2.1 General comments

2.1.1 All of the measuring methods which are explained in subsection 2.1 are applicable to chinos/trousers.

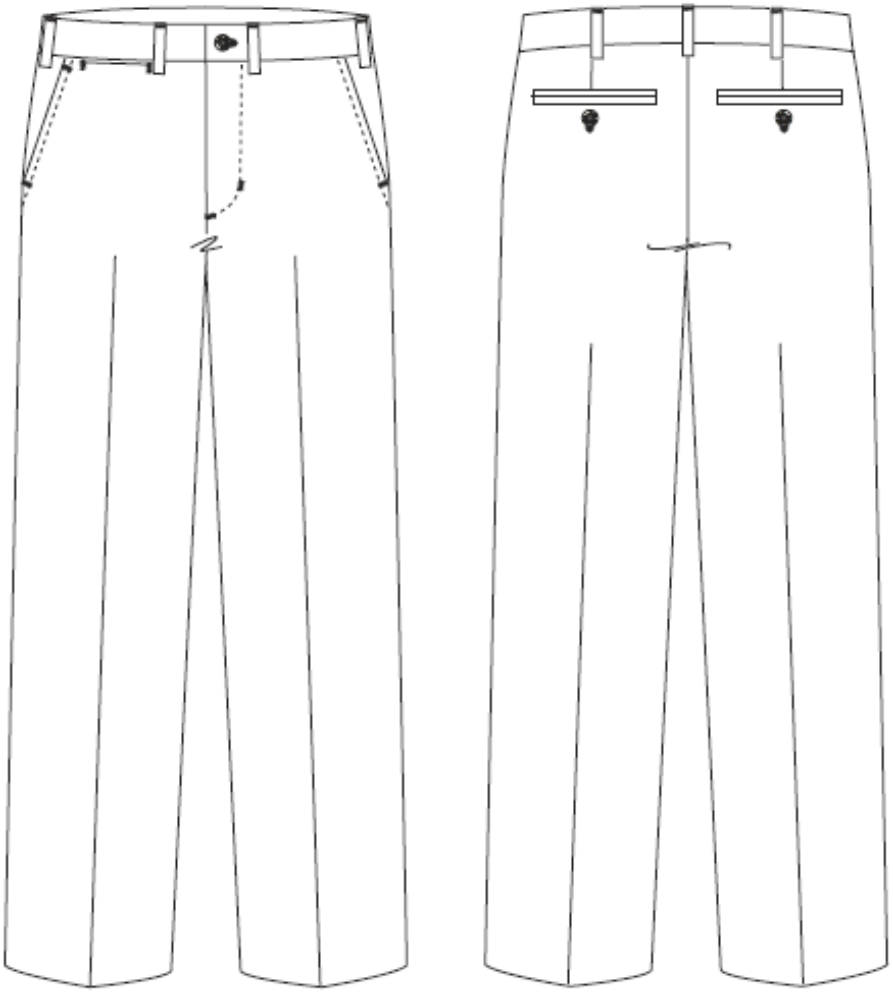
2.1.2 The tolerances to be applied on each of the measurements explained can be found in section 9.6.

2.1.3 Any reference made to the right and left is referring to the right or left side of the garment as it is to the wearer or ‘as worn’.

2.2 Measurement points – Chinos

A	Waist
B	High hip (v measurement)
C	Seat
D	Upper Thigh
E	Lower Thigh
F	Knee
G	Cuff (Bottom width)
H	Inleg (Inseam)
I	Front rise
J	Back rise
L	Zip fly opening
M	Fly length
N	Fly width
O	Front pocket width
P	Front pocket length
Q	Coin pocket width
R	Coin pocket positioning from the front pocket edge

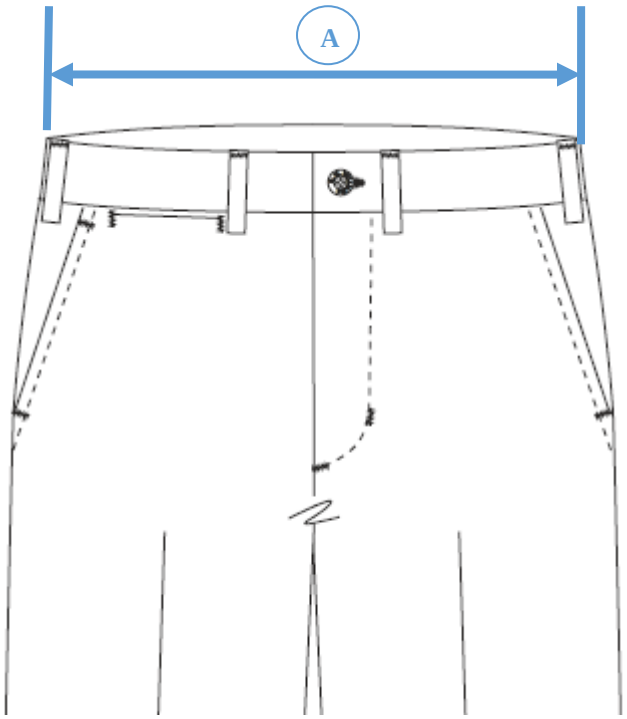
S, T, U & V Back pocket positioning and measurements



