# Data7Consultancy

Data 7 EDS
How to create your own special stitches

This help document will show you how to digitise and create your own 'special stitches'.
It assumes you have read the 'How to digitise a straight and curved running stitch' how to document.

## Step 1: (Open EDS)
To start, open the Data 7 EDS system.

## Step 2: (Design Values)
Set your desired stitch length and density using the EDS 'Preferences' as shown below.
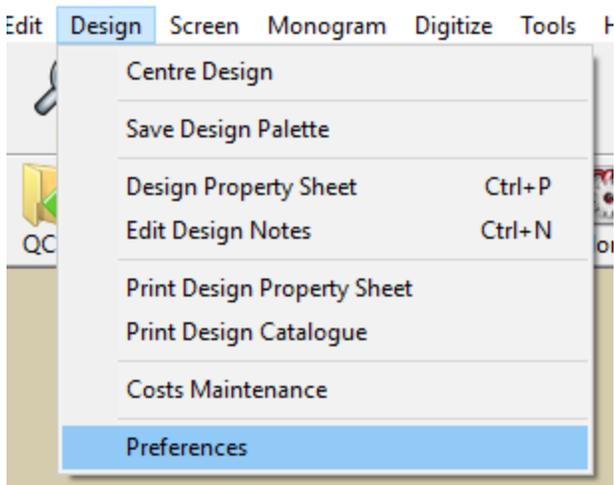


The stitch length in this example is set to 30 points highlighted below. Each point is 0.01mm and so 30 points = 3.00 mm meaning that each running stitch will be placed 3mm apart from each other. You can change this to your own value if needed.

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Data 7 EDS
How to create your own special stitches
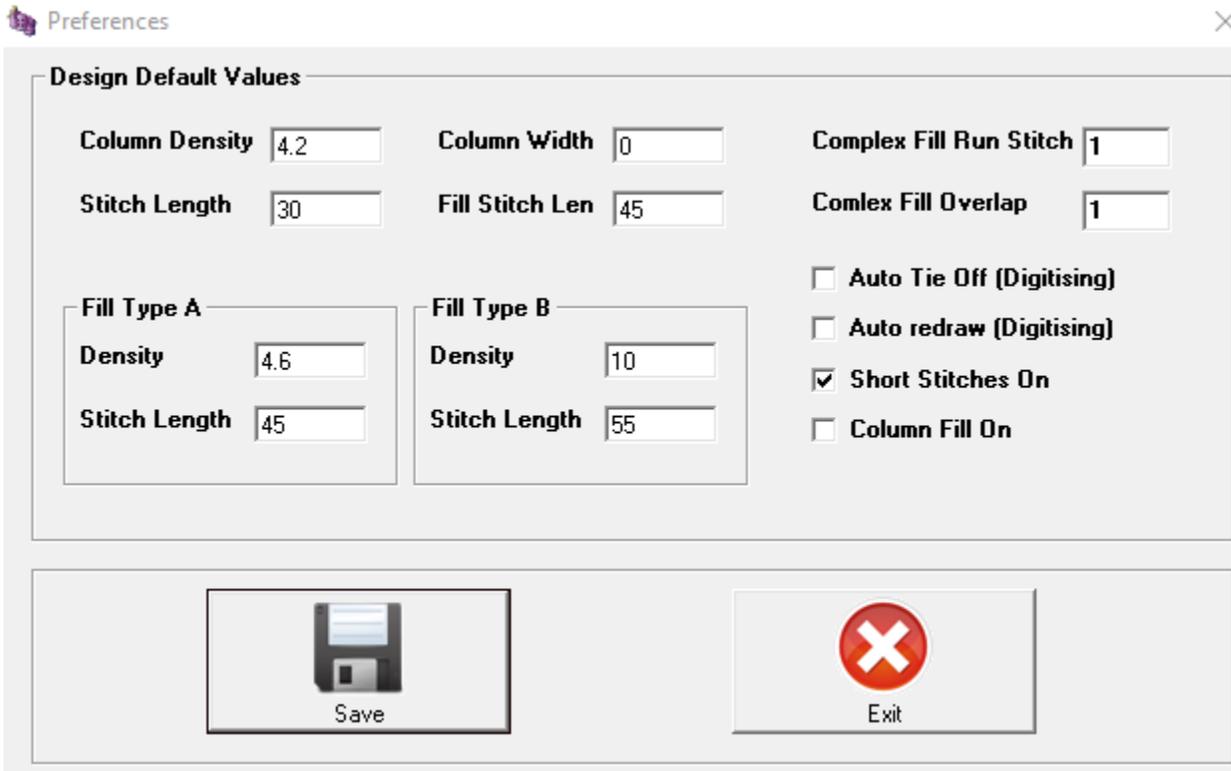
You can find more about these values and others, what they do and how to use them in the "Design Values Tutorial".

