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PROJET DE NORME CAMEROUNAISE PNC 3011 : 2026 - CT 31

2026

STANDARD METHODS OF GARMENT MEASUREMENT - CODE OF PRACTICE

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Standard methods of garment measurement — Code of practice



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Foreword

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This African Standard was prepared by the ARSO Technical Harmonization Committee Number 7 on Leather and Textile Products (ARSO/THC 07).

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Standard methods of garment measurement — Code of practice

1 Scope

This African Standard defines the various measuring points used to determine the dimensions of various categories of garments.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ARS 1551, *Textiles and textile merchandise — Terms and definitions*

3 Definitions

For the purposes of this standard, the relevant definitions given in ARS 1551 apply.

4 Garment categories

For the purposes of this standard, the garments covered are divided into the following categories:

- Category A** Coats and similar items of outerwear that cover the whole or only the upper part of the body, e.g. overcoats, jackets, raincoats, blazers, uniform tunics.
- Category B** Trousers and similar garments that cover only the lower part of the body, e.g. shorts, slacks, long underpants and tracksuit pants.
- Category C** Sleeveless tailored garments of the waistcoat type that cover only the upper part of the body.
- Category D** Shirts and similar items of outerwear for men, women and children that cover only the upper part of the body.
- Category E** Dresses, gowns and similar items of outerwear for women and girls that cover the whole body.
- Category F** Skirts and similar items of outerwear/underwear for women and girls that cover only the lower part of the body, e.g. half slips.
- Category G** Knitted items of outerwear that cover only the upper part of the body, e.g. cardigans, pullovers, jerseys, jumpers and sweaters.
- Category H** Vests and similar items of underwear/outerwear that cover only the upper part of the body, e.g. spencers, singlets and T-shirts.
- Category I** Underpants and similar items of underwear that cover only the lower part of the body, e.g. briefs and panties.
- Category J** Brassieres and similar items of underwear that cover only the upper part of the body, e.g. camisoles.
- Category K** One-piece coveralls and similar items of outerwear that cover the whole of the body, e.g. flight suits.
- Category L** Ties and similar items of neckwear, e.g. bow ties.
- Category M** Gloves.
- Category N** Aprons.
- Category O** Socks and similar items of hosiery, e.g. pantihose and knee-highs.

Category P Headgear, e.g. baseball caps, beanie caps and flight caps.

5 Procedure

5.1 General

When appropriate, so lay the garment out (with buttons fastened and slide fasteners closed, unless otherwise stated) on a smooth flat surface that it is free from folds, wrinkles and creases and, using a tape measure graduated in centimetres and millimetres, measure the appropriate dimensions in accordance with categories A to P.

5.2 Category A: Overcoats, raincoats, blazers and uniform tunics

Coats and similar items of outerwear that cover the whole or only the upper part of the body, e.g. overcoats, jackets, raincoats, blazers and uniform tunics.



Figure 1

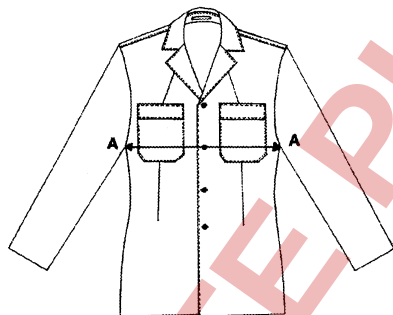


Figure 2

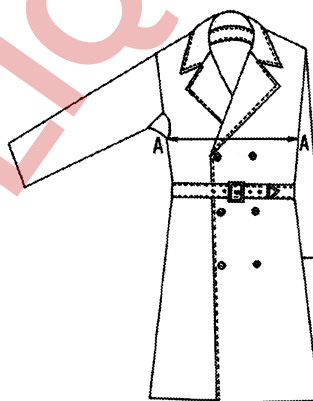


Figure 3

Measuring point		Description
A-A	Bust/chest circumference see figures 1 and 2	Measure across the width of the garment at the base of the scye, with the garment spread completely flat and multiply by two.
A-A	Bust/chest circumference (with gusset) see figure 3	Measure across the width of the garment at the base of the scye, below the gusset insert, with the garment spread completely flat and multiply by two.

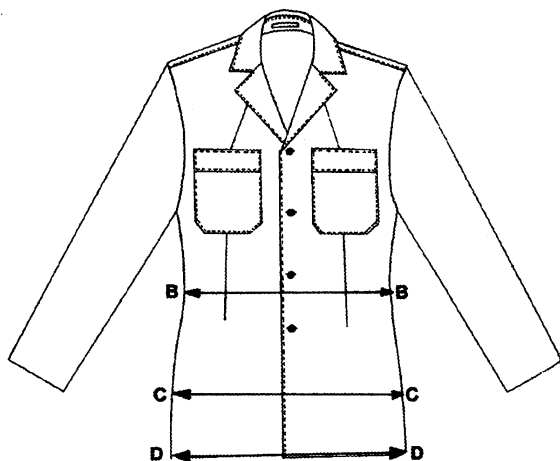


Figure 4

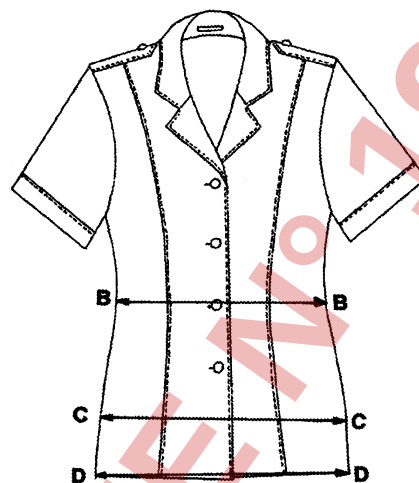


Figure 5

Measuring point		Description						
B-B	Waist circumference see figures 4 and 5	Measure across the width of the garment, at a point below the centre back neck point (determined by using the table in accordance with the appropriate figure type and height) and multiply by two.						
		Men			Women		Children	
		RS	RR	RL	RS	RR	RL	At waist level
		43cm	45 cm	47 cm	38cm	40cm	42cm	
C-C	Hip/seat circumference see figures 4 and 5	Measure across the width of the garment, at a point below the waist (determined by using the table in accordance with the appropriate figure type and height) and multiply by two.						
		Men			Women		Children	
		RS	RR	RL	RS	RR	RL	At hip/seat level
		18cm	20cm	22cm	18cm	20 cm	22 cm	
D-D	Bottom hem circumference see Figures 4 and 5	Measure across the width at the bottom hem of the garment and multiply by two.						

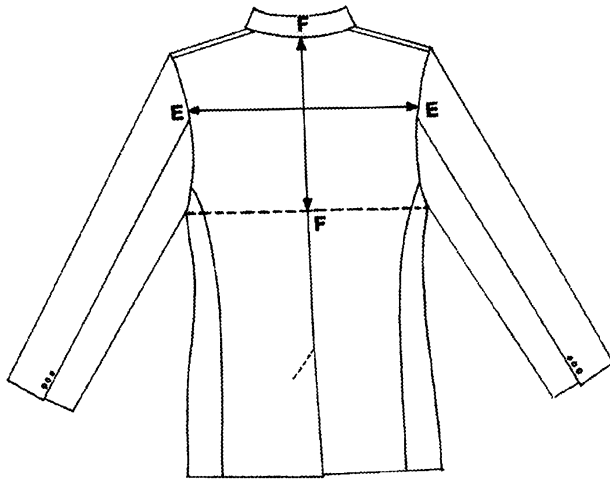


Figure 6

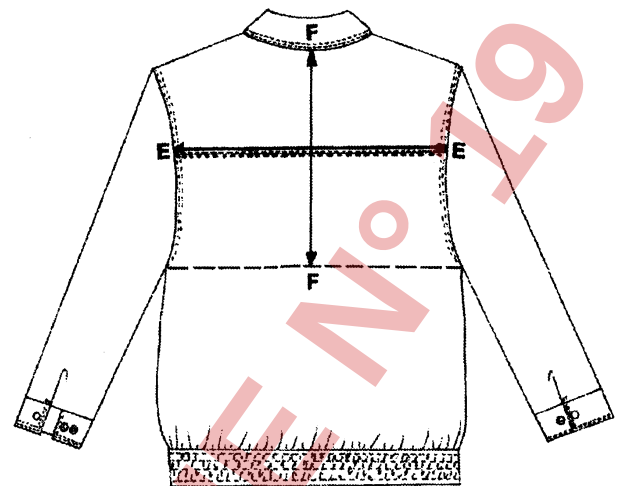


Figure 7

Measuring point		Description
E-E	Back width (plain back) see Figure 6	Measure across the width of the back, at the midpoint of the scye, from sleeve seam to sleeve seam.
E-E	Back width (back with yoke) see Figure 7	Measure across the width of the back, at the yoke-to-back panel seam, from sleeve seam to sleeve seam.
F-F	Depth of scye see Figures 6 and 7	Measure the depth from the centre back neck seam to the level of the base of the scye.

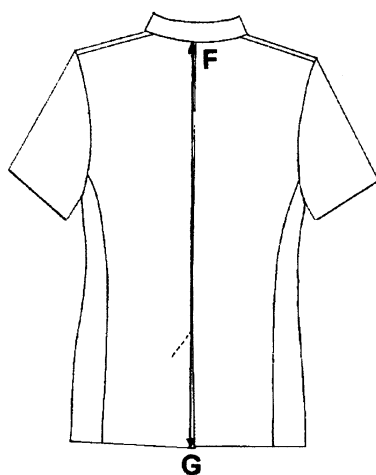


Figure 8

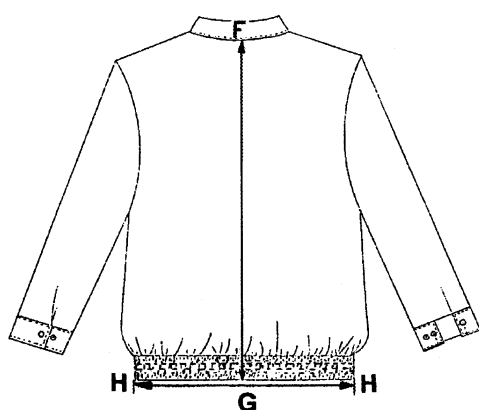


Figure 9

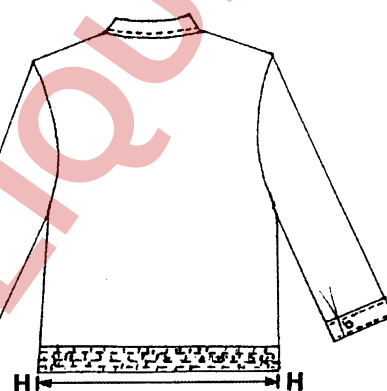


Figure 10

Measuring point	Description
F-G	Back length (plain hem) see Figure 8
F-G	Back length (with waistband) see figure 9
H-H	Waistband circumference (relaxed) see Figure 9
H-H	Waistband circumference (extended) see Figure 10

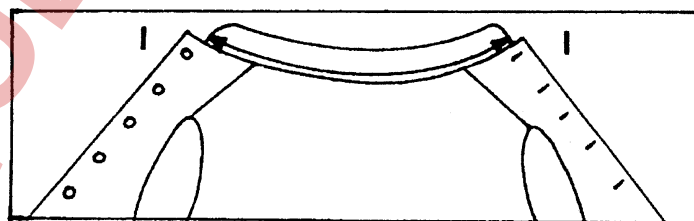


Figure 11

Measuring point	Description
I-I	Neck length see Figure 11

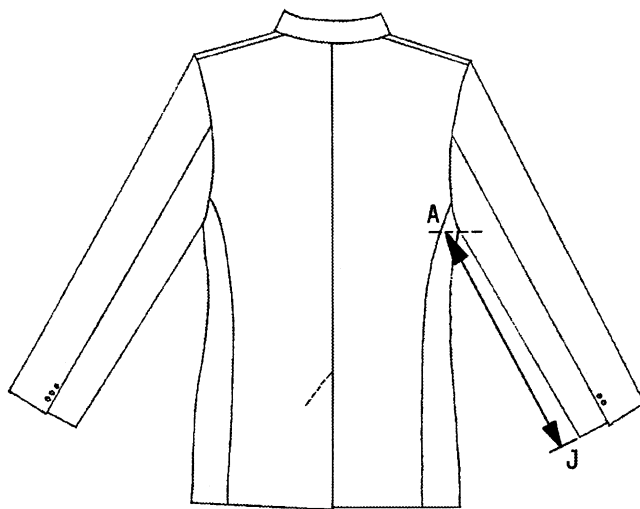


Figure 12

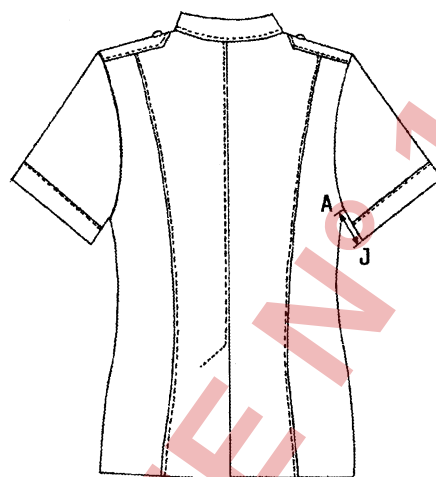


Figure 13

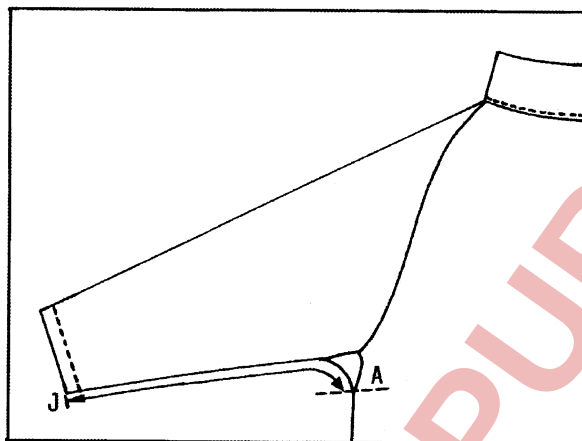


Figure 14

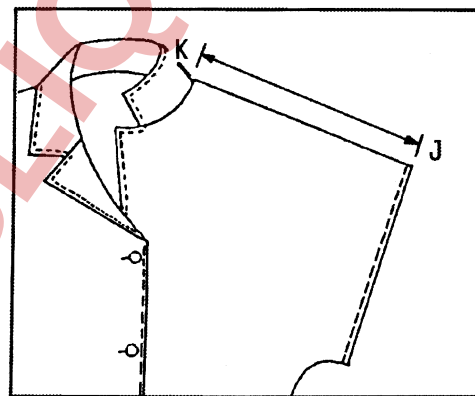


Figure 15

Sleeves		
	Measuring point	Description
A - J	Sleeve length see Figures 12 and 13	Measure from the base of the scye along the underarm seam to the bottom edge of the sleeve/cuff.
A - J	Sleeve length (sleeve with gusset) see Figure 14	Measure from the bottom edge of the gusset, along the underarm seam to the bottom edge of the sleeve/cuff.
J - K	Sleeve length (cut-on) see Figure 15	Measure from the neck point to the bottom edge of the sleeve/cuff.

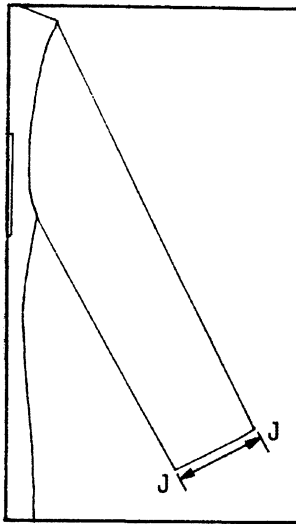


Figure 16

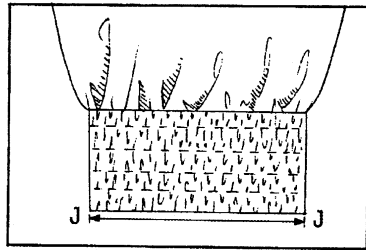


Figure 17

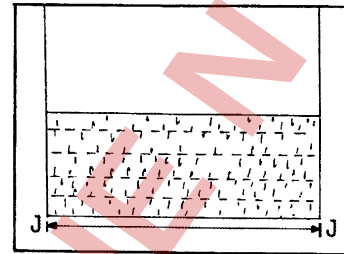


Figure 18

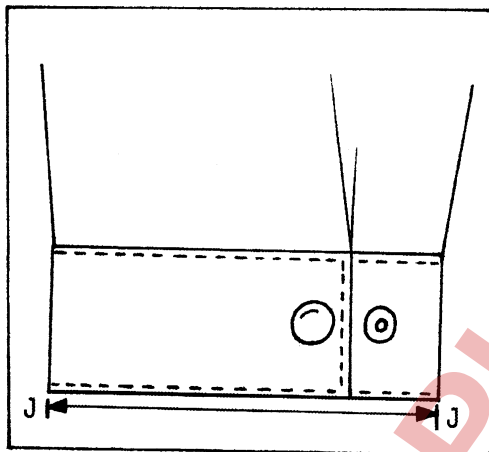


Figure 19

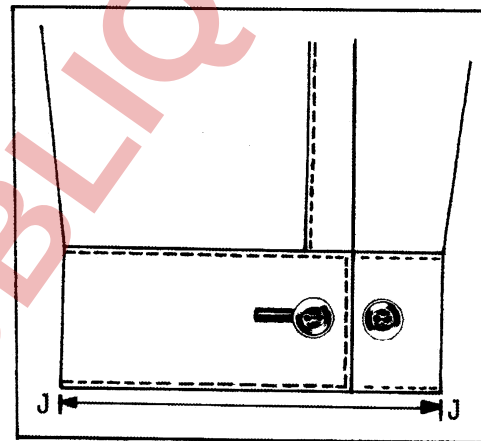


Figure 20

Cuffs		
Measuring point		Description
J-J	Cuff circumference (plain or elasticized cuff, relaxed) see Figures 16 and 17	Measure across the width at the bottom edge of the cuff and multiply by two.
J-J	Cuff circumference (elasticized cuff, extended) see Figure 18	Measure across the width at the bottom edge of the cuff, with the cuff fully extended, and multiply by two.
J-J	Cuff circumference (separate cuff with press studs) see Figure 19	Measure across the width at the bottom edge of the cuff, with the cuff fastened (to first press stud) and multiply by two.
J-J	Cuff circumference (separate cuff with buttons) see Figure 20	Measure across the width at the bottom edge of the cuff, with the cuff fastened (to first button) and multiply by two.

5.3 Category B: Shorts, slacks, long underpants and tracksuit pants

Trousers and similar garments that cover only the lower part of the body, e.g. shorts, slacks, long underpants and tracksuit pants.

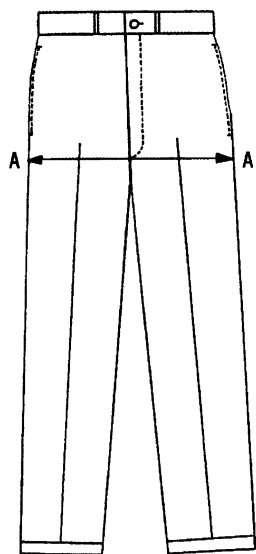


Figure 1

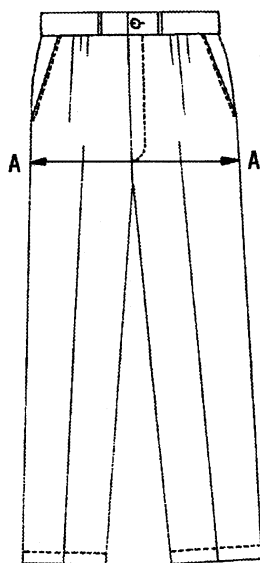


Figure 2

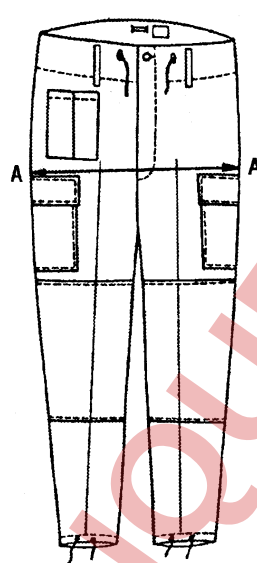


Figure 3

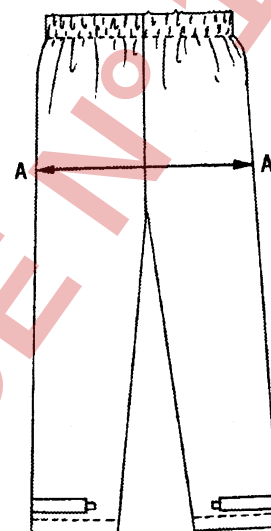


Figure 4

Measuring point		Description
A-A	Seat/hip circumference (plain fronts, with fly opening) see Figures 1 and 3	Measure across the width of the garment at seat/hip level (widest point) and multiply by two.
A-A	Seat/hip circumference (pleated fronts, with fly opening) see Figure 2	Measure across the width of the garment at seat/hip level (widest point) with open pleats, and multiply by two.
A-A	Seat/hip circumference (elasticized waistband, without fly opening) see Figure 4	Measure across the width of the garment at seat/hip level (widest point) and multiply by two.

