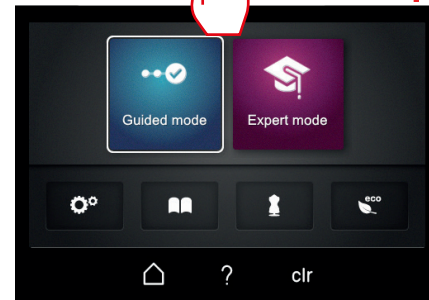
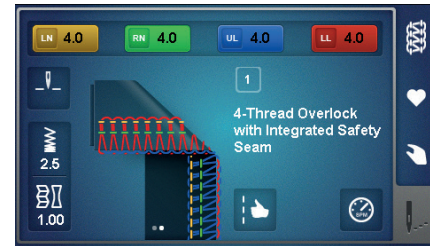


«Home»

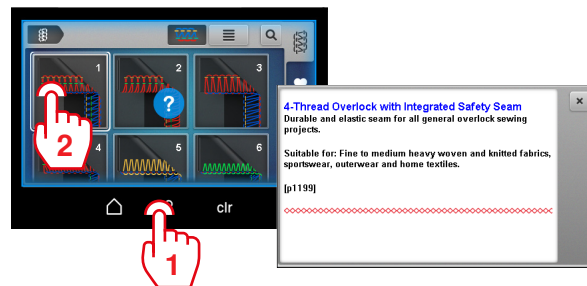
Switch between home screen and sewing screen.





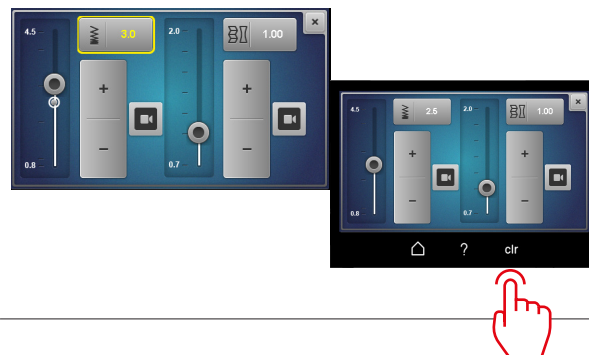
? «Help»

By tapping on «?», the help function is activated. A screen area can be selected and the corresponding help / explanation appears.



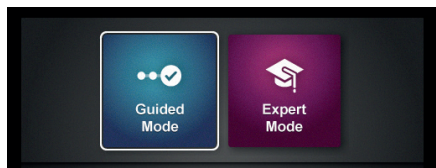
clr «clr»

Reset all settings of the current stitch to the default values. Manual settings are retained on the machine and must be reset manually.



### User mode

---

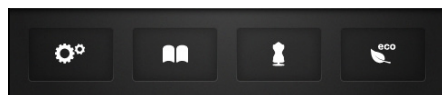


#### «Guided mode»

The guided mode is preset by default supporting the user to get to know the operation of the machine. No prior knowledge is required. This mode guides you step by step through the necessary settings and leads to sewing start. Animations are offered as help to perform the correct operation. By default, this mode is represented by a blue background of the screen.

#### «Expert mode»

The expert mode is a creative and fast mode, which allows shortened operation and only the most important instructions are indicated. The expert mode requires good knowledge of overlocking. After selecting the stitch this mode shows an overview of the mechanical settings, which are to be individually checked or executed. By default, this mode is represented by a purple background of the screen.



**«Setup program»**

Make personal settings to the machine which are retained when the machine is restarted.



**«Tutorial»**

See more information about operating the machine.



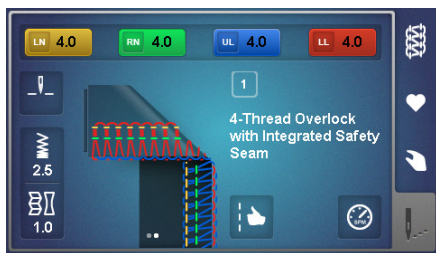
**«Creative consultant»**

Select stitch with the help of the Creative Consultant. The Creative Consultant recommends the optimal stitch in combination with needle, thread and presser foot based on an individual project.



**eco «eco»**

Activate eco mode and lock the screen.