2.3 Measurement A = Waist

2.3.1 Method

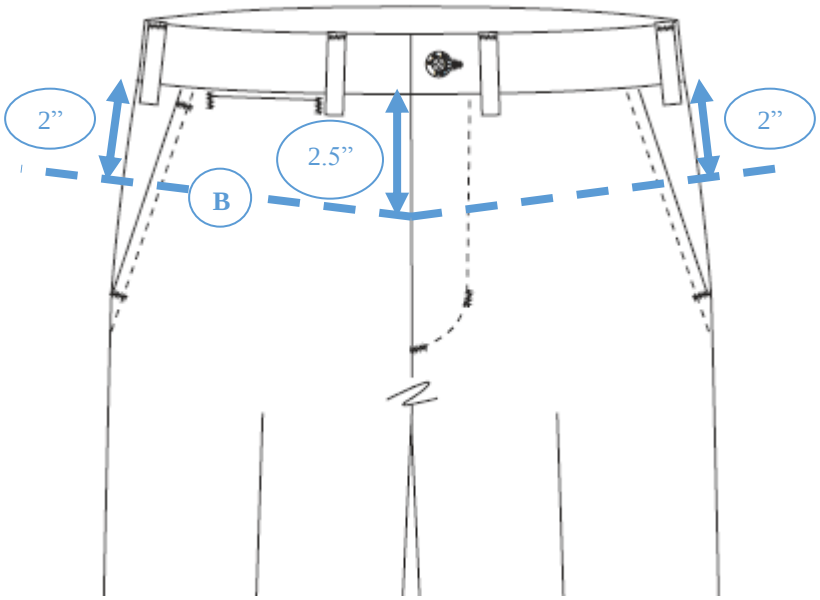
- Lay the garment flat & face up with waistband top edges level so that no dipping occurs at the center front.
- Make sure the fly opening is fully fastened.
- There should be no looseness in the waistband
- Do not stretch the waistband
- Measure along top edge of waistband, inside edge to inside edge. Double for total waist measurement.



Measurement B = High hip (v measurement)

2.4.1 Method

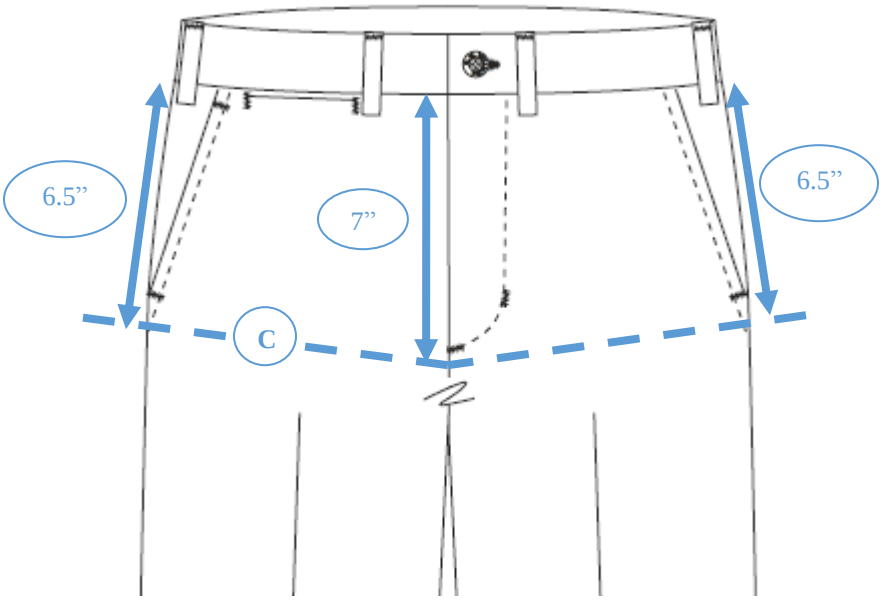
- Lay the garment flat & face up with front waistband dipping naturally.
- Make sure the fly opening is fully fastened.
- There should be no looseness, smooth out garment before measuring
- Roll side seams if necessary.
- Find the high hip position by measuring 2.5 inches straight down from the waist assembly seam and 2 inches at the side seams.
- Measure across in a v position from edge to edge as illustrated below.
- Double for total high-hip measurement.