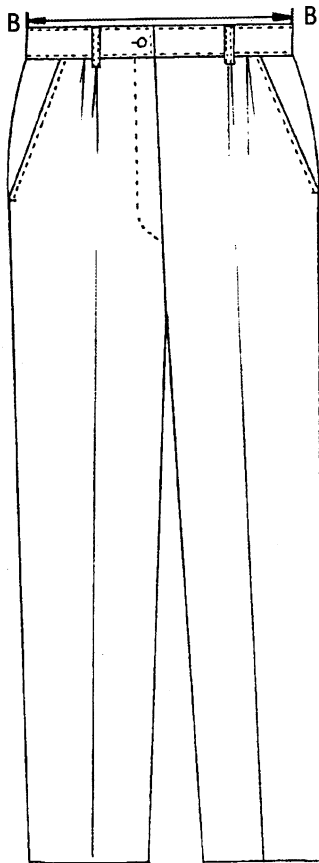


Figure 5



Figure 6

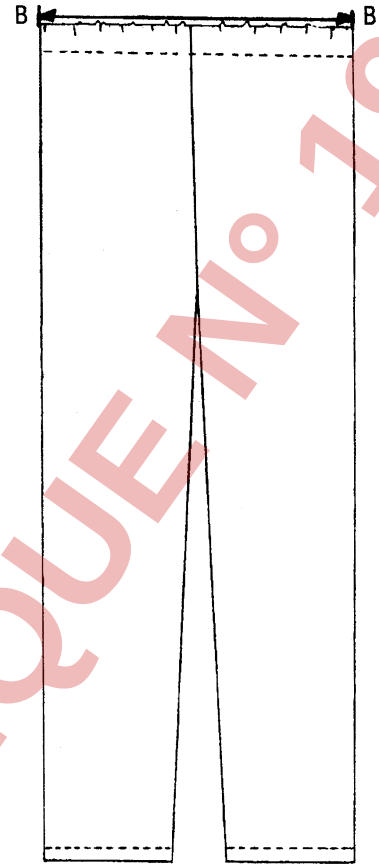


Figure 7

Measuring point		Description
B-B	Waist circumference (plain or elasticized, relaxed) see Figures 5 and 6	Measure across the top edge of the waistband (front and back top edges aligned) and multiply by two.
B-B	Waist circumference (elasticized, extended) see Figure 7	Measure across the top edge of the waistband (front and back top edges aligned), with the waistband fully extended, and multiply by two.

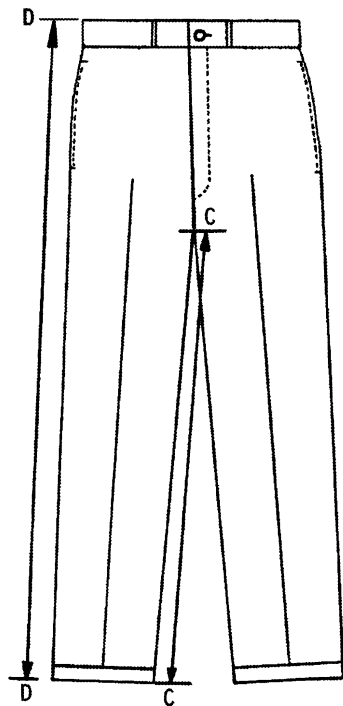


Figure 8

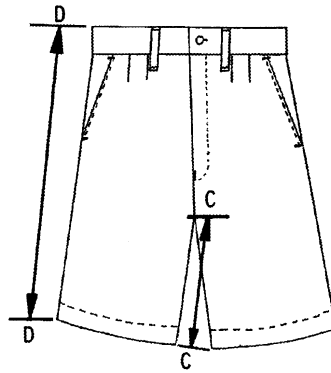


Figure 9

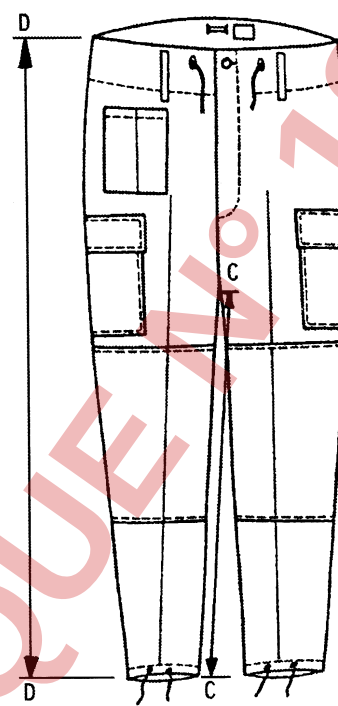


Figure 10

Measuring point		Description
C-C	Inside leg length see Figures 8, 9 and 10	Measure from the crotch seam to the bottom edge of the garment.
D-D	Outside leg length see Figures 8, 9 and 10	Measure from the top edge of the waistband to the bottom edge of the garment.

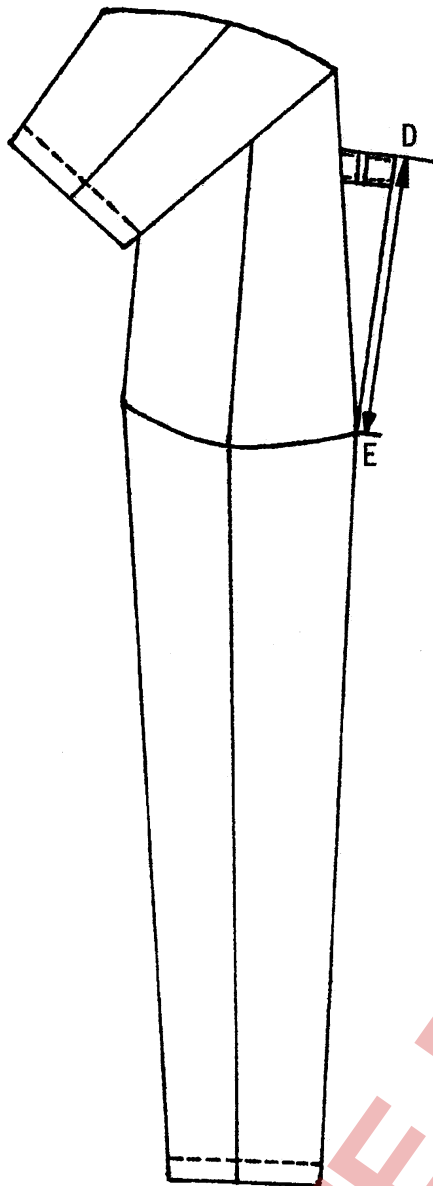


Figure 11

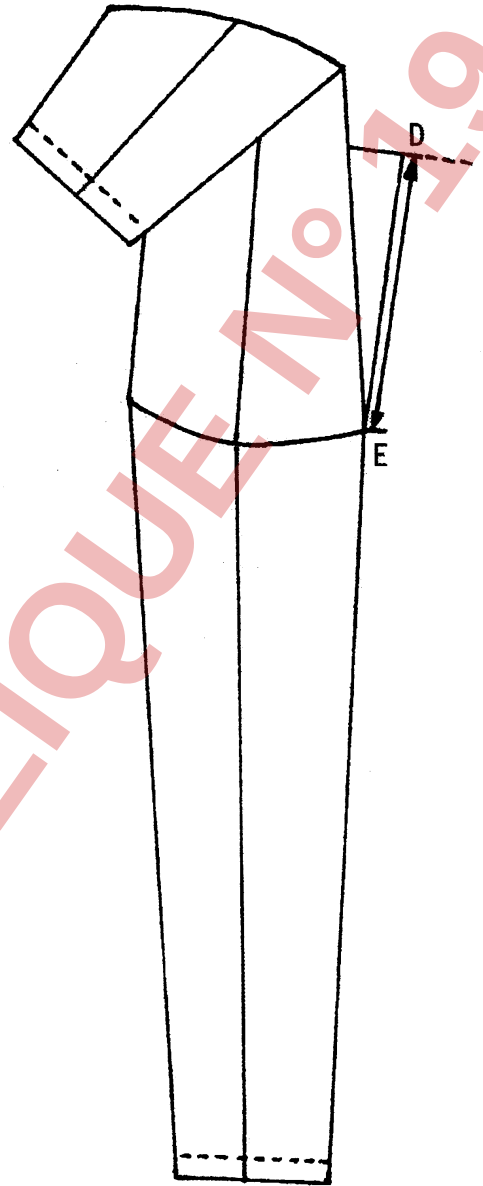


Figure 12

Measuring point		Description
D - E	Rise see Figures 11 and 12	Measure the length, determined by subtracting the inside leg length from the outside leg length.

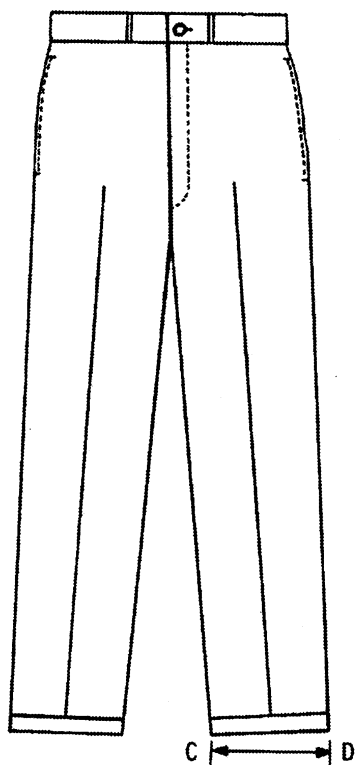


Figure 13



Figure 14

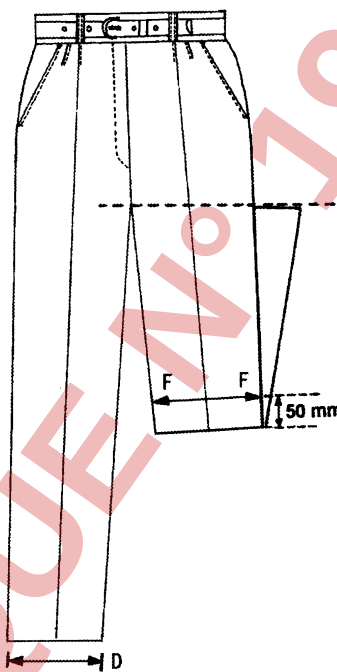


Figure 15

Measuring point		Description
C-D	Bottom hem circumference (turn-ups or plain hem) see Figures 13 and 15	Measure across the width, at the bottom edge of the leg/turn-up and multiply by two.
C-D	Bottom hem circumference (with adjustment straps) see Figure 14	Measure across the width, at the bottom edge of the leg with the adjustment straps unfastened and multiply by two.
F-F	Knee circumference see Figure 15	Measure across the width, 50 mm above the position determined by folding the bottom edge of the leg to the crotch line, and multiply by two.

5.4 Category C: Waistcoats

Sleeveless tailored garments of the waistcoat type that cover only the upper part of the body.

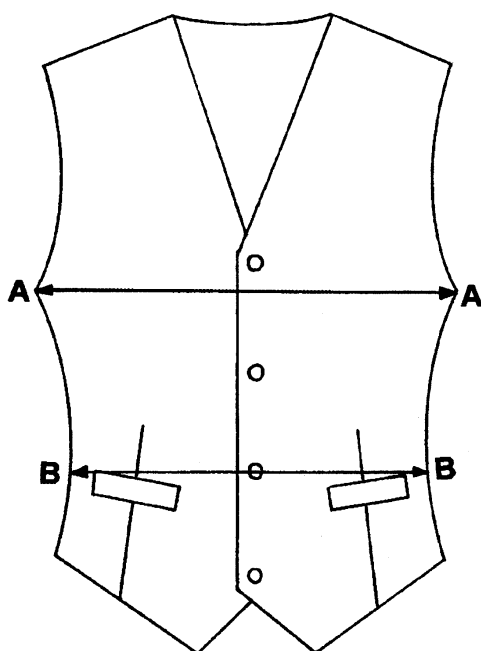


Figure 1

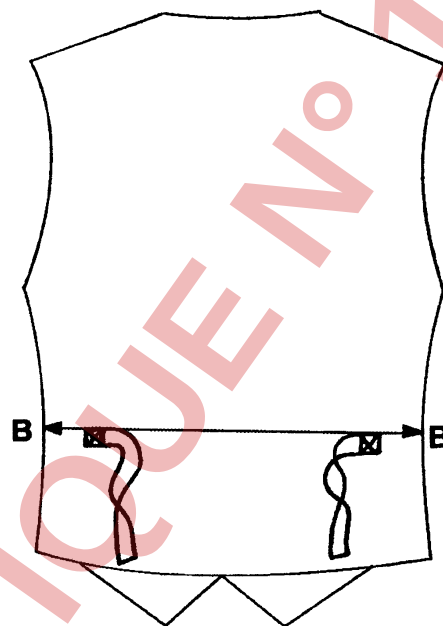


Figure 2

Measuring point		Description					
A-A	Bust/chest circumference see Figure 1	Measure across the width of the garment at the base of the scye, with the garment spread completely flat, and multiply by two.					
B-B	Waist circumference (plain back) see Figure 1	Measure across the width of the garment, at a point below the centre back neck point (determined by using the table in accordance with the appropriate figure type and height) and multiply by two.					
		Men			Women		
		RS	RR	RL	RS	RR	RL
		43 cm	45 cm	47 cm	38 cm	40 cm	42 cm
B-B	Waist circumference (with waist straps) see Figure 2	Measure across the width of the garment, with the waist straps loose, at a point below the centre back neck point (determined by using the table in accordance with the appropriate figure type and height) and multiply by two.					
		Men			Women		
		RS	RR	RL	RS	RR	RL
		43cm	45 cm	47 cm	38 cm	40 cm	42 cm

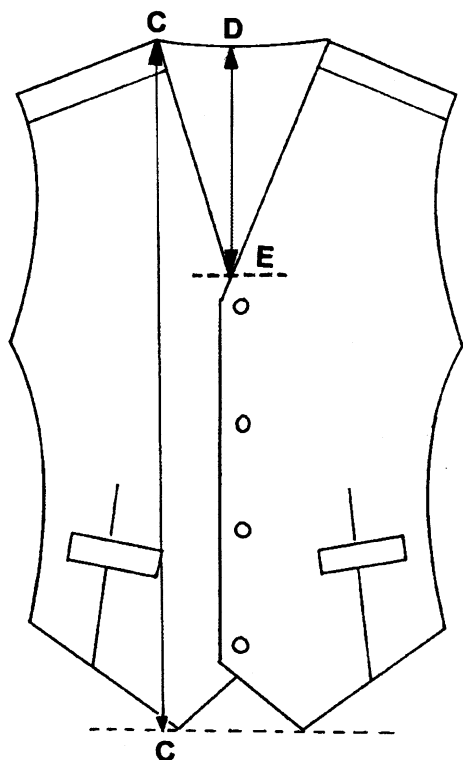


Figure 3

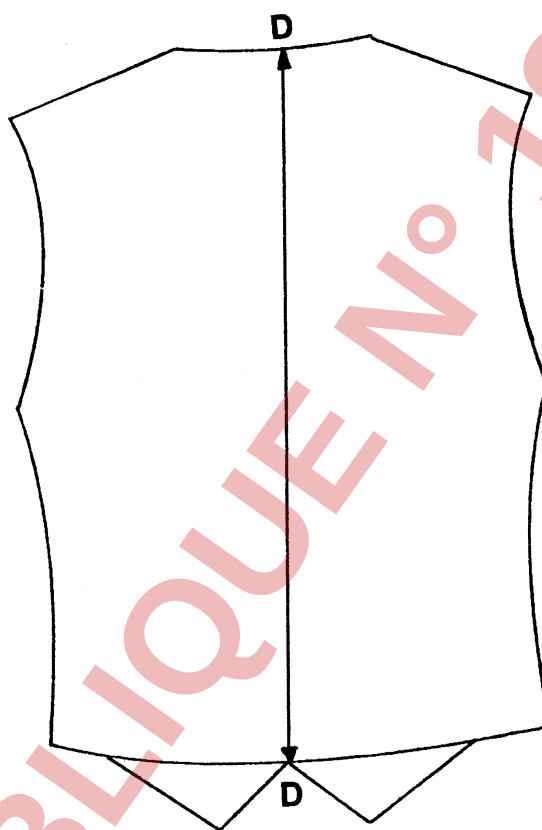


Figure 4

Measuring point		Description
C-C	Front length see Figure 3	Measure the length in a straight line from the neck point (on the natural shoulder line) down to the bottom point/edge of the garment.
D-D	Back length see Figure 4	Measure the length from the centre back neck point to the bottom edge of the garment.
D-E	Neck drop see Figure 3	Measure the length from the centre back neck point to the point of overlap (bottom of "V").

5.5 Category D: Shirts and blouses

Shirts and similar items of outerwear for men, women and children that cover only the upper part of the body.

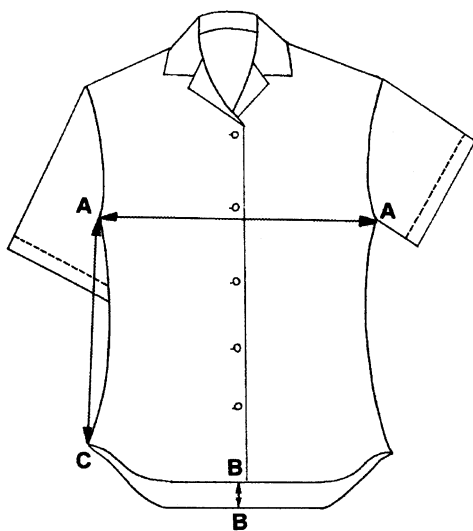


Figure 1

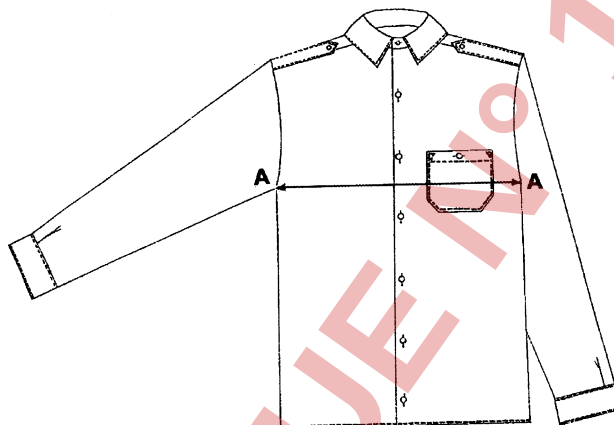


Figure 2

Measuring point		Description
A-A	Bust/chest circumference see Figures 1 and 2	Measure across the width of the garment at the base of the scye, with the garment spread completely flat, and multiply by two.
B-B	Front tails (shaped bottom hems) see figure 1	Measure at the centre front the difference between the front panel and back panel.
A-C	Length of side seam see Figure 1	Measure along the side seam from the base of the scye to the outer edge of the bottom hem.

