

THE CHILD
BODY PROFILE ●



AlvaForm Measurement Manual

alva FORM

alvanon 

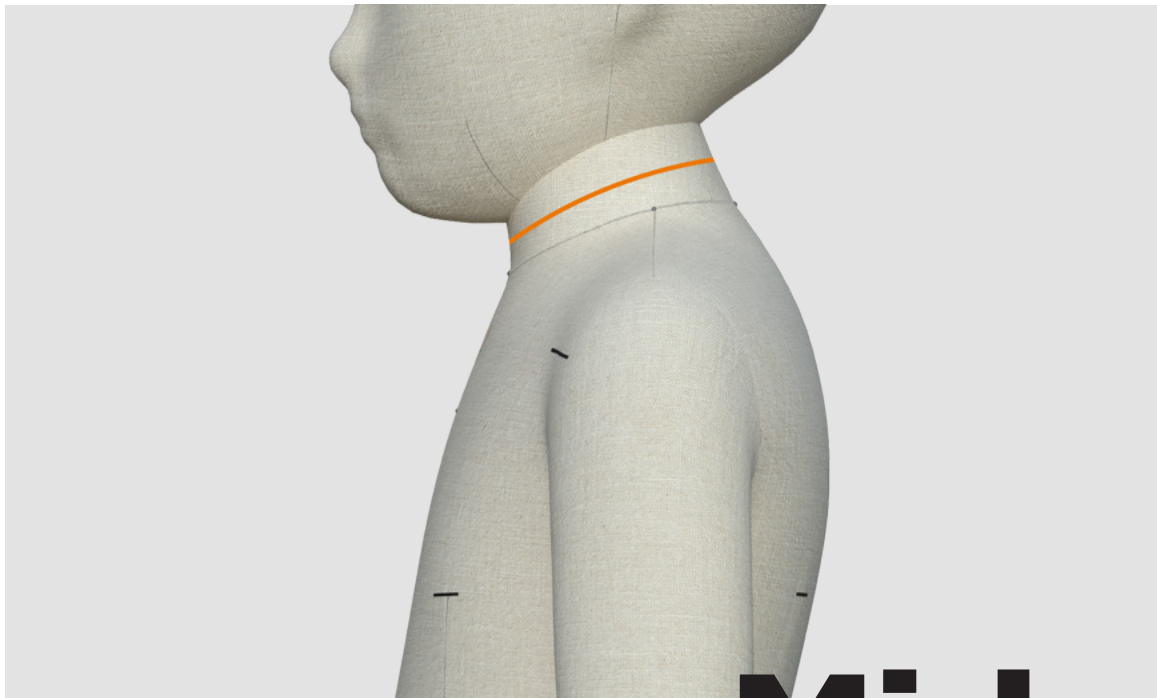
Table of Contents.

Neck Base	3
Mid Neck	3
Across Shoulder (<i>Curvilinear</i>)	4
Shoulder Drop	4
Across Front	5
CFneck To Across Front	5
Across Back	6
CBneck To Across Back	6
Chest	7
Waist	7
CFneck to Waist	8
CBneck To Waist	8
High Hip	9
Waist to High Hip	9
Low Hip	10
Waist to Low Hip	10
Inseam	11
Total Rise	11
Thigh	12
Knee	12
Calf	13
Ankle	13
Armhole	14
CBneck To Wrist (<i>Back elbow</i>)	14
Arm Length (<i>Back Elbow</i>)	15
Bicep	15
Elbow	16
Wrist	16
Vertical Trunk (<i>HPS</i>)	17
Head Circumference	17
Cervical To Head	18
Hand Length	18
Hand Width	19
Foot Length	19
Foot Width	20



Neck Base

On the base neck position follow the seam line to measure the contour



Mark the front and back mid-neck points using the **Center front/Back Neck to Mid Neck measurements**. Then, measure the Neck circumference across the two aforementioned points.

Mid Neck



Across Shoulder *(Curvilinear)*

Mark the Across Shoulder center point using the Center Back neck to Across shoulder measurement.

Distance from the left shoulder point to the right shoulder point across the aforementioned center points.



Vertical measurement between the High Point Shoulder (HPS) and the Shoulder Key Point.

Position a ruler horizontally at the HPS level and measure the vertical distance with the Shoulder Point.



