







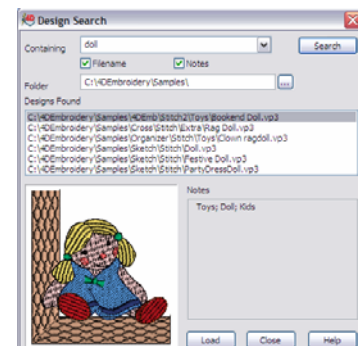
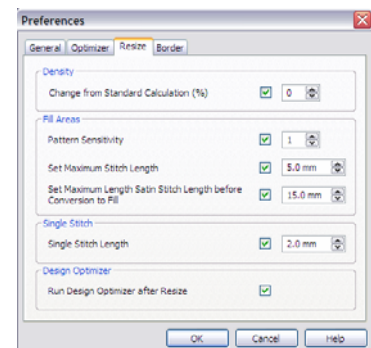





Intermediate Software – 4D Stitch Editor Resizing – Pattern Sensitivity and Set Maximum Stitch Length in Fill Areas

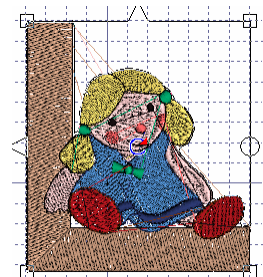
By:
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Embroidery Software Education


1. Open 4D Embroidery Extra .
2. QuickLink to 4D Stitch Editor .
3. Click Hoop .
4. Set the Hoop Group to My Hoops or Pfaff creative vision.
5. Set the Hoop Size to 240mm x 150mm – creative Master Hoop.
6. Set the Orientation to Vertical then click OK.
7. Click Preferences .
8. On the General tab, set the Grid Size to 10mm.
9. Click the Resize tab. Set the Density at 0, the Fill Areas – Pattern Sensitivity to 1, Set Maximum Stitch Length to 5.0 and Set Maximum Length Satin Stitch Length before Conversion to Fill at 15. Set the Single Stitch Length to 2.0, leave Run Design Optimizer after Resize checked then click OK.
10. Click Find Designs .
11. Type 'doll' in the Containing box.
12. Leave Filename and Notes checked.
13. Browse  to set Folder to C:4DEmbroidery\Samples then click OK.
14. Click Search.
15. Select
C:\4DEmbroidery\Samples\4DEmb\Stitch2\Toys\Bookend Doll.vp3 then click Load.
16. Click Close to close the Design Search box.
17. If Necessary, click the drop down arrow next to Grid  and choose Grid Numbered Full .

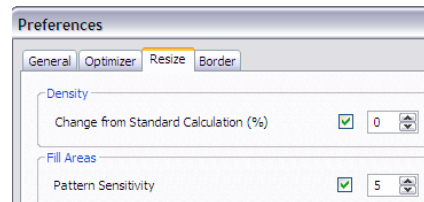



Resize the Bookend Doll

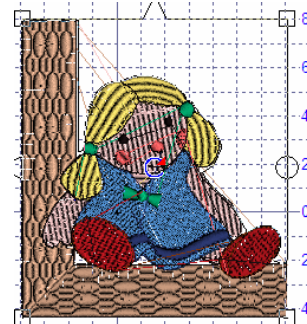
18. Click Make Block from Visible Area .
19. Click Resize .
20. Holding down the CTRL key on your keyboard to keep the bookend doll proportional, click and drag to increase it to about the horizontal 8 grid line.
21. Notice the fill patterns have all been changed to a generic pattern when we resized.
22. Click Undo .




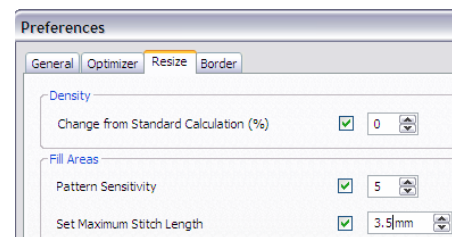
23. Go back to Preferences .
24. Choose the Resize tab and set the Pattern Sensitivity to 5 then click OK.







25. Click Make Block from Visible Area .
26. Holding down the CTRL key on your keyboard to keep the bookend doll proportional, click and drag to increase it to about the horizontal 8 grid line again. Notice this time all the patterns remained the same as the original design. However, notice the bookend fill pattern. Some of the oval shapes have added stitches and others have not.



27. Go back to Preferences .
28. Choose the Resize tab and notice the Set Maximum Stitch Length for Fill Areas by default is set to 5.0 mm.
29. Change the Set Maximum Stitch Length to 3.5 mm then click OK.



30. Click Undo  to undo the resize. This will not undo the change we just made in Preferences, it will just undo the actual step taken in the embroidery design.
31. Click Make Block from Visible Area .
32. Holding down the CTRL key on your keyboard to keep the bookend doll proportional, click and drag to increase it to about the horizontal 8 grid line again.
33. Notice this time stitch points have been added in the middle of the oval bookend sections to create a better looking design.
34. Click Resize  to turn resize off.
35. Click Save As  and save the design in your C:\4DEmbroidery\MyDesigns folder as bookend doll resized.vp3 then click Save.

