



WOLLO UNIVERSITY



Kombolcha Institute of Technology

School of Textile, Leather and Fashion Technology

Department of Garment Engineering

Garment Construction –I

Prepared by:

Temesgen Asmare

2012 E.C

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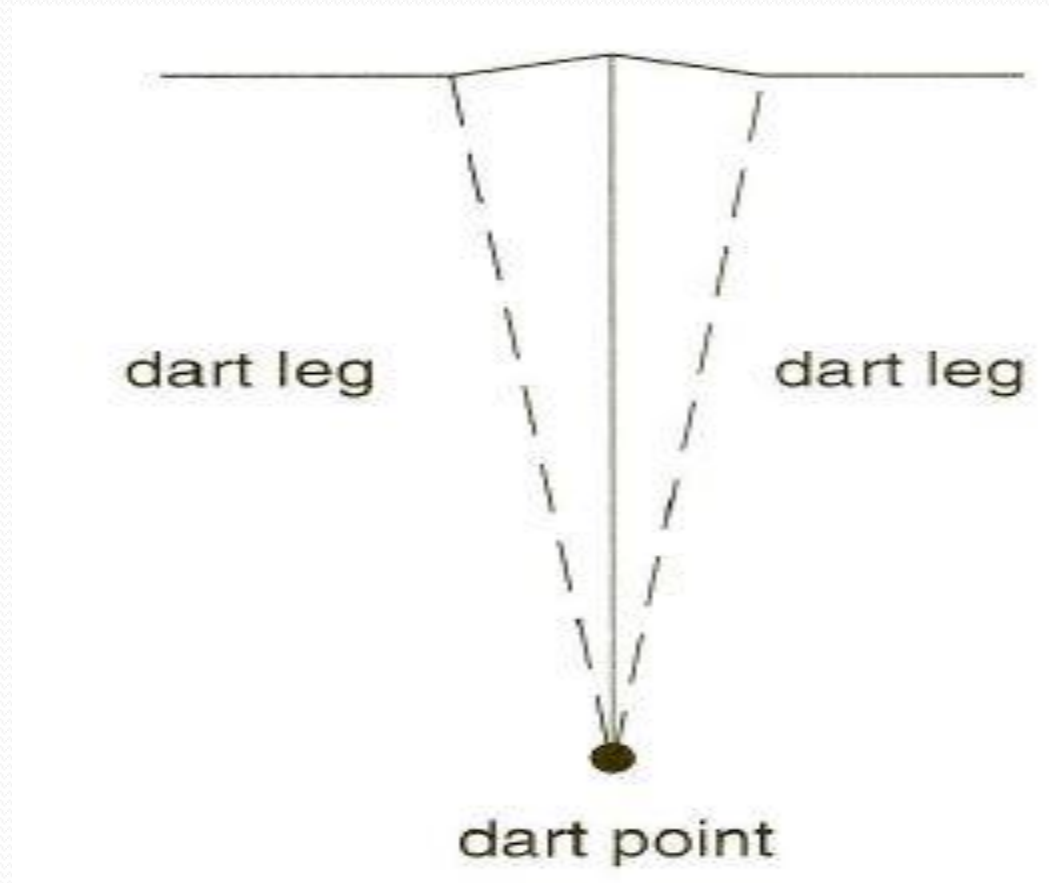
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Dart

- A **dart** is the take-up of excess fabric, of various widths.
- **Darts** are the most basic structural elements in sewing and are used in:
 - ✓ The front bodice section, to contour the body.
 - ✓ Fitted sleeves, to allow for elbow movement.
 - ✓ The pants front and back sections of skirts and pants, to shape fabric to the waistline and allow ease over the hips.

- **Dart legs** are the stitch lines on both sides of the dart.
- The **dart point** is the vanishing point and the small end of the dart.



