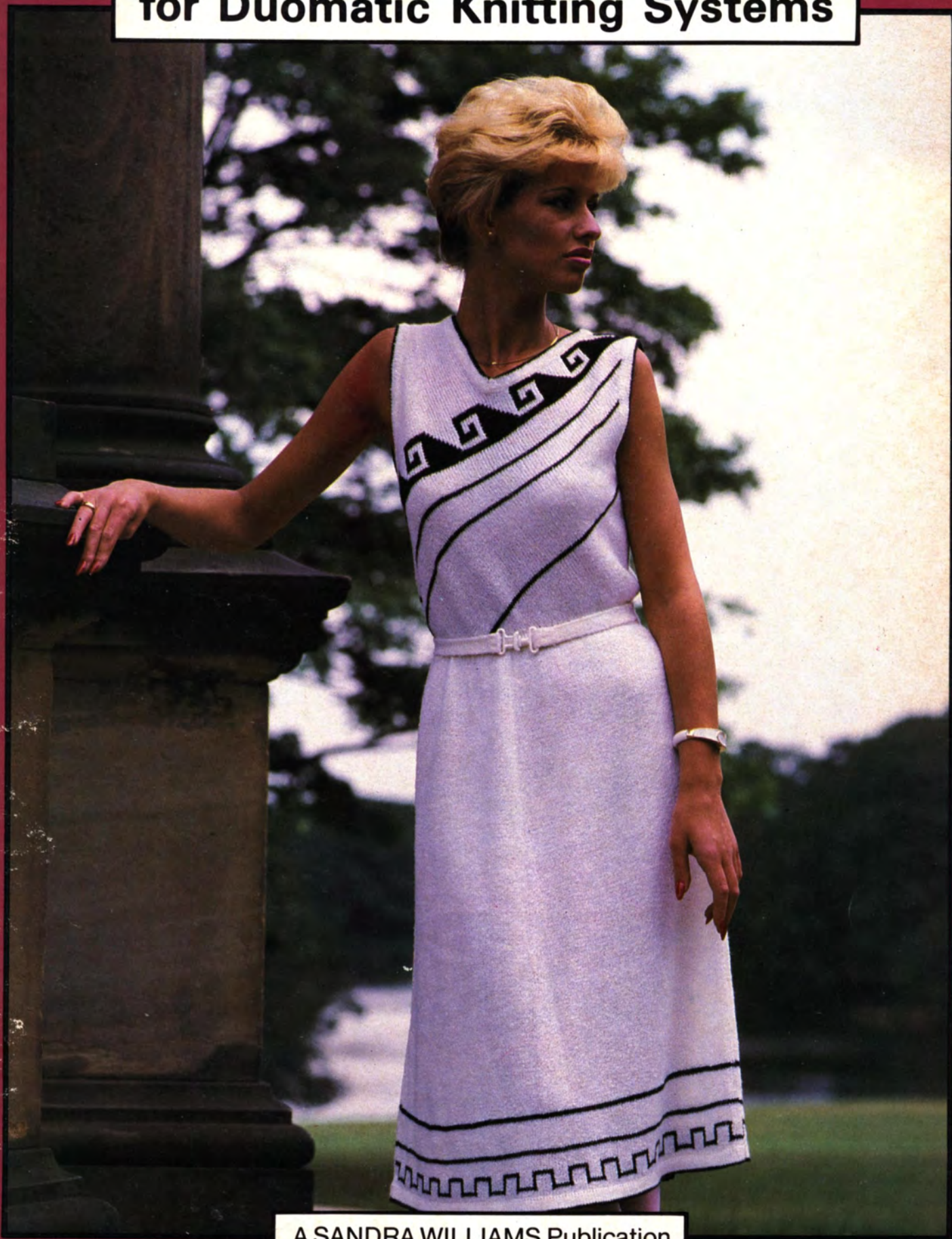


# SWISSKNITTER

for Duomatic Knitting Systems



A SANDRA WILLIAMS Publication

No 6

S602



S603



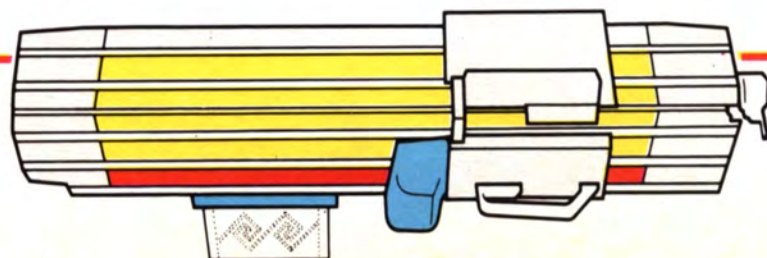
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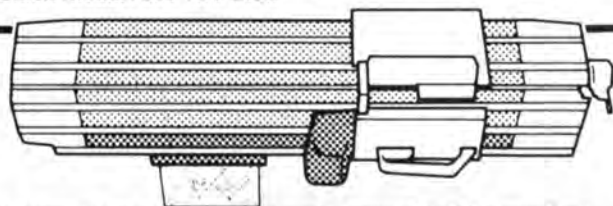
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# SWISSKNITTER

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### IMPORTANT ANNOUNCEMENT

Dear Knitter,

Sadly this is the last issue of "Swissknitter" to be published for the time being. For a magazine to be successful it needs to appeal to a large market and regretfully, as yet, the number of people owning and using Pfaff/Passap machines in the UK is too few to sustain a colour magazine of the quality of "Swissknitter".

When we realised this we were left with only two alternatives, either to reduce the quality of the existing publication or to close the magazine entirely until the market for it is larger. After lengthy consultations with Madag in Switzerland

(manufacturers of Pfaff/Passap machines) and with Pfaff, who have supported the magazine since the start, it was decided that closure at the end of the year was the best policy.

All those who have worked on "Swissknitter" are naturally disappointed but are grateful to you for your support over the last year. Who knows — we may be back again in the future but, for the time being at least, we're saying "Cheerio" with what we believe is our best issue yet.

