

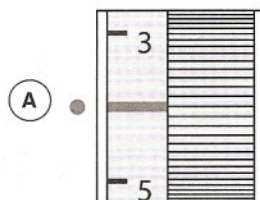
Thread tension

The upper thread tension is set optimally at the BERNINA factory and the sewing computer has been tested. Metrosene-/Seralon thread size 100/2 (Company Mettler, Switzerland) are used for upper and lower thread.

In case of using other types of sewing or embroidery threads, the optimal tension may vary. Therefore it may be necessary to adjust the tension to suit the fabric and the desired stitch pattern.

For example:

	Tension	Needle
Metallic thread	approx. 3	90
Monofilament thread	approx. 2-4	80



The basic setting

- is indicated when the red line on the tension adjustment wheel is in line with the marking A
- the thread tension needn't be altered when sewing standard fabric
- for special fabric, the tension can be adjusted by turning the tension adjustment wheel to suit the material



Perfect Stitch Formation

The interlooping of the threads is in the material.



Upper thread tension too tight

The lower thread is pulled more up, i.e. to the right side of the material.

- to reduce the upper thread tension = turn tension adjustment wheel to 3-1



Upper thread tension too loose

The upper thread is pulled more down, i.e. to the wrong side of the material.

- to increase the upper thread tension = turn tension adjustment wheel to 5-10