## Step 3: (Start digitising)
Start a new digitising session by selecting "Start Session" from the "Digitise" menu or the 'Dig' icon as show below.
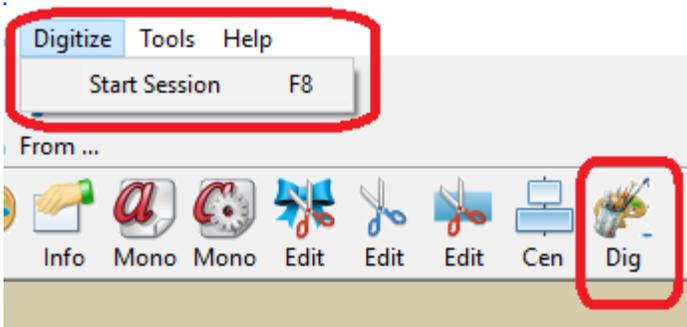


## Step 4: (Choose colour)
Next choose a starting colour you wish to digitize with using the "Color" diaglog box as shown below.

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Data 7 EDS
How to create your own special stitches
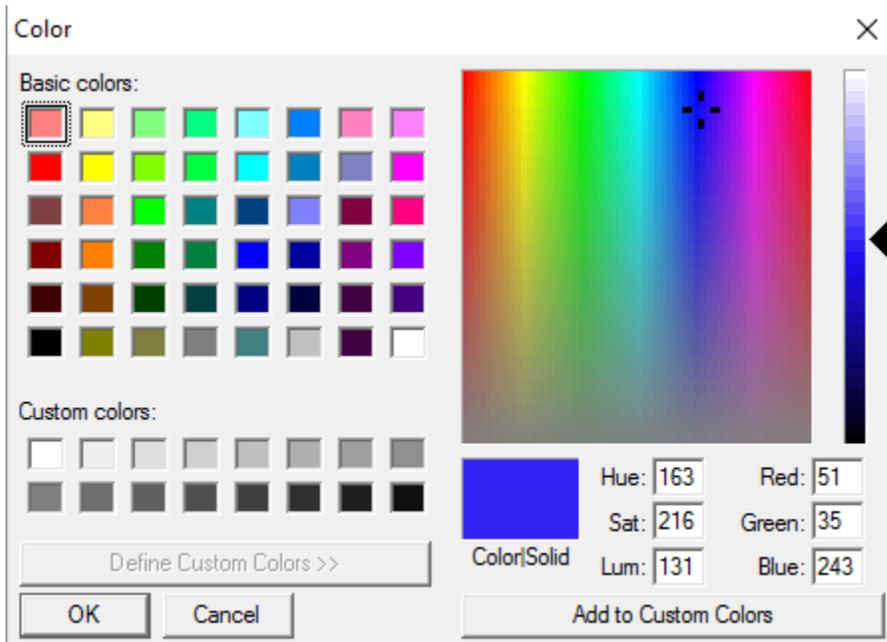
## Step 5: (Mark the design origin)

Mark the Origin or centre of your design using the left mouse button.  This can be anywhere in the digitising window as shown below

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Data 7 EDS
How to create your own special stitches

## Step 6: (Digitising your special stitch)

Please note:  The first and last stitches in the special stitch design dictate the **angle** that the special stitch will be sewn and must be a condense format 'run stitch'.  In fact, all stitches must be 'run stitches'.