### «Stitch selection»

Select stitch directly.  
The last stitch settings are lost unless they have been saved.



### «Personal Memory»

Select personal stitches.  
Saving, overwriting or deleting stitch settings.  
Automatic settings will be saved. Manual settings can be stored as a stitch note and also saved.



### «Manual settings»

Show the manual settings to be executed on the machine for the selected stitch.  
In dieser Anzeige kann der Einrichtungsassistent mit «Schritt für Schritt Anleitungen» aufgerufen werden.



### «Stitch view»

The stitch view is a general overview of the selected stitch along with its automatic settings (stitch length, differential feed and thread tensions).

## Stitch view



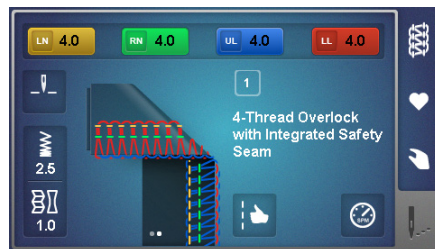
The stitch view is the most important indicator on the sewing screen.

The selected stitch is shown in the stitch view. This provides access to various views and automatic settings.

The setting of a stitch is done via two screen views:

- 1 Manual settings
- 2 Automatic settings

## Automatic settings

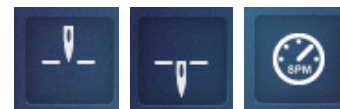
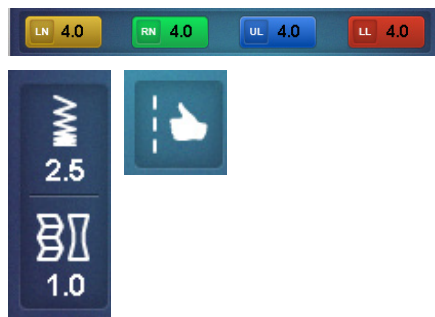


### with direct influence on the stitch

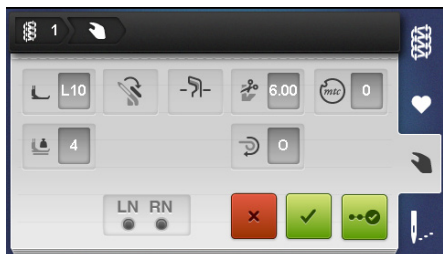
- Thread tension adjustment
- Stitchlength «SL»
- Differential feed «DF»
- Stitch Optimizer

### with direct influence on the machine, regardless of the stitch selection

- Needle stop up/down
- Maximum sewing speed



### Manual settings



The overview of the manual settings can be selected from the «stitch view». All information are shown as notes and must always be executed or checked by the user on the machine.



