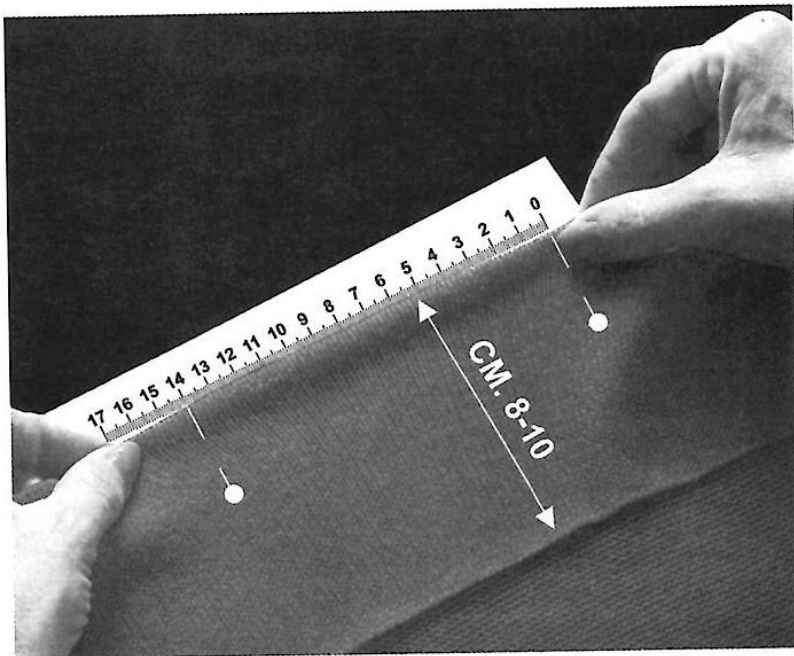


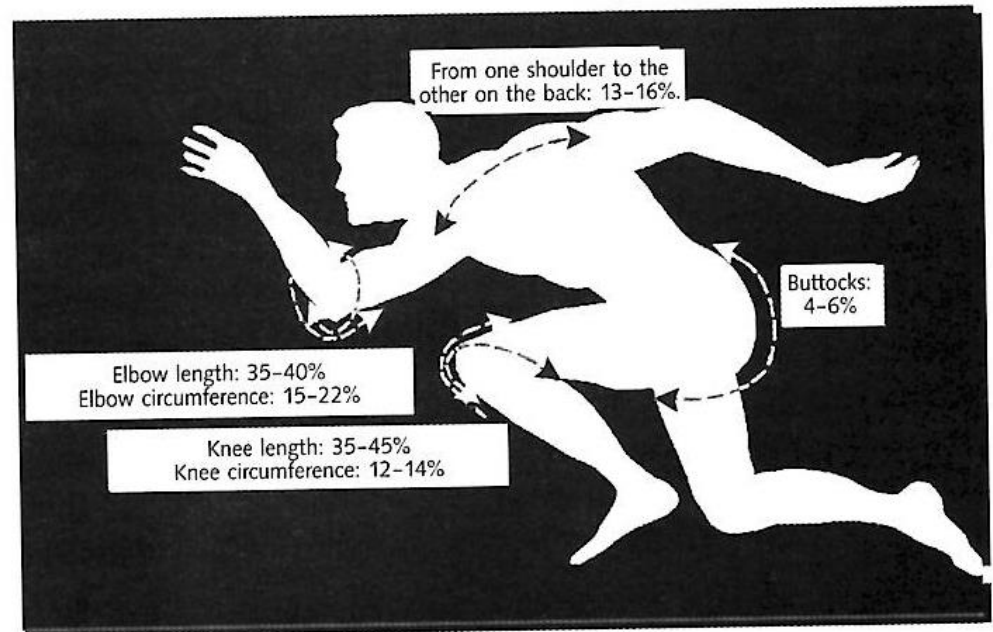
Použitá literatura:

LINDQVIST, Rickard. *Kinetic garment construction: remarks on the foundations of pattern cutting.* místo neznámé: Responstryck , 2015. ISBN: 978-91-87525-41-4 .

DONNANNO, Antonio. *Fashion patternmaking techniques.* (Vol. 2), How to make shirts, undergarments, dresses and suits, waistcoats and jackets for women and men. Ilustroval Elisabetta DRUDI, přeložil Carol Lee RATHMAN. Barcelona: Promopress, [2019]. Promopress fashion collection. ISBN 978-84-15967-68-2.