2.5 Measurement C = Seat

2.5.1 Method

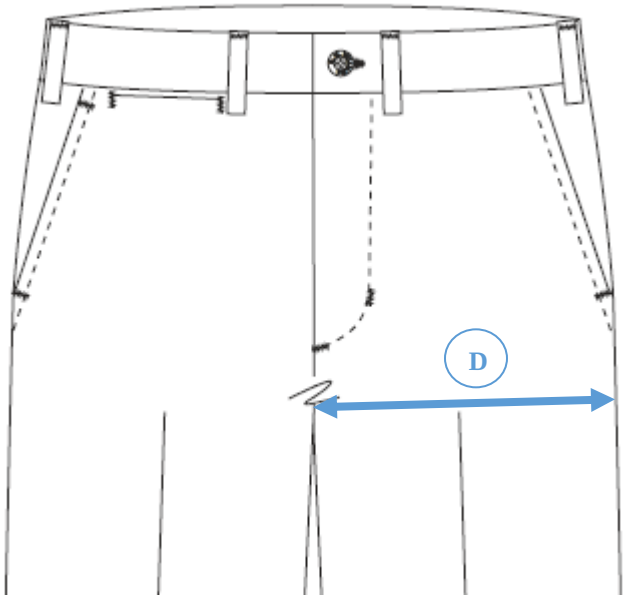
- Lay the garment flat & face up with front waistband dipping naturally.
- Make sure the fly opening is fully fastened.
- There should be no looseness, smooth out garment before measuring
- Roll side seams if necessary.
- Find the seat position by measuring from the waist assembly seam at the side seams and the center waist. (The exact measurement can be found on the grading sheet for each style).
- Measure across in a v position from edge to edge as illustrated below
- Double for total seat measurement.



2.6 Measurement D = Upper Thigh

2.6.1 Method

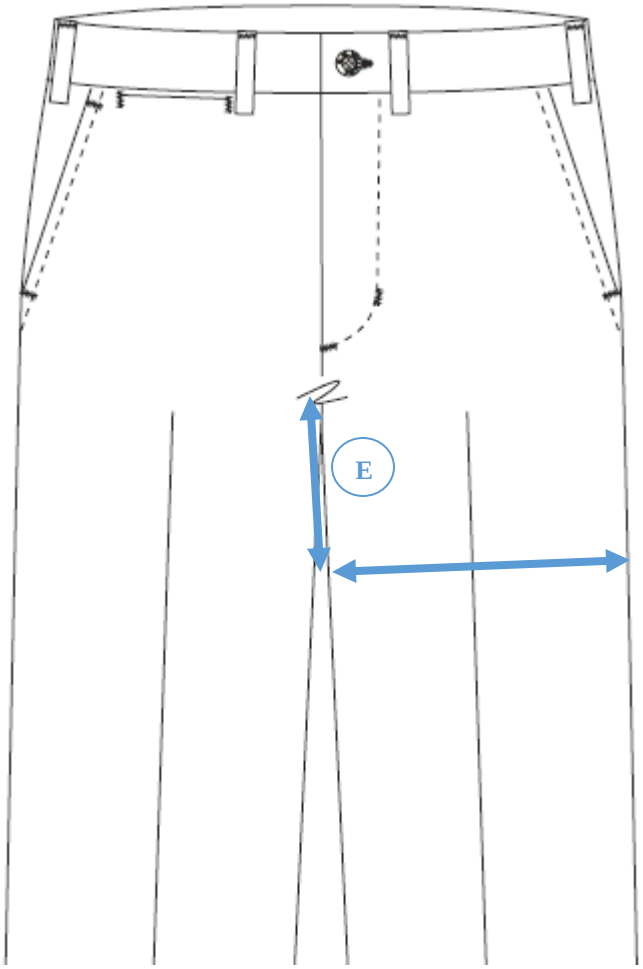
-Lay the garment flat & face up on the table.
-Measure on the left leg as worn.
-Remove all fullness and roll side seam if necessary.
-There should be no looseness, smooth out garment before measuring-
-Roll side seams if necessary.
-Measure from edge to edge ensuring the tape passes through the crotch.
-Double for total high thigh measurement.