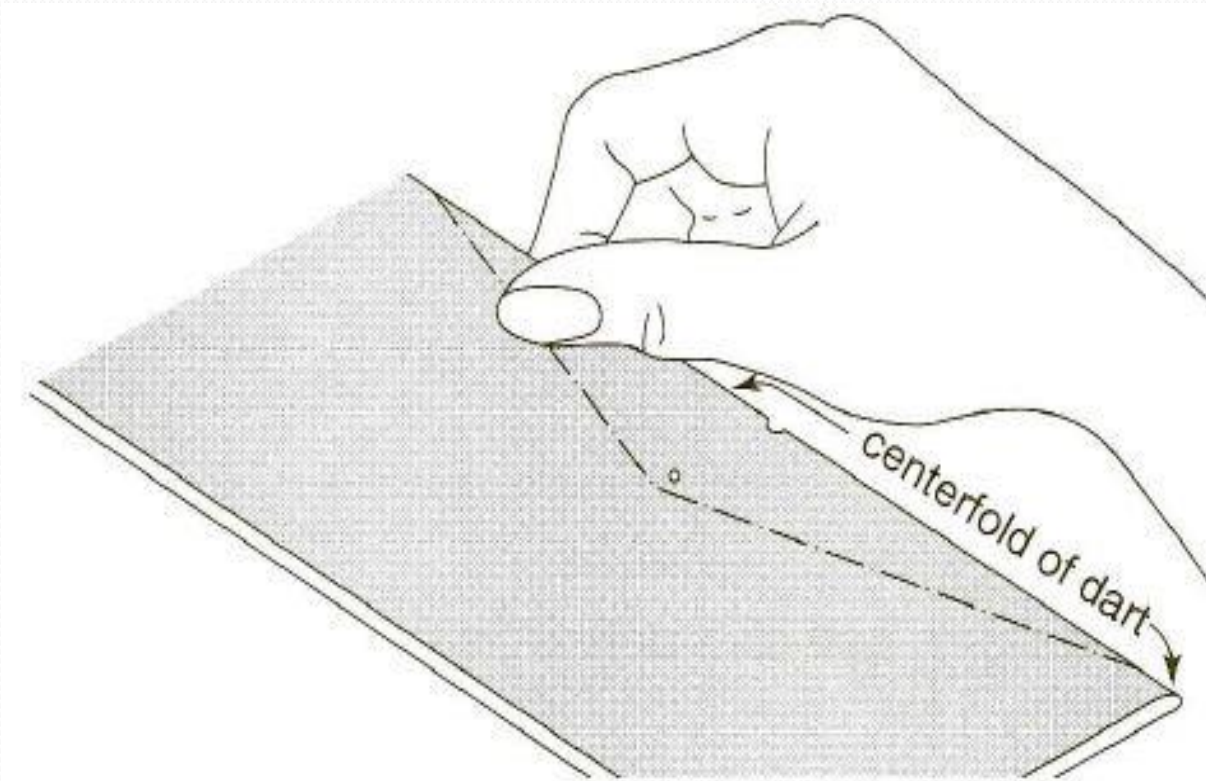
types of dart

- **Fisheye darts:** are most often used on garments without a waistline seam, such as blouses, dresses, vests, or jackets, to bring in fullness at the waist area. They allow the garment to curve smoothly in at the waistline and create ease at hip areas.