SANDRA WILLIAMS  
PUBLISHER



#### SWISSKNITTER

for Duomatic Knitting Systems

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# Beginner's Pattern

This time we are knitting a poncho to go with the girl's hat and legwarmers which we made in Issue 3. The yarn used is the same 4 ply acrylic in a lovely warm red and lovat green.

There are a number of new techniques to learn in knitting this garment. It is seamless, so the main part is knitted in tubular knitting. Since we are using stocking stitch the lock setting is CX/CX. If you look at the list, on the top of the back lock, you will see that no pushers are required with this setting. It is completely automatic. When the locks are moved to the left the front bed knits, and when they are moved to the right the back bed knits. But you know this from casting on!

## Practise decreasing

If you look at the block of the garment you will see it as it appears whilst on the knitting machine. The left shoulder line is in the centre, the centre back is on the right and the centre front is on the left. You will at once see, from the shape of the block, that there is a lot of decreasing to do, to reduce the bottom width to the size of the neckline and collar. By the time you have finished you will be very good at fully-fashioned decreasing!

Of course, it is necessary to make a centre front opening below the neckline, so we cannot knit the whole garment in tubular knitting, or the poor unfortunate child would not get her head through the hole! For that reason the section from line AA to the end, including the collar, is knitted in half-tubular knitting, open at the left. With machines which have pushers on both back and front beds this is again an automatic stitch and will be fully explained for all the Duomatics in the pattern. Knitting it will extend your knowledge of the effect of arrow keys.

## Open-ended tubular knitting

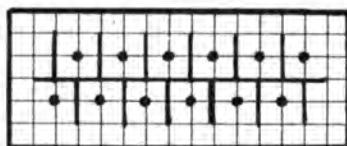
The other technique to learn in the main piece of the knitting is how to knit tubular striped material. If you have never knitted in tubular knitting I suggest you have a little practice before getting down to knitting the garment. Then you will understand the care which must be taken to get the appearance right.

To cast on, the handle is up and the



black strippers are used. For practice we will work on a width of 40 needles on both beds. These are arranged according to Diagram 1.

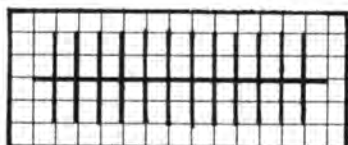
Diagram 1



CX/CX

You will notice that the position of the end needles is opposite to the needle rule for double bed knitting. We are about to make a simple single bed cast on on both of the beds, in exactly the same way as for stocking stitch on one bed only. The stitch size is 1. You need 4 ply yarn in two different colours. Set the locks to CX/CX and select one of the yarns. Knit 2 rows. The first row is knitted on the front bed, the second on the back bed. Now, bring all the intermediate needles to working position as in Diagram 2.

Diagram 2



CX/CX

You will notice at once that the needles are on a "collision course". That does not matter as the beds will be knitting separately. It is possible to knit tubular knitting with the handle down (needles in Knit/knit position), but the edges are not nearly as good as ours will be. The stitch is now the one that will be used throughout the knitting — in this case, 6¼. Set the row counter to 000 and knit 30 rows. The row counter now reads 030, but that does not mean we have extended our tube by 30 rows, since they were knitted half on each bed. It is necessary to read pattern instructions very carefully (always, of course!) but particularly when knitting a stitch like this. It is not always clear whether the number of rows refers to one bed or to both. If in doubt work it out from your tension piece. So, at this point, we have knitted 15 rows on each bed.

## Tubular stripes

Now it is time to change colour. We are going to knit 4 rows in the contrast colour (2 rows on each bed). Let us do that, and change back to the first yarn. Can you see what is happening? If not, make some more stripes of differing widths until you see what is wrong ..... now read on.

(continued on page 8)

Yes, you are quite right. The yarn is being carried from stripe to stripe on the knit-side of the tube. Since that is the right side we must stop this happening, and this is how to do it.

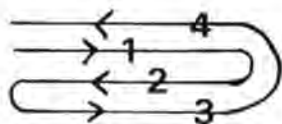
### Avoiding "floats"

First, change back to the first yarn. Now break off the contrast yarn and put the end in the yarn clip. Knit 6 rows. The first yarn is attached to the last needle on the right on the back bed. The second yarn will start knitting on the front bed, and after 2 rows will pass inside the first yarn unless we prevent that happening. That is why we had long threads on the right side. Before knitting with the second yarn, hook it into the end needle at the right on the front bed. Then knit 2 rows. Now hook the first yarn into the last right-hand back bed needle, and knit another 2 rows. Change to the first yarn. Knit 2 rows. It is possible, at this point to keep hooking the second yarn in, but we have to knit to 060, so it will be quicker to pull down a loop of the second yarn and put it in the clip. The ends will be on the right side, but it is quicker to bring them on to the wrong side using a bodkin, and to fasten them off, than to hook in the yarn every 2 rows. It is very important to make good joins between the beds when colour-changing.

### Half-tubular knitting

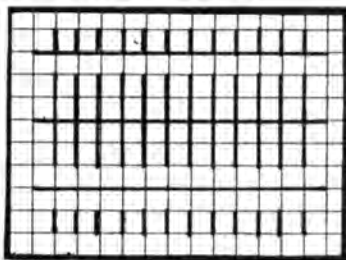
Now, let us try some half-tubular knitting, open at the left as it will be in the poncho. First of all, change to the second yarn. Set the locks to GX/GX and make a free move to the left. Unclip the yarn you are going to use. It is lying across the knitting and we do not want that. Be careful not to lose the end. Pull this down between the beds to the left of the knitting and re-clip it underneath the beds. Bring pushers out of the blocking rail under all the needles in work on the front bed. Duomatic 80 and Duomatic 5 knitters do the same for the back bed. All of you are going to make the beds knit the groups of 4 rows according to Diagram 3.