2.7 Measurement E = Lower Thigh

2.7.1 Method

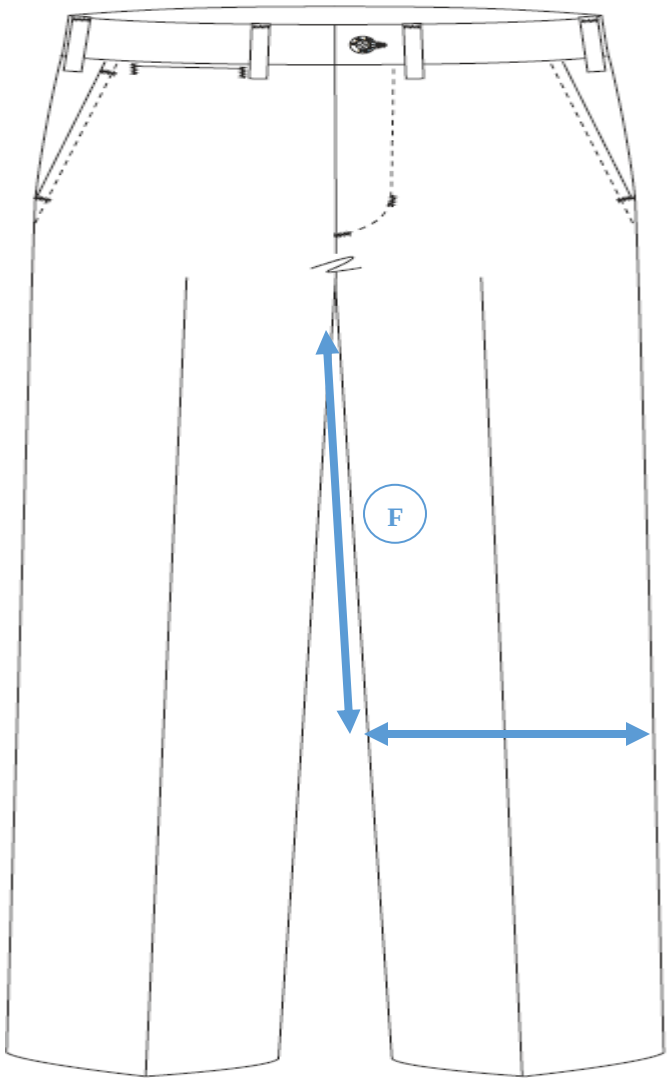
- Lay the garment face up on the table
- Measure on the left leg as worn.
- Remove all fullness and roll side seams if necessary.
- There should be no looseness, smooth out garment before measuring-
- Roll side seams if necessary
- Measure 3 inches from the crotch along the inseam to the lower thigh position
- Measure straight across the leg from edge to edge.



2.8 Measurement F = Knee

2.8.1 Method

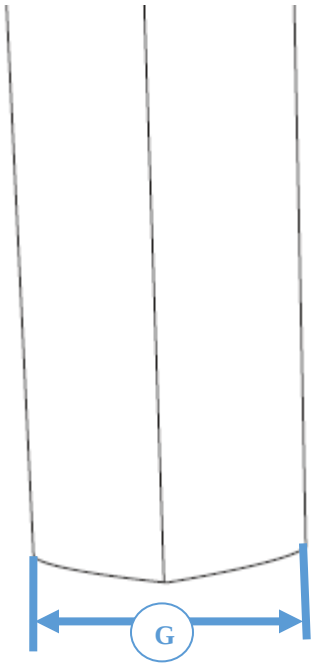
- Lay the garment flat & face up on the table
- Smooth out, do not stretch
- The pant must be measured flat on the table
- Find the knee position by measuring **14”** from the crotch down the inside seam of the left leg.
- Measure straight across, outside edge to outside edge parallel to the bottom hem
- Double for knee measurement.



2.9 Measurement G = Cuff (Bottom width)

2.9.1 Method

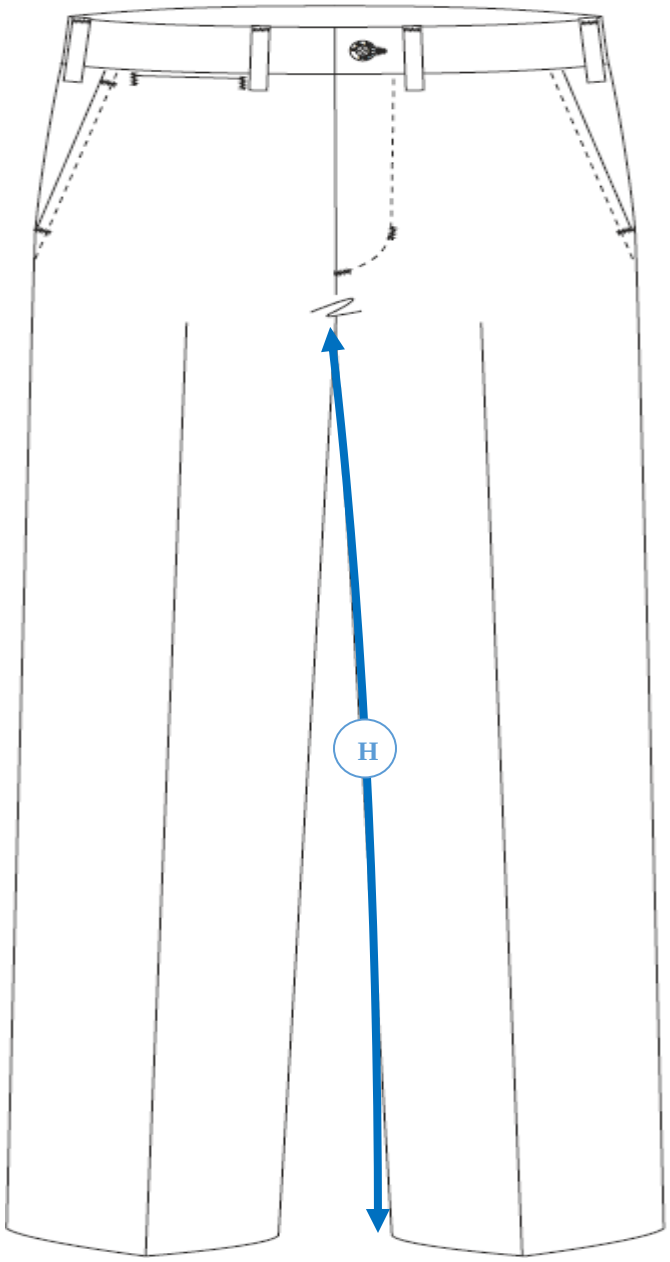
- Lay the garment face up on the table
- Remove all fullness and roll side seams if necessary
- Smooth out, do not stretch
- The pant must be measured flat on the table.
- Measure left leg straight across from outside edge to outside edge.
- Double measurement for total bottom width measurement.