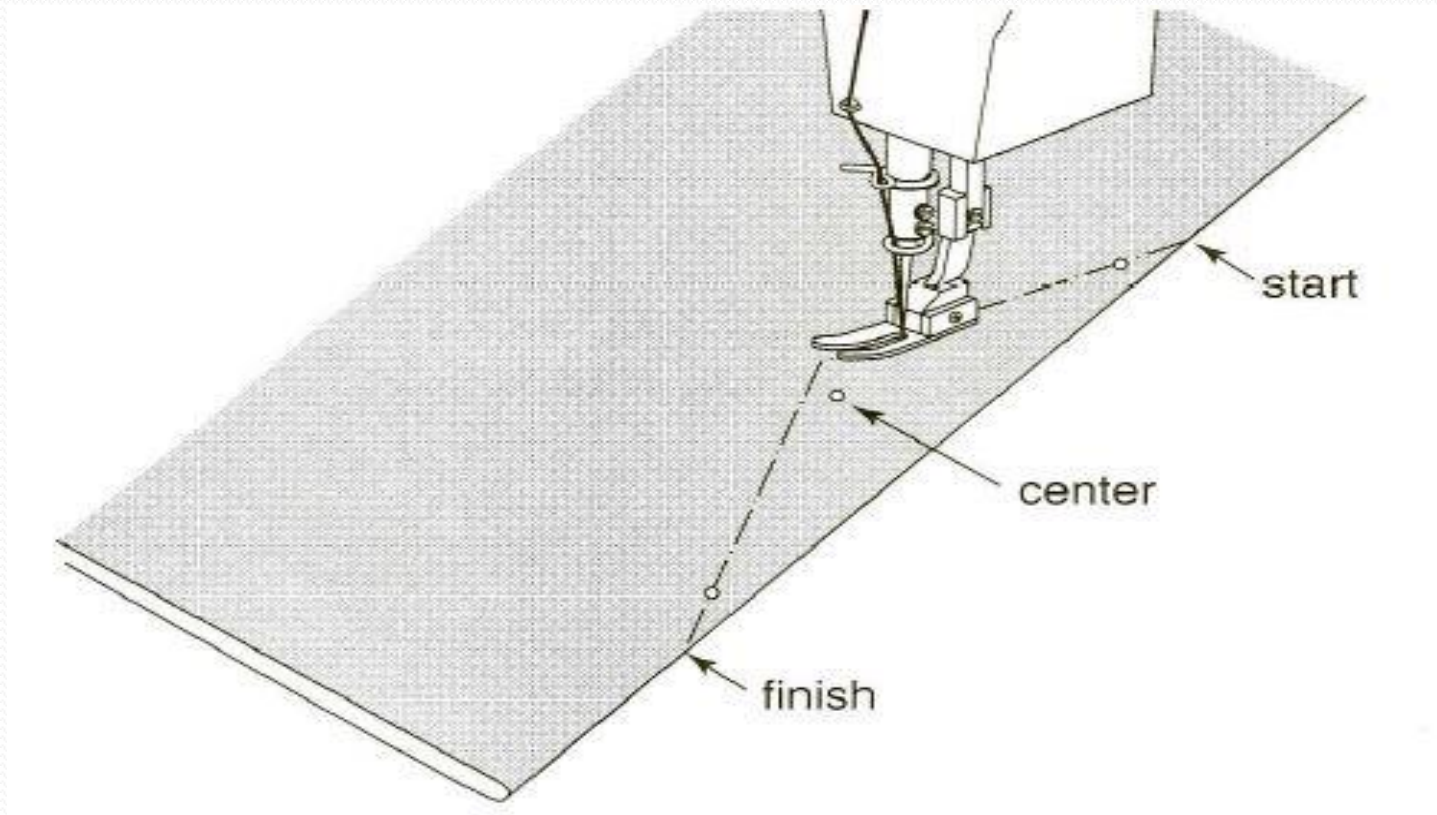


Sewing Procedure

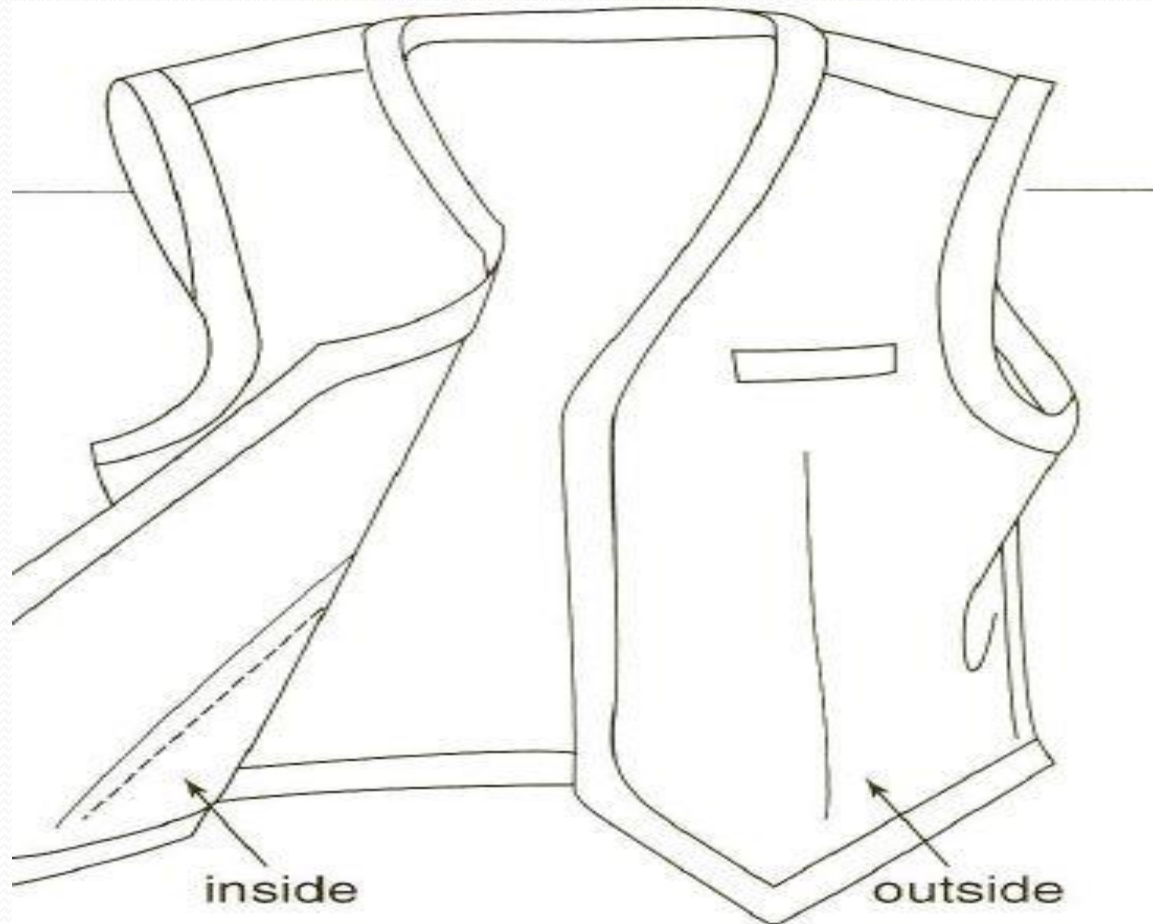
1) With the correct sides of the fabric together, fold the crease of the dart so that the top, bottom, and center marks are in one continuous fold. (This is the center of the dart.)