Diagram 3



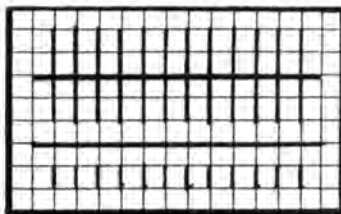
To do this set your pushers and locks according to Diagram 4 and 5 depending on which machine you are using.

Diagram 4 (Duomatic 80/5)



BX ← / BX ←

Diagram 5 (Duomatic S)



Back lock 1 row N      Front lock BX ←  
2 rows GX  
1 row N

I will run through the settings and show you what happens.

### Duomatic 80, Duomatic 5

Both locks are set to BX with the left arrow keys pushed in: that is BX ← / BX ←. Setting the arrow keys in this way means that they will change the position of the pushers when the locks are moved from right to left and leave them in the new position for 2 rows. Therefore, when the first row of our Diagram 3 rows is knitted the pushers will work as they are set in Diagram 4. That is the back bed will knit and the front bed will slip. When you knit rows 2 and 3, starting at the right, the pushers will have their positions changed so that the front bed ones will be in working position and the back bed ones in rest position. Therefore rows 2 and 3 will be knitted on the front bed and the back bed will slip. As you begin to knit row 4 the pushers will change again, back to the position shown in Diagram 4, so row 4 will be like row 1, and then the 4-row sequence will start again. Thus, for you, half-tubular stocking stitch knitting is completely automatic.

### Duomatic S

The operation of the front bed is exactly the same as for the other machines, with the bed knitting on rows 2 and 3 when the pushers are in working position, and slipping on

rows 1 and 4 when they are in rest position. The back bed depends on lock changing, which you will do every time the locks are at the right. Set the lock to N/BX ← and knit 1 row. Change the back lock only to GX, and knit 2 rows. Change the back lock to N and knit the 4th row. The result is the same, but there is a little more work to do!

I suggest that you all knit about 20 rows (10 on each bed) in half-tubular knitting, then, in a moment, we will knit the poncho.

### Understanding locks and arrow keys.

There are several more things to tell you about half-tubular knitting. Firstly, it can be open at the right. You will find the setting for this in your instruction book. You may also find slightly different instructions for half-tubular open at the left from the ones I have given you. That is because they are starting from the right — the closed end — and I think it is better to start at the open end if the knitting is plain.

If it is striped then you must start at the colour changer end wherever the opening is. It all comes back to the same thing. If you thoroughly understand the relationship between lock-setting pushers and arrow keys you have freedom of choice according to the circumstances. You may wonder why I chose to open the work at the left. This is because I felt that the centre decreasing line (at the left) without ends to be darned in, however carefully this is done, would be nicer than the one on the right. We could, of course, aim to make that darning in so neat that no one could tell the difference without looking inside!

### GIRL'S PONCHO

#### SIZES

To fit approximately a 6-8 year old, 66 cm, 26 inch chest.

#### MACHINES

Any Duomatic knitting machine.

#### MATERIALS

4 ply acrylic yarn. Red 150 grams approximately. Green 50 grams approximately.

#### TENSION

100 stitches measured 34 cms, 100 rows measured 25 cms knitting in stocking stitch using stitch size 6 1/4.

#### TO KNIT

The handle is up. The black strippers



are used. The lock setting is CX/CX. Over the width of the whole needlebed arrange needles of both beds according to diagram 1. Using stitch size 1 and red yarn, knit 2 rows. Bring all the intermediate needles on both beds into working position. Change the stitch size to 6¼. Set the row counter to 000. Knit until the row counter reads 006. Using the yellow tool (2-pronged) decrease 1 stitch at both ends of both beds. That is, decrease 4 stitches altogether.

**NOTE:** This is fully-fashioned decreasing. That is to say, the 2 stitches which are to be knitted together on the next 2 rows (1 on each bed) are not on the edges of the knitting, but 1 stitch in from the edge. Any multi-pronged tool can be used for fully fashioned decreasing. If you are not sure how to use your tool consult your instruction book.

Now knit until the row counter reads 010 and decrease again in the same way. The decreasing continues in this way, every time the row counter figures end in 6 or 0 until it reads 240. AT THE SAME TIME when the row counter reads 030 make the first green stripe of 4 rows (2 on each bed) remembering to hook the red yarn in as already described. Make further stripes in the same way when the row counter reads 060, 090, 120, 150, 180, 210. 48 stitches have been decreased at both ends of both beds. There are now 83 stitches on both beds.

### Half-tubular Yoke

Change to green yarn. Change the lock setting to GX/GX. Make a free move to the left. Remove the end of the yarn from the clip and pull it down between the beds and re-clip, as already described. Arrange pushers and lock settings for half-tubular knitting according to diagram 4 or diagram 5, and work in green yarn as described. Set the row counter to 000. AT THE SAME TIME decrease 1 stitch at the right on both beds every 2nd row and 1 stitch at the left on both beds every 4th row. Continue decreasing in this way until 12 stitches have been decreased on each bed at the left and 24 stitches at the right. The row counter reads 048. Knit 4 more rows. Locks left. Break off the green yarn, returning the eyelet to the holder manually. Take the red eyelet from the holder and place it in the jaws of the lock pulling down the end of the yarn between the beds and clipping it. Be careful to see that the

eyelet is correctly held by the jaws or your lovely knitting will land at your feet! Set the row counter to 000.

### Collar

Knit straight until the row counter reads 060. Using stitch size 7¼, knit 2 rows. This is the fold line of the collar. Using stitch size 6¼, knit until the row counter reads 122. Break off red yarn. Change to waste yarn. Knit 12 rows. Release the work from the machine.

### Fringe and Braid Edging

This is knitted in green yarn in racked Fisherman's rib. The number of needles left in non-working position between the two braided edgings determines how long the fringe is. The 2 needles in working position in the centre of both beds prevent the long strands of fringe catching as you knit. Two lengths of fringe are knitted at the same time. The central knitted stitches form a guide to cutting the fringe when the knitting is finished.