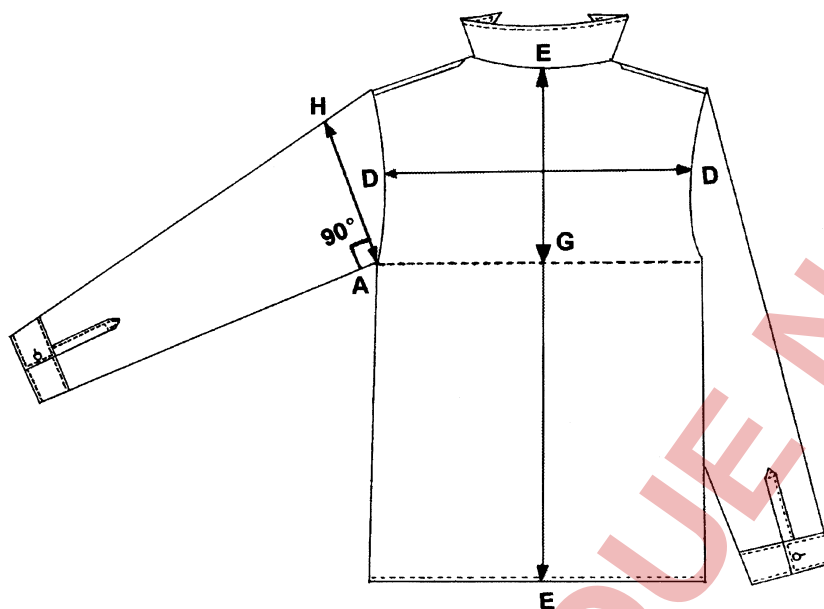


Figure 3

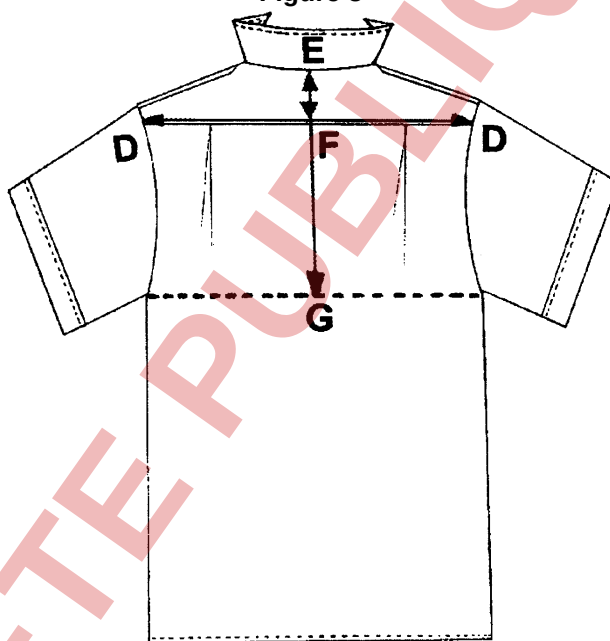


Figure 4

Measuring point		Description
D-D	Back width (plain back) see Figure 3	Measure across the width of the back at the midpoint of the scye, from sleeve seam to sleeve seam.
D-D	Back width (back with yoke) see Figure 4	Measure across the width of the back at the yoke-to-back panel seam, from sleeve seam to sleeve seam.
E-E	Back length see figure 3	Measure from the centre back neck seam to the bottom edge of the hem.
E-F	Depth of yoke see figure 4	Measure from the centre back neck seam to the yoke-to-back panel seam.
E-G	Depth of scye see Figures 3 and 4	Measure from the centre back neck seam to the level of the base of the scye.
A-H	Biceps circumference see Figure 3	Measure across the widest point of the sleeve, at a 90° angle from the base of the scye, and multiply by two.

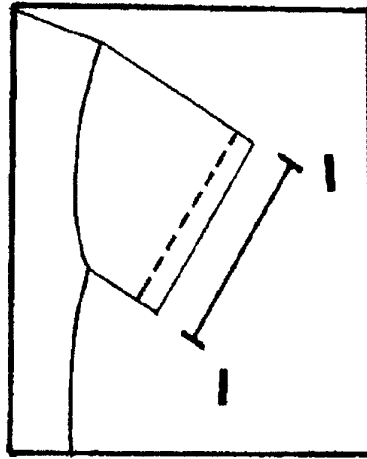


Figure 5

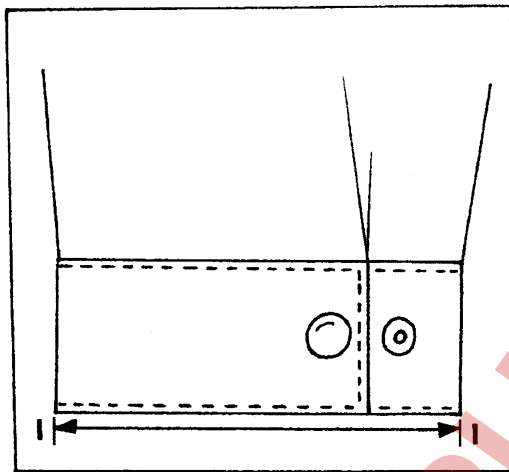


Figure 6

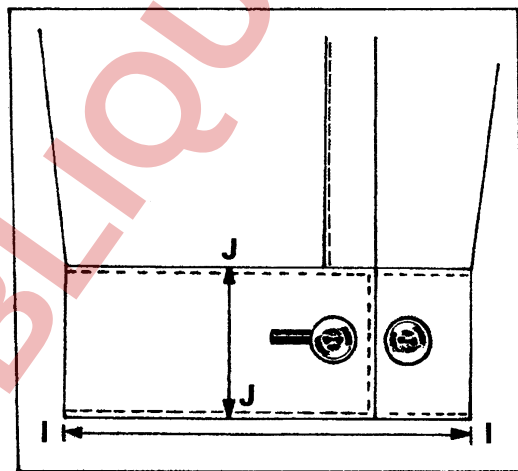


Figure 7

Cuffs		
Measuring point		Description
I-I	Cuff circumference (plain cuff) see Figure 5	Measure across the width at the bottom edge of the sleeve and multiply by two.
I-I	Cuff circumference (separate cuff with press studs) see Figure 6	Measure across the width at the bottom edge of the cuff, with the cuff fastened (to first press stud) and multiply by two.
I-I	Cuff circumference (separate cuff with buttons) see Figure 7	Measure across the width at the bottom edge of the cuff, with the cuff fastened (to first button) and multiply by two.
J-J	Cuff width see Figure 7	Measure from the bottom edge of the cuff to the sleeve-to-cuff seam.

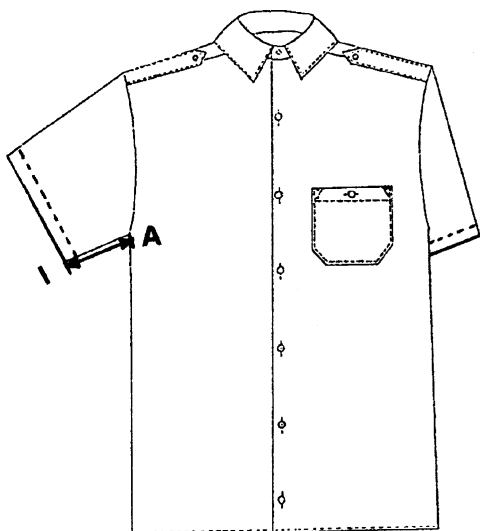


Figure 8

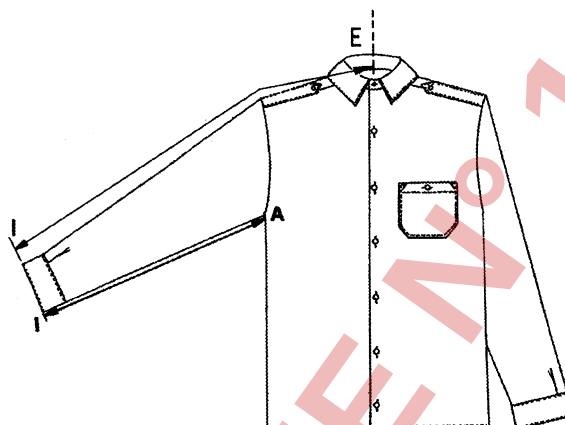


Figure 9

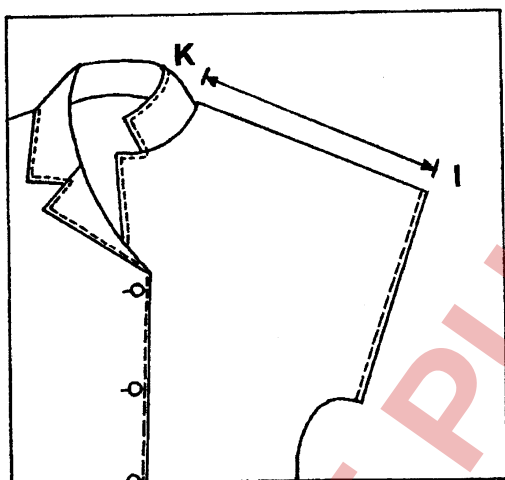


Figure 10

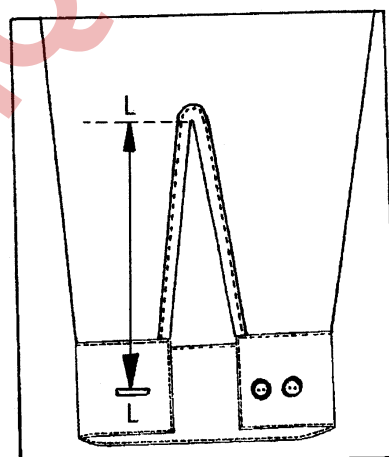


Figure 11

Sleeves		
Measuring point		Description
A-I	Sleeve length (underarm, set in) see Figures 8 and 9	Measure from the base of the scye along the underarm seam to the bottom edge of the sleeve/cuff.
E-I	Sleeve length (overarm, set in) see Figure 9	Measure from the centre back, over the shoulder to the bottom edge of the sleeve/cuff.
K-I	Sleeve length (cut on) see Figure 10	Measure from the neck to the bottom edge of the sleeve/cuff.
L-L	Length of sleeve opening see Figure 11	Measure from the top of the opening to the centre of the buttonhole.

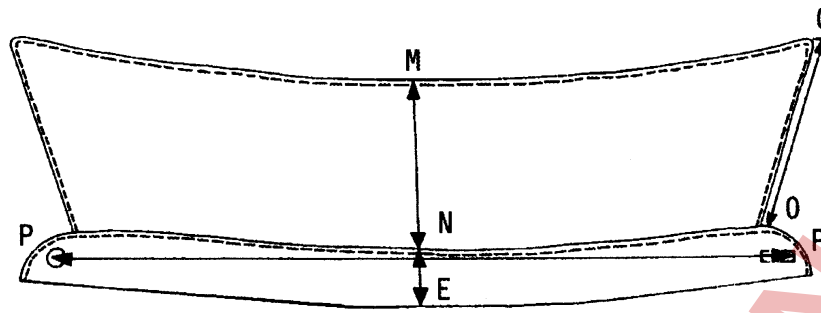


Figure 12

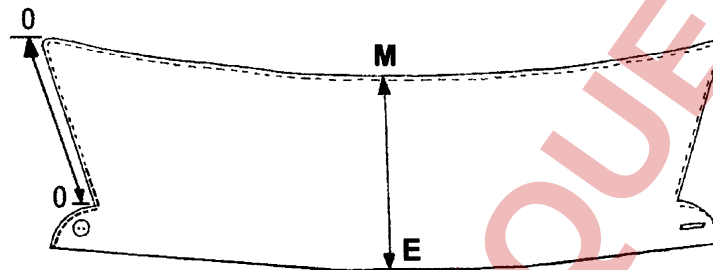


Figure 13

Collar with stand		
Measuring point		Description
M-N	Collar width see Figure 12	Measure at the centre back, from the top edge of the collar to the collar-to-stand seam.
U-E	Collar stand width see Figure 12	Measure at the centre back, from the collar-to-stand seam to the stand-to-back seam.
O-O	Collar points see Figure 12 and 13	Measure along the front edge, the length from the end of the point to the stand.
P-P	Collar length see Figure 12	Measure from the centre of the button to the outer edge of the buttonhole.

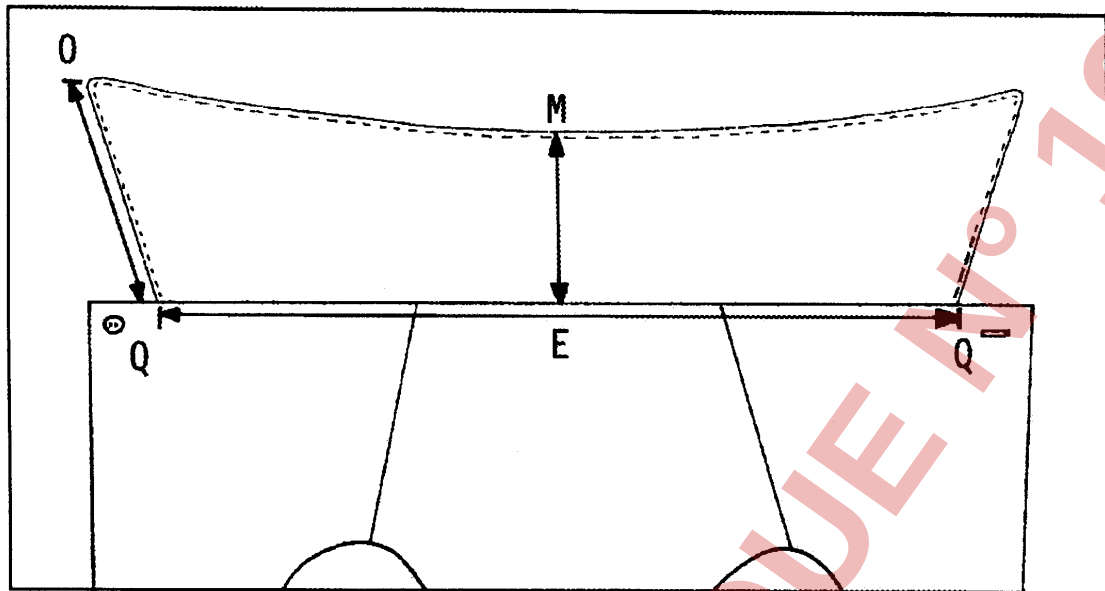


Figure 14

Collar without stand/separate stand		
Measuring point		Description
E-M	Collar width see figures 13 and 14	Measure, at the centre back, from the collar-to-back seam to the top edge of the collar.
O-Q	Collar points see figure 14	Measure, along the front edge, the length from the end of the point to the collar-to-body seam.
Q-Q	Collar length see figure 14	Measure the full length of the collar along the gorge seam.

5.6 Category E: Dresses and gowns

Dresses, gowns and similar items of outerwear for women and girls that cover the whole of the body.

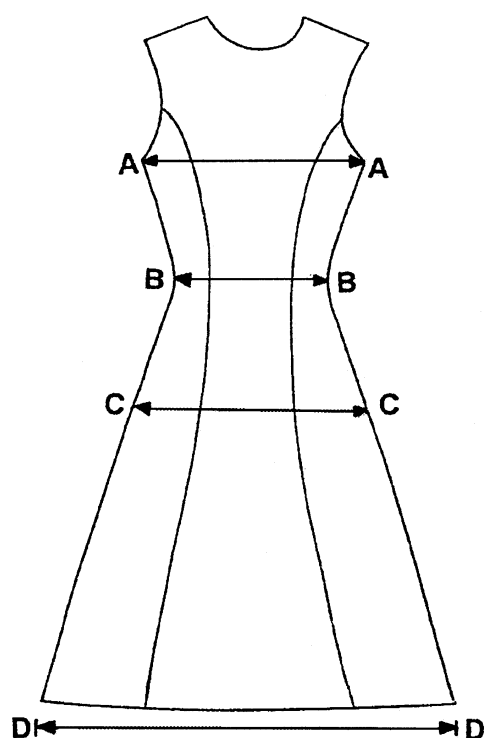


Figure 1

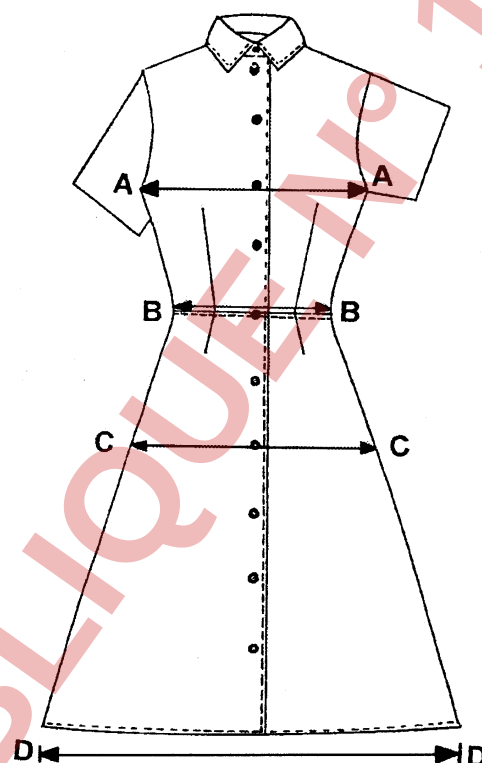


Figure 2

Measuring point		Description			
A-A	Bust circumference see figures 1 and 2	Measure across the width of the garment at the base of the scye, with the garment spread completely flat, and multiply by two.			
B-B	Waist circumference see figures 1 and 2	Measure across the width of the garment at the narrowest point of the body of the garment, at waist level and multiply by two.			
C-C	Hip circumference see figures 1 and 2	Measure across the width of the garment at a point below the waistline (determined by using the table in accordance with the appropriate figure type and height) and multiply by two.			
		RS	RR	RL	Girls
		18cm	20cm	22 cm	At hip level
D-D	Bottom circumference see figures 1 and 2	hem see	Measure across the width at the bottom hem of the garment and multiply by two.		

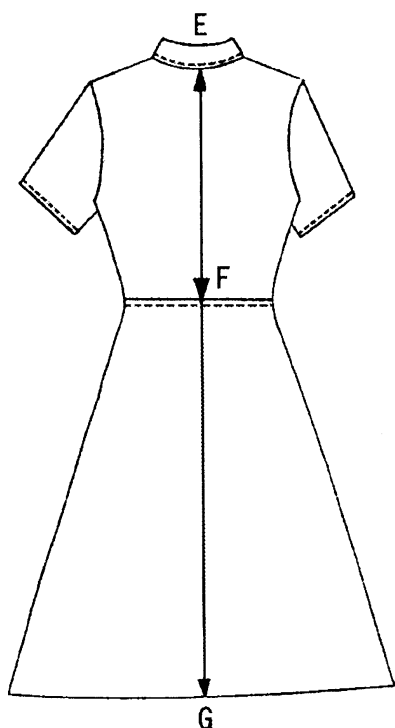


Figure 3

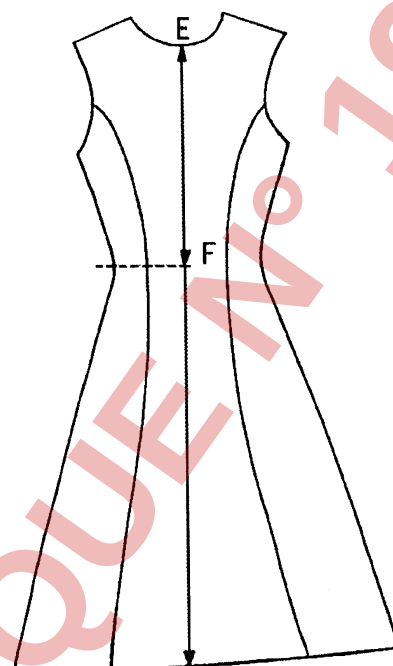


Figure 4

Measuring point		Description
E-F	Waist length (dress with collar) see Figure 3	Measure at the centre back from the collar-to-body seam to the waist seam/narrowest section of the body of the garment.
E-F	Waist length (dress with cut-away neck) see Figure 4	Measure from the centre back neck point to the waist seam/narrowest section of the body of the garment.
E-G	Back length (dress with collar) see Figure 3	Measure at the centre back from the collar-to-body seam to the bottom edge of the hem.
E-G	Back length (dress with cut-away neck) see Figure 4	Measure from the centre back neck point to the bottom edge of the hem.

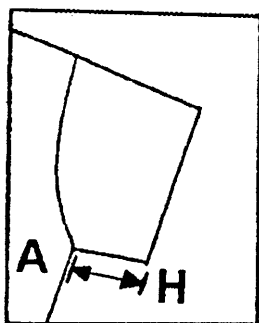


Figure 5

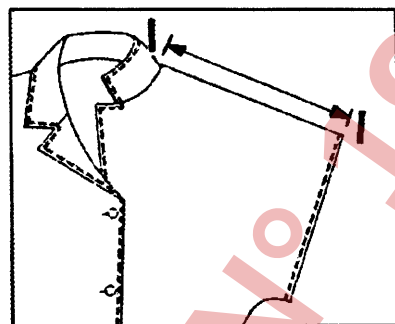


Figure 6

Sleeves		
Measuring point		Description
A-H	Sleeve length (set in) see Figure 5	Measure from the base of the scye along the underarm seam to the bottom edge of the sleeve/cuff.
I-I	Sleeve length (cut on) see Figure 6	Measure from the neck point to the bottom edge of the sleeve/cuff.