Mark the Across Front center point using the **Center Front Neck to Across Front** measurement.

Distance from left pitch point to right pitch point across the aforementioned center point.



Curvilinear Vertical measurement taken from the Center Front Neck Point down to the Across Front Center Point.



Across Back

Mark the Across Back center point using the **Center Back neck to Across Back** measurement.

Distance from left pitch point to right pitch point across the aforementioned center point.



CBneck To Across Back

Curvilinear Vertical measurement taken from the Center Back Neck Point down to the **Across Back** Center Point.



Chest

Horizontal circumference around the fullest part of the chest, Landmarks indicate the position of this measurement.

Waist

Horizontal circumference around the narrowest part of the torso viewing the body from the Front. A twill tape marks the waist girth.





CFneck To Waist

Curvilinear Vertical measurement taken from the **Center Front Neck Point** down to the **Waist Height center Point**.

CBneck To Waist

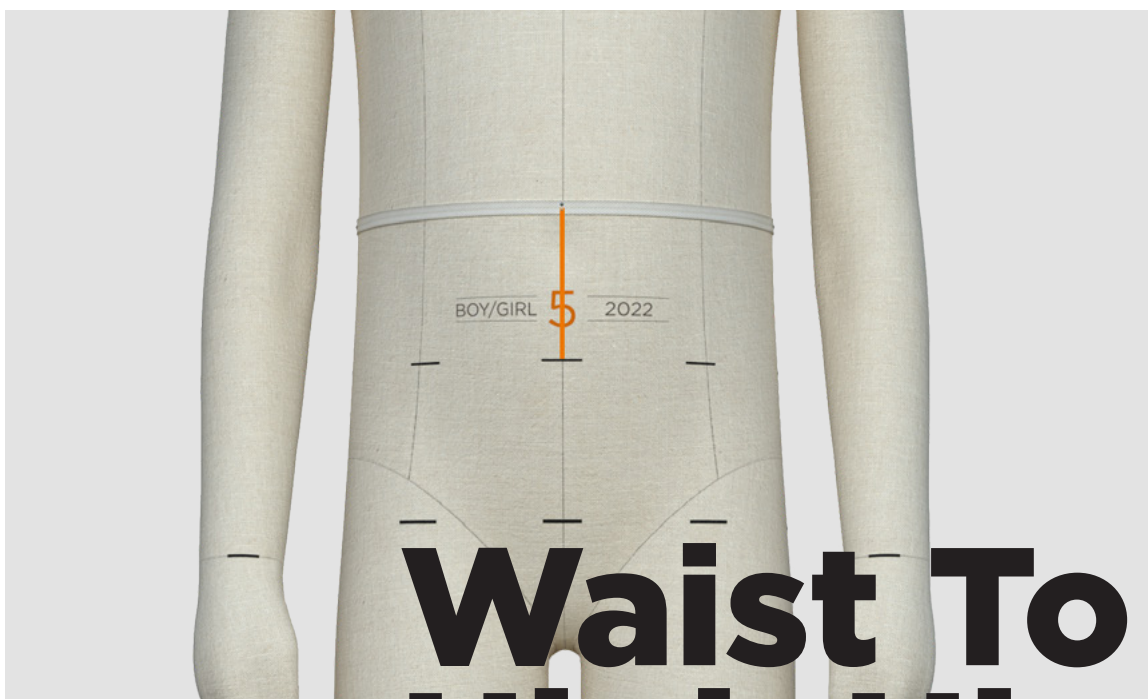
Curvilinear Vertical measurement taken from the **Center Back neck Point** down to the **Waist height Center Point**.





High Hip

Horizontal circumference around the child's **High Hip**.
Landmarks indicate the position of this measurement.



Waist To High Hip

Curvilinear Vertical measurement taken from **Center Front
Waist Point** down to the **High Hip Center Point**.