OK, so we can now start to create our special stitch by clicking the left mouse button to lay down 'running stitches' in way we want to.  In the below example I've created a simple column type special stitch.  See image below.
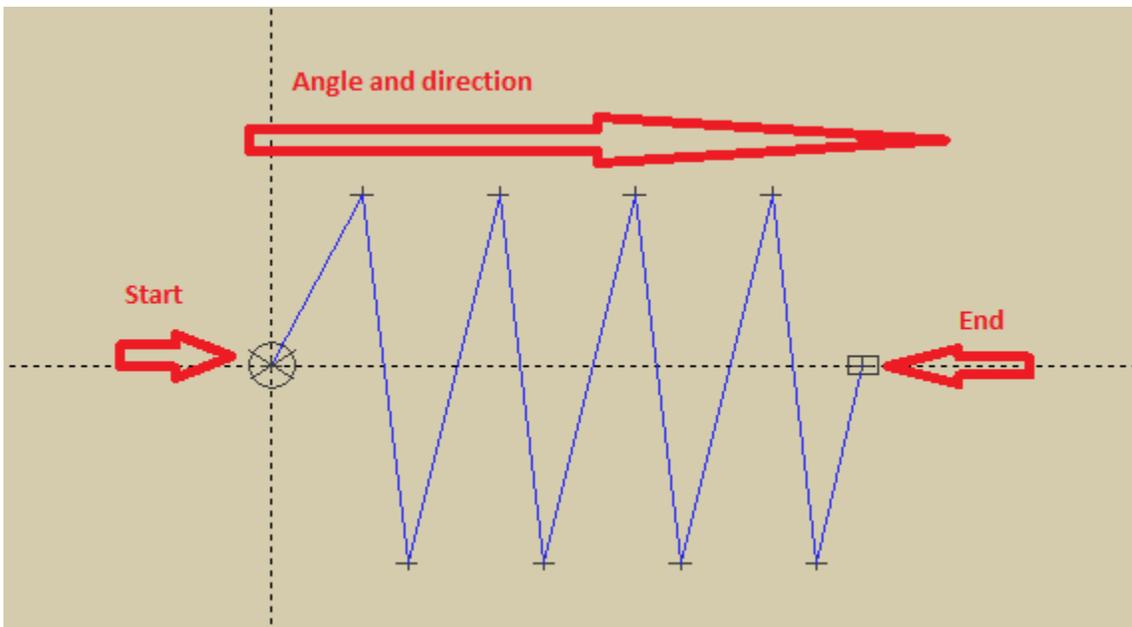


Once complete, you can use the 'point editing' option to refine your special stitch.

## Step 7: (Saving your special stitch)
**The format and name you give your special stitch is important.  You must use the 'save as a special stitch' option and the name 'must' be a 1 or 2 digit number for example; 1.qss, 2.qss, 10.qss etc.**

Ok, so go ahead and choose the 'Save As Special Stitch' option as shown below.

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Data 7 EDS
How to create your own special stitches

| File | Image | Zoom | Edit | Design | Screen |
|------|-------|------|------|--------|--------|

New

Open                           Ctrl+F1
Open Quick Condensed           F1
Open Quick Expanded            F2
Open Special Stitch

Recent files                   >

Save Design As                 Ctrl+F2

Save Condensed
Save Condensed As
Save Expanded
Save Expanded As
**Save As Special Stitch**

Printer Setup
Print Window
Save Window As BMP

Alphabet Maintenance
Fill Pattern Editor

Exit
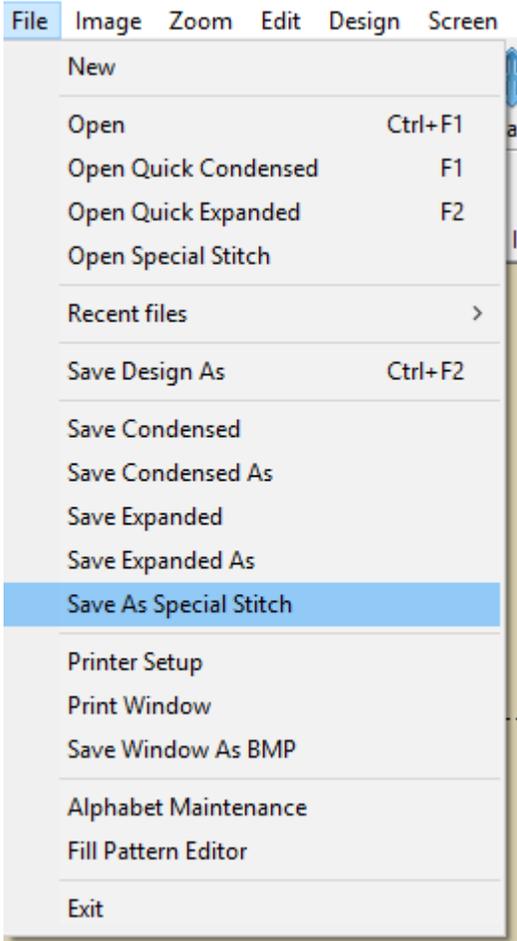
Enter your 2 digit number, see example below