2) Start to sew from $\frac{1}{2}$ -inch beyond the top mark to $\frac{1}{8}$ -inch beyond the center mark, to $\frac{1}{8}$ -inch beyond the bottom mark.

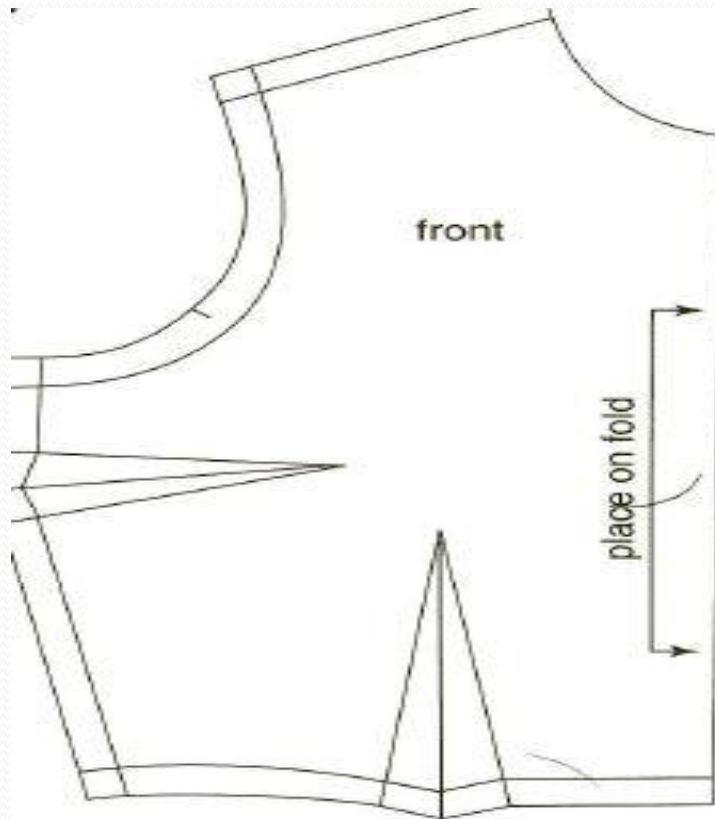


3) Press the dart with the wrong side of the fabric up. Snip the fold at the center of the dart. Press the finished dart toward the center of the garment.