5.7 Category F: Skirts and similar items of outerwear/underwear

Skirts and similar items of outerwear/underwear for women and girls that cover only the lower part of the body, e.g. half slips.

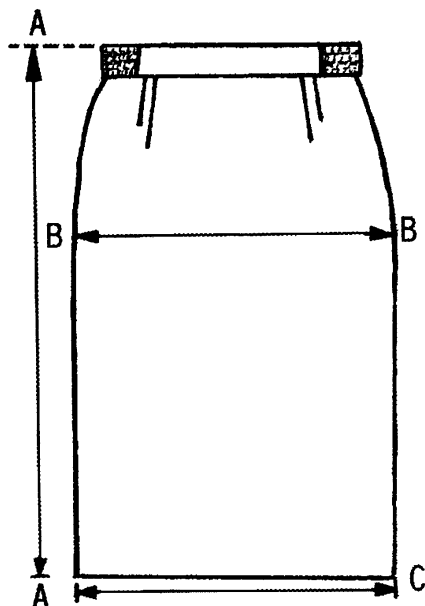


Figure 1

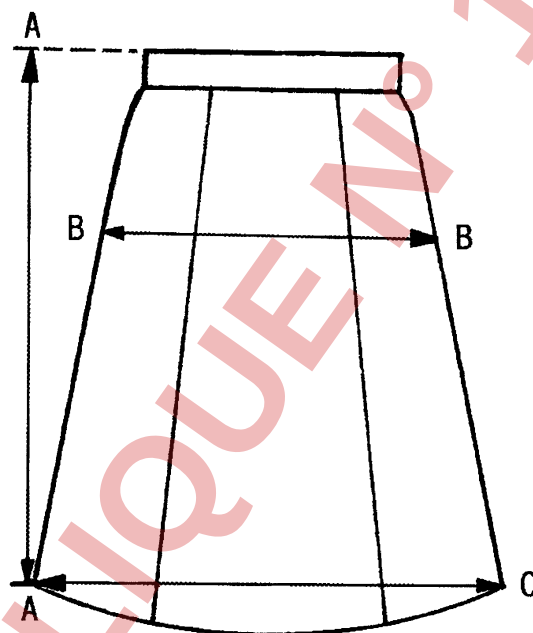


Figure 2

Measuring point		Description			
A-A	Length see figure 1	Measure from the top edge of waistband to the outer edge of the garment.			
B-B	Hip circumference see Figures 1 and 2	Measure across the width of the garment, at a point below the waistband-to-body seam (determined by using the table in accordance with the appropriate figure type and height) and multiply by two.			
		RS	RR	RL	Girls
		18cm	20cm	22cm	At hip level
A-C	Bottom hem circumference see Figures 1 and 2	Measure across the width at the bottom hem of the garment and multiply by two.			

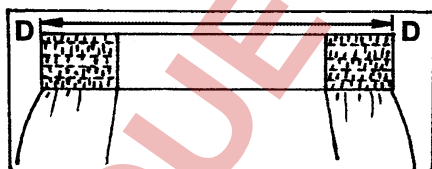


Figure 3

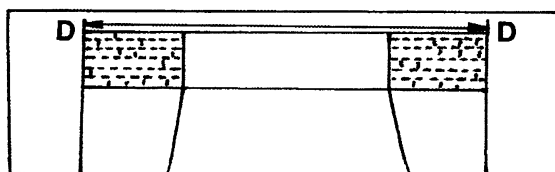


Figure 4

Measuring point		Waistband Description			
D-D	Waistband circumference (plain or elasticized, relaxed) see Figure 3	Measure across the top edge of the waistband and multiply by two.			
D-D	Waistband circumference (elasticized, extended) see Figure 4	Measure across in the top edge of the waistband, with the waistband extended fully, and multiply by two.			

5.8 Category G: Cardigans, pullovers, jerseys, jumpers and sweaters.

Knitted items of outerwear that cover only the upper part of the body, e.g. cardigans, pullovers, jerseys, jumpers and sweaters.

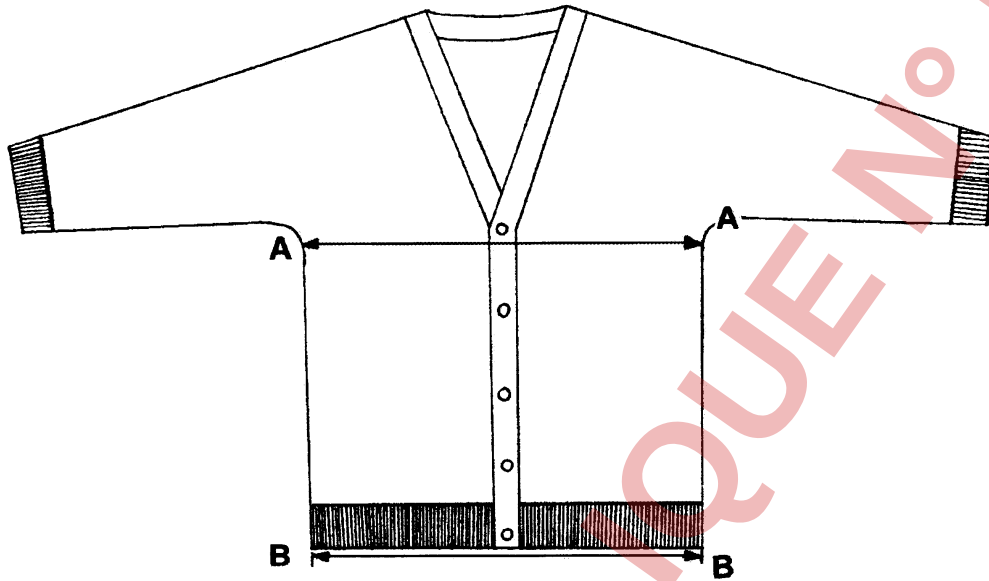


Figure 1

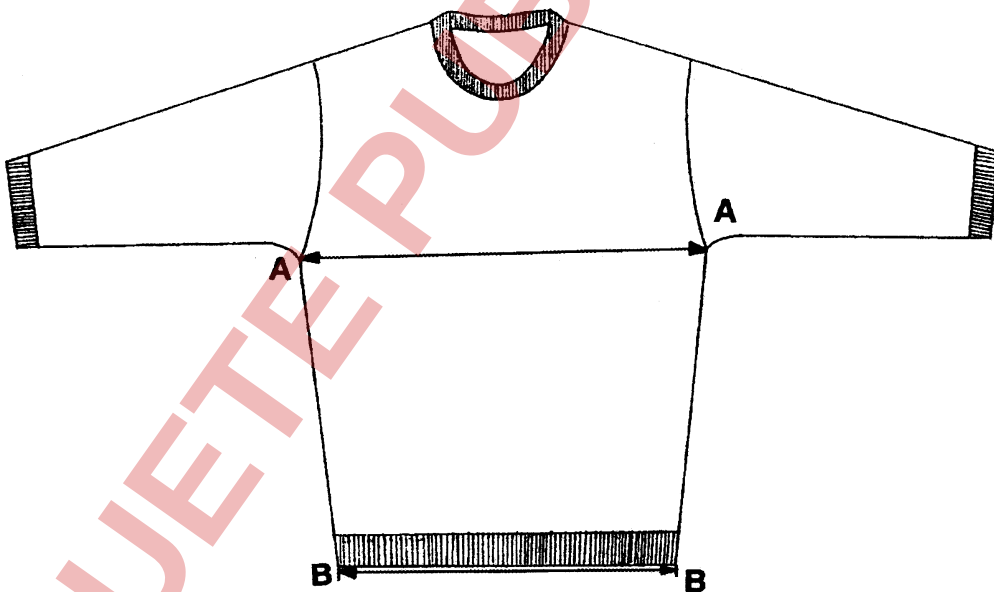


Figure 2

Measuring point		Description
A-A	Chest/bust circumference see Figures 1 and 2	Measure across the width of the garment at the base of the scye, with the garment spread completely flat, and multiply by two.
B-B	Bottom circumference (relaxed) see Figures 1 and 2	Measure across the width at the bottom hem of the garment and multiply by two.

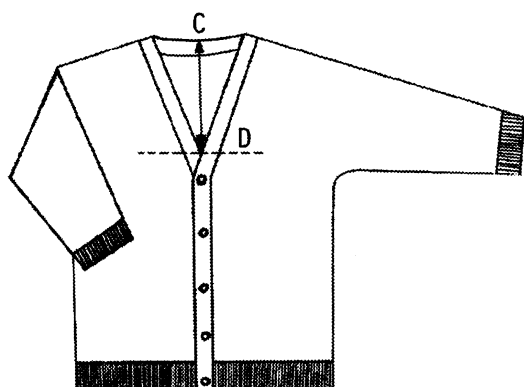


Figure 3

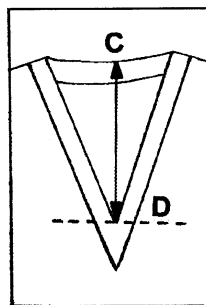


Figure 4

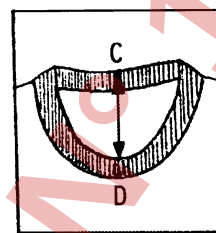


Figure 5

Depth of neck opening/neck drop		
Measuring point	Description	
C-D	Depth of neck opening (front button fastening) see Figure 3	Measure from the top edge at the centre back neck point to the point of overlap (top of "V").
C-D	Depth of neck opening (V-neck) see Figure 4	Measure from the top edge at the centre back neck point to the top edge of "V".
C-D	Depth of neck opening (round neck) see Figure 5	Measure from the top edge at the centre back neck point to the top edge of the rib at centre front.

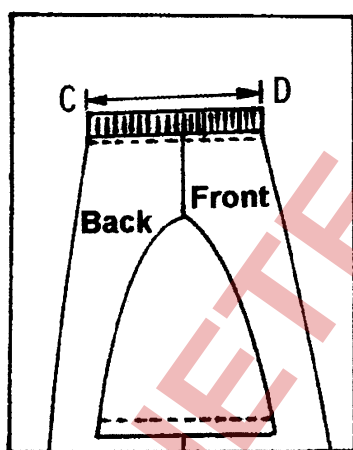


Figure 6

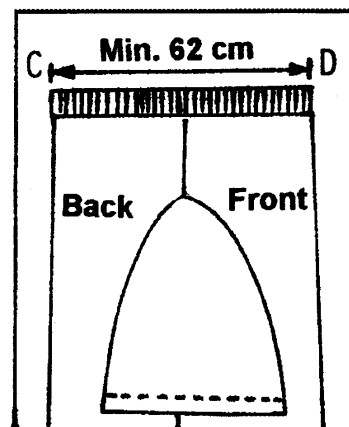
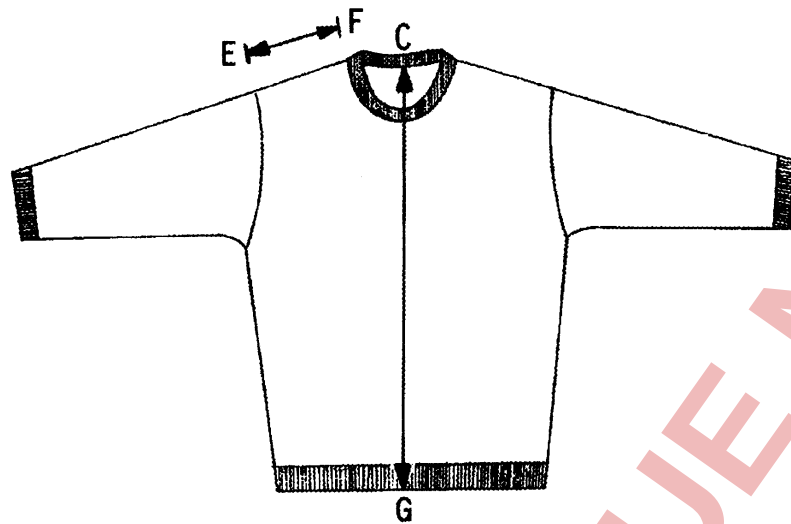


Figure 7

Measuring point	Description	
C-D	Neck circumference (round, relaxed) see Figure 6	Measure across the neck opening by placing the neck points on top of each other, from centre front to centre back and multiply by two.
C-D	Neck circumference (round, extended) see Figure 7	Measure across the neck opening by placing the neck points on top of each other and extending the neck to a minimum of 62 cm, from centre front to centre back and multiply by two.



Measuring point	Description
E-F	Shoulder width see Figure 8 Measure along the shoulder seam (excluding the rib/collar).
C-G	Back length see Figure 8 Measure from the centre back neck seam to the outer edge of the bottom hem.

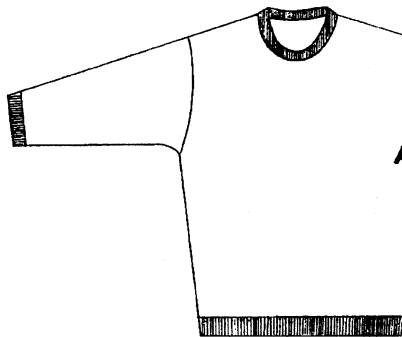


Figure 9

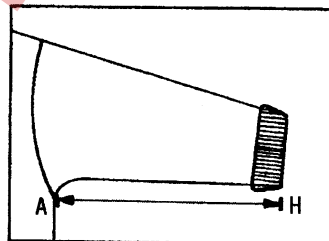


Figure 10

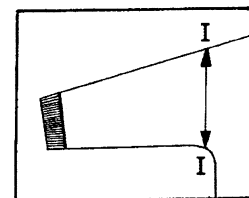


Figure 11

Sleeves and cuffs		
Measuring point	Description	
A-H	Sleeve length (set in sleeves) see Figure 9	Measure along the underarm seam from the base of the scye to the outer edge of the cuff.
A-H	Sleeve length (sleeves with roll cuffs) see Figure 10	Measure along the underarm seam from the base of the scye to the folded edge of the cuff (the cuff roll to be turned over the specified distance before measuring).
I — I	Sleeve width see Figure 11	Measure at the widest section of the sleeve and multiply by two.
H — H	Cuff circumference (relaxed) see Figure 9	Measure across the width, at the bottom edge of the cuff and multiply by two.

5.9 Category H: Vests, T-shirts, spencers and singlets

Vests and similar items of underwear/outerwear that cover only the upper parts of the body, e.g. T-shirts, spencers and singlets.

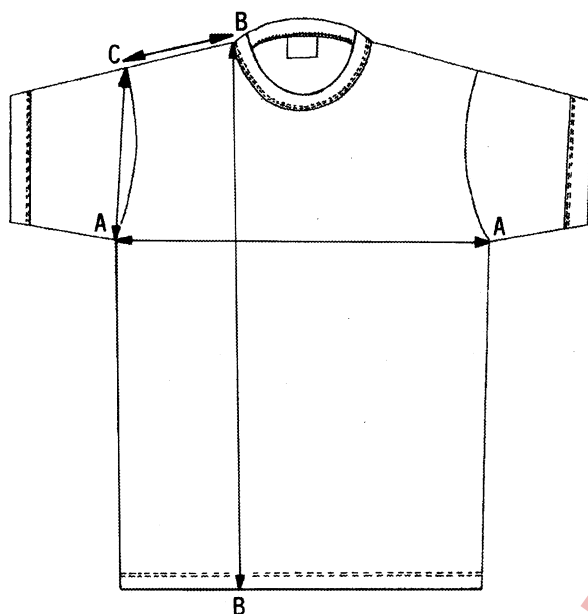


Figure 1

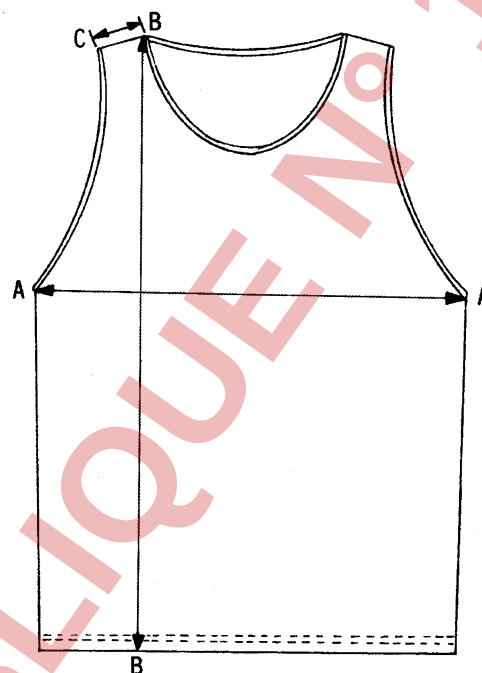


Figure 2

Measuring point		Description
A-A	Chest/bust circumference see Figures 1 and 2	Measure across the width of the garment at the base of the scye, with the garment spread completely flat, and multiply by two.
B-B	Length see Figures 1 and 2	Measure from the neck point to the outer edge of the bottom hem.
A-C	Armhole circumference see Figure 1	Measure from the base of the scye to the shoulder point, in a straight line, and multiply by two.
C-B	Shoulder width (with sleeve) see Figure 1	Measure along the shoulder seam from the rib-to-shoulder seam to the body-to-sleeve seam.
C-B	Shoulder width (sleeveless) see Figure 2	Measure along the shoulder seam (including binding).

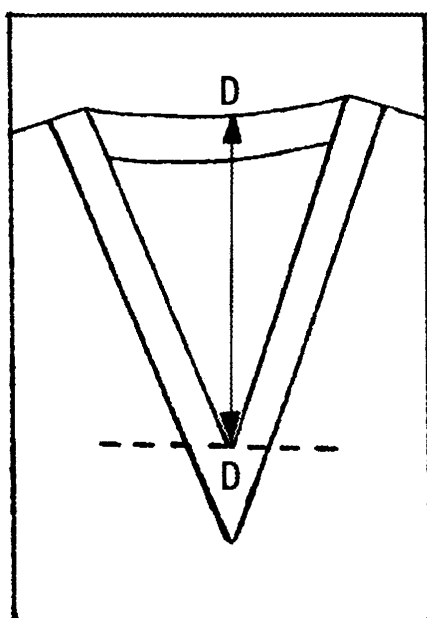


Figure 3

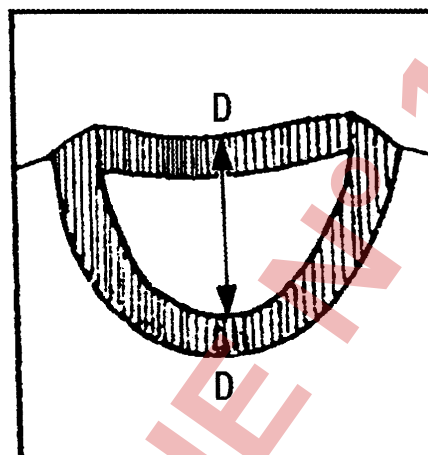


Figure 4

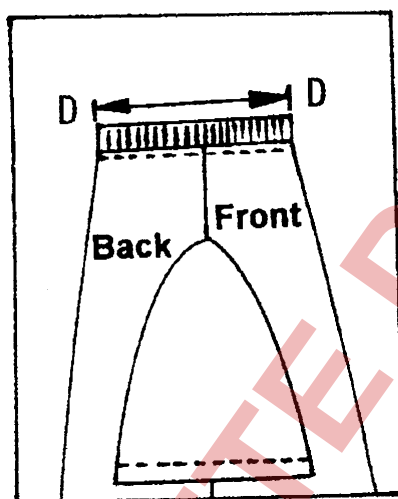


Figure 5

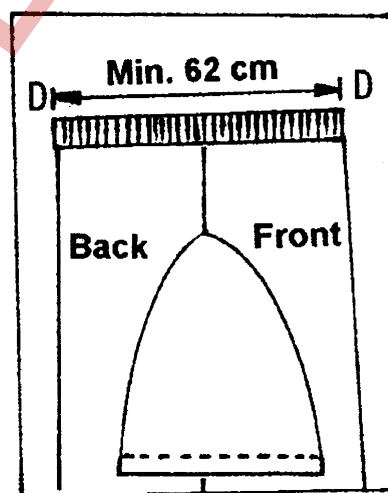


Figure 6

Measuring point		Description
D-D	Depth of neck opening/neck drop (V-neck) see Figure 3	Measure from the top edge at the centre back neck point to the top edge of "V".
D-D	Depth of neck opening/neck drop (round neck) see Figure 4	Measure from the top edge at the centre back neck point to the top edge of the rib at centre front.
D-D	Neck circumference (round neck, relaxed) see Figure 5	Measure across the neck opening by placing the shoulder points on top of each other, from centre front to centre back and multiply by two.
D-D	Neck circumference (round neck, extended) see Figure 6	Measure across the neck opening by placing the neck points on top of each other and extending the neck to a minimum of 62 cm, from centre front to centre back and multiply by two.