The handle is down. The orange strippers are used. The lock setting is N/N. Arrange needles of both beds according to Diagram 6.

Cast on by racking. That is, rack 1 complete turn to the left. Using stitch size 4¾ knit 1 row. Rack 1 complete turn to the right. Knit 1 row. Set the row counter to 000. Change the lock setting to EX/EX. Pass a piece of

strong yarn or a nylon cord up between the beds and across the 4 central stitches and through between the beds again. Tie into a loop and hang a small weight. \*Knit 2 rows. Rack 1 complete turn to the left. Knit 2 rows. Rack 1 complete turn to the right.\* Repeat from \* to \* until the row counter reads 800. Change to waste yarn and lock setting N/N and release on waste knitting.

**NOTE:** If you have to stop knitting during the making of the fringe do so with the locks at the left. You will then know that, after knitting 1 row, you must rack again.

### TO MAKE UP

Hem the collar to the inside through the open loops and remove the waste knitting. Tack the open edges of the collar together. Press the whole garment lightly. Make a row of double crochet along the edges of the collar joining them together, round the front opening and along the other collar edges. Make 2 crocheted buttonholes on the right edge and sew on 2 buttons to match. It helps, when cutting the fringe to have someone holding it taut. Cut twice down the entire length, remove the centre 4 stitches. Pin and tack it round the bottom of the poncho, easing it round the points and joining in the centre of each side. Unravel any spare fringe and carefully secure the open loops.

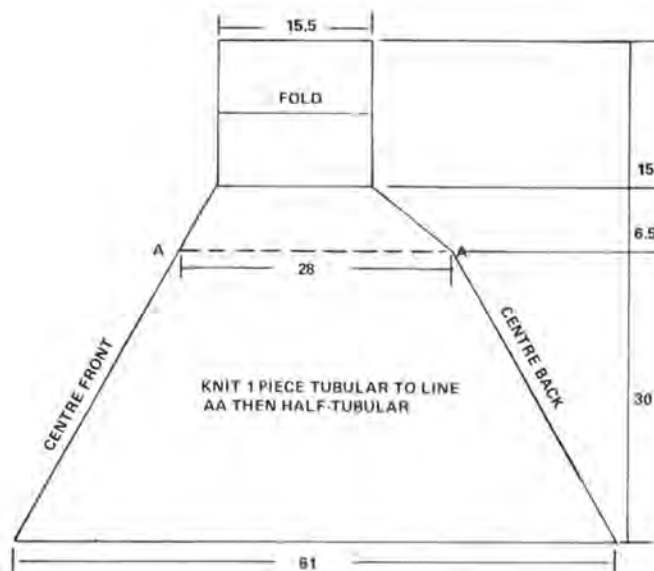
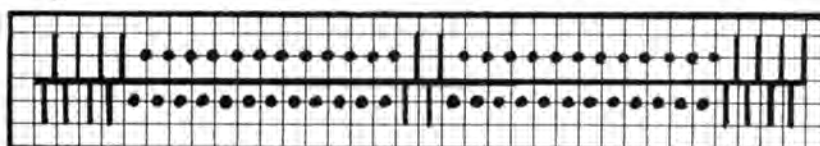


Diagram 6



EX/EX  
2 rows  
2 rows



Carol Barnard is Technical Consultant to SWISSKNITTER. She also contributes this regular feature on stitches she has developed or adapted specially for Duomatic knitting.

The stitch I have chosen for this issue is a tuck stitch with the addition of a single rib stitch on the back bed. I have used it a lot for summer cardigans and camisoles because it is a thin light weight fabric with the stability of a rib.

I have used 2 ply cotton in my sample. Some cotton yarns are difficult to use on rib type formations as the cotton fibres do not have much stretch. However, combination stitches such as this one, which do not have many stitches on the back bed, allow you to use cotton yarn to its best advantage.

### Just right for parties

Of course by now you will be knitting your winter woollies, but do not delay trying this stitch till next summer. It is beautiful knitted in two strands of fine industrial yarn with a metallic thread added to it. Just the thing for evening tops. You could try an angora mix, or mohair yarn, mixing fine yarns in different colours to give an interesting effect.

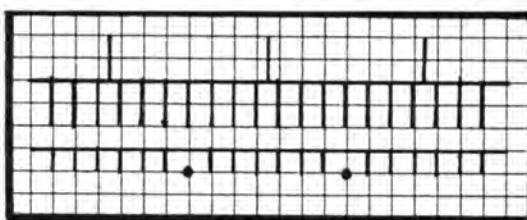
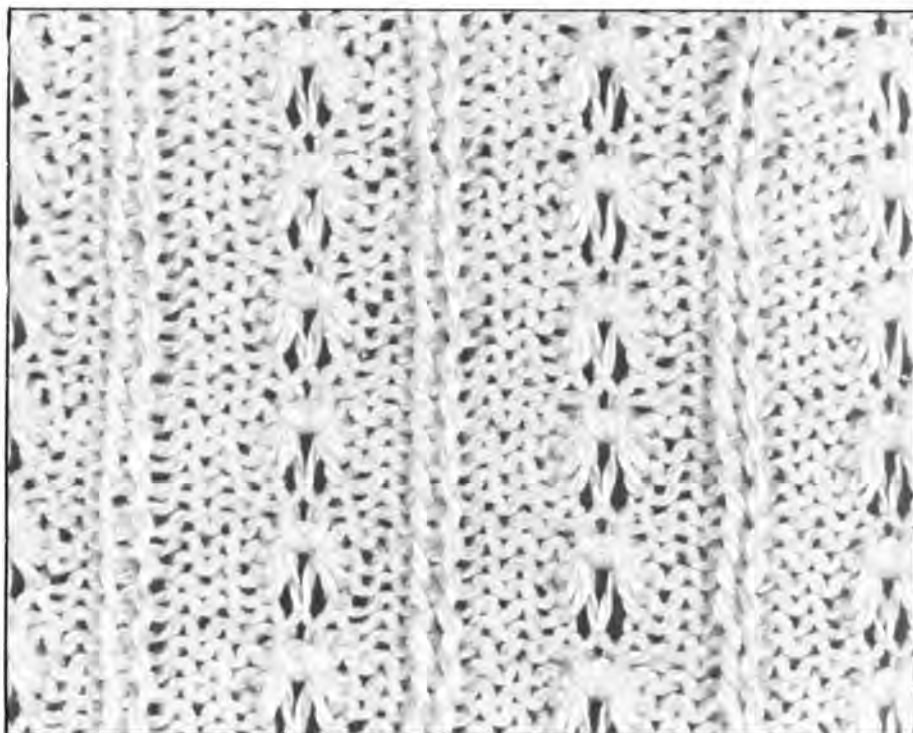
I would advise against the use of slub yarn, however, as the 4 rows of tuck stitch on the front bed would be too much. If your yarn is just a little "bobbly" you could try 2 rows of AX instead of 4, but, of course, the tuck stitch will not be so pronounced.

