

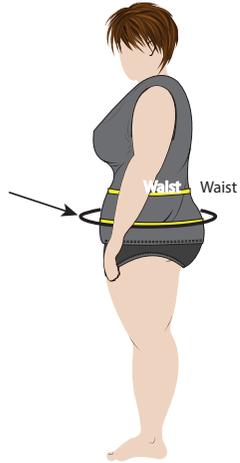
Supplementary Measurements

How to Correctly Measure the *Real World* Figure for Trouser Patterns

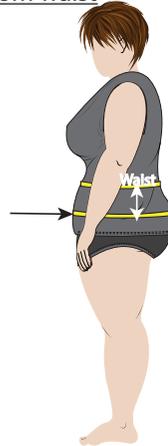
If the tummy protrudes, even slightly, one needs to know:-

1. The circumference (width) around the tummy.
2. The depth from the waist to the width of the tummy.

Circumference of tummy



Depth of tummy from waist



The circumference of the waist.

The trouser pattern is formed from the hip width and crutch depth then shaped at the waist, to fit to the waist width, by darts, or by elastic.

Waist Width



Thigh Width

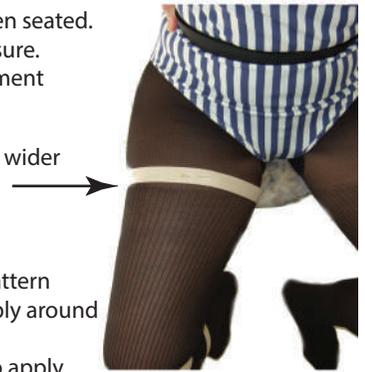
Measure the circumference of the thigh when seated. Place two fingers underneath the tape measure to include at least 3 to 5 cm to the measurement for ease of movement.

The trouser legs should be at least 3 to 5 cm wider than the actual body thigh width.

NOTE. This measurement is checked on the pattern to establish that the trousers will fit comfortably around the thigh.

Should the thighs be thin, you will not have to apply this measurement to the basic pattern, however if the thighs are wide, the width must be applied to the pattern.

This measurement is applied to the pattern if a very snug fit around narrow leg are required as in stretch denim or boot leg style.



Knee Circumference

Measure the bent knee, allowing at least 4 to 6 cm ease as well

This measurement can be applied to the pattern if a very snug fit around narrow leg are required as in stretch denim or boot leg style.

This measurement is usually affected by fashion trends, more than by body measurements



Knee Length

Measure from the waist down the leg to the "middle" of the knee cap.



Leg Length from waist to hem.

The length of the trousers is measured from waist to heel.

Length from waist to knee cap



Hem width, i.e width at bottom.

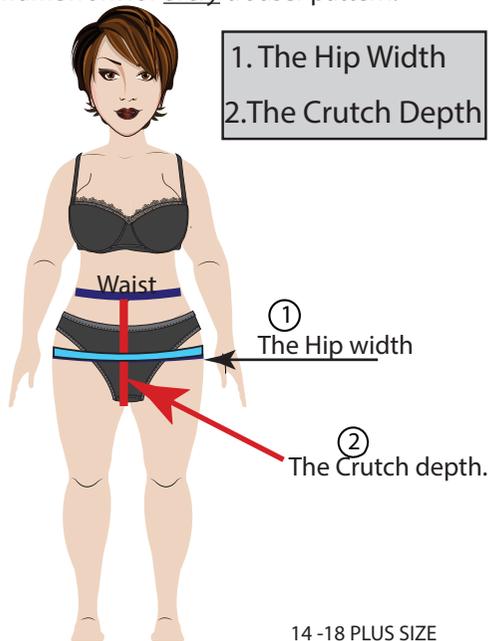
For Hip Size	Front Trousers	Back Trousers
80 to 92	10	11
97 to 112	11	12
114 to 126	12.5	13.5
128 to 134	13.5	14.5
136 and above	15	16

Note

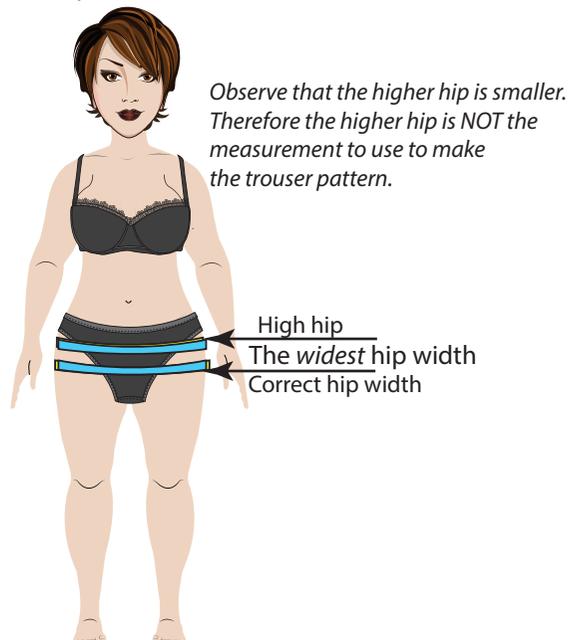
The above widths of trouser bottoms are used as a guide in drawing the *basic* trouser pattern. The width is subject to fashion trends and may be made as wide or narrow when styling the trousers such as snug fitting narrow legged trousers for stretch denim jeans.

How to Correctly Measure the *Real World Figure* for Trouser Patterns

These two measurements form the framework for *every* trouser pattern.



Some figures will have TWO hip widths. Thus two hip widths are measured and recorded.