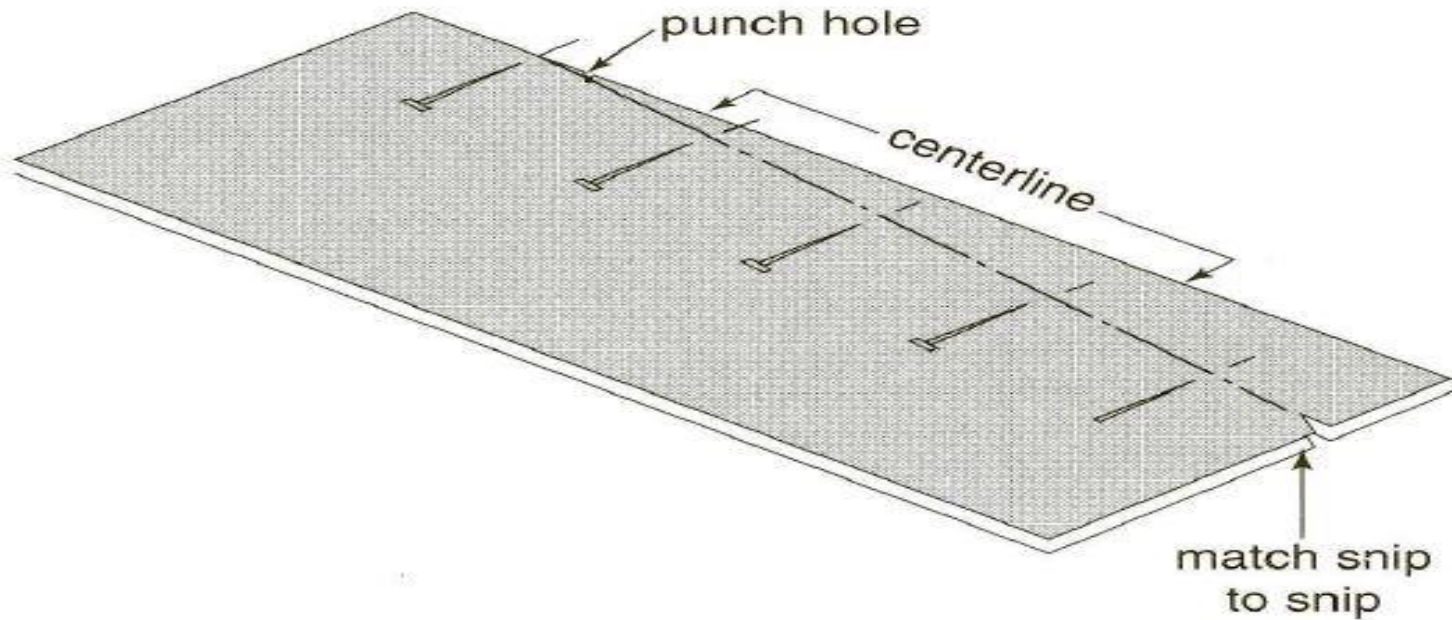
Types of dart

- **straight tapered dart:** The straight tapered dart is the basic dart used in a **bodice**, **skirt**, or **sleeve**, to give a **smooth, rounded fit**. This dart creates a rounded fullness at the fullest part of the body.

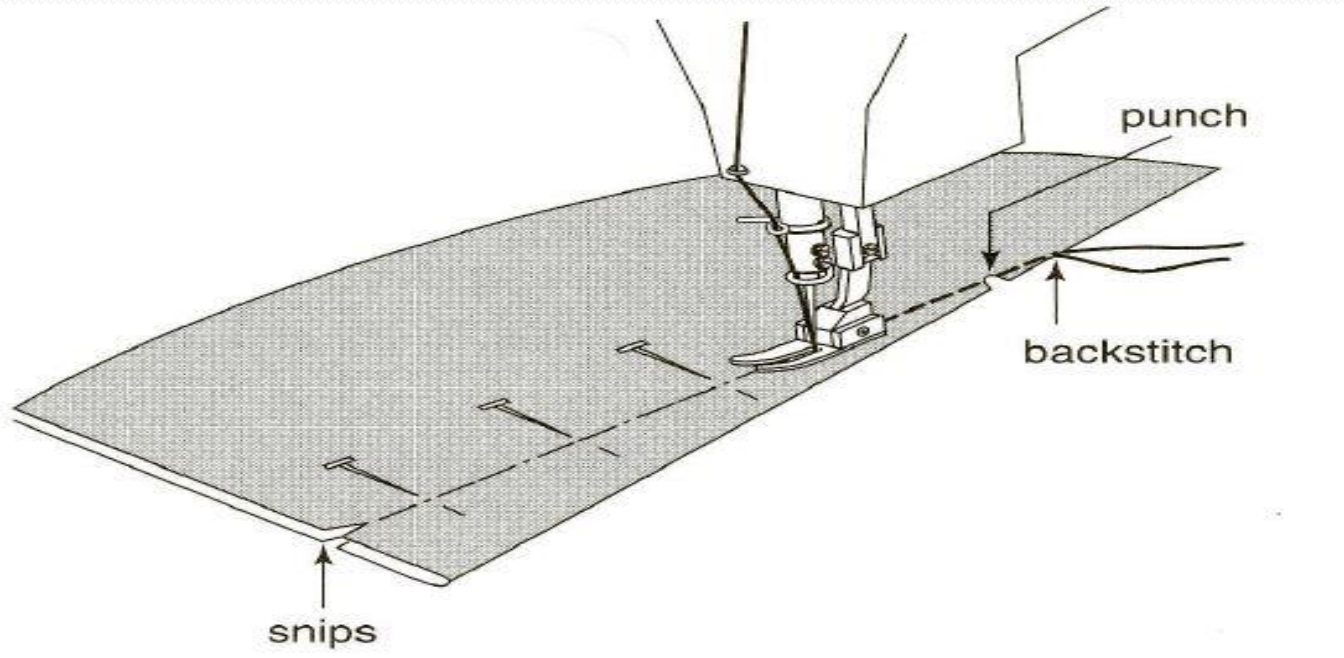


Sewing Procedure

- 1) With the correct sides of the fabric together, fold the dart so that the snip ends match.
- 2) Continue to fold the dart (along the center line) to the punch hole or pencil mark.
- 3) If necessary, pin and pencil in the stitch lines.