There have been a number of enquiries about casting on for some of the stitches used in the Stitch Shop, so I will give you some help with this one.

### Good beginnings and endings

There are two ways of casting on for this fabric. First of all, you could make a single bed cast on if you wish to turn up a hem at the bottom of the garment. After knitting the hem you would arrange the back bed needles according to the diagram putting a purl loop from the

## A TUCK AND RIB COMBINATION STITCH



2 Rows CX/N

4 Rows CX/AX

nearest front bed stitch on each one to avoid making holes. If you prefer a rib at the bottom of the garment, use 1 x 1 rib, and when you have finished knitting it transfer all the stitches to the front bed, picking up loops to fill the required back bed needles. Continue with the pattern, not forgetting to change the strippers.

Lastly, you will find that if you cast off neatly with the crochet edge method, the edge forms itself into neat scallops, ideal for the bottom of skirts if you knit from the waist down. You will have discovered

by now that I am a great believer in letting the machine and the yarn work together to govern the end result. You may also have noticed that I do not like hems on knitted garments!

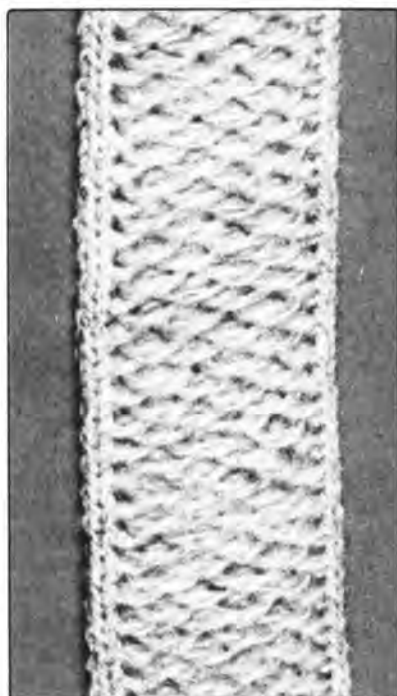
To knit the stitch the handle is down and the black strippers are used. The stitch size should be suitable for single bed stocking stitch on the front bed and about half that size on the back. I used 2<sup>3</sup>/<sub>4</sub>/5 for my 2 ply cotton. The lock setting is 2 rows CX/N, 4 rows CX/AX. The needle arrangement is shown in the diagram.

**We very much regret that due to rising publishing and printing costs we are ceasing the publication of SWISSKNITTER with this issue. We thank subscribers for their support over the past year and hope that circumstances in the not too distant future may provide a more favourable climate for a magazine devoted solely to Pfaff and Passap machines.**

# MRS FORBES' EDGINGS

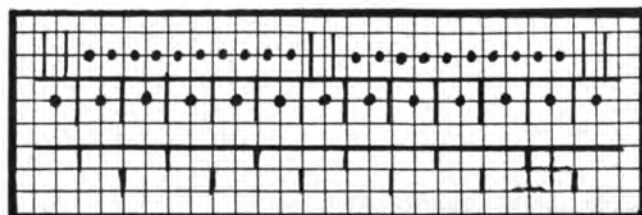
Mrs Joan H. Forbes was a runner up in the competition we ran in the first issue of "Swissknitter" in which readers were asked to design and knit 3 original braids or edgings. Joan, who lives in Tilehurst, Reading, Berkshire, knitted her entries on a Passap Duomatic which she tells us is 14 years old and still going strong.

## A. SLIP STITCH BRAID FOR EDGING



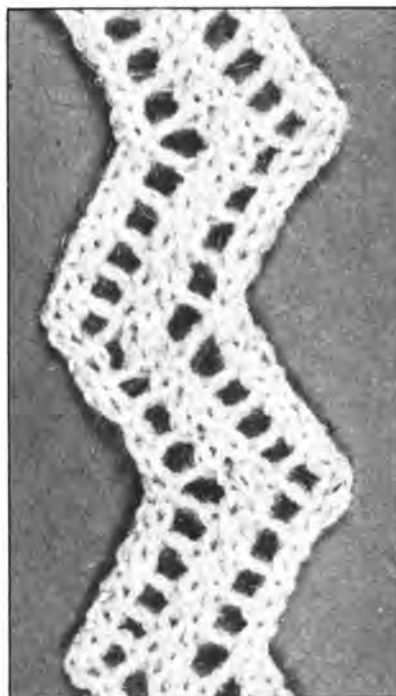
The yarn used was a soft 4 ply acrylic/nylon yarn. Over the width of 28 front bed needles, arrange 14 needles of both beds for 1 x 1 rib. Using stitch size 4, cast on by racking. Hang a nylon cord (obtainable from many machine knitting dealers) over the work and between the beds, then transfer stitches according to the needle diagram.

