

## Measurements Table for Aldrich Parametric Skirt

The skirt draft by Aldrich (2015) is one of the more accessible methods of creating a skirt block. Using this method as a base we develop a parametric approach to drafting the pattern to make block development more accessible and faster than traditional manual drafting. Where necessary we have evolved the methods to suit the process of parametrisation, which also includes defining each contributing element in the draft.

Measurement		
Name	Formula/Value	Description
Waist_Circumference	68	<b>Measurement:</b> Horizontal girth of the body measured at the waist level
Hip_Circumference	94	<b>Measurement:</b> Horizontal girth of the body measured at the hip level
Waist_to_hip (Length)	20.6	<b>Measurement:</b> Vertical distance from waist to hip
Skirt_Length	60	<b>Measurement:</b> Vertical distance from waist to the finished and desired length
Ease		
Waistline_Ease	1	<b>Ease:</b> The ease at the waistline.
Hip_Ease	3	<b>Ease:</b> The ease at the hip
Variables		
Side_Seam_Uplift	1.25	<b>Variables:</b> The difference in length between the waist to hip at the side seam and waist to hip at the CF or CB
CB_Dart_Length	14	<b>Variables:</b> Vertical distance from waistline to the CB dart apex
Back_Side_Seam_Dart_Length	12.5	<b>Variables:</b> Vertical distance from waistline to back side seam dart apex
Front_Dart_Length	10	<b>Variables:</b> Vertical distance from waistline to the front dart apex
CB_Dart_Intake	2	<b>Variables:</b> The value of the width between the CB dart legs
Back_Side_Seam_Dart_Intake	2	<b>Variables:</b> The value of the width between the back side seam dart legs
Front_Dart_Intake	2	<b>Variables:</b> The value of the width between the front dart legs
Additions		
Side_Seam_Curve_Creation_Value	1	<b>Additions:</b> An addition to shape a curve from a straight line