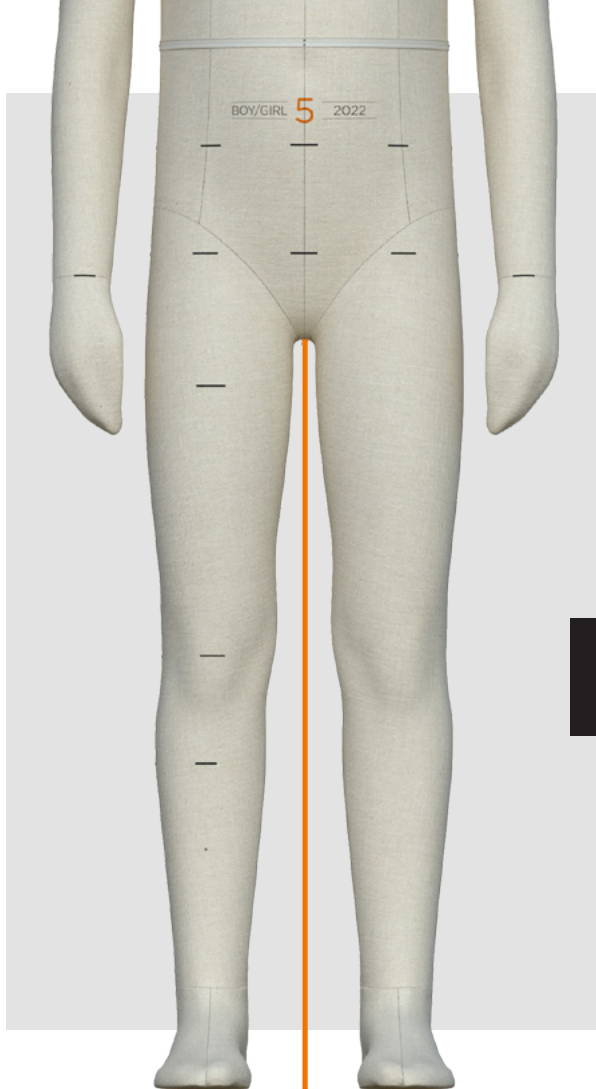
Low Hip

Horizontal circumference around the widest part of the **Hip** area. Landmarks indicate the position of this measurement.



Waist To Low Hip

Curvilinear Vertical measurement taken from **Center Front Waist Point** down to the **Low Hip Center Point**.



Inseam

Vertical distance between the Crotch Height and the bottom of the Alvaform.



Total Rise

Curvilinear measurement around the crotch. Starting from the Center Front point of the Waist Girth Line, across the Crotch point and ending at the Center Back Point of the Waist Girth line.



Thigh

Horizontal circumference around the Thigh at the level of the printed marks.



Horizontal circumference around the Knee at the level of the printed marks.

Knee



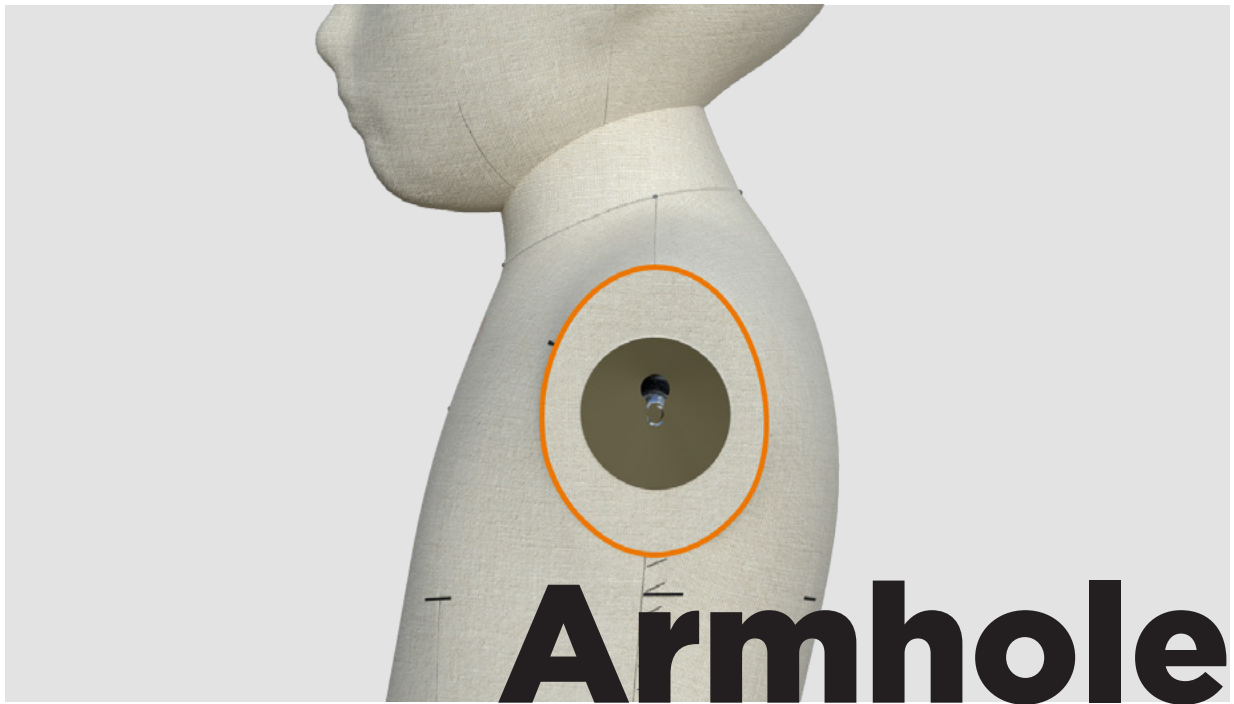
Horizontal circumference at the fullest part of the Calf positioned by the printed marks.