Arrange the pushers as shown in the diagram. The lock setting is N/BX with both front arrow keys pushed in. The handle is down, the black strippers are used. The stitch sizes are 4½ on the back bed, 5¼ on the front bed. Pull down gently on the nylon cord while knitting. This is a double edging, folding over in the centre. It would make very attractive cuffs or stand-up collar. The width can be adjusted as desired.



N/BX ↔

## B. ZIG-ZAG BRAID FOR SURFACE DECORATION



The yarn used was a soft 4 ply acrylic/nylon yarn. Over the width of 8 front bed needles arrange 4 needles of both beds for 1 x 1 rib. Using stitch size 4 cast on by racking. Hang a nylon cord across the stitches and down between the beds. Transfer all stitches to the front bed. The black strippers are used. The lock setting is GX/N. Set the edge springs as shown in needle diagram 1 to act as markers. Using stitch size 6 knit 1 row, pulling down gently on the cord while knitting. Set the row counter to 000. \*Lock at left. Using the yellow tool, transfer stitches 1 and 2 to needles 2 and 3 and stitches 7 and 8 to needles 8 and 9. Put the empty needle at the left into non-working position. Leave needles 4 and 7 in working position. Knit 2 rows.\* Work from \* to \* 5 times in all.

Row counter 010. The stitches will be placed according to diagram 2. The numbering of the stitches is now reversed according to diagram 3. Work from \* to \* 5 times when the stitches will be back in the starting position. Row counter 020. These 20 rows form the pattern.

Diagram 1

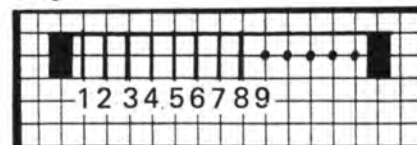


Diagram 2

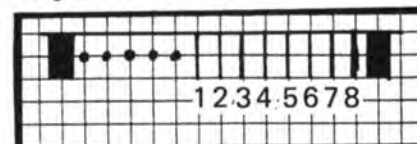
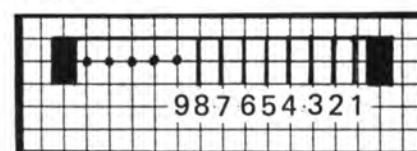


Diagram 3 GX/N



■ = End spring

(continued on page 19)

## YARN TYPES

S601 Industrial poodle 2 ends and 2 ply crochet cotton.

S602 4 ply acrylic.

S603 4 ply Shetland wool

S604 4 ply acrylic

S605 Industrial 2/30s acrylic 2 ends, and bright acrylic 2 ends.

S606 2 ply wool and nylon used double, and 4 ply wool (small quantity).

Letters

# Katy's Knit Chat

**Thankyou to all of you who have written to me over the last year.**

I have an S O S on my desk from Mrs V.W. Liell of Southend-on-Sea. She writes..

"I am a visually incapacitated pensioner, and have bought myself a secondhand Pink Passap, and I have had a 4 colour-changer put on it. I love it, but my real problem is that I cannot get WRITTEN patterns, only the diagram type.

The printing on those is too small for me to read, and I find them a bit confusing too. Is there anywhere I can get secondhand or new copies of written patterns for my machine? I do not mind how simple they are, in fact, the more basic the better — just straight forward adult, children's and babies' patterns. I only knit for my family.

I really look forward to my copy of SWISSKNITTER, and appreciate the helpful hints for beginners, and the patterns.

Perhaps there are other handicapped readers with their own particular problems. If so, I hope my letter will encourage them to come forward and ask for help."

My colleague, Betty, has written to Mrs Liell with some suggestions about pattern books. If anyone has any for the Duomatic 5 and does not need them any more, we shall be pleased to pass them on to Mrs Liell.

Now here IS something to help Mrs Liell. Mrs Pat Tharp of Dorchester has sent us a very quick and easy pattern for a baby suit. If you have a new baby in the family you might like to knit it for Christmas. It fits babies up to 3 months old.

Mrs Tharp says..

"When my young grandson arrived on the scene, it was very cold, and I wanted to knit him a warm suit. Have you ever noticed that with suits the coats and sweaters are usually very thick and warm, but the trousers are generally in single material, and if you lift the baby out then their legs would get cold? I wanted something warm

top and bottom for Samuel, and also something quick to knit, and I have come up with a pattern that is so easy to make that even a beginner can do it. As long as you can cast on, cast off and transfer to 1 x 1 rib this pattern is for you.

## Stretchy and Warm

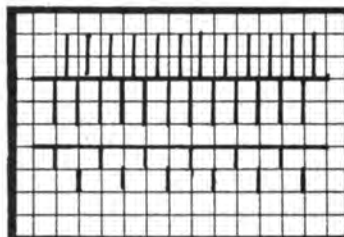
You will notice that I have made the trousers in Knit/knit rib, decreasing at the ankle into 1 x 1 rib which pull the trousers in. You can leave the ankle rib as it is or turn it over and catch it down. They are very warm, and being Knit/knit, do not cling to the baby, and also they give over nappies. The sweater uses a BX pattern which is very warm too, and with the slash neck is easy to put on.

The trousers can be made bigger to fit a 6-12 months baby by casting on 66 stitches on both beds and knitting 150 rows before transferring to 1 x 1 rib."

Thank you, Mrs Tharp, and here is the pattern:

The materials used are 2 strands of 2/30 industrial acrylic yarn approximately 100 grams.

The tension is Knit/knit, 100 stitches measures 37.5 cm (count front bed stitches only), 100 rows measures 25 cm. The BX pattern shown in the diagram below.



N/BX ←

100 stitches (front bed) measures 37.5 cm, 100 rows measures 15.5 cm. The stitch size used was 4 on the pink machine (Duomatic 5) so 4½ would be needed on the Duomatic 80 and Duomatic S. The stitch size for 1 x 1 rib is 2(2¼).

## TO KNIT

### TROUSERS

Start knitting at the waist. The handle is down. Orange strippers are used. The lock setting is N/N. Arrange 62 needles on both beds for Knit/knit. Using stitch size 4(4½) cast on and knit 110 rows.

