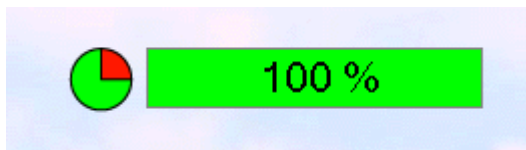# Information about Software Update BERNINA 820 / 830

1 General

1.1 Version number of Updates

The version of the new software can be seen in the "Setup-Program/Information/Version" **(31.29.41 for B 830, 31.29.40 for B 820)**.
If the memory capacity doesn't display 100% after an update and no data is saved, the update has to be performed again.

1.2 Variety of languages

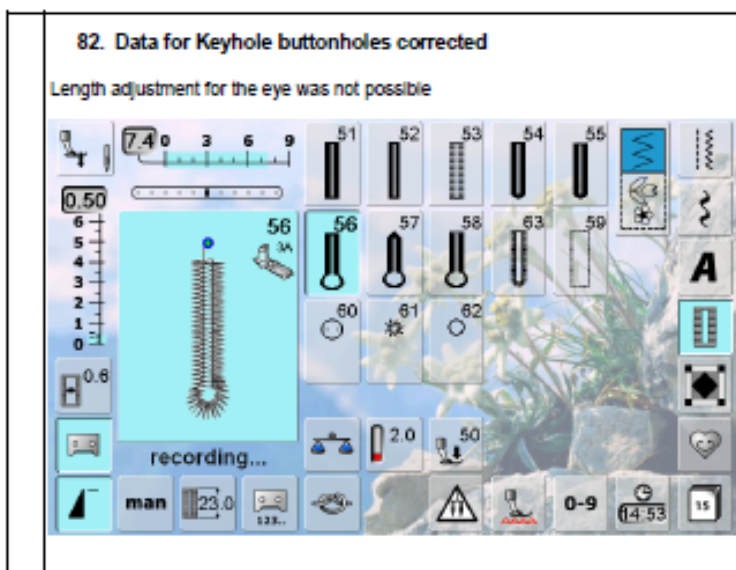Norwegian (only B 830) can be selected via the display.

1.3 Format/File system of USB-Stick in use

It is recommended to format the USB-Stick to FAT32. See also point 3.6.

2 Updates in the sewing area

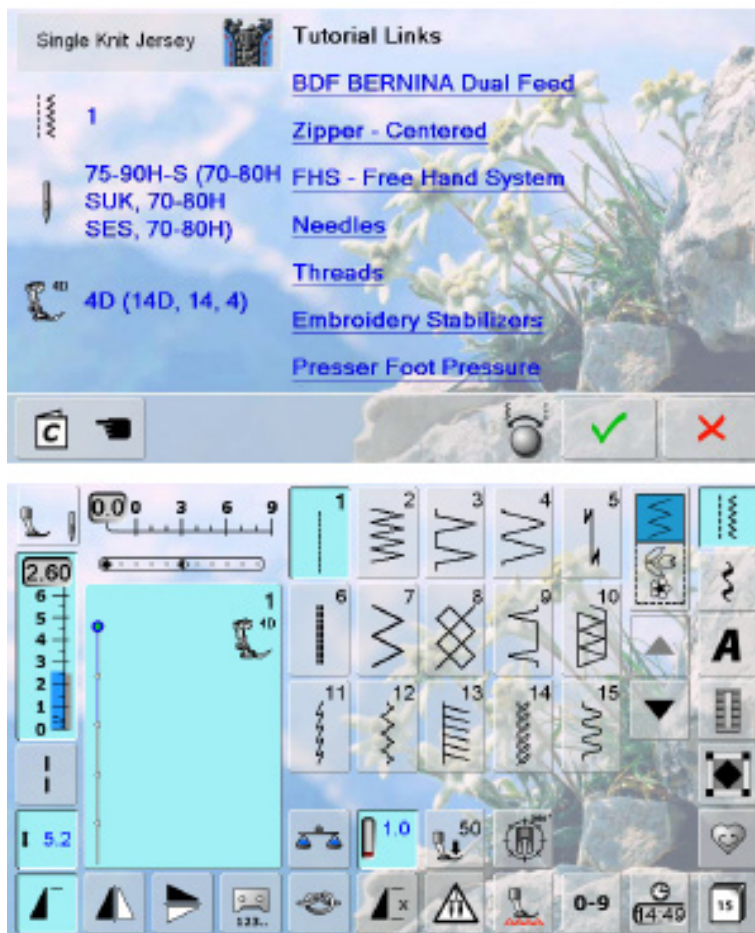### 2.1 Keyhole buttonhole

Stitch length and stitch width of the keyhole buttonhole can be adjusted separately again as usual.