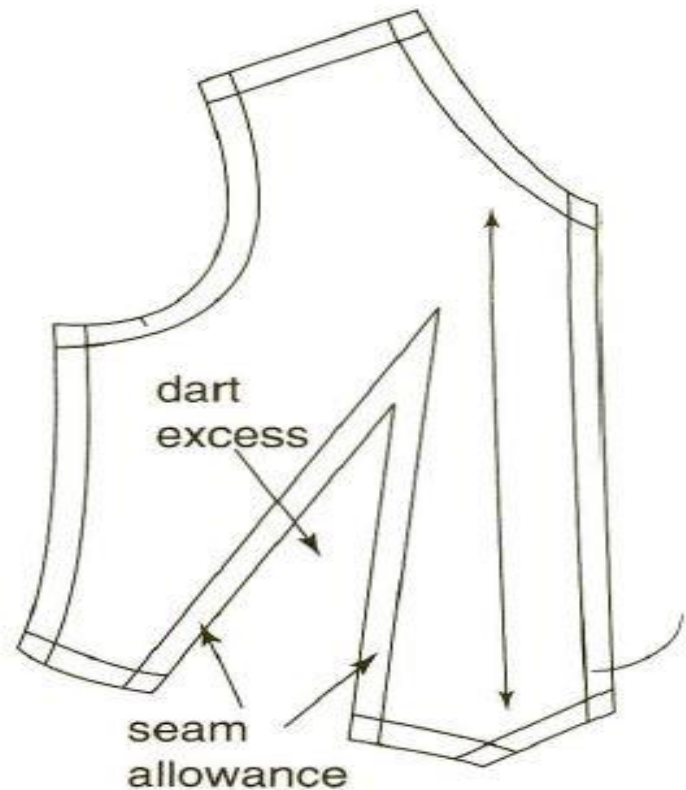


4) Start to sew (and backstitch) from $\frac{1}{2}$ inch beyond the punch hole or pencil mark to ensure that the hole is caught. Make sure the needle enters the fabric exactly on the fold at the stitch line for a couple stitches.



