

 THE EMBROIDERY COACH

How to Create Small Lettering That Sews Out Great Using Your Embroidery Fonts!


Part 1




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Small Lettering Basics





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Learning Objective:

Understanding How To Work With Small Lettering!




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 **This is going to teach you about:**

- Common Issues with Small Lettering
- The Basic Rules for Small Lettering
- Underlay Stitching and Pull Compensation Basics
- Adjusting the Styles or Recipes
- How to Add a Background Fill Under Small Lettering for Fleece and Mesh
- Backing or Stabilizer Recipes for Left Chest Logos

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 **In Part 1 We Are Covering:**

- Common Issues with Small Lettering
- The Basic Rules for Small Lettering
- Underlay Stitching and Pull Compensation Basics

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 **Common Issues With Small Lettering**

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Common Issues of Small Lettering:

- Unreasonable Demands by Customers
- Holes in Fabrics
- Selecting Fonts Not Suitable for Small Lettering
- Giving Customers Too Many Choices




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Unreasonable Demands by Customers

- Wrong style font
- Font style too small
- Too many letters all on one line
- You must let the customer know what will work and if you need to make changes
- No more than 4 inches on left chest designs



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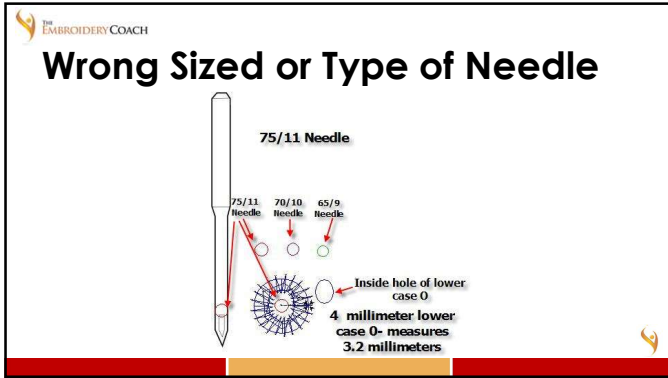
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Holes In Fabrics:

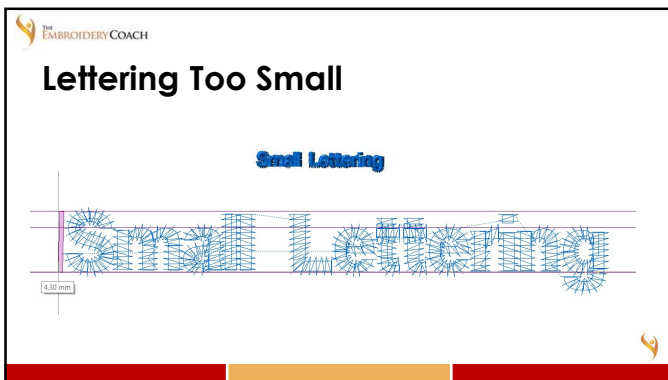
- The wrong type of needle
- The wrong sized needle
- Lettering too small
- A burr on the needle
- Too many stitches in your design
- Too many stitches in one area in your design
- The wrong type of backing



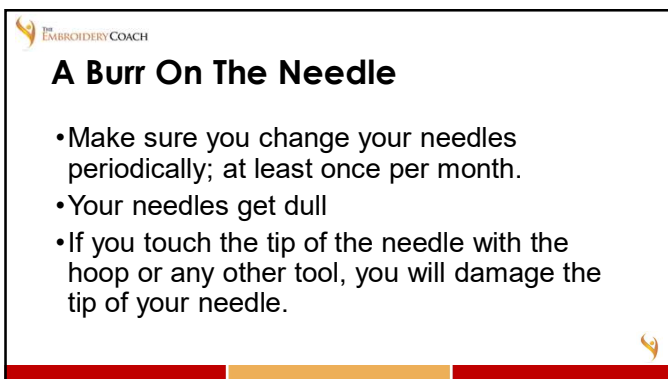
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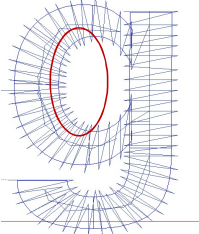
Burr On The Needle



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Too Many Stitches In Your Design or In One Area Of Your Design



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Wrong Type of Backing/Stabilizer

“If you wear it, don’t tear it!”