**Presser foot recommendation**



**Adjustment Upper looper converter «hooked in/hooked out»**



**Setting the Presser Foot Pressure**



**Adjustment Knife on/off**



**Setting Cutting Width «CW»**



**Insert needles**



**Setting mtc micro thread control**



**Cancel Confirm**

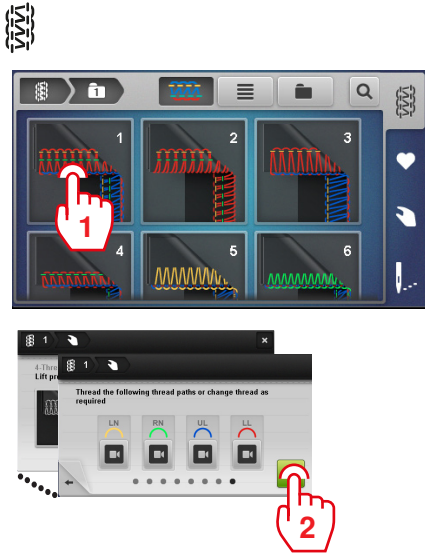


**Adjustment Rolled hem selection lever «O/R»**

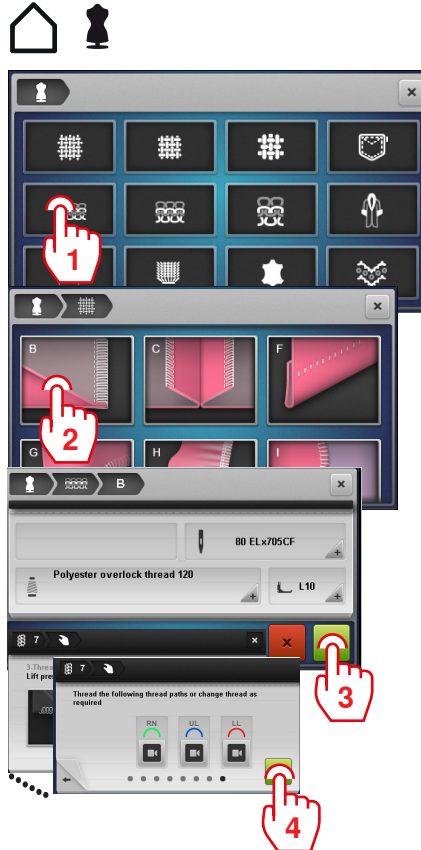


**Wizard**

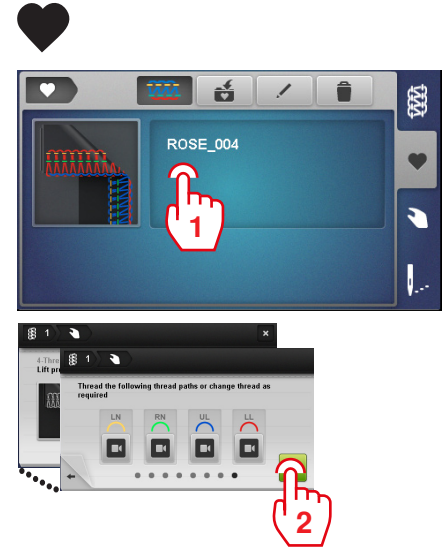
## Direct Stitch Selection



## By Creative Consultant

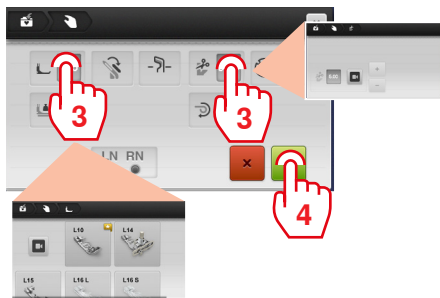
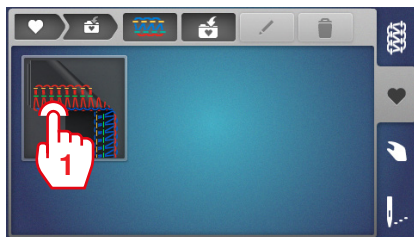


## From Personal Memory

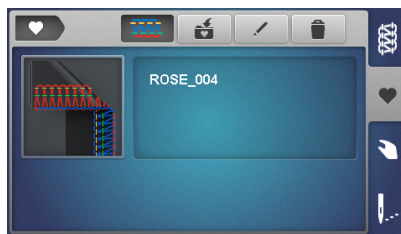
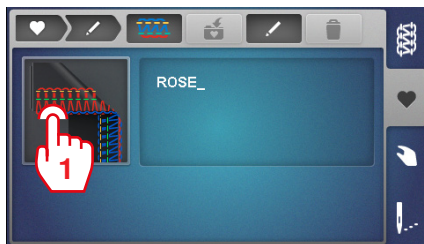




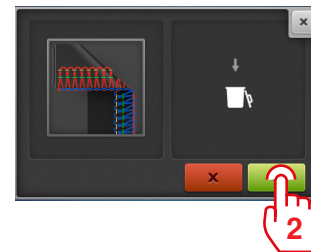
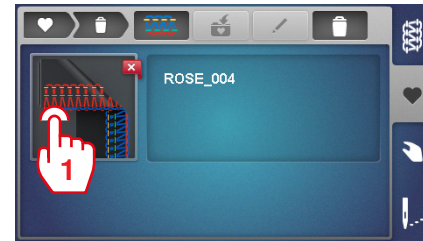
## Saving a stitch