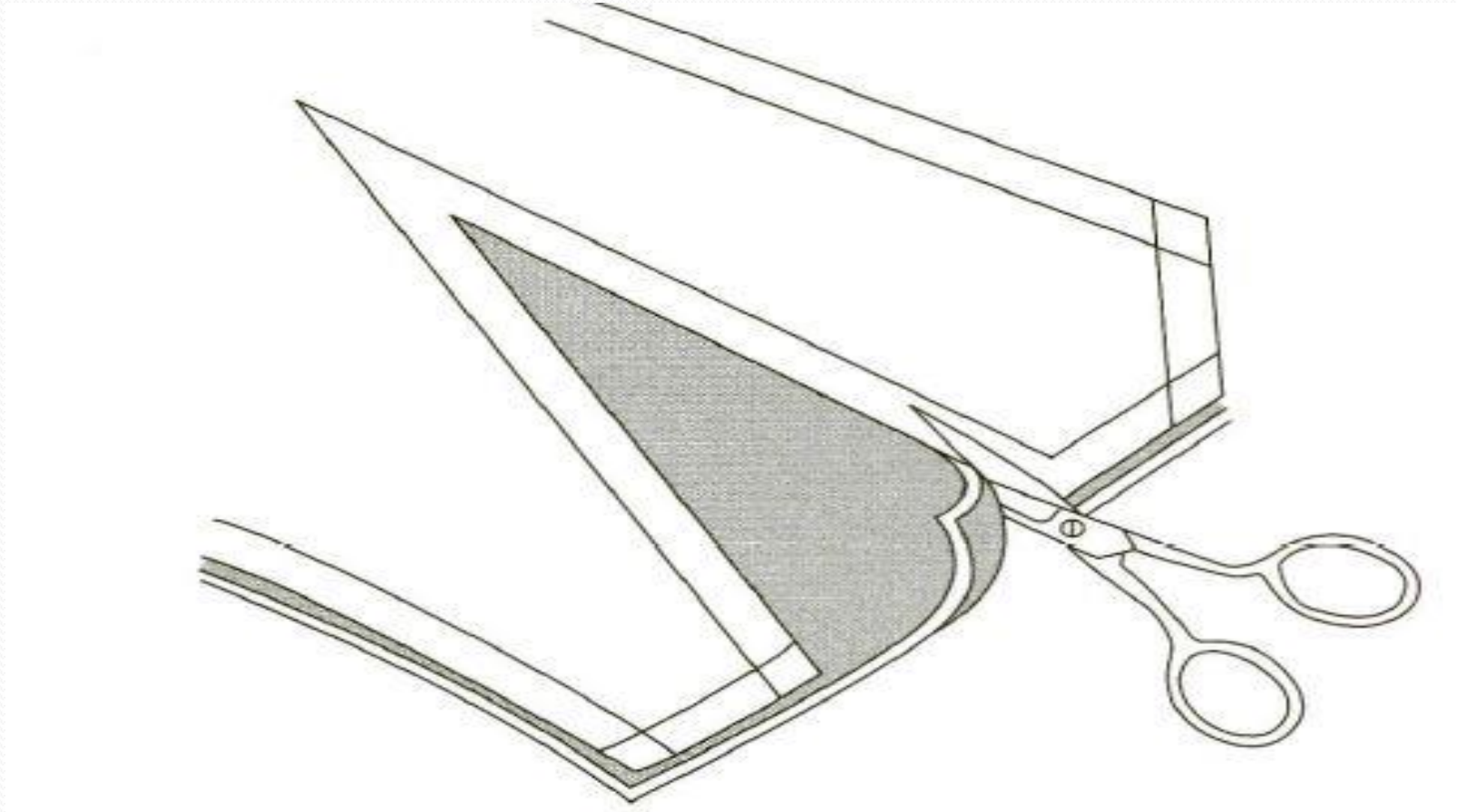
Types of dart

- A **cut-away dart** is used in garments that require extremely wide darts (primarily bodice fronts).
- A cut-away dart reduces bulk in the finished dart area
- This style of dart is used in woven fabric blouses and dresses that have large shaped darts.
- The dart is stitched in a seam and then pressed.

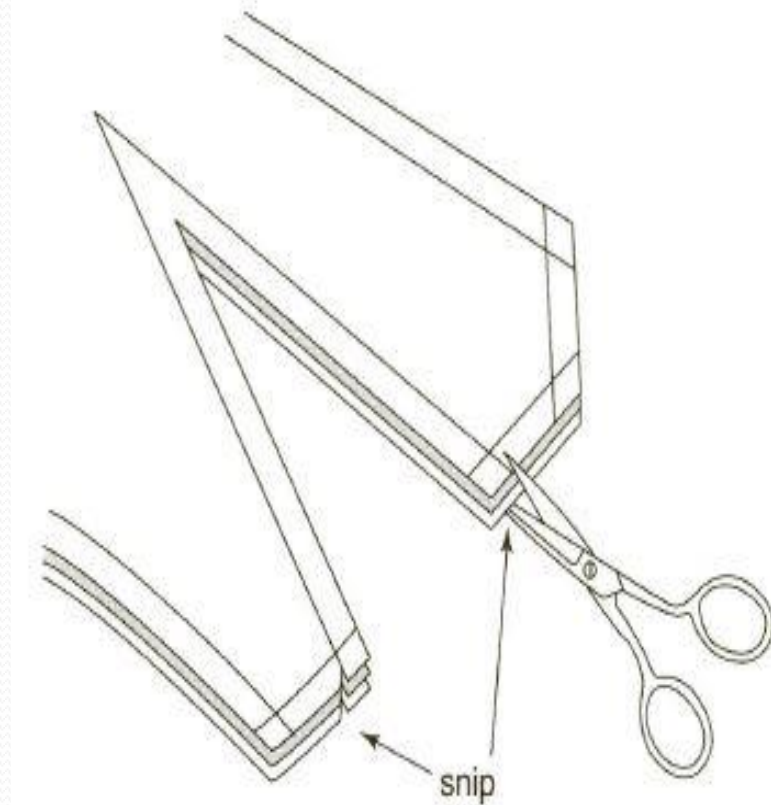


Sewing Procedure

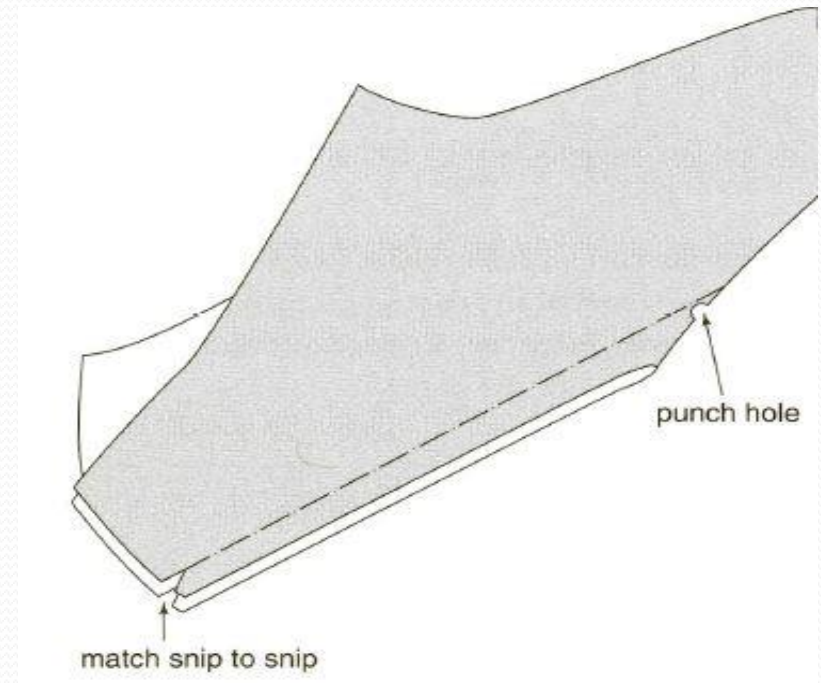
1) Eliminate the dart excess by cutting along the cutting line of the pattern.