2.2 Sewing consultant

As soon as the user confirms, the sewing consultant adjusts the following parameters automatically:

- Stitch number
- Stitch width
- Stitch length
- Presser foot pressure
- Thread tension and
- Needle position

In the previous version thread tension, presser foot pressure as well as the needle position weren't adjusted automatically along with the other adjustments.

Example:
When a zipper is to be sewn in a single jersey material, the needle position moves to the right automatically and the thread tension is reduced.
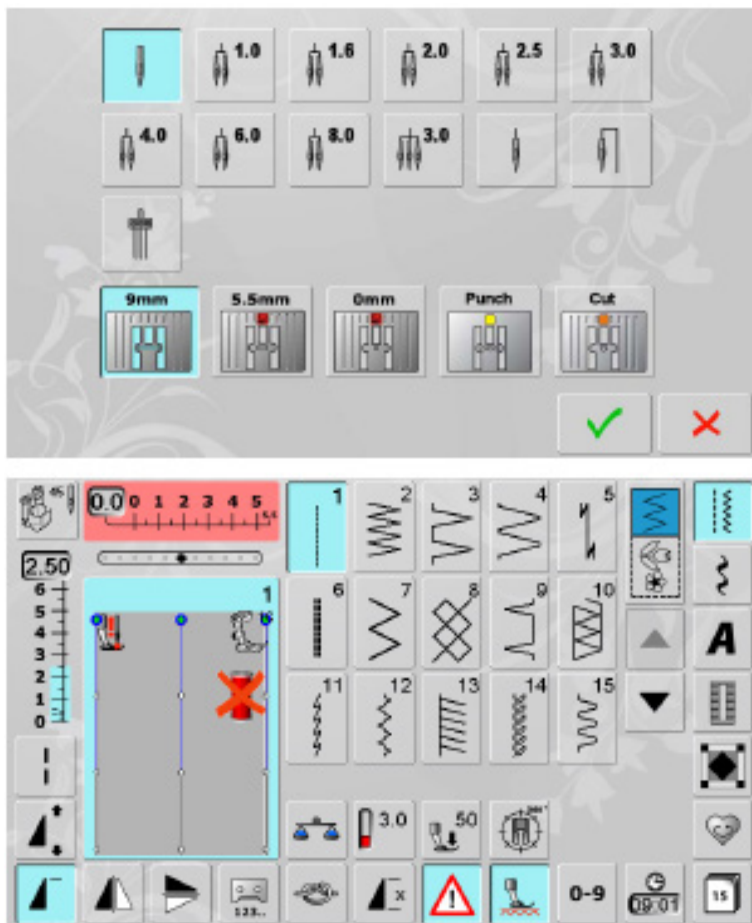
2.3 Sewing speed with decorative stitches

The sewing speed has been optimized for decorative stitches. The stitches can now be sewn out at a higher speed.

2.4 Sewing speed with ruffler foot

The sewing speed for the ruffler foot has been adapted optimally for the new foot.

2.5 Security Menu Sewing

The Security Menu has been revised. The display of the punch plate as well as the display of the punch needles has been integrated.

See also: Instruction of the Punch Tool.

2.6 Cut-Work

With a Cut-Work pattern the colors are not brought together anymore.

2.7 Connection with Quilt Frame

From this Software-Version on the patch for the Grace-Connectivity is obsolete. The necessary Software for working with Quilt-Frame is included in this update.

2.8 Presser foot No 46C

The pintuck foot has been added to the Security Menu and can be selected as usual.