- Do not use Cutaway Backing on Woven Fabrics
- 2 layers of Crisp 1.5 oz Tearaway backing
- On Knit fabrics – 2 layers of No Show & 1 layer of Crisp Tearaway.

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Selecting Fonts Not Suitable for Small Lettering – 5 mm

Fonts Not Suitable
Fonts Not Suitable
Fonts Not Suitable
Fonts Not Suitable
Fonts Not Suitable

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Giving Customers Too Many Choices

Script Fonts

<i>Algebra Script</i>	<i>Brush Script</i>	<i>Custom Script</i>
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i> <i>abcdefghijklmnopqrstuvwxyz</i>	<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i> <i>abcdefghijklmnopqrstuvwxyz</i>	<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i> <i>abcdefghijklmnopqrstuvwxyz</i>
Algebra Script Full Alphabet - Upper and Lower Case	Brush Script Full Alphabet - Upper and Lower Case	Custom Script Full Alphabet - Upper and Lower Case

Block Fonts


PLAIN BLOCK	FULL BLOCK	GOUDY BLOCK
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z	A B C D E F G H I J K L M N O P Q R S T U V W X Y Z	A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
Plain Block Full Alphabet - Upper Case Only	Full Block Full Alphabet - Upper Case Only	Goudy Block Full Alphabet - Upper Case Only

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Basic Rules For Small Lettering

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 **Basic Rules For Small Lettering**


- Use all caps if at all possible
- Lower the density 15 to 25%
- Metallic Thread – Decrease density 25%
- Letters with Serifs should be avoided
- All Small Lettering should be connected with no locks or trims
- Check to see if you have a lumps at the end of your small lettering

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 **Basic Rules For Small Lettering**


- All Columns must be a Minimum of 1 mm to sew.
- Some fonts will not work when they are decreased to less than one fourth of an inch.
- Bring down the lower portion of the l and move up the dot slightly.
- Center of lower case letters will need to be opened up.

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 **Basic Rules For Small Lettering**

- Small Lettering has a tendency to push and pull more than the large lettering.
- I have found that I have better control over standard fonts that have not been digitized specifically for a certain size.


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Underlay Stitching & Pull Compensation Basics




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Underlay Stitching has 6 Basic Functions

- It attaches the garment to the backing creating a stable surface and smooth platform for the topstitching.
- It helps to reduce the amount of give in the fabric.
- It hides the color of the fabric that will be covered with stitching.



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Underlay Stitching has 6 Basic Functions

- It helps to reduce the density of the topstitching.
- It stops the fabric from puckering.
- It keeps the stitches from sinking into the fabric.



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3 Different Types of Underlay Stitching

- Run Stitches
- Zig Zag Stitches
- Fill or Tatami Stitches

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Underlay Samples

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What is Pull Compensation?

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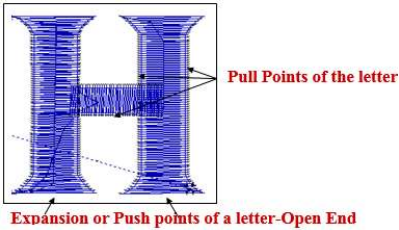
Pull Compensation

- Most fabrics require that Pull Compensation be added.
- The larger the area, the more push and pull
- Knits are known for pulling in.
- The softer the fabric the more you will have this push-pull effect.

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Push & Pull Points!



The diagram shows a blue embroidered letter 'H'. Red arrows point to the top corners of the vertical stems, labeled 'Pull Points of the letter'. Red arrows point to the bottom corners of the vertical stems, labeled 'Expansion or Push points of a letter-Open End'.


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Added Notes

- Always save your outline designs in your native software file
- You want the finished embroidery to look the same on a denim shirt as it does on a polo.
- You must have a good understanding of both before you can create high-quality designs.



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 **Added Notes**


- In Small Lettering Part 1 I am going to be going into the specific settings in the software and how to adjust the settings for the different fabrics.
- Showing you how to add a background to small lettering when you have to place it on a fleece or mesh.





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 **Action Steps:** 

- Watch this recording over a couple of times so that you can get a good understanding of the issues with small lettering
- The basic rules of Small Lettering
- Underlay Stitching and Pull Compensation.
- If you have access to the Underlay Stitching and the Pull Compensation modules, go into them and study them in depth.



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 **Questions?** 



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