Manual test of the elasticity of a knit fabric with a stretchability of 40%. The pins are fixed 10 cm/3.94" apart with the fabric at rest.



Body positions where it is necessary to stretch the fabric for freedom of movement and comfort when wearing the garment.

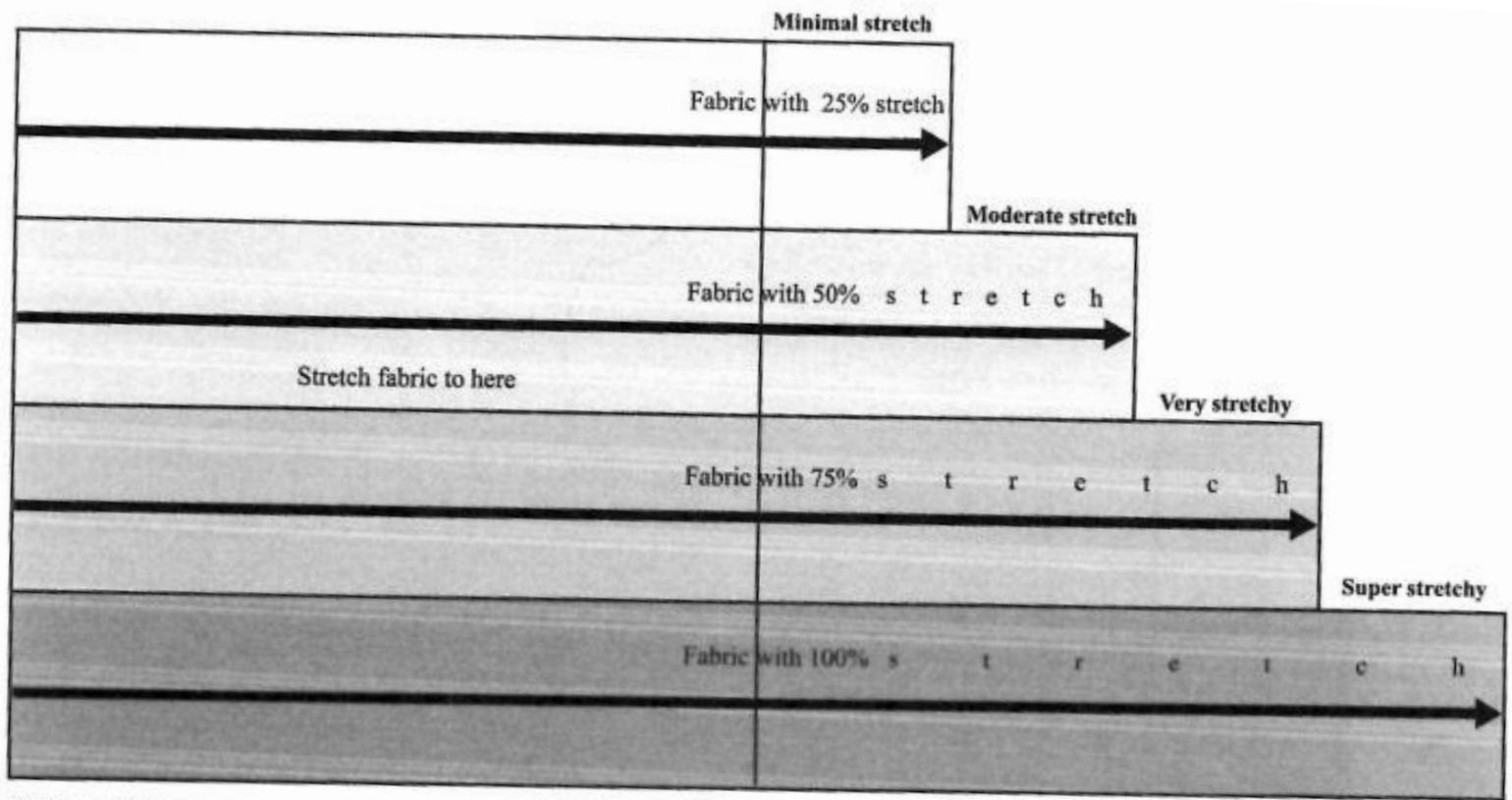
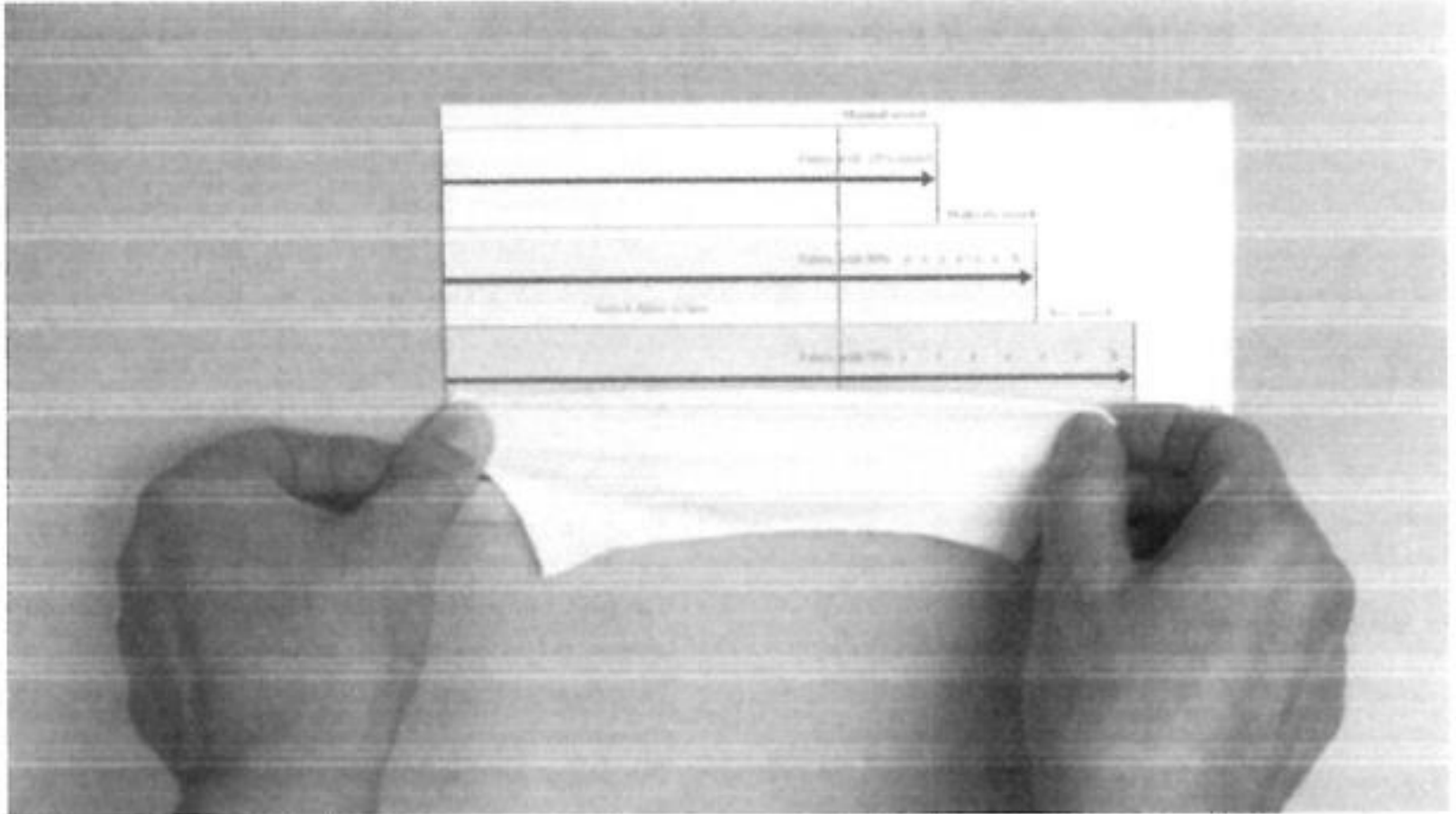