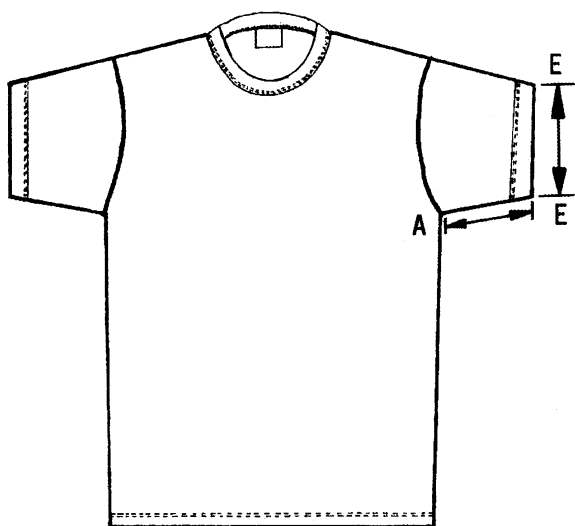


Figure 7

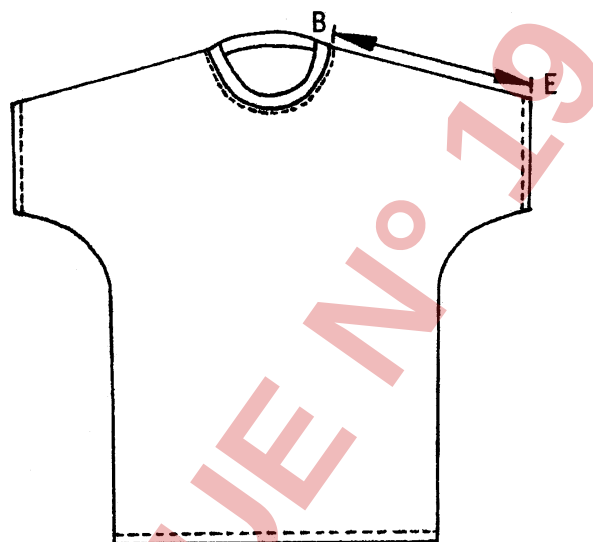


Figure 8

Sleeves and cuffs		
Measuring point	Description	
A-E	Sleeve length see Figure 7	Measure along the underarm seam from the base of the scye to the outer edge of the cuff/binding/rib.
B-E	Sleeve length (cut-on) see Figure 8	Measure from the neck point to the bottom edge of the sleeve/cuff.
E-E	Cuff circumference see Figure 7	Measure across the width, at the bottom edge of the cuff and multiply by two.

5.10 Category I: Underpants, briefs and panties

Underpants and similar items of underwear that cover only the lower part of the body, e.g. briefs and panties.

NOTE Long underpants shall be measured according to category B.

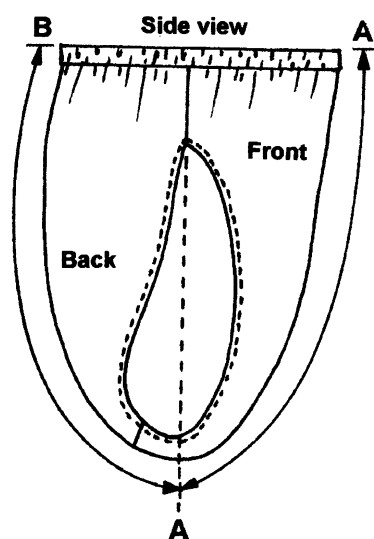


Figure 1

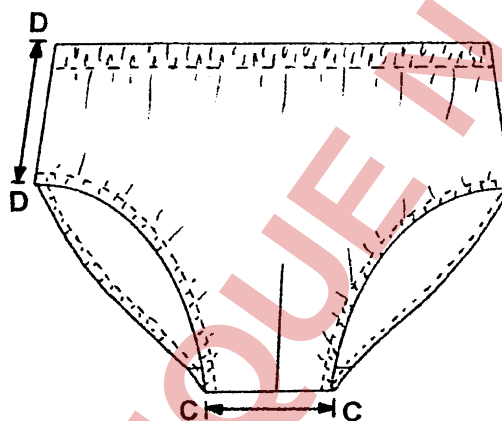


Figure 2

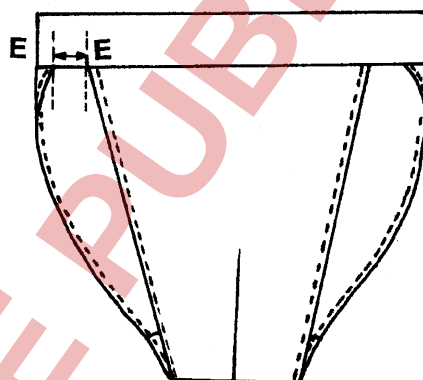


Figure 3

Men's underpants		
Measuring point	Description	
A-A	Front rise see Figure 1	Measure the length, (placing the side seams on top of each other and fold in the centre to a quarter of the width), from the top edge of the garment (centre front), around the fullness to the natural crotch line.
A-B	Back rise see Figure 1	Measure the length, (placing the side seams on top of each other and fold in the centre to a quarter of the width), from the top edge of the garment (centre back), around the fullness to the natural crotch line.
C-C	Gusset width see Figure 2	Measure at the narrowest point at the natural crotch position.
D-D	Side seam see Figure 2	Measure from the top edge of the garment to the top edge of the leg opening.
E-E	Side width (tanga) see Figure 3	Measure the distance of the elastic webbing between the edge of the front body and the edge of the back body.

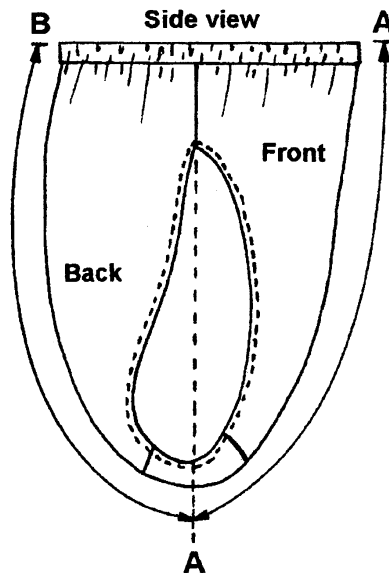


Figure 4

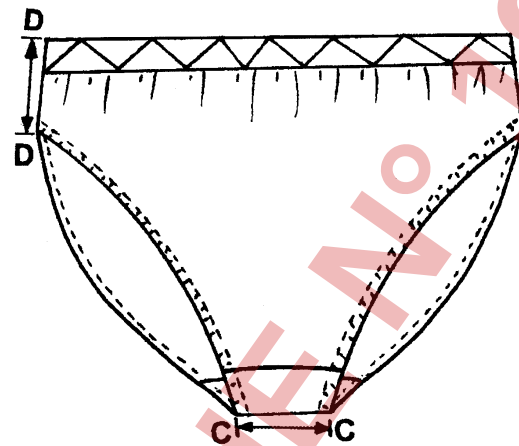


Figure 5

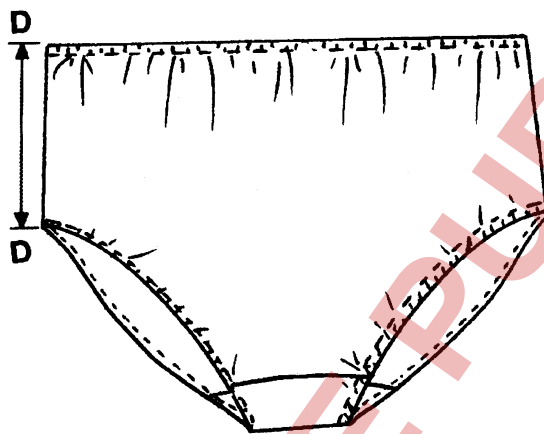


Figure 6

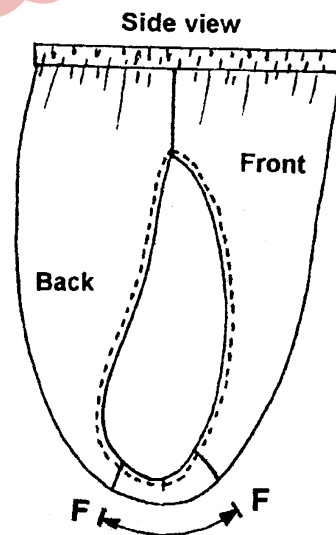


Figure 7

Ladies' panties		
Measuring point		Description
A-A	Front rise see figure 4	Measure the length, (placing the side seams on top of each other and fold in the centre to a quarter of the width), from the top edge of the garment (centre front), around the fullness to the natural crotch line.
A-B	Back rise see figure 4	Measure the length, (placing the side seams on top of each other and fold in the centre to a quarter of the width), from the top edge of the garment (centre back), around the fullness to the natural crotch line.
C-C	Gusset width see figure 5	Measure at the narrowest point of the gusset at the natural crotch position.
D-D	Side seam see figures 5 and 6	Measure from the top edge of the garment to the top edge of the leg opening.
F-F	Gusset length see figure 7	Measure from the front-to-gusset seam to the back-to-gusset seam.

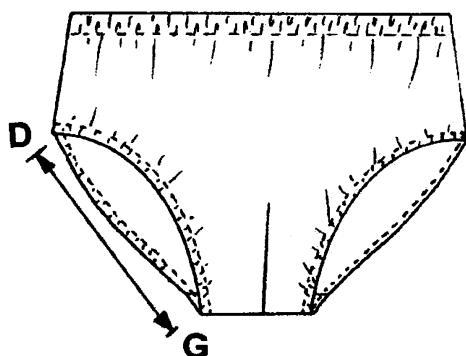


Figure 8

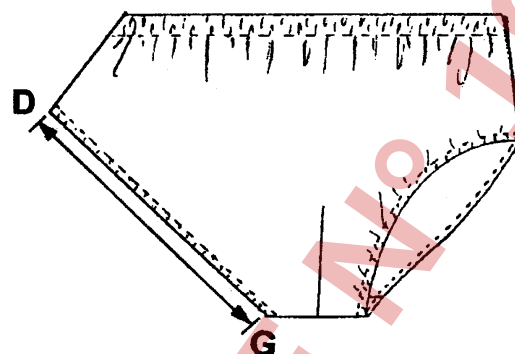


Figure 9

Leg circumference		
Measuring point		Description
D-G	Leg opening circumference (relaxed) see Figure 8	Measure from the top edge of the leg opening to the bottom edge of the leg opening and multiply by two.
D-G	Leg opening circumference (extended) see Figure 9	Measure from the top edge of the leg opening, with the leg opening fully extended, to the bottom edge of the leg opening and multiply by two.

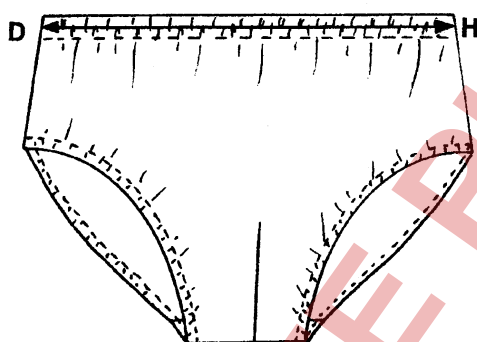


Figure 10

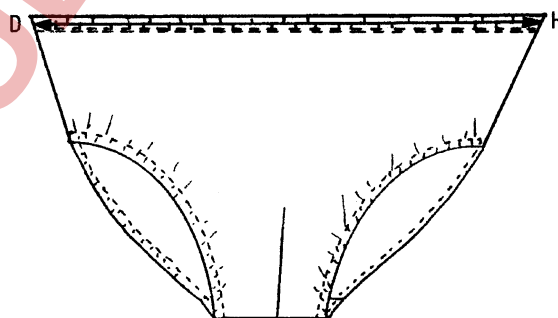


Figure 11

Waist circumference		
Measuring point		Description
D-H	Waist circumference (relaxed) see figure 10	Measure across at the top edge of the garment and multiply by two.
D-H	Waist circumference (extended) see figure 11	Measure across at the top edge of the garment, with the waist fully extended, and multiply by two.

5.11 Category J: Camisoles and brassieres

Brassieres and similar items of underwear that cover only the upper part of the body, e.g. camisoles.

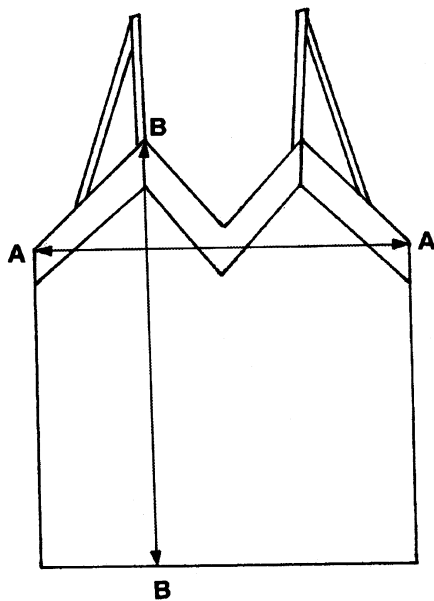


Figure 1

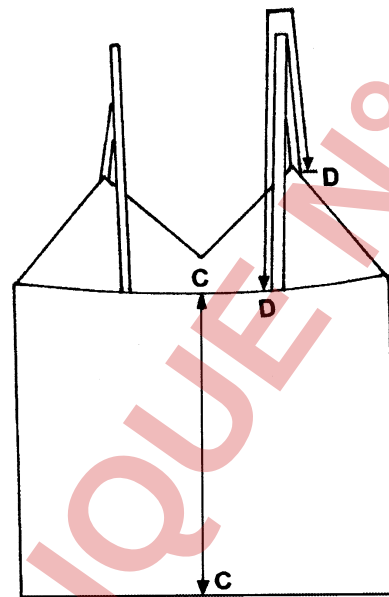


Figure 2

Camisoles		
Measuring point		Description
A-A	Bust see Figure 1	Measure across the width of the garment at the base of the scye, with the garments spread completely flat, and multiply by two.
B-B	Front length see Figure 1	Measure the length from the highest point to the bottom edge of the garment.
C-C	Back length see Figure 2	Measure the length from the centre back point to the bottom edge of the garment.
D-D	Strap length see Figure 2	Measure the length of the strap from the one end to the other.

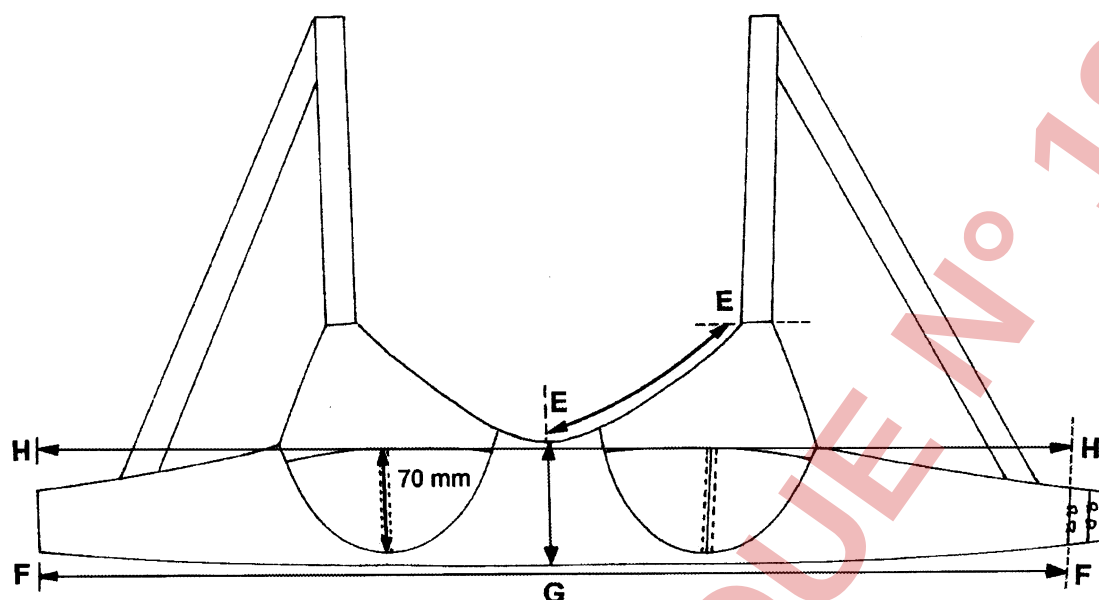


Figure 3

Brassieres		
Measuring point		Description
E-E	Half front neckline see Figure 3	Measure the length from the centre front to the top edge of the body of the garment.
F-F	Under bust circumference see Figure 3	Measure the circumference of the bust at the bottom edge of the cups from the outer fastener (hooks) at one end to the eyes (first row) at the other end.
E-G	Centre front depth see Figure 3	Measure the depth at centre front from the top edge to the bottom edge.
H-H	Over bust circumference see Figure 3	Measure the circumference of the bust at a point 70 mm above the bottom edge of the cup.

5.12 Category K: One-piece coveralls

One-piece coveralls and similar items of outerwear that cover the whole of the body, e.g. flight suits.

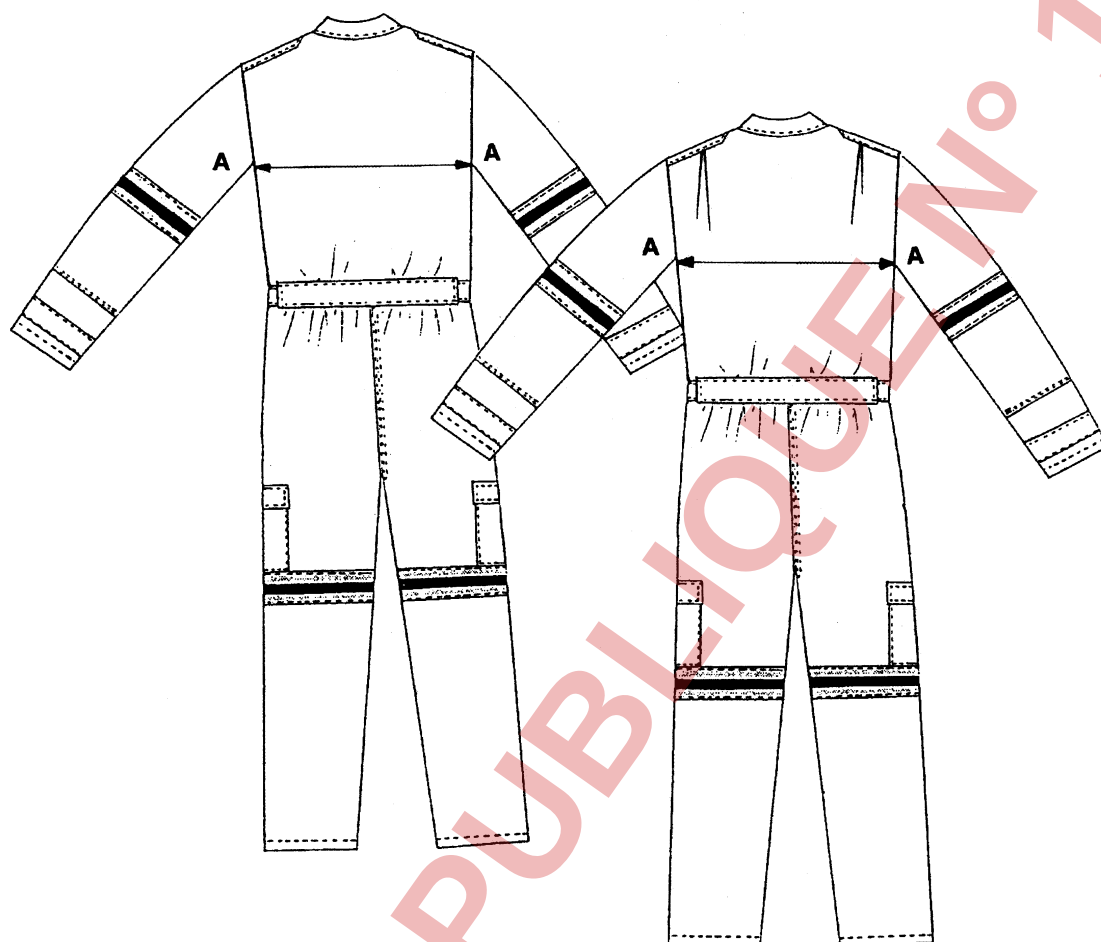


Figure 1

Figure 2

Measuring point		Description
A-A	Chest/bust circumference (plain back) see Figure 1	Measure across the width of the garment at the base of the scye, with the garment spread completely flat, and multiply by two.
A-A	Chest/bust circumference (pleated back) see Figure 2	Measure across the width of the garment at the base of the scye, with open pleats and with the garment spread completely flat, and multiply by two.

