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JANOME Artistic Software

Work Sheet 33 - Tyre Design Satin Stitch

In this Worksheet we will improve (Optional) the tyre section as in some cases you may want this to be a satin stitch going around the fill of the tyre section.

To begin with draw two circles one large one smaller and place the two together centred in the

hoop. You can use either method to do this as shown here

With the 'Selection' tool activated select both parts	
and open the "Right Click" menu.	

X: 0.0 mm

Y: -0.0 mm

Select "Shaping" and "Trim"

At this point delete the inner circle to leave the tyre type section as shown.



Autoborder... Ambience quilting...

Group

Combine

Shaping

Array

Convert to Redwork

Convert fill to center line

Next right click the top tool bar to Select and open the "Properties" tool bar.

Change the fill of the tyre to 'Satin' fill.



Weld

Trim

Intersect











Here comes the interesting part:

You will understand a Satin Stitch, if too wide will be stitched and appear loose.

In Artistic there is a method which can place a split into the Satin Stitch.

The following steps will explain this method.



With just the tyre part of the design, open, select the design open the "right click" menu to Select the design and Select "Auto Border" option. Make your selection as shown here.

Autoborder	?	\times
Position		
To the inside		
O To the outside		
Distance: 0.0 mm		
Repeat: 1 🚔 (1-99)		
Remove holes		
Туре		
Satin serial width:	2.	0 mm
O Running		
ОК	Ca	ncel

Select the Outline Satin Stitch. Open the 'Right Click' Menu and 'Break Apart'.

Delete the inner circle, Select the outer circle and reduce the size by approximaltely 5mm on the radius of the circle, as shown in left image below.



Hold down 'Control' to lock the position and size proportions as shown here, whilst resizing.

Make a copy/paste of this Cirlce and perform the same procedure, making the copied Circle smaller again by approximatley a further 5mm on the radius, as in the image to the shown above to the right.

Now for the interesting part.

Select the outer circle, open the 'Properties' menu and from the Top of the toolbar Select 'Vector'.

You will see your design has now one split satin, now perform the same procedure for the second line.



Gio ahead ... get creative!



Your design will now look as below with two splits in the satin allowing the design to be stitched with a split satin.



Next, to add a new satin line border. Select your design, and open the 'right Click' menu.

Select "Auto border" and make the sizes as per the toolbox below.

Autoborder	?	\times
Position		
O To the inside		
To the outside		
Distance: 0.0 mm		
Repeat: 1 🔹 (1-99)		
Remove holes		
Туре		
Satin serial width:	2.	0 mm
O Running		
ОК	Car	ncel

Click 'OK' and your design will have the satin stitches added both inside and outside your design.

Break apart the two satin stitch lines and you are then able to choose two different colours or sizes for inner and outer if you wish to, as shown in the image.



At this point bring your text onto the design as practiced in the previous Worksheet.

For this we have simply copied the text from Worksheet 32 to help.

The Images below show the stages to build this design



Gio ahead ... get creative!



Hint:

- If typing in new text do not forget to Break Apart once you are happy with positioning and have corrected any typing errors.
- When selecting both Circles to use 'Shaping and Trim', it is also possible when both are selected to use the right Click menu and Select 'Combine', this will make the tyre shape for this exercise too.
- You can delete any of the satin lines to only use one of them for resizing larger or smaller, in this exercise we have deleted the inner circle and used the outer to make smaller.
- With the first Circle outline changed to 'Vector' it is possible to Select just the Vector line, copy/paste and resize this will automatically add the split into your design.
- Depending on the actual dimensions of the Circle, you may have to Select your 'Text' and in 'Properties', use the 'Remove Overlaps' and choose 'Never'. This stops the satin line being distorted when sewing out.