2.10 Measurement H = Inleg (Inseam)

2.10.1 Method

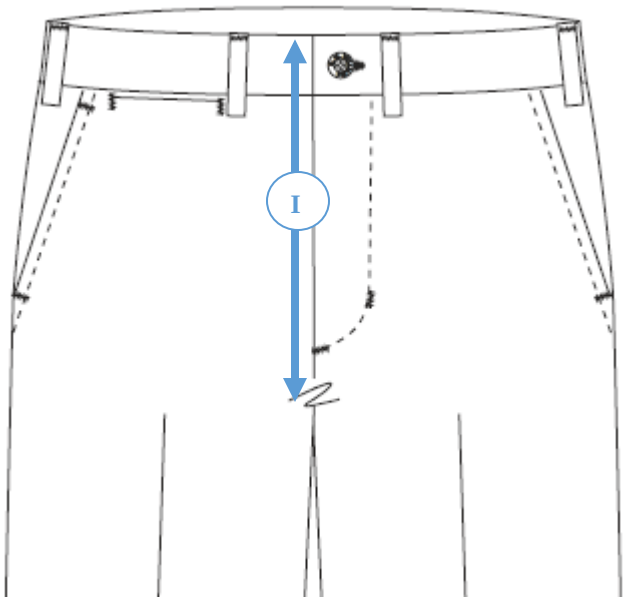
- Lay the garment face up on the table
- Smooth out, do not stretch
- Pant must be measured flat on a table.
- On the left leg measure from the crotch to the bottom of the hem.
- Follow the curves of the seam



2.11 Measurement I = Front rise

2.11.1 Method

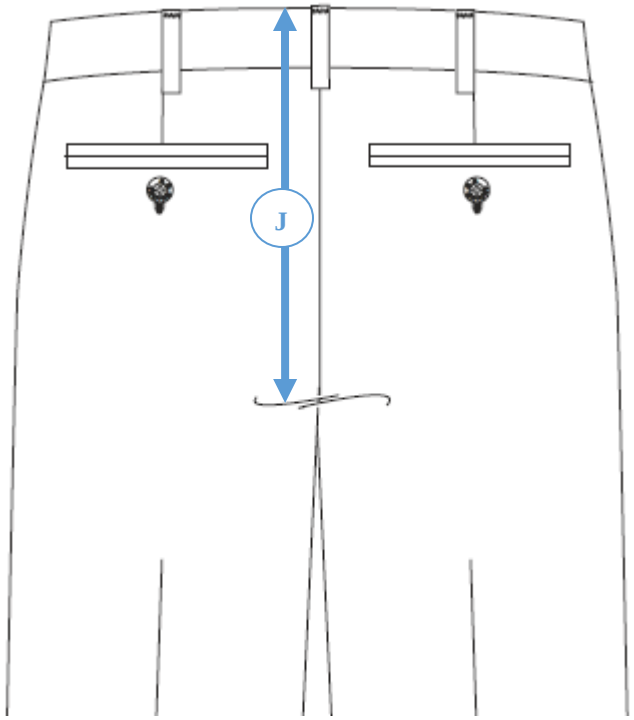
- Lay the garment flat & face up
- Rise must lay smooth without looseness, but not stretched.
- Take a straight line measurement from the crotch point to the top of the waistband as illustrated below.