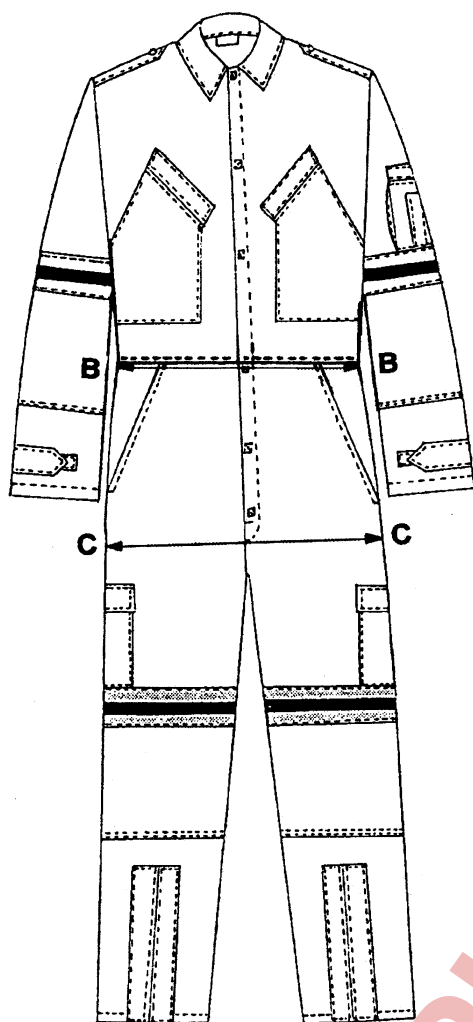


Figure 3

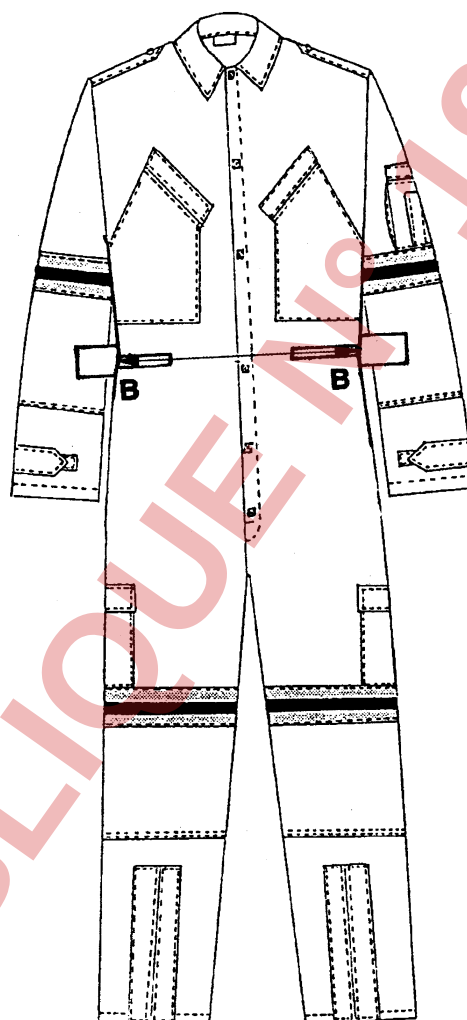


Figure 4

Measuring point		Description
B-B	Waist circumference (with waist seam) see Figure 3	Measure across the width of the garment at the waist seam and multiply by two.
B-B	Waist circumference (with waist adjustment straps, no waist seam) see Figure 4	Measure across the width of the garment at waist level (narrowest section of the body of the garment), with the adjustment straps unfastened, and multiply by two.
C-C	Seat/hip circumference see Figure 3	Measure across the width of the garment at the seat/hip level (widest point) and multiply by two.

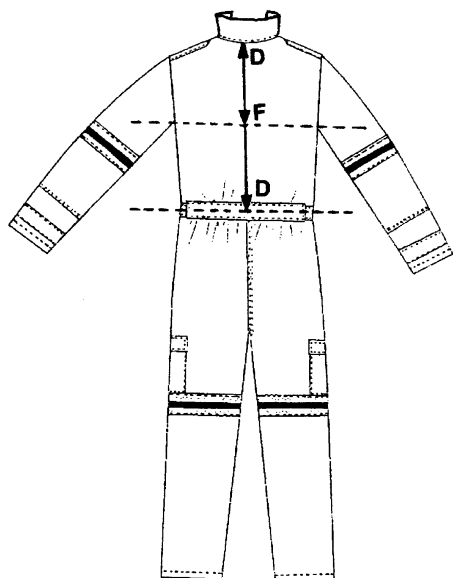


Figure 5

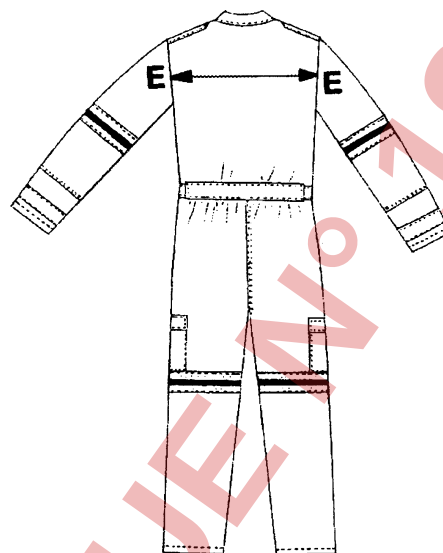


Figure 6

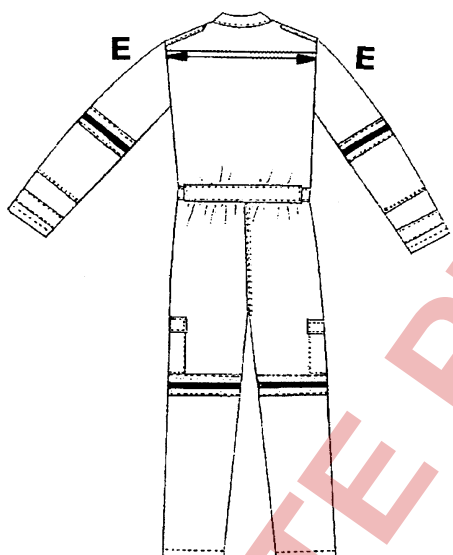


Figure 7

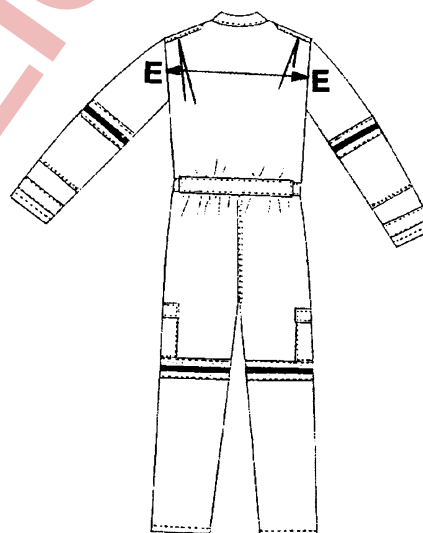


Figure 8

Measuring point		Description
D-D	Back neck to waist see Figure 5	Measure the length from the centre back neck seam to the waistline/waist seam.
E-E	Back width (plain back) see Figure 6	Measure across the width of the back, at the midpoint of the scye, from sleeve seam to sleeve seam.
E-E	Back width (back with yoke) see figure 7	Measure across the width of the back, at the yoke-to-back panel seam, from sleeve seam to sleeve seam.
E-E	Back width (pleated back) see Figure 8	Measure across the width of the back, at the midpoint of the scye, with open pleats, from sleeve seam to sleeve seam.
D-F	Depth of scye see Figure 5	Measure from the centre back neck seam to the level of the base of the scye.

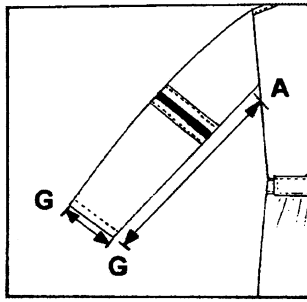


Figure 9

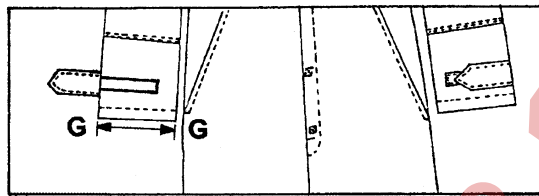


Figure 10

Measuring point		Description
A-G	Sleeve length see Figure 9	Measure from the base of the scye, along the underarm seam to the outer edge of the cuff.
G-G	Cuff width (plain cuff) see Figure 9	Measure across the bottom edge of the cuff and multiply by two.
G-G	Cuff width (with adjustment straps) see Figure 10	Measure across the bottom edge of the cuff, with the adjustment straps unfastened and multiply by two.

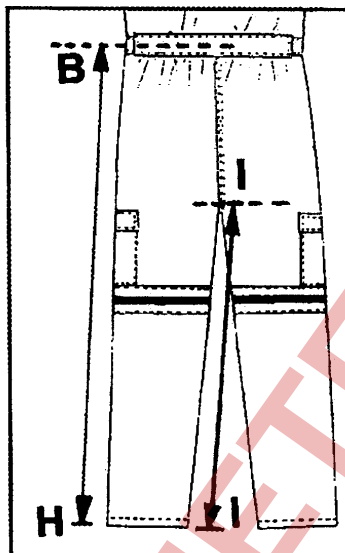


Figure 11

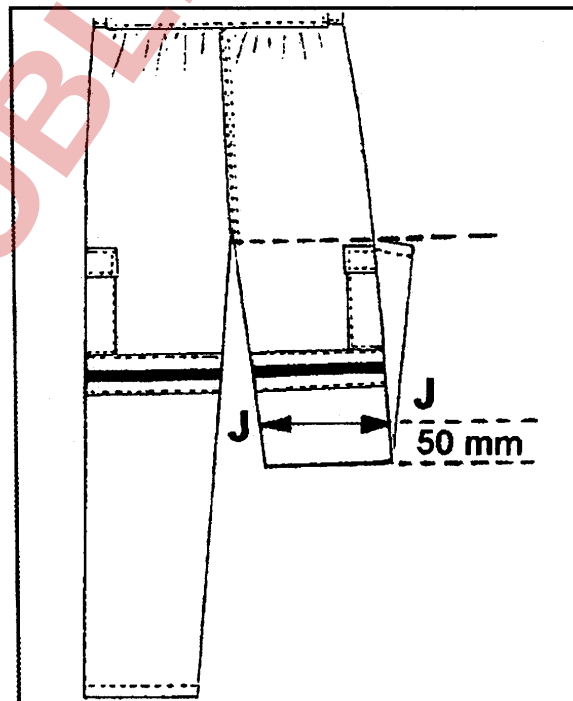


Figure 12

Measuring point		Description
B-H	Outside leg length see Figure 11	Measure from the waistline/waist seam to the bottom edge of the leg
I-I	Inside leg length see Figure 11	Measure from the crotch seam to the bottom edge of the leg.
J-J	Knee circumference see Figure 12	Measure across the width, 50 mm above the position determined by folding the bottom edge of the leg to the crotch seam, and multiply by two.

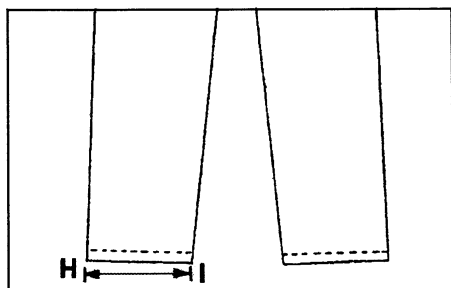


Figure 13

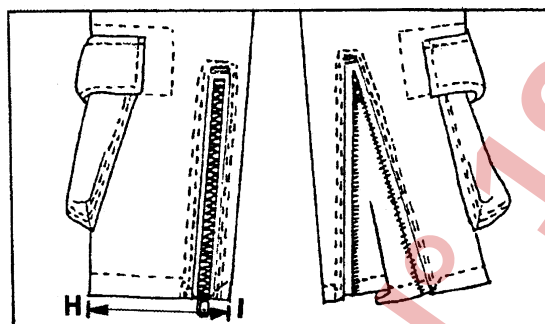


Figure 14

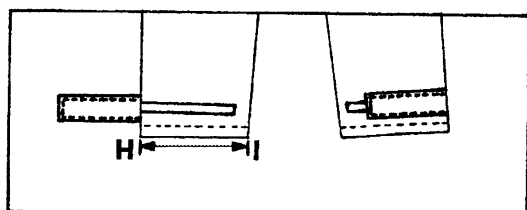


Figure 15

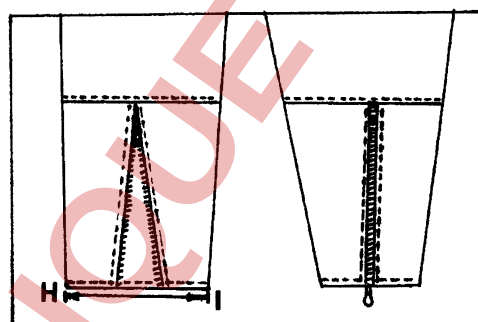


Figure 16

Bottom hem circumference		
Measuring point		Description
H — I	Bottom hem (plain hem) see Figure 13	Measure across the width at the bottom edge of the leg and multiply by two.
H — I	Bottom hem (with gusset) see Figure 14	Measure across the width at the bottom edge of the leg with the slide fastener fastened, and multiply by two.
H — I	Bottom hem (with adjustment straps) see Figure 15	Measure across the width at the bottom edge of the leg, with the adjustment straps unfastened, and multiply by two.
H — I	Bottom hem (with slide fastener — for reduction of circumference) see Figure 16	Measure across the width at the bottom edge of the leg with the slide fastener unfastened, and multiply by two.

5.13 Category L: Ties and cravats

Ties and similar items of neckwear, e.g. bow tie.

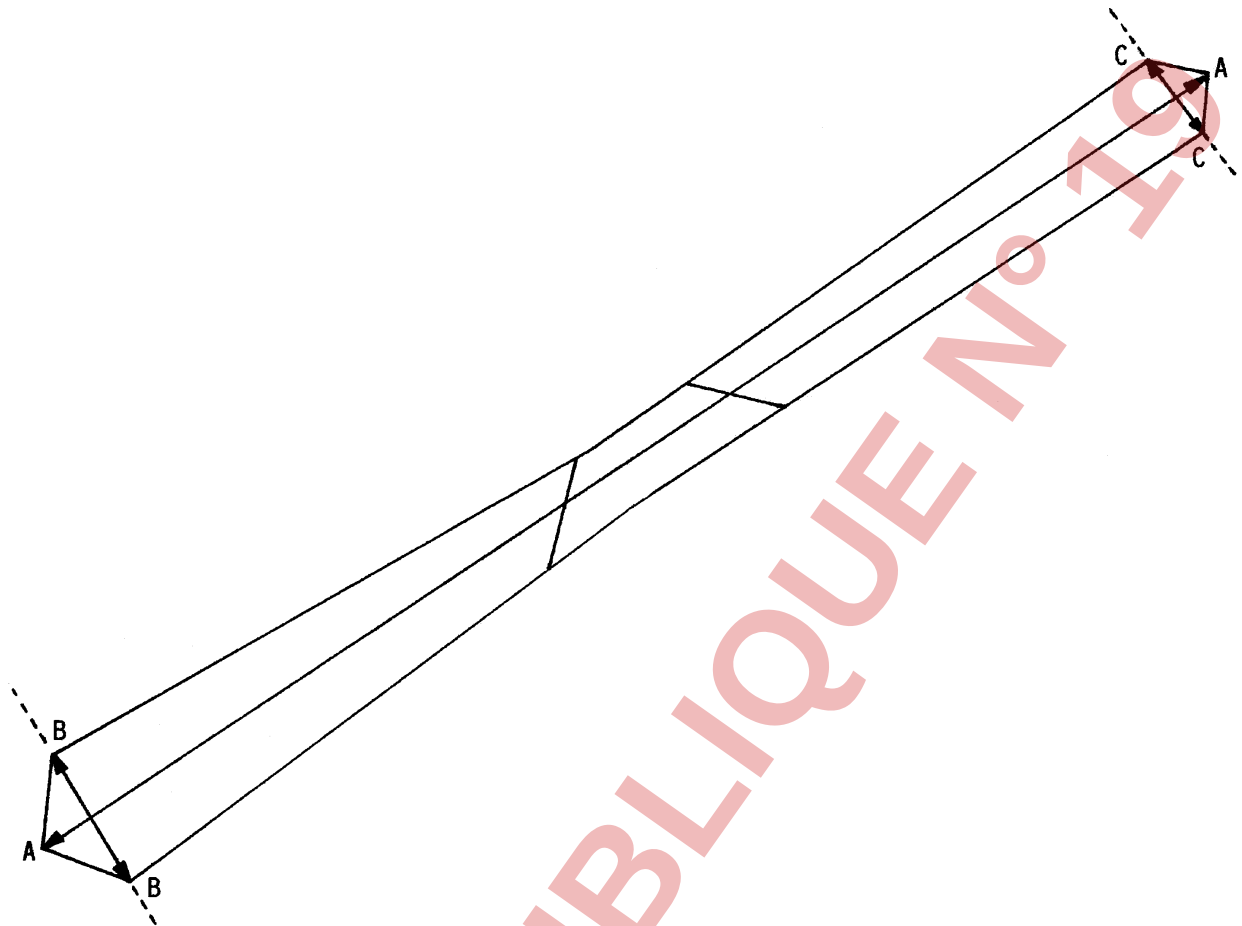


Figure 1

Neck ties		
Measuring point		Description
A-A	Length see Figure 1	Measure the length from the point of the mitre (wide end) to the opposite point of the mitre (narrow end).
B-B	Width (wide end) see Figure 1	Measure across the width, at the base of the mitre at the wide end of the tie.
C-C	Width (narrow end) see Figure 1	Measure across the width, at the base of the mitre, at the narrow end of the tie.

