Step 32

- Pull the buttonette on 51298-02 Cactus 1 Section 2 through the center eyelet of 51298-06's largest flower as shown.



## □ Step 33

- Pull the buttonette on 51298-02 Cactus 1 Section 2 through the center eyelet of 51298-06's medium flower as shown.



## □ Step 34

- Pull the buttonette on 51298-02 Cactus 1 Section 2 through the center eyelet of 51298-06's smallest flower as shown.



# ASSEMBLY



## □ Step 35

- Pull the buttonette on 51298-02 Cactus 1 Section 2 through the center eyelet of 51298-06's stamen piece as shown.
- Cactus 1 is Complete!



# GENERAL FREESTANDING LACE GUIDE



## Stabilizer

- OESD AquaMesh
- OESD BadgeMaster

## Notion/Tools

- BERNINA Jersey-/Embroidery Needle 130/705 H SUK 80
- OESD Alligator Clamps
- OESD Button Clips
- OESD Perfect Point and Press Tool

## Isacord Thread Colors

- All OESD designs are digitized with Isacord 40 wt. polyester thread as the top thread and in the bobbin.
- Refer to the thread chart for color specifications.
- Match bobbin thread color to the top thread.

## Instructions

### Step 1 - Hoop

For FSL structures, hoop one layer of OESD AquaMesh and one layer of OESD BadgeMaster. BadgeMaster contains more starch so, combined with the AquaMesh, the lace is more rigid.

For other FSL, where a softer lace is desired, hoop two layers of AquaMesh.

### Step 2 - Embroider

Stitch the design per the thread chart with matching thread in the bobbin at each color change.

When complete, remove from the hoop and trim away excess stabilizer about 1/4"-1/2" from the stitching.

### Step 3 - Rinse

Rinse remaining stabilizer out in warm running water.

For stiffer lace and FSL structures, DO NOT rinse away all of the stabilizer. The lace should be just slightly tacky.

For softer lace, rinse until all traces of the stabilizer is removed.

### Step 4 - Dry

Lay right side down flat on a non-stick surface, such as a cookie rack, parchment paper or Teflon sheet. This minimizes the tendency for the lace to curl.

Let the pieces dry completely before proceeding with any assembly.

### Step 5 - Press

Once completely dry, press right side down on a OESD Perfect Embroidery Press Cloth.

### Step 6 - Assemble Structure

Note: Specific assembly instructions for a design/collection may be found in the thread chart pdf following the individual design color charts.

Lace must be COMPLETELY DRY before assembly. Wetting the buttonettes or eyelets to assemble is not recommended and may result in them stretching and coming "unbuttoned" when dry.

Use a pair of OESD Alligator Clamps to insert the buttonettes into the eyelets. Insert the tip of the OESD Alligator Clamps into the eyelet, grasp the buttonette and pull through the eyelet. Alternatively, use a stiletto or tweezers to push the buttonette through the eyelet.

## Helpful Tips

### Limp Lace

If the design is not stiff enough, press the lace pieces on the wrong side while applying spray starch. After ironing, spray again with starch and allow to dry completely. This will stiffen the lace pieces nicely and aid in construction. Or easily re-stiffen by diluting some stabilizer scraps in water (or use liquid starch) and dipping the item in the solution. Lay flat to dry.

### Eyelets Too Small

If any of the eyelets appear closed or too small to penetrate with Alligator Clamps, they may be stretched by inserting the small end of the OESD Perfect Point and Press Tool into the eyelet opening and stretching it open wide enough to accommodate the OESD Alligator Clamps.

### Button Clips

During the assembly process, some structures pull on buttonettes that have already been inserted and could pull them out altogether. Putting a Button Clip on the assembled buttonette will keep it in position during the assembly process. Remove the Button Clips when the assembly is complete.

### Alternative Construction Option

In some cases, the buttonettes may be pulled to the inside of a project, instead of being visible on the outside.

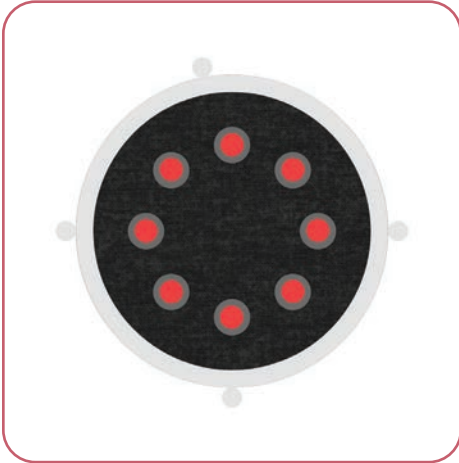
Insert the OESD Alligator Clamps through the eyelet from the wrong, or inside, of the lace and grasp the corresponding buttonette. Pull the buttonette to the wrong side of the lace.

Pulling the buttonettes to the inside may cause stress on the ones already done. Button clips may be placed on the completed buttonette(s) to prevent them from pulling out of the eyelet.

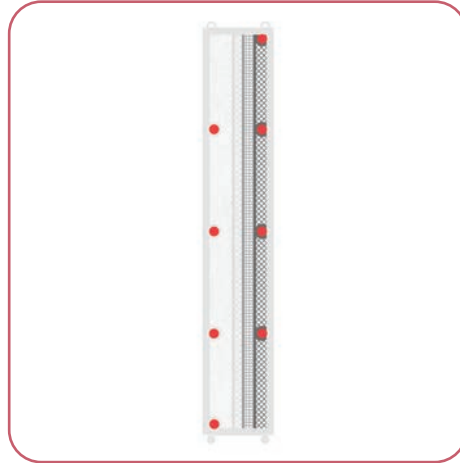
# PUNCH TOOL GUIDES



51298-03



51298-04



-  = 2 MM
-  = 3 MM
-  = 4 MM