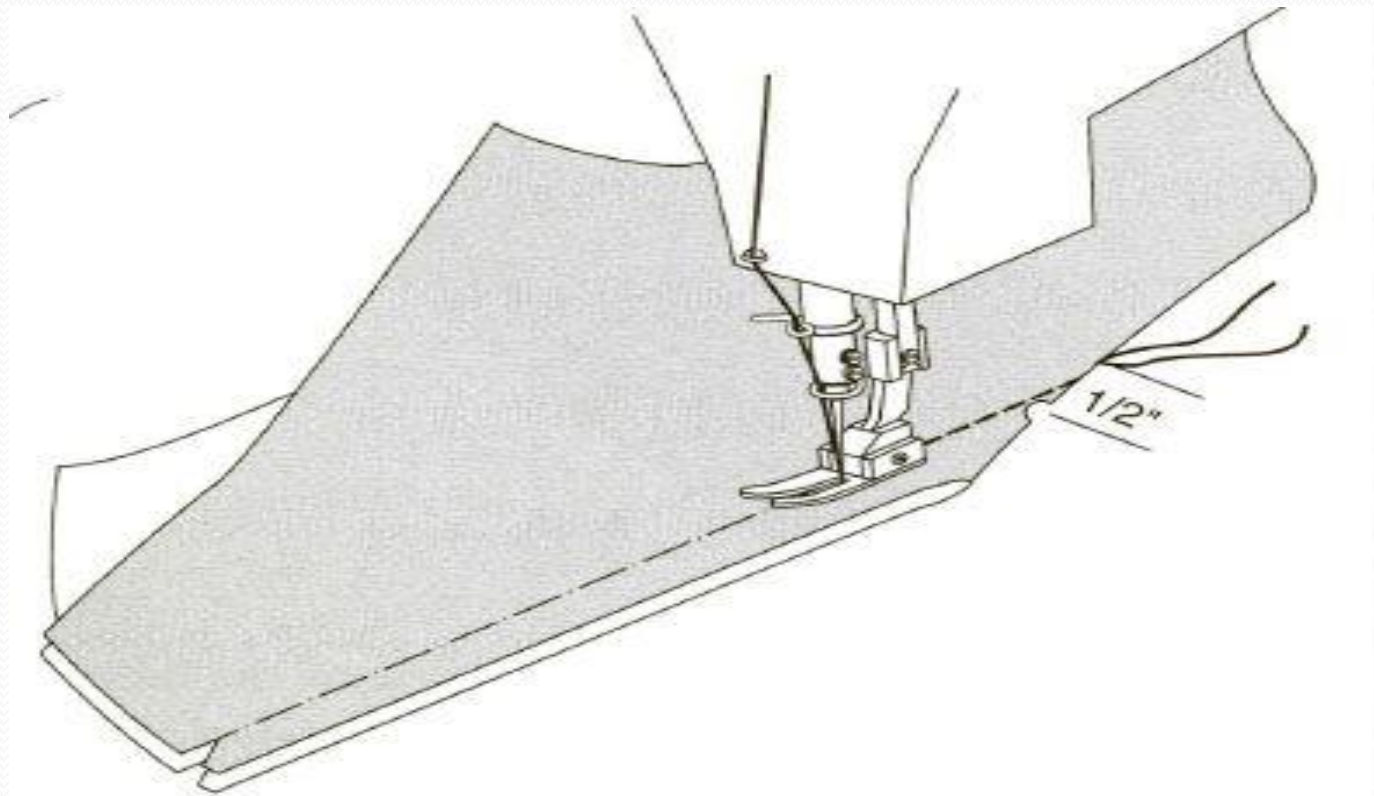
2) snip the ends of the dart line.



3) With the correct sides of the fabric together, fold the dart so that the snip ends match. Continue to fold the dart, following the seam allowance of the dart to the punch hole or pencil mark.



4) Following the seam allowance and the stitch line exactly, continue to stitch the dart toward the widest end and the snips. Backstitch and clip the threads.





Thank you