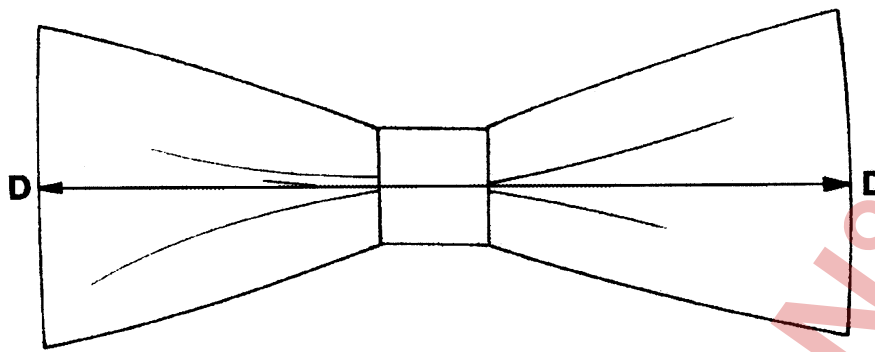


Figure 2

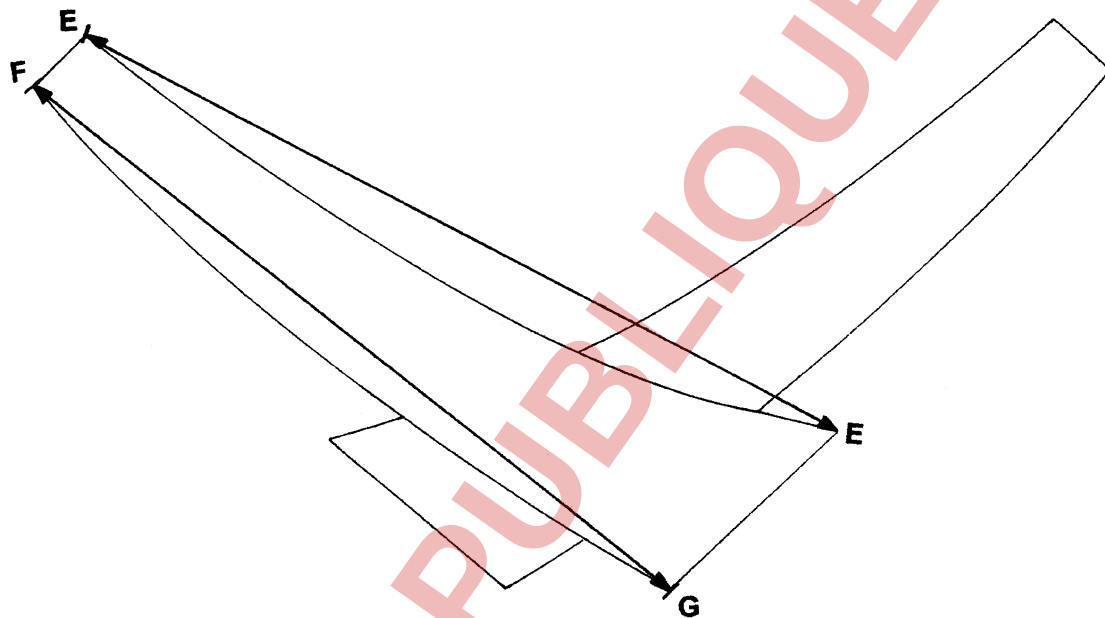


Figure 3

Bow ties		
Measuring point		Description
D-D	Length (tie with loop) see Figure 2	Measure the length in the centre, from the one end to the other.
E-E	Length (tie with overlapping sections — top/long edge) see Figure 3	Measure the length, in a straight line, from one end of the top edge to the other.
F-G	Length (tie with overlapping sections — bottoms/short edge) see Figure 3	Measure the length, in a straight line, from one end of the bottom edge to the other.

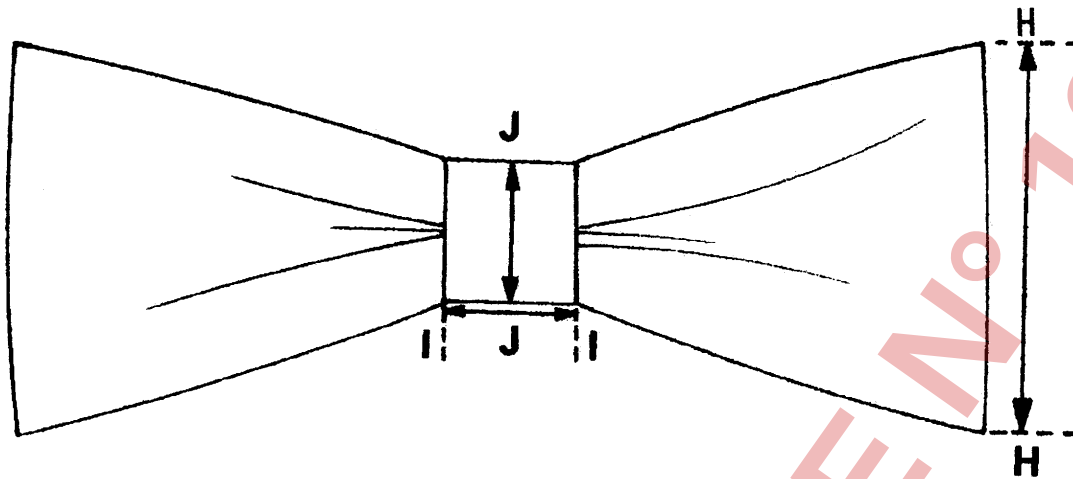


Figure 4

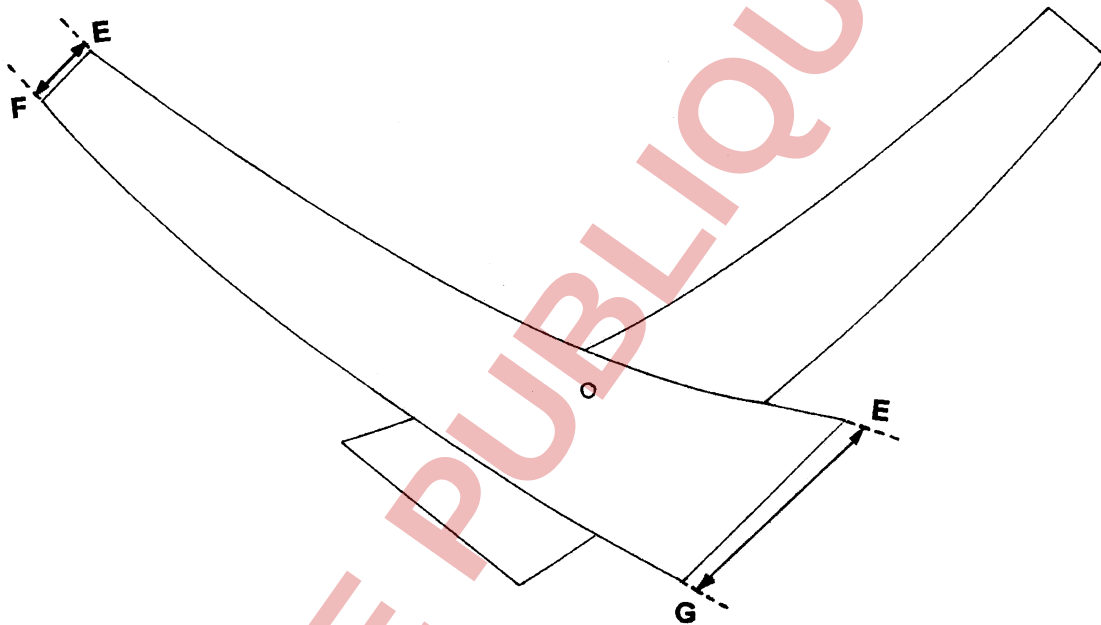


Figure 5

Measuring point		Description
H-H	Width (tie with loop) see Figure 4	Measure the width at the outer edge of the tie.
I-I	Loop length see Figure 4	Measure the length of the loop at the bottom fold line.
J-J	Loop width see Figure 4	Measure the width of the loop from the top edge of the fold line to the bottom edge of the fold line.
E-F	Width (tie with overlapping sections — top/short edge) see Figure 5	Measure the width from the one end of the top edge to the other end of the bottom edge.
E-G	Width (tie with overlapping sections — bottom/long edge) see Figure 5	Measure the width from the one end of the top edge to the other end of the bottom edge.

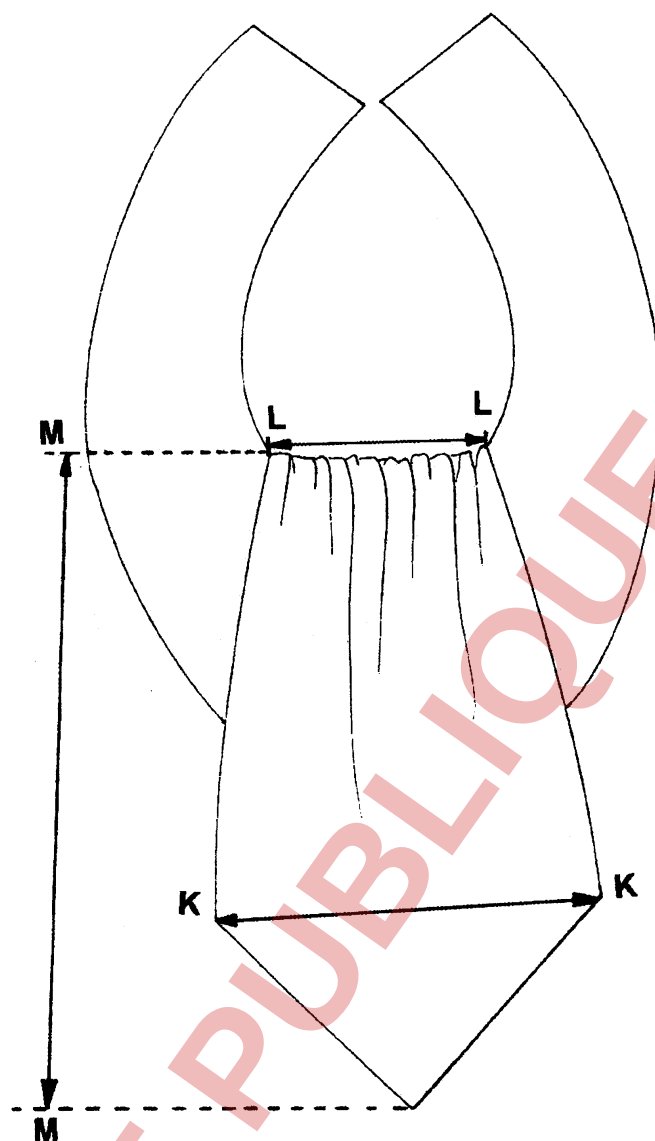


Figure 6

Cravats			
Front piece			
Measuring point		Description	
K-K	Width (bottom) see Figure 6	Measure across the width at the base of the mitre.	
L-L	Width (top) see Figure 6	Measure the width at the top edge at the front piece.	
M-M	Length (front piece) see Figure 6	Measure the length from the top edge of the front piece to the point of the mitre.	

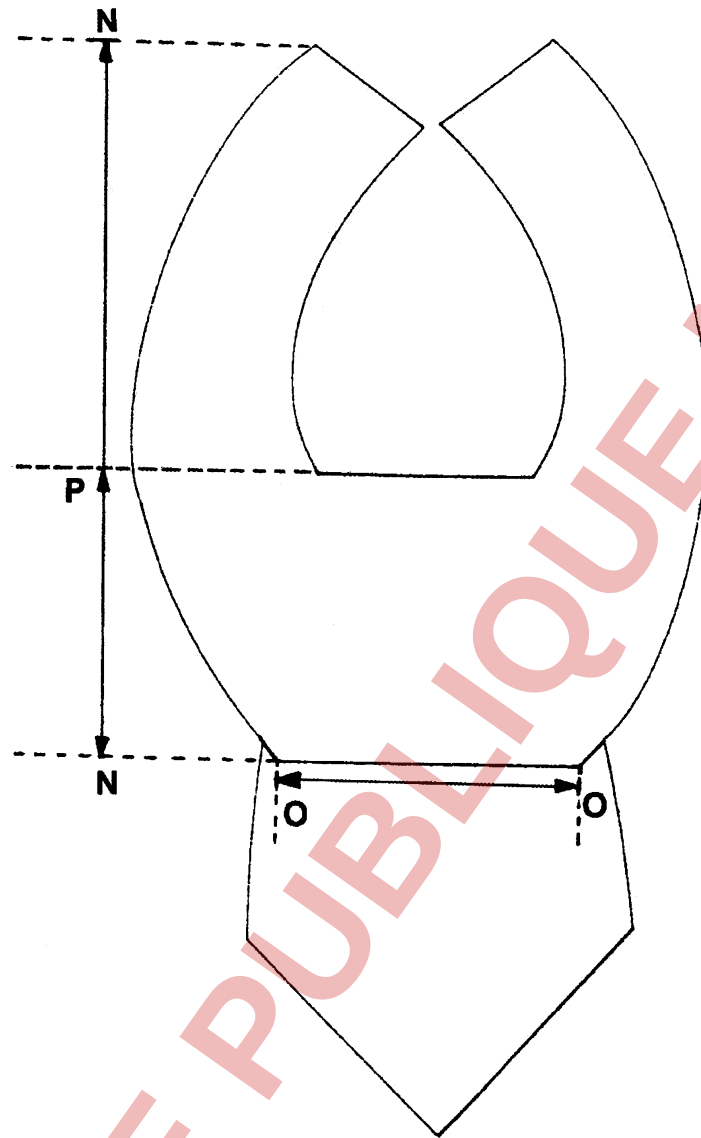


Figure 7

Neck piece		
	Measuring point	Description
N-N	Length see Figure 7	Measure the length from the top edge to the bottom edge of the neck piece.
O – O	Width see Figure 7	Measure the width across the bottom edge of the neck piece.
N-P	Base length see Figure 7	Measure the length from the base of the cut-out section to the bottom edge of the neck piece.

5.14 Category M: Gloves

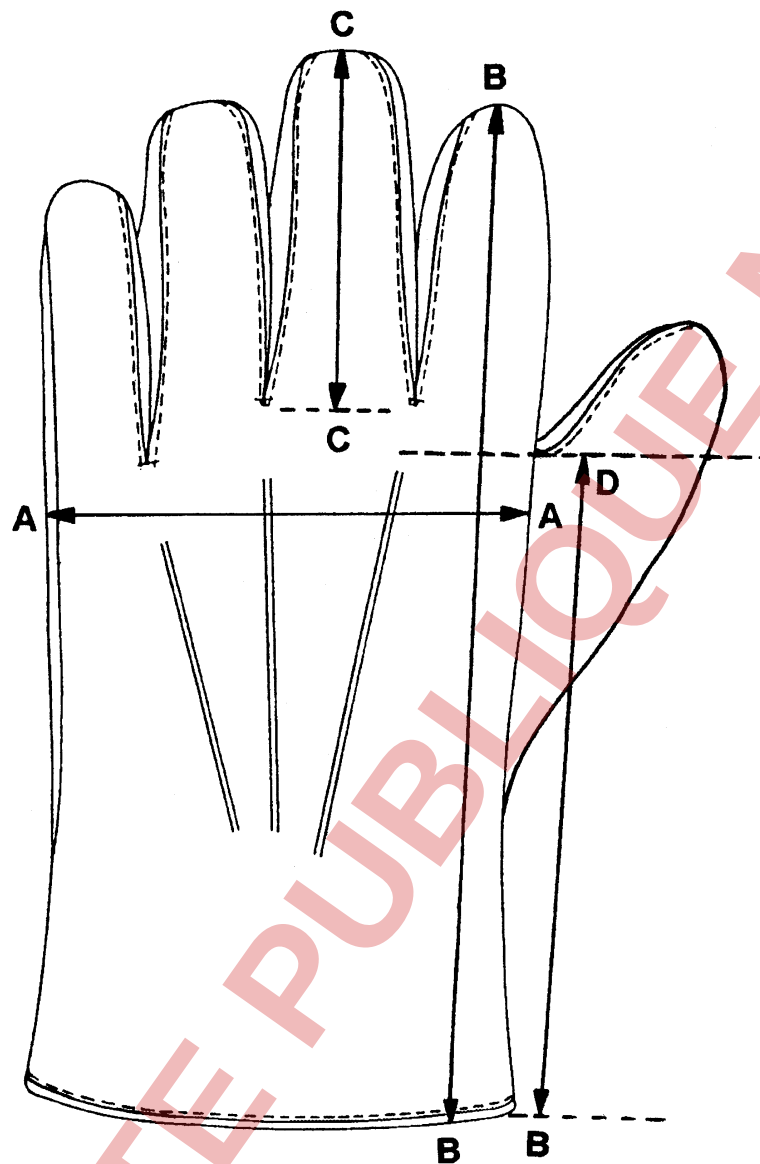


Figure 1

Leather gloves		
Measuring point		Description
A-A	Hand circumference see Figure 1	Measure across the width at the back of the glove at knuckle level, with all creases flattened out, stretched to its full extent and multiply by two.
B-B	Length (total length) see Figure 1	Measure from the tip of the second finger to the outer edge of the cuff.
C-C	Length (middle finger) see Figure 1	Measure the length from the tip to the base of the middle finger.
D-B	Length (below thumb) see Figure 1	Measure the length from the base of the thumb to the outer edge of the cuff.

5.15 Category N: Aprons

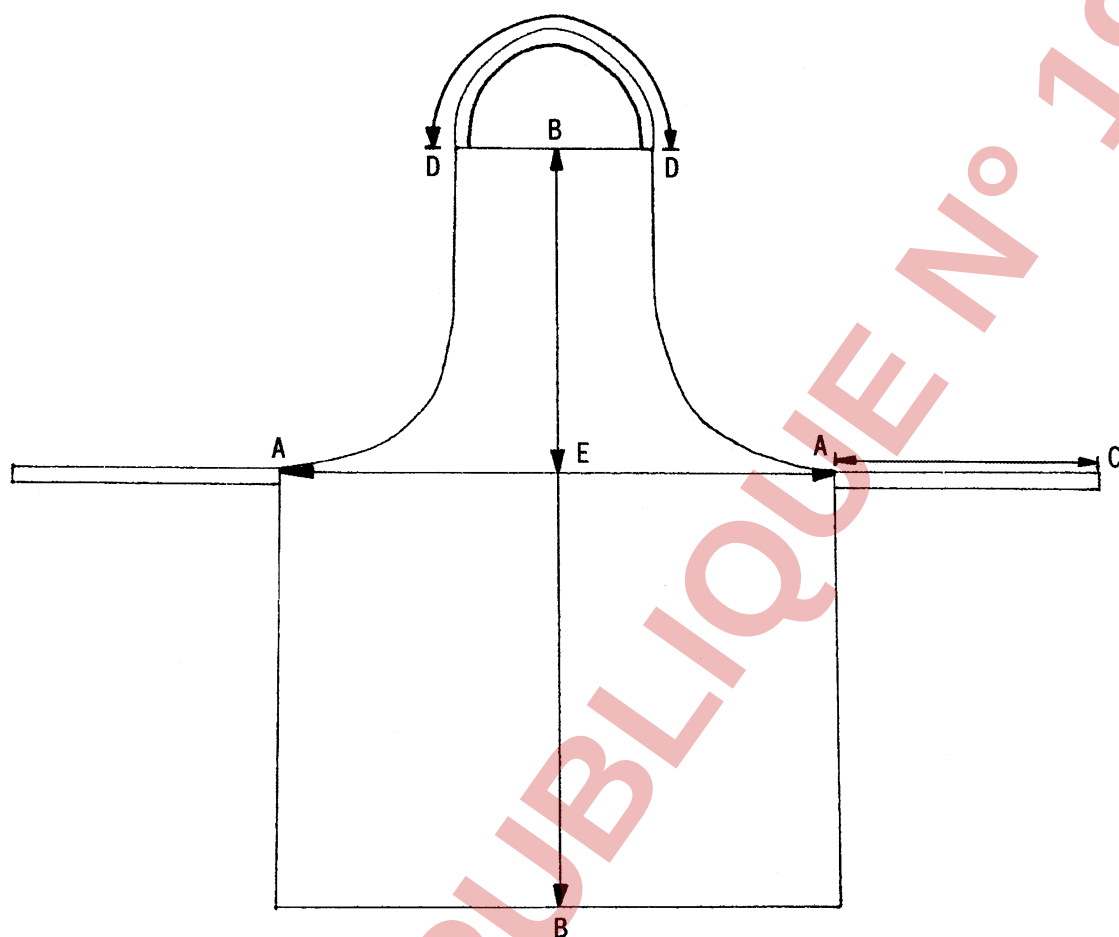


Figure 1

Aprons		
Measuring points		Description
A-A	Width see Figure 1	Measure across the width of the apron at the widest point.
B-B	Front length see Figure 1	Measure the length in the centre from the top edge of the bib to the bottom edge of the apron.
B-E	Bib length see Figure 1	Measure the length in the centre from the top edge of the bib to the waist seam/waist level.
A-C	Length of waist tie see Figure 1	Measure from the one end of the tie to the outer edge of the tie.
D-D	Length of neck loop see Figure 1	Measure the length from one end to the other.

5.16 Category O: Socks, pantihose and knee-highs

Socks and similar items of hosiery, e.g. pantihose and knee-highs.