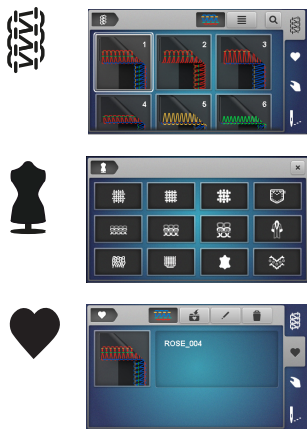
## Renaming a stitch



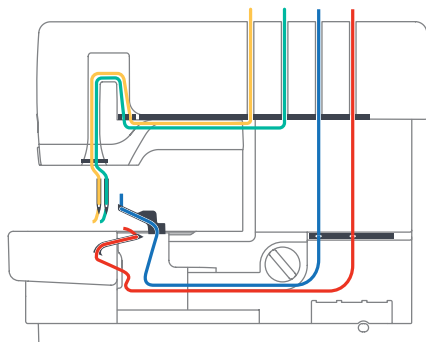
## Deleting a stitch



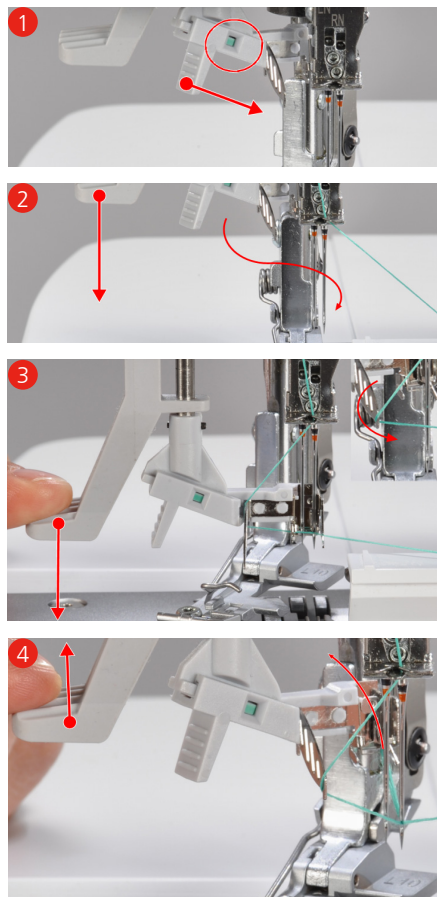
## Selecting a stitch



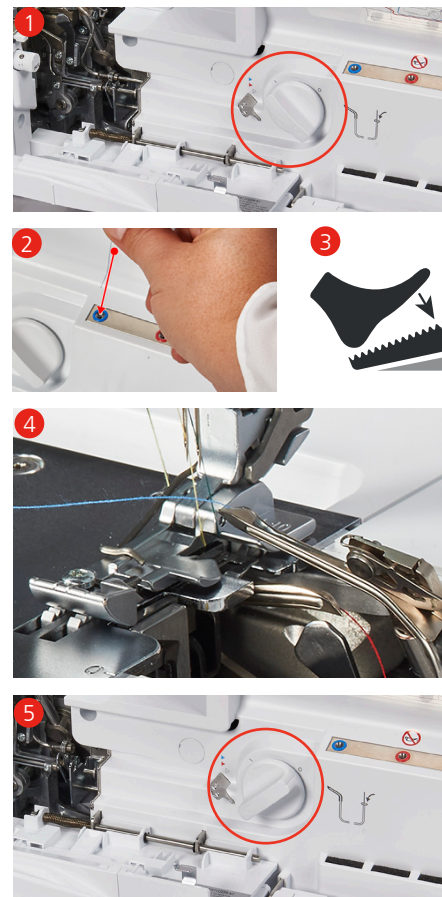
## Threading the machine



## Threading the needle



## Threading the looper



## Stitch Optimizer



The Stitch Optimizer helps to achieve the optimal stitch.

Prerequisite:

- The sewing test was performed.

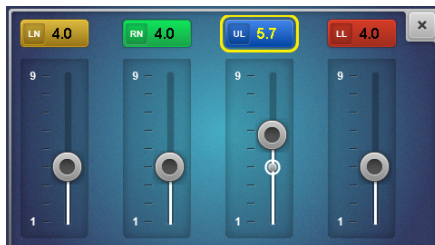
> In the stitch view, tap «Stitch Optimizer». Imperfect stitch images are shown.