Figure 1.4 Stretch gauge



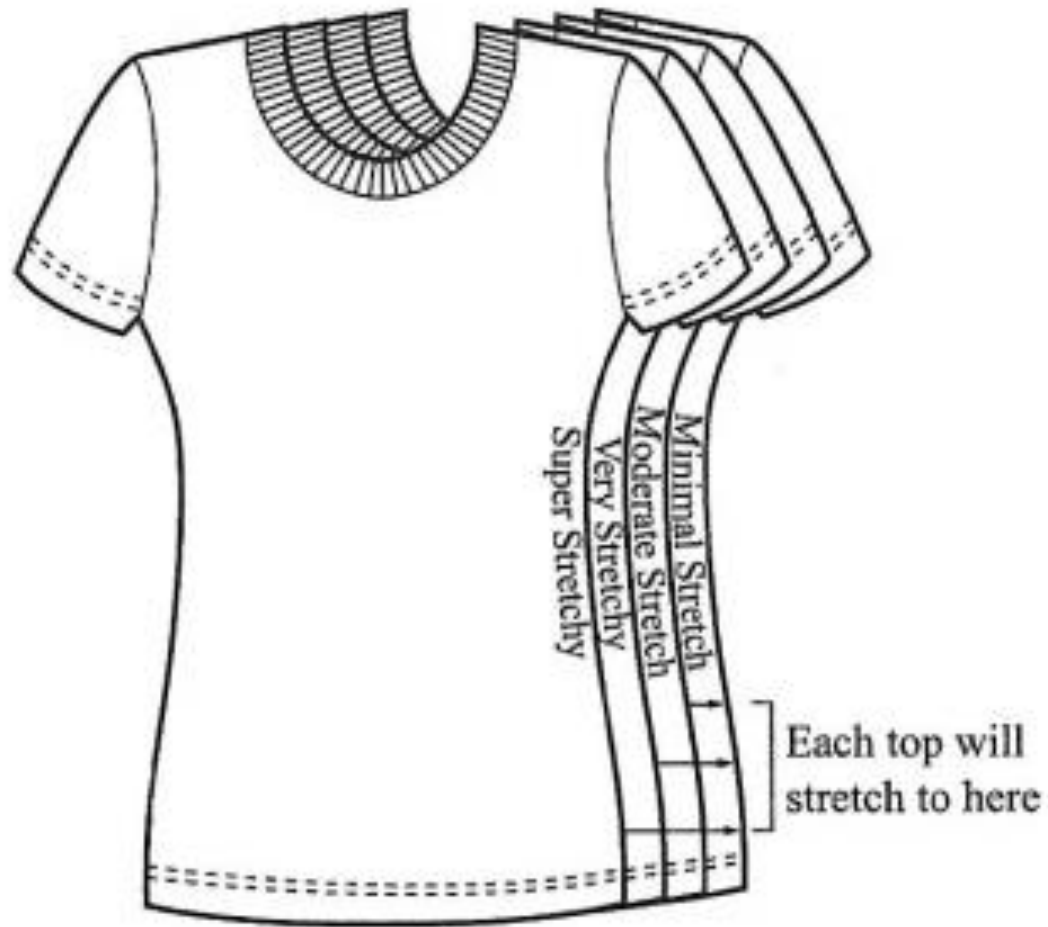


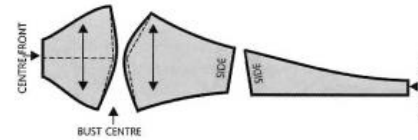
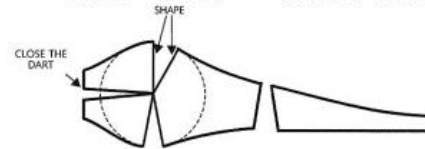
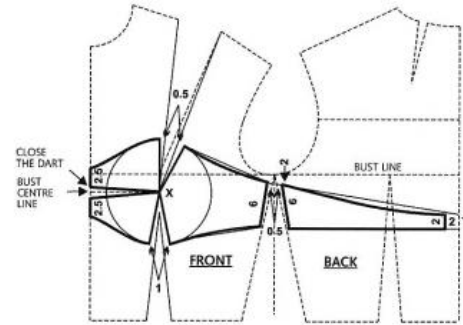
Figure 1.5 T-shirt stretch comparison

BASIC BRA BLOCK

VERTICAL DARTS



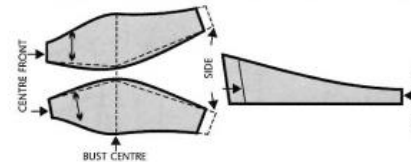
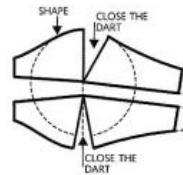
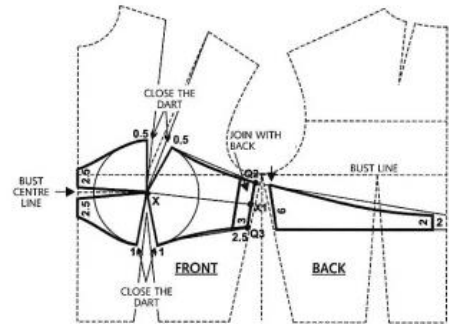
- Draw the basic bodice block with darts, allowing zero or less ease, depending on the type of fabric.
- Mark the centre of the bust with point X.
- Draw a circle with X as its centre, allowing a radius of 6-7 cm/2.36"-2.76" (depending on the fabric and on the breast size).
- Draw the height of the centre front, the centre back, and the sides (keeping about 2 cm/0.79" under the armscye).
- Create a 1 cm/0.39" dart on the centre front, for better breast support.
- Widen the dart under the breast by 2 cm/0.79", and over it by 1 cm/0.39".
- Reduce the side seam by 0.5 cm/0.20" and that of the centre back by 2-2.5 cm.
- Neatly join all the lines as shown in figure.