2.12 Measurement J = Back rise

2.12.1 Method

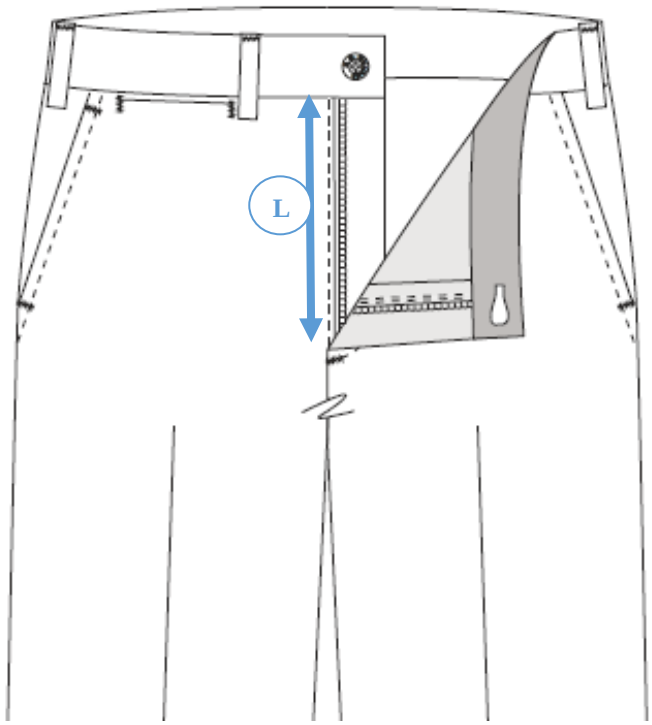
- Lay the garment flat, face down
- Rise must lay smooth without looseness, but not stretched.
- Take a straight line measurement from the crotch point to the top of the waistband as illustrated below.



2.13 Measurement L = Zip fly opening

2.13.1 Method

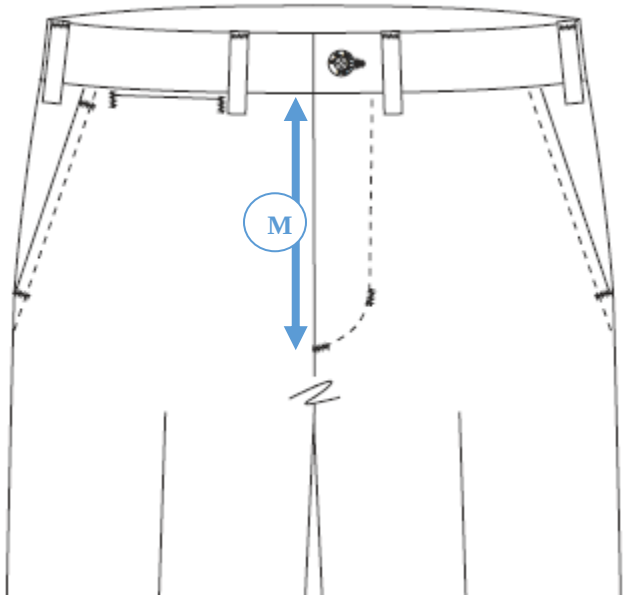
- Lay the garment flat, face up.
- Smooth out, do not stretch
- Garment must be measured flat on the table.
- Waistband button to be open and zip slider down to the lowest point.
- Measure straight down the right side of the zipper from the bottom edge of the waistband to top of the slider.



2.14 Measurement M = Fly length

2.14.1 Method

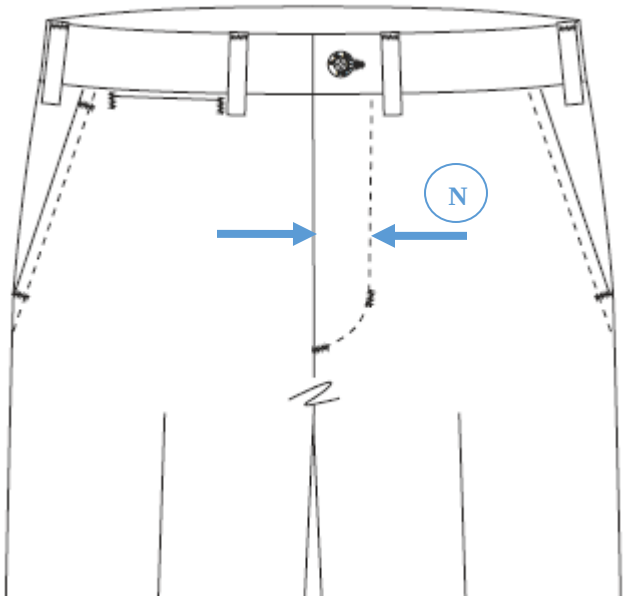
- Lay the garment flat, face up.
- Smooth out, do not stretch
- Garment must be measured flat on the table.
- Measure straight down from the top to the bottom of the fly