> Tap the stitch image best matching to the sewing sample.

Corrective measures are proposed.

> After each adjustment, re-evaluate the test sample and repeat the procedure until the perfect stitch formation is achieved.

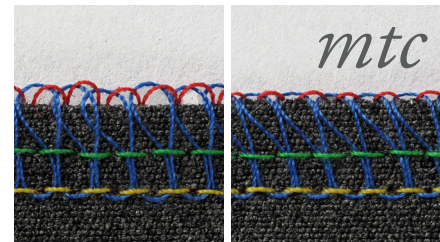
## Thread Tension



For each stitch, default values are programmed. These recommendations provide good results for most applications.

- > To adjust the thread tension, select the range of thread tension.
- > Use the slider control or the «+» / «-» fine adjustment buttons to adjust the thread tension for each thread path.

## mtc micro thread control



By default mtc micro thread control is always set to position «0».

mtc micro thread control affects the amount of looper threads around the fabric edge and can be adjusted continuously during sewing.

- > To enlarge the loops of the thread at the fabric edge, turn the mtc micro thread control clockwise (+).
- > To minimize the loops of the thread at the fabric edge, turn the mtc micro thread control counterclockwise (-).

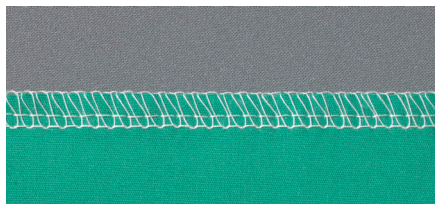
### Differential Feed



The two fabric feed dogs can be geared to each other so that the fabric is fed evenly while sewing and that neither wavering nor unintended gathering occurs.

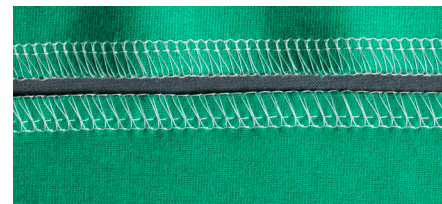
The differential feed is variable while sewing.

### Default value



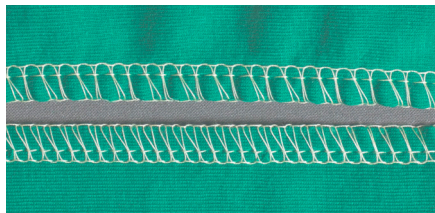
The Differential Feed in default setting 1 for flat and even seams.

### Gather to fit



To prevent wavering increase the Differential Feed to a value between 1 and 2.

### Stretching



To prevent seam puckering, reduce differential feed to a value between 0,7 and 1.






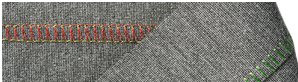
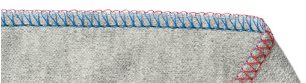

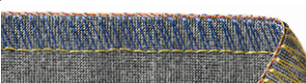

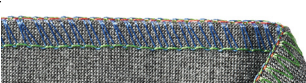







### Gathering



To gather intentionally, increase the Differential Feed to a value between 1.5 and 2. An elongated stitch length enhances the gathering effect.



## Overlock stitches

1	4-thread overlock with Integrated safety seam		10	2-Thread Wrapped Overlock Narrow (RN)	
2	3-Thread Super-stretch		11	2-Thread Flatlock Wide (LN)	
3	3-Thread Overlock Wide (LN)		12	2-Thread Flatlock Narrow (RN)	
4	3-Thread Overlock Narrow (RN)		13	2-Thread Rolled Hem	
5	3-Thread Flatlock Wide (LN)		14	2-Thread Overlock Wide (LN)	
6	3-Thread Flatlock Narrow (RN)		15	2-Thread Overlock Narrow (RN)	
7	3-Thread Narrow Seam		28	2-Thread Blanketstitch Wide (LN)	
8	3-Thread Rolled Hem		29	2-Thread Blanketstitch Narrow (RN)	
9	2-Thread Wrapped Overlock Wide (LN)		30	3-Thread Picot Stitch	

# Quick reference BERNINA L 860

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