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How to create your own special stitches
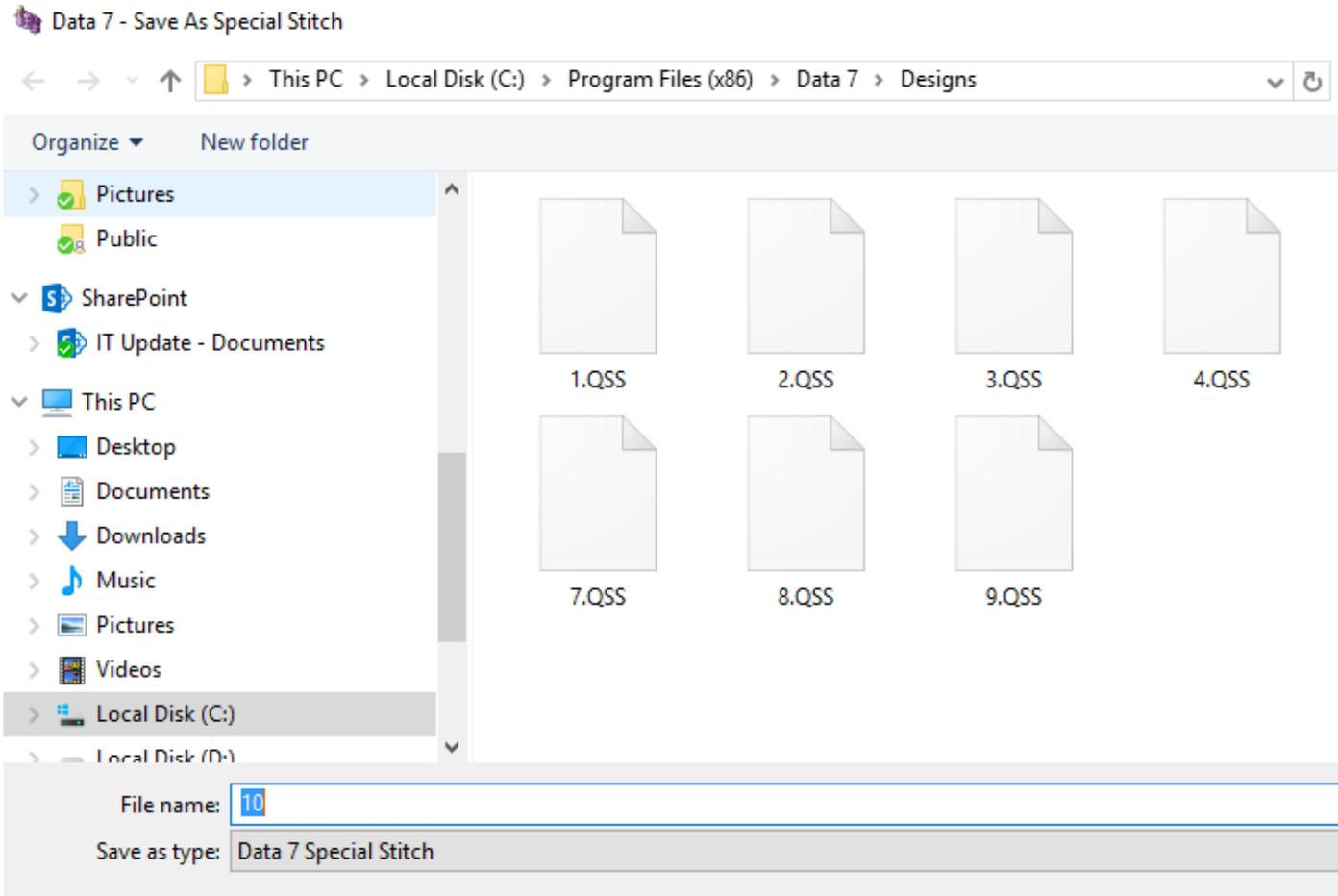
Now click the save button.  OK, your special stitch is now ready to use.

To start using your new special stitch, please see 'How to digitise using special stitches (Straight and curved)' help document.

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How to create your own special stitches

## Finished Example:

Below is an example of how our new special stitch looks when used in a line or curve.

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