The widest measurement between the waist and the crutch depth is the measurement that is used to draft a trouser pattern.

The widest measurement may be:-
1. the higher hip width,
2. the 2nd hip width or, in some cases,
3. the tummy width.

The widest measurement is the size number to use on the pattern ruler.

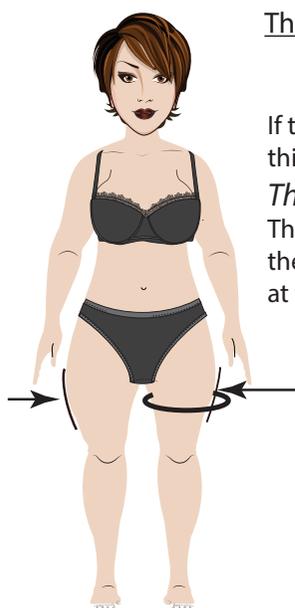


How to Measure the Crutch Depth.

Tie a piece of string around the waist. Sit on a flat hard surface. Measure down the side, from the waist to the seat of the chair or table on which you are seated.

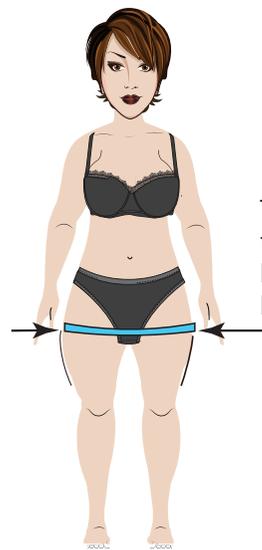


The Thigh Width.



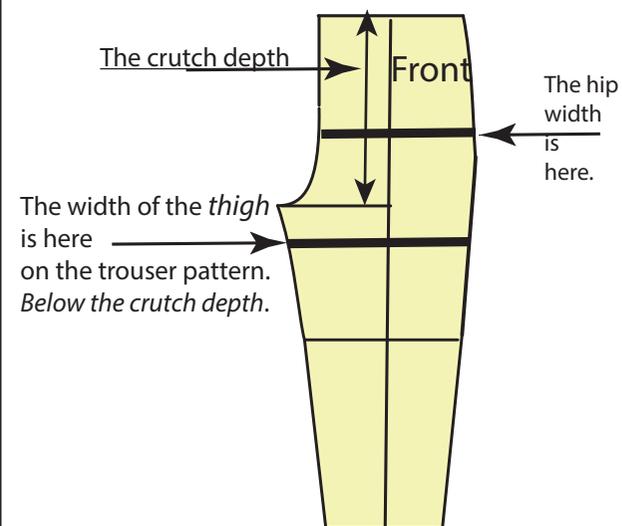
If the widest measurement is *below the crutch* - this will not be the hip width. *This is the width of the thigh.* The thigh circumference is measured around the top of the leg and applied to the pattern at the top of the leg.

The Hip Size Number to Use on the Pattern Ruler.



This is the width of the hip, this hip width will be the size used to draft the basic trouser pattern.

Where these Size Numbers are on the Pattern.



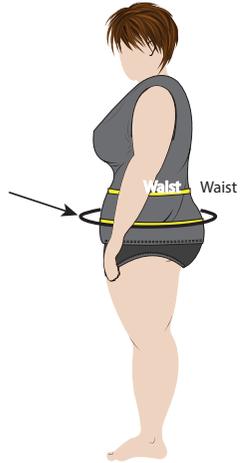
Supplementary Measurements

How to Correctly Measure the *Real World* Figure for Trouser Patterns

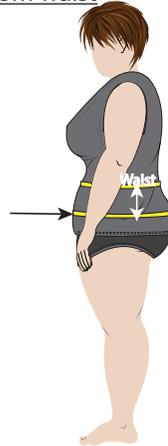
If the tummy protrudes, even slightly, one needs to know:-

1. The circumference (width) around the tummy.
2. The depth from the waist to the width of the tummy.

Circumference of tummy



Depth of tummy from waist



The circumference of the waist.

The trouser pattern is formed from the hip width and crutch depth then shaped at the waist, to fit to the waist width, by darts, or by elastic.

Waist Width



Thigh Width

Measure the circumference of the thigh when seated. Place two fingers underneath the tape measure to include at least 3 to 5 cm to the measurement for ease of movement.

The trouser legs should be at least 3 to 5 cm wider than the actual body thigh width.

NOTE. This measurement is checked on the pattern to establish that the trousers will fit comfortably around the thigh.

Should the thighs be thin, you will not have to apply this measurement to the basic pattern, however if the thighs are wide, the width must be applied to the pattern.

This measurement is applied to the pattern if a very snug fit around narrow leg are required as in stretch denim or boot leg style.



Knee Circumference

Measure the bent knee, allowing at least 4 to 6 cm ease as well

This measurement can be applied to the pattern if a very snug fit around narrow leg are required as in stretch denim or boot leg style.

This measurement is usually affected by fashion trends, more than by body measurements



Knee Length

Measure from the waist down the leg to the "middle" of the knee cap.



Leg Length from waist to hem.

The length of the trousers is measured from waist to heel.

Length from waist to knee cap



Hem width, i.e width at bottom.

For Hip Size	Front Trousers	Back Trousers
80 to 92	10	11
97 to 112	11	12
114 to 126	12.5	13.5
128 to 134	13.5	14.5
136 and above	15	16

Note

The above widths of trouser bottoms are used as a guide in drawing the *basic* trouser pattern. The width is subject to fashion trends and may be made as wide or narrow when styling the trousers such as snug fitting narrow legged trousers for stretch denim jeans.