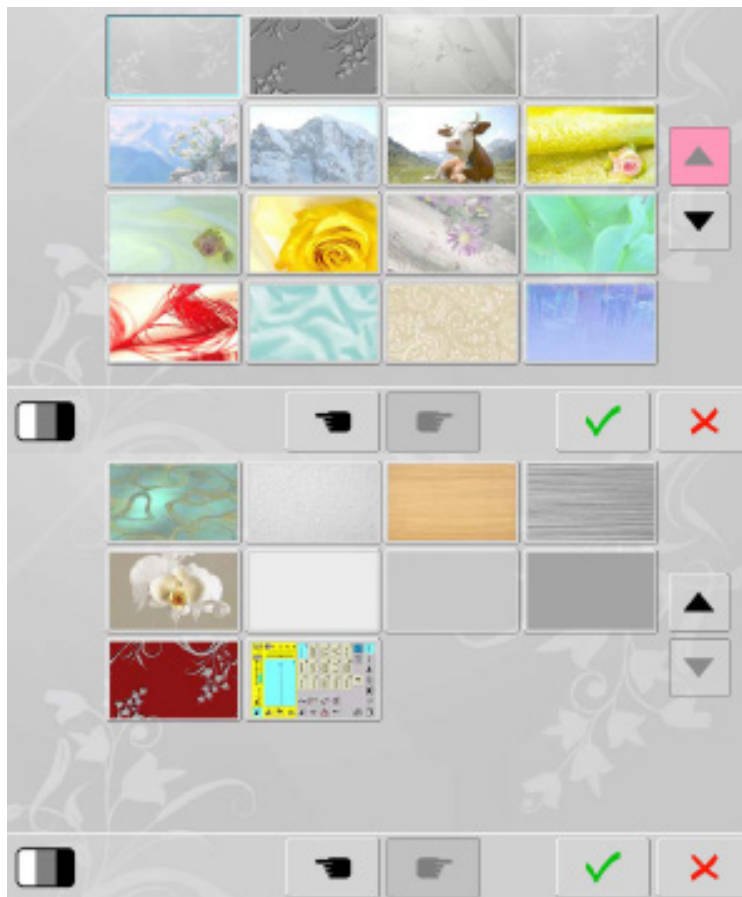Pintuck and decorative stitch foot with clear sole No. 46C

Use it together with double needle 1.6mm - 2.5mm.

Application

- sewing of spaced pintucks
- sewing decorative stitch patterns between the pintucks

2.9 Wallpaper

New motifs for the display have been added. Motifs with light structure and plain-colored motifs provide a better contrast when working on the machine.

3 Embroidering (only relevant for the machine B 830)

3.1 Thread colors and qualities

New thread manufactures have been implemented in the Setup, colors can be aligned even more exactly with the embroidery motifs matching perfectly.

Following sellers have been added:

- Brildor
- Dmc (www.dmc.com)
- Kingstar
- Marathon (www.marathontread.com)
- Robinson-Anton (www.robinson-anton.com)
- Yenmet
- Gütermann (www.guetermann.com)

3.2 Beginning to embroider

The cycle time when beginning to embroider has been shortened considerably.

3.3 Optimizing of embroider quality

The quality of embroidery has been optimized by means of an automatic regulation of the thread tension.

3.4 Security Menu Embroidering

The Security Menu is now also available with the embroidery function. This means that the needle as well as the stitch plate can now be selected or de-selected.
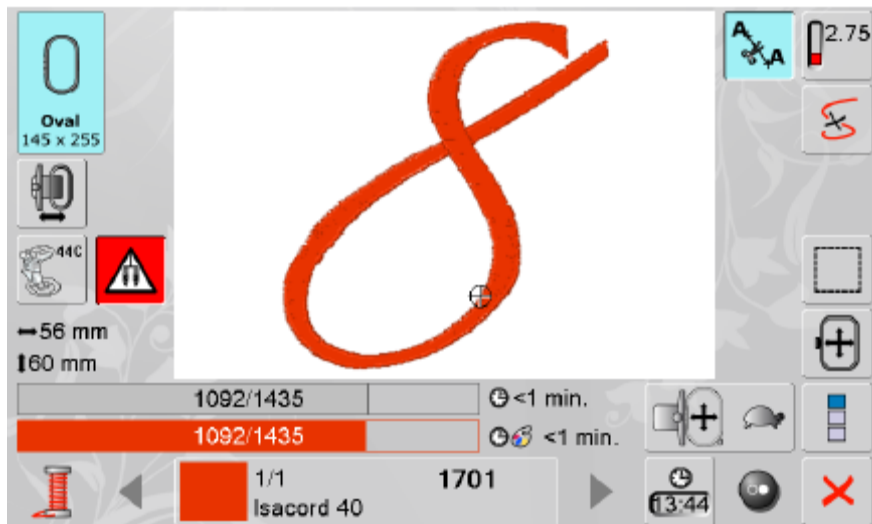
3.5 Progress bar when embroidering

The display for the progress bar when embroidering has been revised. The bar is filled according to the number of embroidered stitches. When the bar is completely filled, the embroidery motif is finished.
Upper bar: displays the complete embroidery motif
Lower bar: displays the color to be embroidered

3.6 Format / File system of USB-Stick

From this Software version on, the USB-Stick in use must be formatted to a new file system, the new format to be used: FAT32.

The **File Allocation Table** (abbr. **FAT**)

F – file
A – allocation
T – table

4 Mechanic Revision

4.1 Cleaning the threader head

After touching the threading button the threader head moves to a well accessible position for the user (see arrow in red) and can be cleaned easily.

4.2 Cleaning the hook

After opening the bobbin door the hook system moves to a well accessible position for the user and can be lubricated easily.