HORIZONTAL SEAM



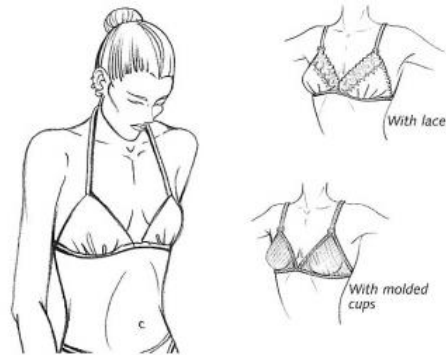
- Draw the basic block like the previous one.
- Draw the line X-X1 in the middle of Q2-Q3.
- Close the darts both above and below and neatly join the



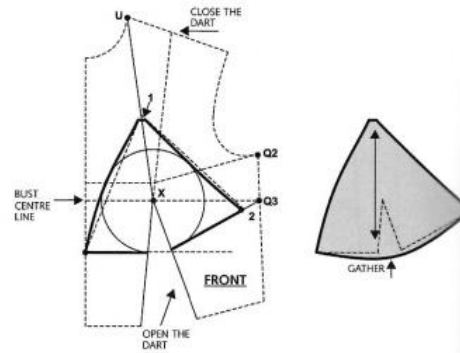
- lines after dividing the two halves.
- To shift the side seam forward, remove 2.5-3 cm/0.98"-1.18" from the front side and add it to the back side seam.

BASIC BLOCK FOR BRAS

TRIANGLE BRA GATHERED AT BOTTOM



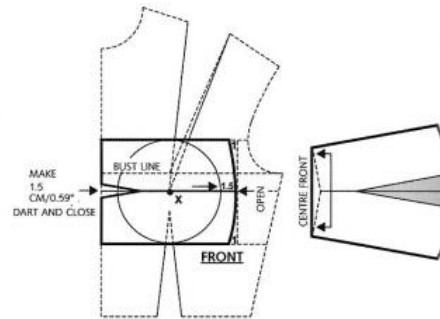
- Close the shoulder dart, opening the waist dart.
- Draw the line U-X.
- Draw the bust circle based on the cup size and shape as shown in figure.



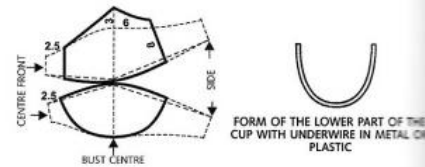
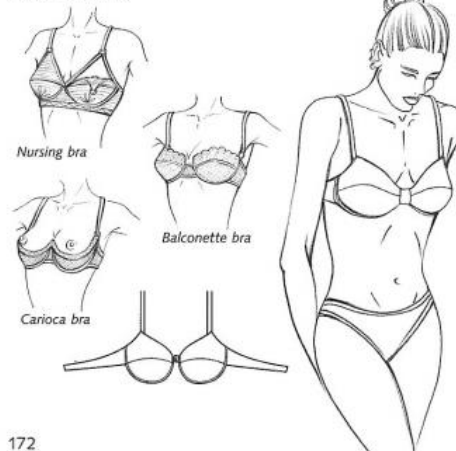
GATHERED IN THE CENTRE FRONT AND AT THE SIDES

This bra is a simple rectangle drawn around the circle of the bra cup, as shown in figure.

- Make a dart on the centre front and close it, opening another on the side, to create greater fullness on the side and less in the centre front.



WITH LININGS



- Make the basic block with horizontal seam.
- Shape the upper part as desired.
- Create the channelling for the underwire in the lower part of the cup.
- For Balconette bras, only the lower part is reinforced, while on the upper part there is just a band of lace.
- The Carioca is similar to the Balconette, but with nothing on the upper part.
- In the nursing bra, there has to be an opening on the upper part with a fastener such as buttons or the like.