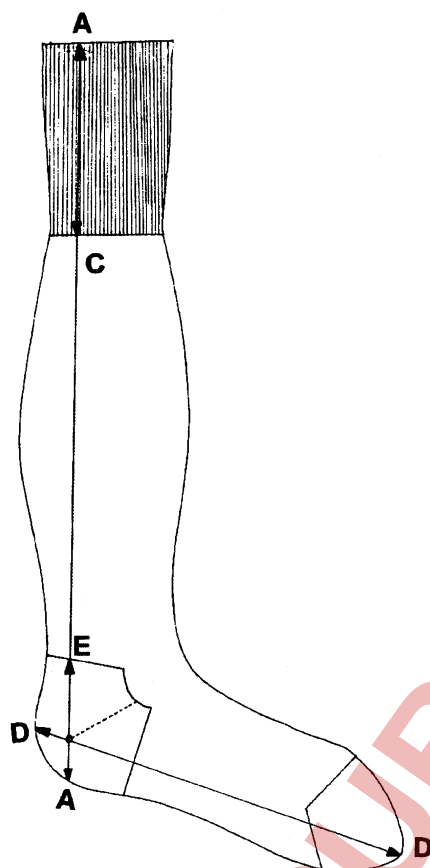


Figure 1

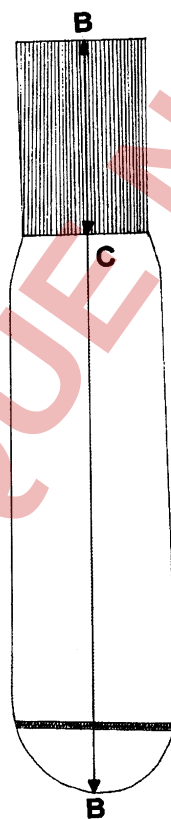


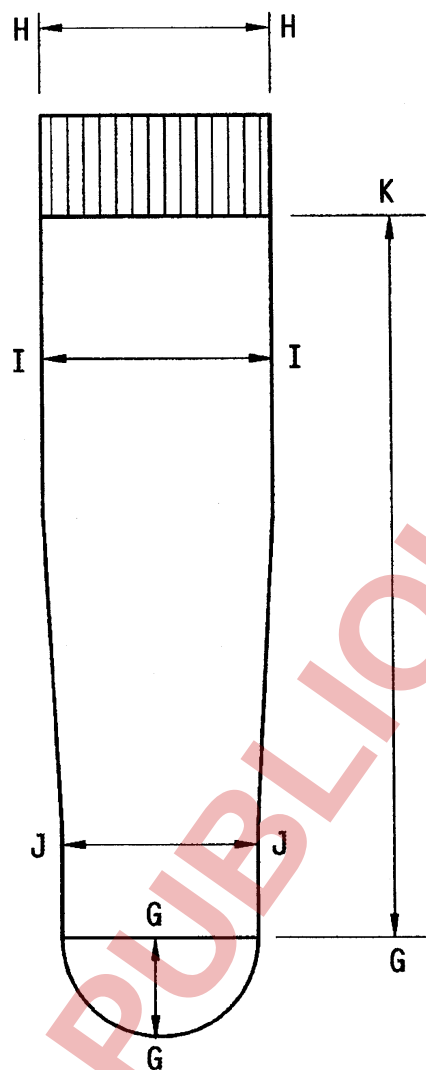
Figure 2

Socks		
Measuring point		Description
A-A	Length see figure 1	Measure the length (along a line parallel to the wales and passing through the lower end of the gore in the heel) of the leg from the upper edge of the top to the bottom of the heel.
B-B	Length (tube) see figure 2	Measure the length (along a line parallel to the wales) of the leg in the centre from the upper edge of the top to the bottom of the toe.
A - C and B - C	Top length see figures 1 and 2	Measure the length (along a line parallel to the wales) from the top edge of the sock to the last course at the top from its upper edge to the last course at the top of the rest of the leg.
D-D	Foot length see figure 1	Measure the length of the foot along a line passing through the point of the toe and the lower end of the gore in the heel.
A-E	Heel splicing length see figure 1	Measure the length of the splicing from the bottom of the heel to the top of the splicing.
	Stretch width see Figure 1	Measure



Figure 3

Pantihose			
Measuring point		Description	
F-F	Waistband depth see Figure 3	With the pantihose laid flat and in a relaxed state, measure from the top edge of the waistband to the top edge of the panty change-over.	
G-G	Toe depth	Fit the pantihose on an appropriate leg-form and measure the depth at the widest point.	
	Waistband girth	Fit the pantihose on an appropriate leg-form and measure	
	Panty length and width		
	Thigh width (leg)		
	Leg length		
	Foot width		



Knee-highs		
Measuring point		Description
G - G	Toe depth see Figure 4	Fit the knee-high on an appropriate leg-form and measure the depth at the widest point.
H - H	Welt see Figure 4	
I - I	Calf see Figure 4	
J - J	Foot width see Figure 4	
G - K	Leg length see Figure 4	

5.17 Category P: Headgear

Headgear, e.g. baseball caps, beanie caps and flight caps.

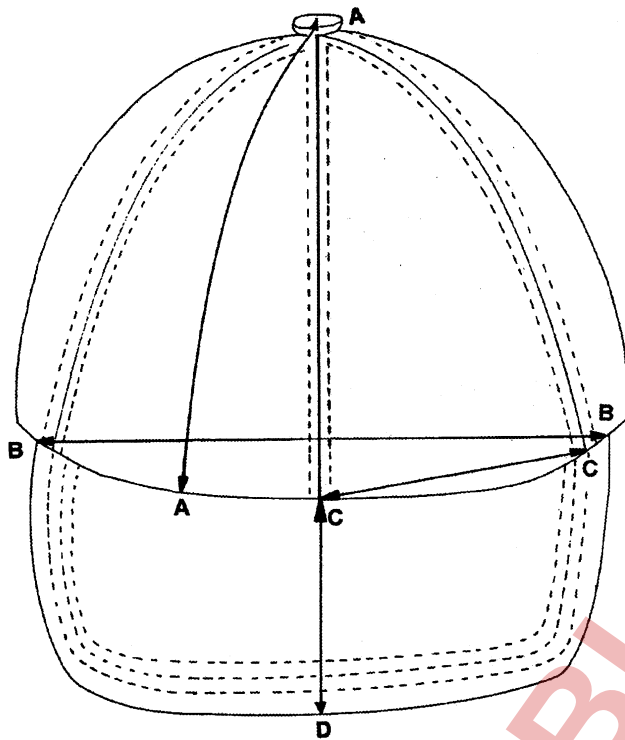


Figure 1

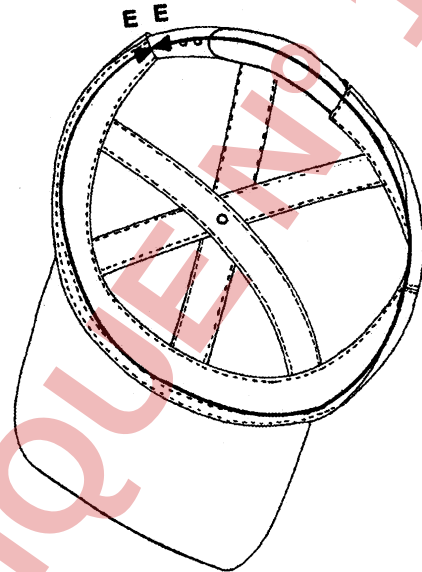


Figure 2

Baseball cap		
Measuring point		Description
A-A	Panel length see Figure 1	Measure from the apex, in the centre of the panel, to the panel-to-peak seam.
B-B	Peak width see Figure 1	Measure in a straight line, from the outer edge of the peak-to-crown seam to the other outer edge of the peak-to-crown seam.
C-C	Panel width see Figure 1	Measure at the base of each panel, from the one panel seam to the other.
C-D	Peak depth see Figure 1	Measure from the midpoint of the peak-to-crown seam to the outer edge of the peak.
E-E	Cap circumference see Figure 2	Measure on the inside, along the full circumference of the cap, with the adjustable strap fastened to the appropriate nipple (depending on the size) or by means of the headband apparatus.

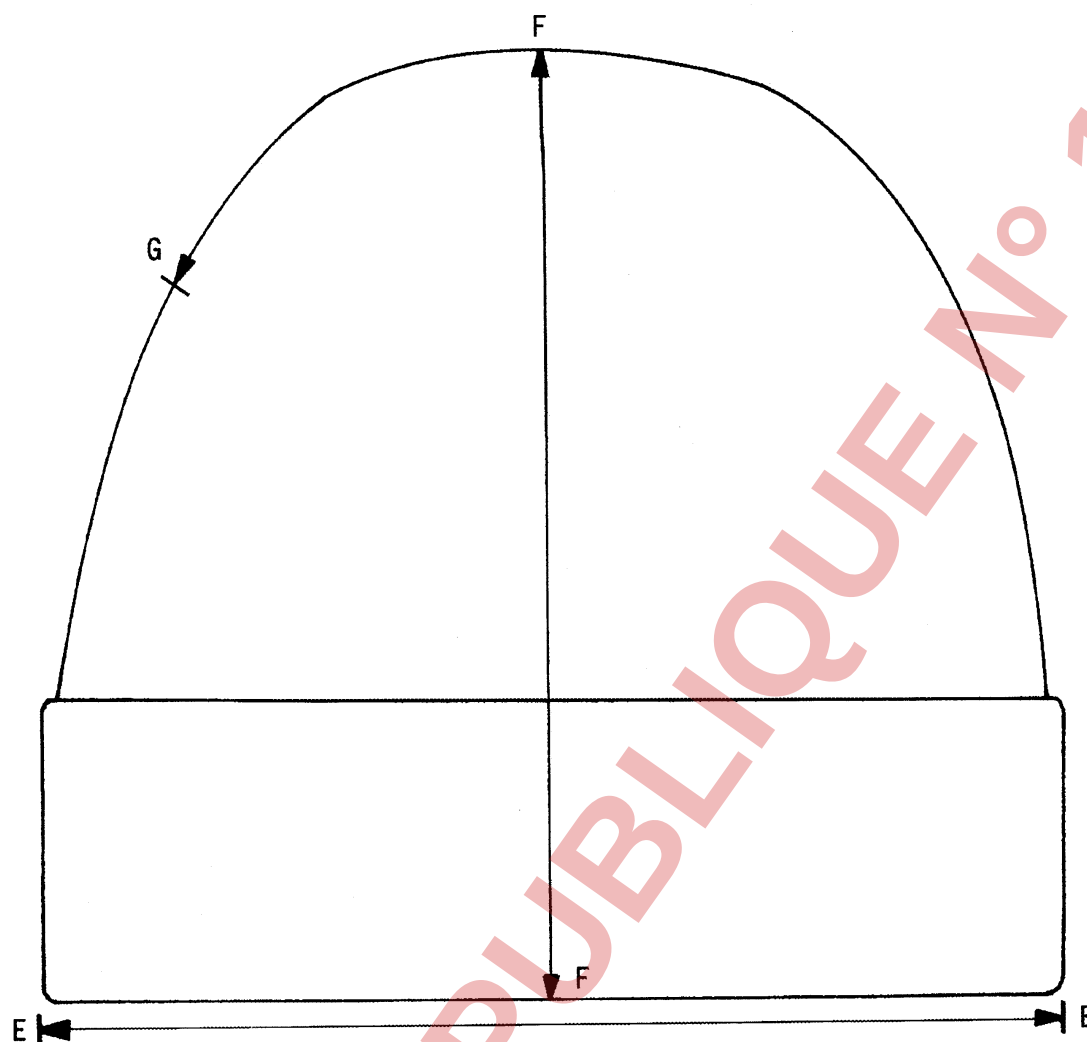


Figure 3

Beanie cap		
Measuring point		Description
F-F	Length see Figure 3	Measure the length in the centre of the cap from the top edge to the bottom edge (the turned-over section to be folded over the specified distance before measuring).
E-E	Cap circumference see Figure 3	Measure along the folded bottom edge of the cap and multiply by two.
F-G	Dart length see Figure 3	Measure from the top edge of the cap to the outer edge of the dart.

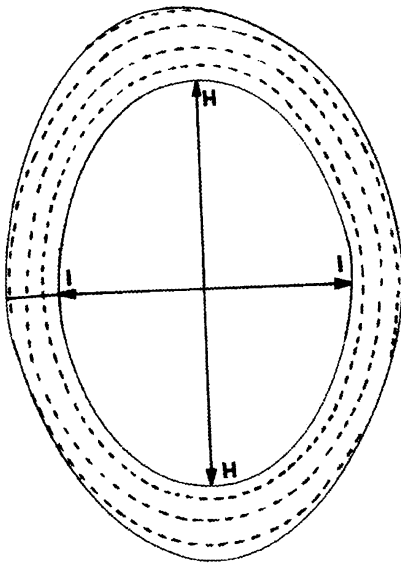


Figure 4

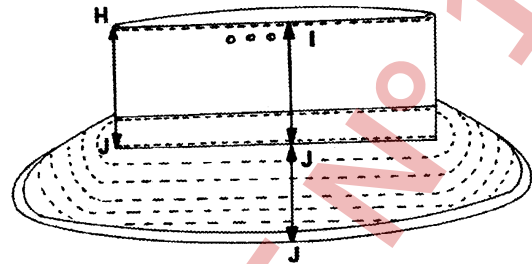


Figure 5

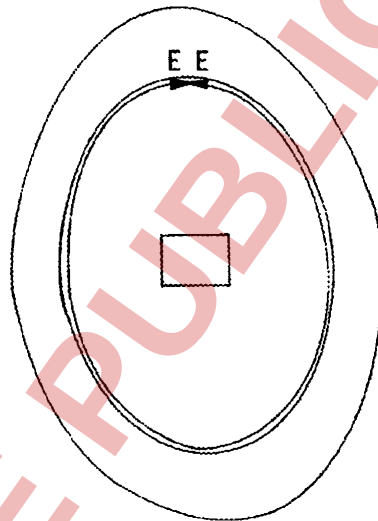


Figure 6

Bush hat		
Measuring point		Description
H-H	Crown length see Figure 4	Measure the length from the crown-to-body seam at centre front to the crown-to-body seam at centre back.
I-I	Crown width see Figure 4	Measure the width in the centre of the crown from the crown-to-body seam to the other.
H - J and I - J	Body depth see Figure 5	Measure from the crown-to-body seam to the brim-to-body seam.
J-J	Brim depth see Figure 5	Measure from the body-to-brim seam to the outer edge of the brim.
E-E	Hat circumference see Figure 6	Measure on the inside, along the full circumference of the hat, below the crown-to-body seam or by means of the headband apparatus.

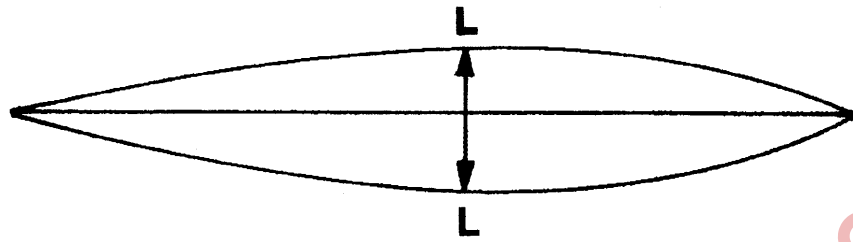


Figure 7

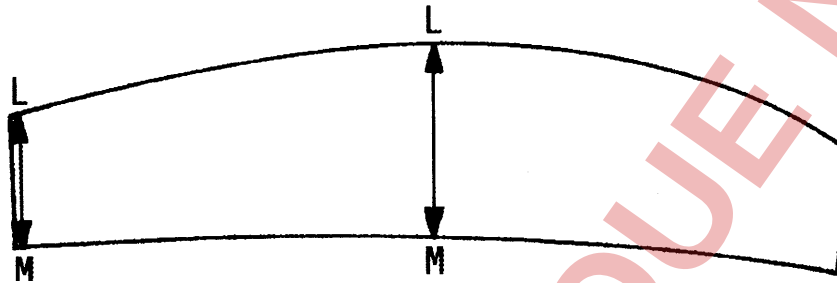


Figure 8

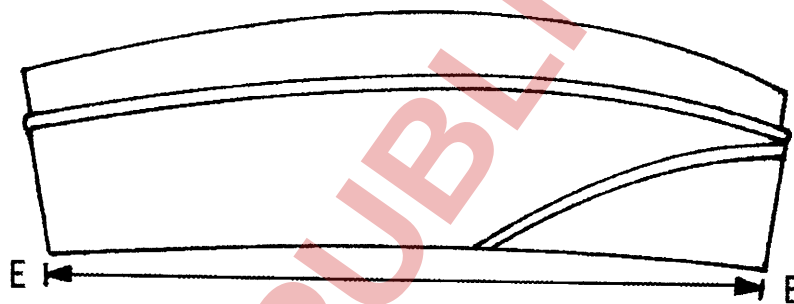


Figure 9

Garrison cap		
Measuring point		Description
L-L	Width (top panel) see Figure 7	Measure the width at the widest point.
L-M	Depth (side panel) see Figure 8	Measure the depth at the widest and narrowest points of the side panel.
E-E	Cap circumference see Figure 9	Measure along the folded bottom edge of the cap and multiply by two.

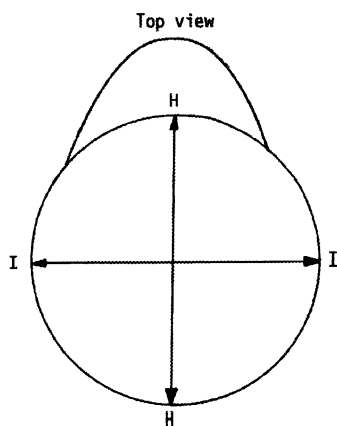


Figure 10

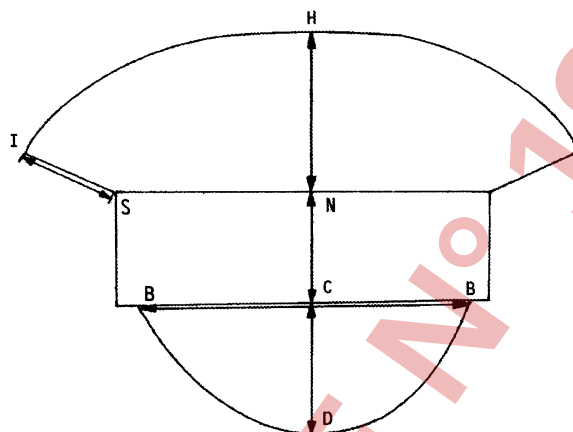


Figure 11

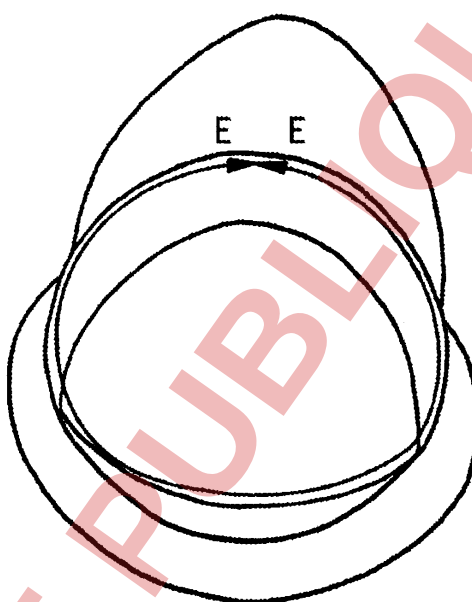


Figure 12

Flight cap		
Measuring point		Description
H-H	Crown length see figure 10	Measure the length from the crown-to-bevel seam at centre front to the crown-to-body seam at centre back.
I-I	Crown width see figure 10	Measure the width in the centre of the crown from the crown-to-bevel seam to the other.
B-B	Peak width see figure 11	Measure in a straight line, from the outer edge of the peak-to-body seam to the other outer edge of the peak-to-body seam.
C-D	Peak depth see Figure 11	Measure from the midpoint of the peak-to-crown seam to the outer edge of the peak.
N-C	Body depth see Figure 11	Measure the depth from the bevel-to-body seam to the bottom edge of the body.
I - S and H - N	Bevel depth see Figure 11	Measure the depth from the crown-to-bevel seam to the bevel-to-body seam.
E-E	Cap circumference see Figure 12	Measure on the inside, along the full circumference of the cap or by means of the headband apparatus

Bibliography

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ISO 8559-1:2017, *Size designation of clothes — Part 1: Anthropometric definitions for body measurement*

ISO 8559-2:2017, *Size designation of clothes — Part 2: Primary and secondary dimension indicators*

ISO 18890, *Clothing — Standard method of garment measurement*

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