(continued on page 18)



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# CHRISTMAS GIFTS



When you receive this copy of *Swissknitter* the news media will already be on their "countdown to Christmas" — "Only X shopping days", they will be saying! Only X knitting days, too! How about starting *now* and making a present for every member of the family. Here are a few ideas. Nothing complicated, because you are sure to have more to do than time to do it in!

How about giving Grannie a new hot water bottle with a knitted cover? Perhaps some bedsocks too. Here are the patterns.

## HOT WATER BOTTLE COVER

### MATERIALS

Approximately 20 grams 4 ply acrylic yarn.

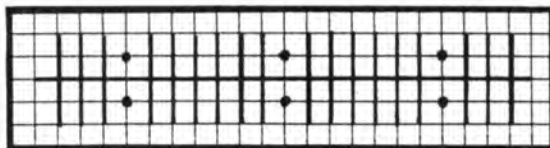
### TO KNIT

Handle up. Over the width of 63 front bed needles arrange needles of both beds according to diagram 1.

Handle down. Orange strippers. Lock setting N/N. Stitch size 2½. Knit 1 row. Change lock setting to CX/CX. Stitch size 3½. Knit 2 rows. Handle up. Black strippers. Stitch size 4¼. Knit 2 rows. Stitch size 5. Row counter 000. Knit until row counter reads 310. Bring intermediate empty needles on both beds to working position. Knit until row counter reads 324. Stitch size 8. Knit 2 rows. Cast off separately on both beds by crochet method. Make cord to thread through top row of holes. Finish off ends. Press top to eliminate curling. If desired finish off with crochet edging.



Diagram 1



CX/CX

## BED SOCKS



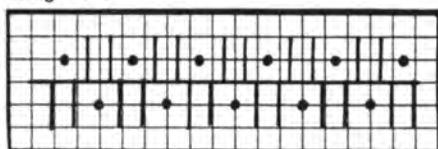
### MATERIALS

Approximately 30 to 40 grams 4 ply acrylic yarn.

### TO KNIT (2 alike)

Handle down. Orange strippers. Over the width of 60 front bed needles arrange needle of both beds according to diagram 2.

Diagram 2



N/N

Note position of end needles. Lock setting N/N. Rack 1 whole turn to the left for cast on. Stitch size 1½. Knit 1 row. Lock setting CX/CX. Stitch size 5. Knit 2 rows. Rack 1 whole turn to the right. Lock setting N/N. Knit 1 row.

Row counter 000. Knit in rib until row counter reads 200. Transfer all back bed stitches to intermediate needles in non-working position on front bed — 2 stitches to each needle — 58 needles have stitches on. Change to black strippers. Lock setting GX/N. Stitch size 6. Knit 2 rows. Bring pushers out of the blocking rail under all needles in working position. Put right half into rest position, left half into working position. Lock setting GX/BX. Change to waste yarn. Knit 8 rows. (Stitches on left knit). Remove stitches on left from the needlebed. Fold left side round to face right side.

Place 29 stitches from waste yarn on to back bed needles opposite front bed stitches. Change to main yarn. Lock setting CX/CX. Handle up. Decrease 1 stitch at both ends of both beds using the two-pronged tool on the next row and every following 4th row 10 times in all. Stitch size 8. Knit 2 rows. Change to waste yarn. Stitch

size 6. Knit 12 rows. Release from the machine, leaving about 18 inches main yarn.

### TO MAKE UP

Turn the sock inside out. Fold the toe together with the waste yarn tucked inside. Crochet the two sides together through the loops of the last row of main yarn, or graft if preferred. Remove the waste yarn. Turn to the right side. Mattress stitch the side seam.

### Mittens, Hats, Leg-warmers in 3 sizes.

I promised you, with the hat and legwarmers (Beginner's Pattern, Issue 3) a poncho and mittens to match. I have given you the poncho in this issue, and here are the mittens, in three sizes, together with instructions for increasing the size of the hat and the legwarmers. This will help you to give mittens and hat to any member of the family, and legwarmers too!



### MITTENS

#### MATERIALS

Approximately 20 to 25 grams 4 ply acrylic yarn in main colour (red) and a very small amount in contrast colour (green).

#### TO KNIT (2 alike, but reversing position of thumb)

##### Right Mitten First

Handle down. Orange strippers. Over the width of 31(35, 39) front bed

needles arrange needles of both beds in Knit/knit position. Lock setting N/N. Stitch size 1½. Knit 1 row. Lock setting CX/CX. Stitch size 3. Knit 2 rows. Change to N/N. Stitch size 3¾. Knit 1 row. Set row counter to 000. Knit 24(30, 36) rows. Change lock setting to N/EX. Set row counter to 000. The colour-changing sequence is 12 rows red, 2 rows green. Stitch size 4¼. Maintain this throughout. AT THE SAME TIME, knit 14(22, 30) rows to base of thumb. At left (2nd mitten at the right) take off a total of 14(16, 18) stitches from both beds on to a spare length of contrasting yarn. Thread the stitches on to the yarn, or, if you prefer use 1 Decker comb for each bed, though the Decker combs are rather heavy for so few stitches. Push these stitches down between the beds. Continue knitting, casting on again immediately on the needles at the left (right). Knit in pattern until the row counter reads 70(92, 114).

#### Divide for Top

Put stitches of left half into holding position by knitting down on front bed. On back bed if you have pushers use them in rest position on left half, working position on right half, and locks BX/EX. Without back bed pushers hold stitches by knitting down.

#### Shape Top

Decrease 1 stitch at both ends on the next and every following alternate row 9(10, 11) times in all. In this case

decrease only the end stitches whichever bed they are on. Total stitches decreased 9(10, 11) at each end. Total stitches remaining 13(15, 17). Locks N/N. Stitch size 7. Knit 1 row. Cast off by crochet method. Work left half to match.