2.15 Measurement N = Fly width

2.15.1 Method

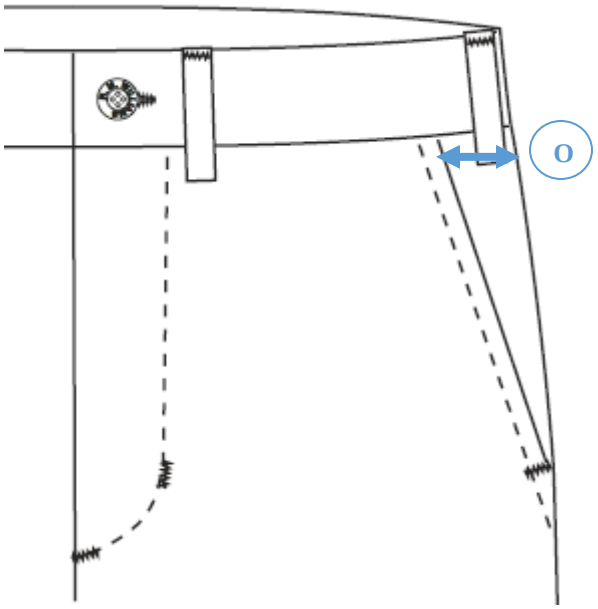
- Lay the garment flat, face up.
- Smooth out, do not stretch
- Garment must be measured flat on the table.
- Measure straight across fly width from edge of fly, straight across to outer stitch line



2.1.6 Measurement O = Front pocket width

2.13.2 Method

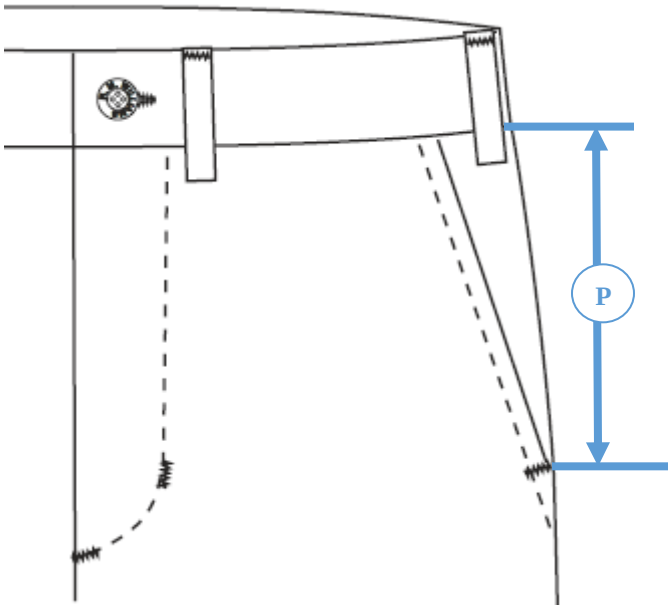
- Lay the garment flat & face up.
- Smooth out, do not stretch
- Garment must be measured flat on the table.
- Measure the left pocket from the pocket edge along waistband to the side seam.



2.14 Measurement P = Front pocket length

2.14.1 Method

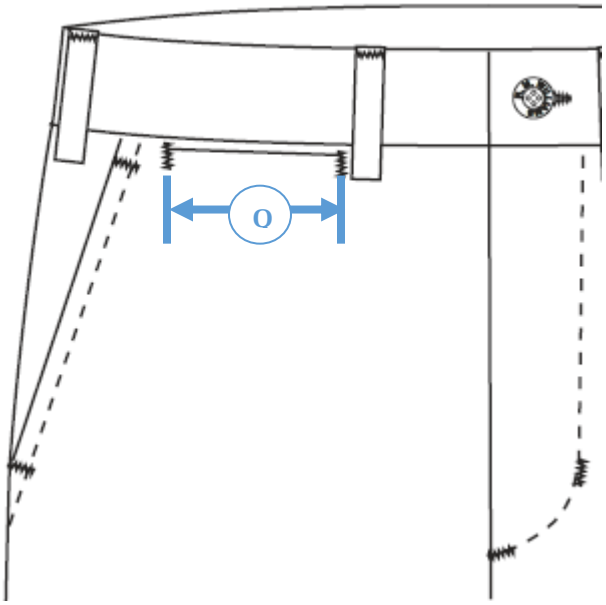
- Lay the garment flat, face up.
- Smooth out, do not stretch
- Garment must be measured flat on the table.
- Measure the left pocket from the bottom of the waistband to the pocket edge along the side seam.