Calf



Ankle

Horizontal circumference across the Ankle positioned by a twill tape.



Remove the arm from the body and measure the circumference of the plane describing the **Armhole** as it is shown in the picture.

CBneck To Wrist

(Back Elbow)

Curvilinear measurement starting from the **Center Back Neck Point** to the **Shoulder Key Point**. Continuing across the **Back Elbow point** defined at the center of the Bone protrusion and ending at the **Back Point of the Wrist**.





Arm Length

(Back Elbow)

Curvilinear measurement starting from the **Shoulder Key Point** to the **Back Elbow Point** defined at the center of the Bone protrusion and ending at the **Back Point of the Wrist**.



Bicep

The **Bicep Inner Point** is normally 1 inch below the armhole bottom. Then perpendicular to the upper arm, we measure the circumference around the **Bicep** starting and ending at the aforementioned point.



Elbow

Natural 5 to 10 degree angle between the lower and upper arm is applied on Alvaform. **Elbow Girth** position can be defined by the center of the **Elbow Bone** protrusion.

Wrist

Depends on the Alvaform. A twill tape is normally placed at the **Wrist Girth** position. If there is no twill tape placed, find the **Wrist** by measuring the **CBneck to Wrist** or **Arm Length**.





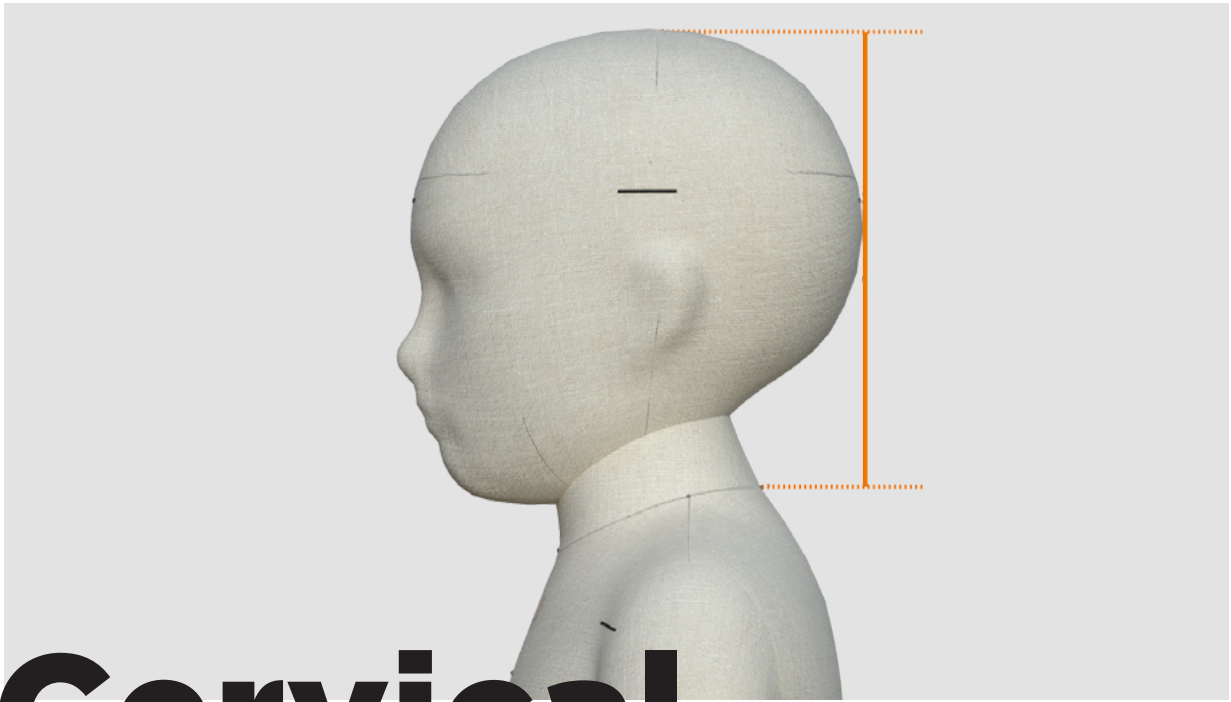
Vertical Trunk *(HPS)*

Measure the vertical circumference beginning at the HPS, between the legs, continuing back up to the same HPS.



Head Circumference

The circumference around the widest part of the head. Landmarks indicate the position of this measurement.



Cervical To Head

The vertical distance taken from the **Center Back neck** level to the top of the head.



Hand Length

The distance taken from the wrist down to the tip of middle finger.(measured along the outside of hand)



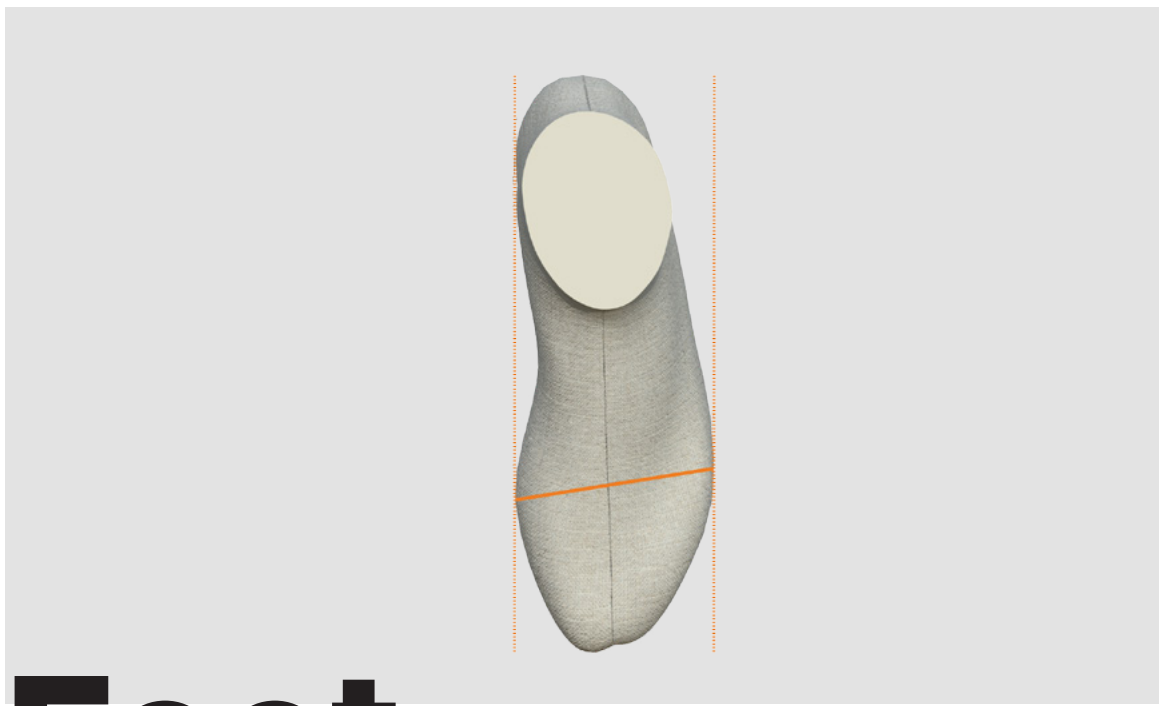
The distance between the greatest protrusion point of the thumb and pinky fingers' metacarpophalangeal joints. (measured along the outside of hand)

Hand Width



The distance between the heel bone and the tiptoe.

Foot Length



Foot Width

The straight distance between the greatest protrusion point of the big and little toes' metacarpophalangeal joints.