



CADTERN[®]

Little Lessons in Personal Patternmaking

Would you like to learn how to style a fitted sloper into a fitted pattern? Let *CADTERN* show you some very basic ways to get you started. These little lessons have been tested specifically using slopers (very basic, un-styled sewing patterns) created using the *CADTERN[®] Fit-FIRST* system™.

The *Fit-FIRST* system starts with cutting and sewing a sloper to look and feel just right. Then you transfer fitting modifications back to your sloper. Now, use your personal sloper as a fitting tool to style new patterns or to fit others. Following this system, you fit patterns before cutting fabric, ensuring that you **fit first**.

Dart Art 1 is the Little Chapter on patternmaking techniques for **arranging darts** to be just how big, how many and exactly where you want them.

Dart Art 2 is about **disguising darts** by converting them into fitting features of tucks, gathers, seam lines, flare or fullness. These look nothing like darts but still fit as well.

Each Little Lesson shows how to complete a simple patternmaking task using either manual or digital techniques.

Manual illustrations show simple cut & spread techniques, useful for:

- Quick and easy way to learn patternmaking techniques
- Quick cross-references to the digital techniques used.

Digital instructions show how to follow the same patternmaking techniques at the computer using a CAD (Computer-Assisted Drafting) program such as AutoSketch as used in illustrations here. This takes longer at first but gives many lasting benefits.

Maximum use of illustrations and minimum use of text provide quick, clear understanding with reduced need for both English and math.

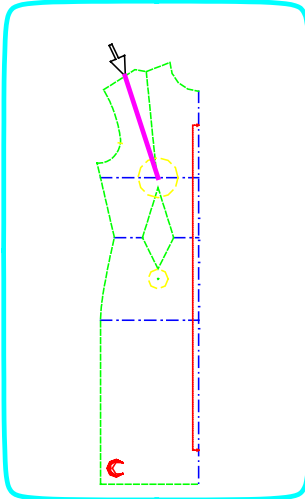
The CADTERN[®] Fit-FIRST[™] System
Of Personal Patternmaking

- 1. FIT a personal sloper.**
- 2. STYLE a fitted pattern.**
- 3. FINISH a stylish garment.**

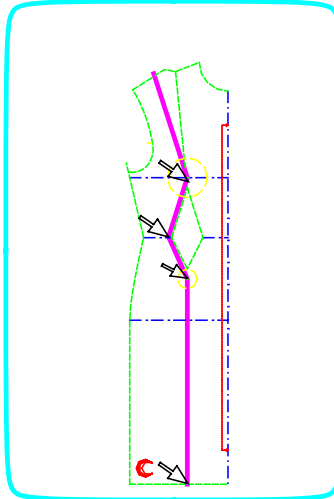
Little lesson excerpt that follows is for “**Converting Darts into Seamlines**”

How to Convert a Dart into Seamlines Manually

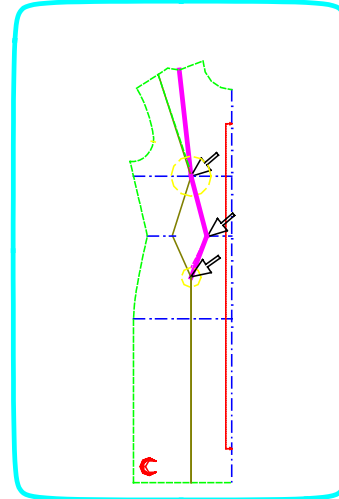
Dart Convert Seams Man cmc1.skf 001011



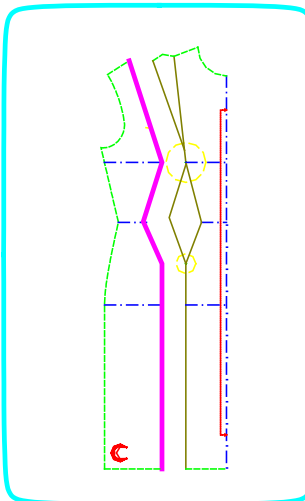
1. Draw line starting at intersection of seamline and dart leg, continuing to dart point.



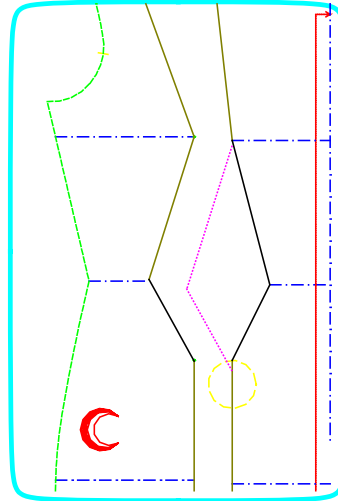
2. Continue line following dart legs and dart points to the other seamline.



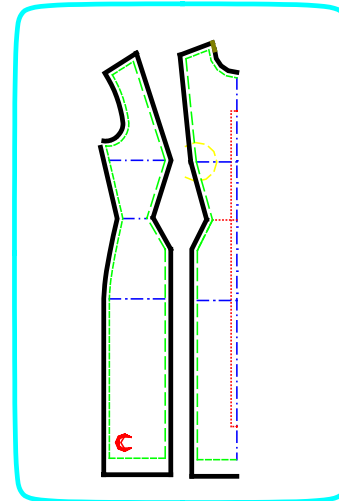
3. Starting with other dart leg, draw corresponding line joining endpoints and dart points.



4. Cut line from one dart leg following same side of darts to other seamline.



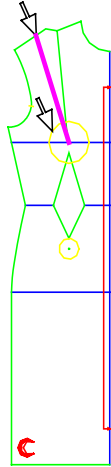
5. Trim away unnecessary portion between darts.



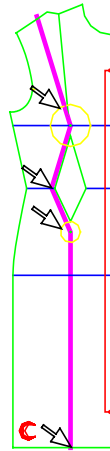
6. Finish separated individual pattern pieces.

How to Convert a Dart into Seamlines Digitally

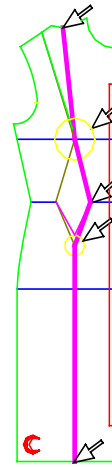
Dart Convert Seamlines CAD cmc2.skf 001111



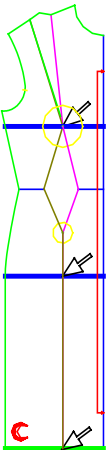
1. Draw/Polyline starting at intersection of seamline and dart leg, continuing to dart point.



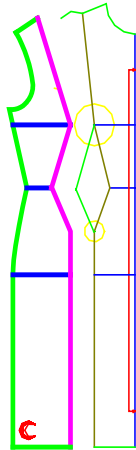
2. Continue polyline following end points and centre points to the other seamline.



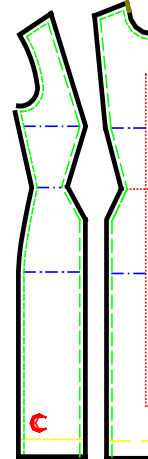
3. Starting with other dart leg, draw corresponding polyline joining end points and centre points.



4. Edit/Trim/Divide horizontal reference lines at intersection with polylines.



5. Edit/Transform/Translate selection set to move one polyline plus all intersecting entities from other polyline.



6. Finish separated individual pattern pieces.