2.15 Measurement Q = Coin pocket width

2.15.1 Method

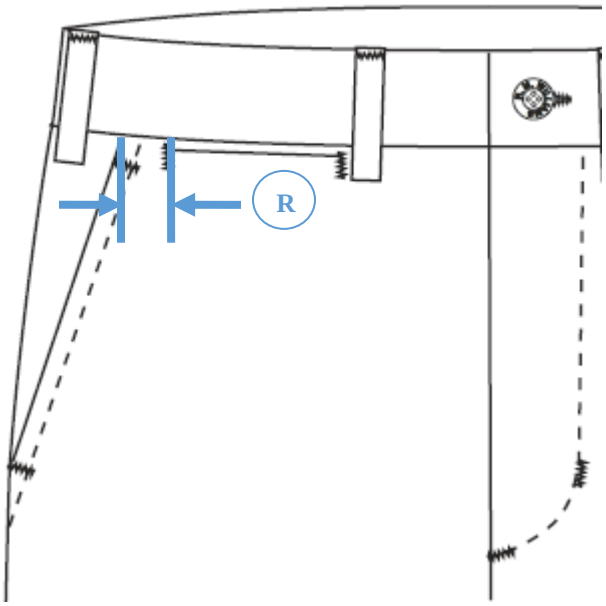
- Lay garment flat, face up.
- Smooth out, do not stretch
- Garment must be measured flat on the table.
- Measure from one side of the coin pocket to the other side.



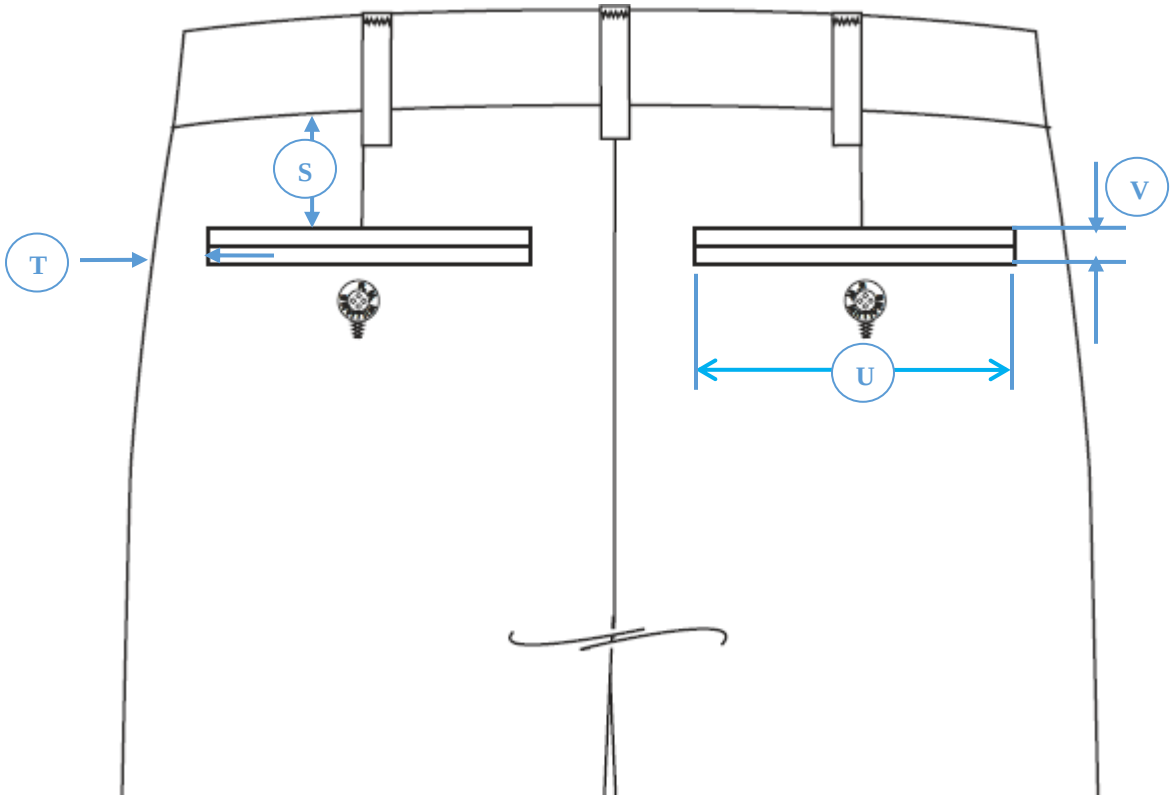
2.16 Measurement R = Coin pocket positioning from the front pocket edge.

2.16.1 Method

- Lay garment flat, face up.
- Smooth out, do not stretch
- Garment must be measured flat on the table.
- Measure from the front pocket opening to the edge of the coin pocket.



2.16 Measurement S, T, U & V = Back pocket positioning and measurements

2.16.2 Method

- Lay the garment flat, face down.
- Smooth out, do not stretch
- Garment must be measured flat on the table
- Back pocket positioning from waist band (S) – measure straight down vertically from the edge of the waistband to the top pocket edge
- Back pocket positioning from the side seam (T) – measure straight across from the side seam edge to the pocket edge.
- Pocket flap (V) – measure along the vertical edge of the pocket flap.
- Back pocket length (U) – measure along the horizontal pocket length from edge to edge.