#### Thumb

Hold mitten with thumb at left and wrong side of work facing. Put 14(16, 18) stitches at base of thumb on the machine in Knit/knit position.

From "fat" stitches above cast on pick up left side and put on front bed and right side and put on back bed in the Knit/knit position. This is very important, it keeps the continuity of the "fat" stitches. Pick up only 12(14, 16) stitches in this way — the edge will then match for seaming. Take a loop from between the 14th and 15th (16th and 17th, 18th and 19th) stitches from the left, twist it and put it on the 15th(17th, 19th) needle (back bed). This prevents a hole at the base of the thumb.

Continuing in pattern knit 36(42, 50) rows.

Transfer stitches to give alternate stitch 1 x 1 rib. Change locks to N/N. Stitch size 3¾. Knit 2 rows. Break off yarn leaving about 18 inches. Taking off stitch at left first, thread all stitches on to yarn.

### TO MAKE UP

Pull up top of thumb, fasten securely inside, then use yarn to seam side of thumb. Sew up side seams and round the top matching stripes.

(continued on page 16)



## HAT

For knitting instructions see Issue 3, page 13.

## MATERIALS

Approximately 50 to 70 grams 4 ply acrylic yarn main colour and a small amount of contrast colour.

An increase over 9 front bed stitches measures 5 cm in English rib (Knit/knit needle arrangement). An increase of 10 rows Knit/knit measures 2 cm.

An increase of 14 rows English rib measures 2 cm. (Knit/knit needle arrangement).

The figures given are to fit 50(55, 60, 65) cm head measurement.

Over the width of 88(97, 106, 115) front bed needles cast on for Knit/knit.

Knit 60(70, 80, 90) rows in Knit/knit. Knit 56(70, 76, 84) rows in English rib still in Knit/knit arrangement. Arrange for English rib in 1 x 1 needle arrangement. Knit 12(14, 14, 16) rows at stitch size  $4\frac{1}{4}$ ; 12(14, 14, 16) rows at stitch size 4; 12(12, 14, 14) rows at stitch size  $3\frac{3}{4}$ ; 12(12, 14, 14) rows at stitch size  $3\frac{1}{2}$ . Break off leaving sufficient yarn to thread stitches, pull up, fasten off and sew seam.

## LEG WARMERS

For knitting instructions see Issue 3, page 12.

The adjustments on length and width are the same as for the hat.

## MATERIALS

Approximately 100(120, 140, 160) grams 4 ply acrylic yarn in main colour, a small amount in a contrasting colour.

Over the width of 35(39, 43, 47) front bed needles cast on for Knit/knit. Knit 30(36, 42, 48) rows in Knit/knit. Row counter 000. Change to English rib, and 14 row stripe pattern. Increase 1 stitch on both beds at both ends on 14th and every following 14th row 9(9, 10, 11) times in all. The work now extends over 53(57, 63, 69) front bed needles. Knit straight in pattern until row counter reads 138(152, 166, 180). Row counter 000. Change to

Knit/knit. Knit until row counter reads 060(072, 084, 096). Cast off loosely.



This pattern of a quick overtop is based on the Lady's Waistcoat featured as a Beginner's Pattern in Issue 2.

### *An Apology*

With it comes my apology for incorrect tension piece measurements and therefore, stitch numbers for the waistcoat, and my thanks to Mrs Joan Crabtree of Harrogate for pointing out the error. Care to guess what happened? I knitted 100 rows of Fisherman's rib because even that is a short bit of knitting and I only used 50 front bed needles and forgot to double the width measurement. Sorry! And I told you to double your measurement too!

For each half of the waistcoat you should cast on over the width of 42(45, 49, 52, 55) front bed needles. Otherwise the instructions are as given in Issue 2, page 16.

## OVERTOP

This takes the same amount of yarn and is knitted in exactly the same way except that there is no centre front opening until the neckline, or centre back seam. It is knitted in one piece. The left half is put into holding position, while the over-shoulder section is knitted on the right half. Then the right half goes into holding position and the left half is knitted. Then you will knit right across the width to the bottom of the back waist and cast off. If you wish to edge the neck and armholes you could do so with double crochet in either a self-coloured or contrast yarn.

## TO KNIT

Over the width of 84(90, 94, 98, 104, 110) front bed needles cast on for Knit/knit. Work as instructed for the

(continued on page 19)





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Transfer stitches along both beds to give alternate needle 1 x 1 setting. Handle up. Stitch size 2(2/4), knit 20 rows. Double the stitch size. Knit 1 row. Cast off in rib. Knit another leg to match.

### TO MAKE UP

Seam trousers together down centre back and centre front, starting at the waist and finishing just over halfway down. Turn the work so that the seams lie one above the other. Sew up both legs. Thread elastic through the top. There is no need for special holes.

### SWEATER (Back and Front alike)

Handle up. Orange strippers are used. Over the width of 62 front bed needles, arrange the needles of both beds for 1 x 1 rib. Cast on and knit 18 rows of 1 x 1 rib, using stitch size 2(2/4). Bring the empty intermediate needles of both beds into working position. Handle down. Lock setting N/BX ←. Bring pushers out of the blocking rail under all front bed stitches. Arrange them according to the diagram. Using stitch size 4(4 1/2) knit 122 rows. Arrange the stitches for 1 x 1 rib. Handle up. Knit 16 rows using stitch size 2(2/4). Cast off as before.

### SLEEVES (Knit 2 alike)

Cast on for 1 x 1 rib over the width of 32 front bed needles. Knit 18 rows. Arrange needles and pushers for BX pattern as before. Handle down. Lock setting N/BX ←. \*Knit 14 rows. Increase 1 stitch at both ends of both beds.\* Knit from \* to \* 4 times in all. There are 40 stitches on each bed.

Knit 14 rows. Row counter 070. Transfer all stitches to the front bed, Knit 1 row using stitch size 5(5 1/2). Cast off loosely.

### TO MAKE UP

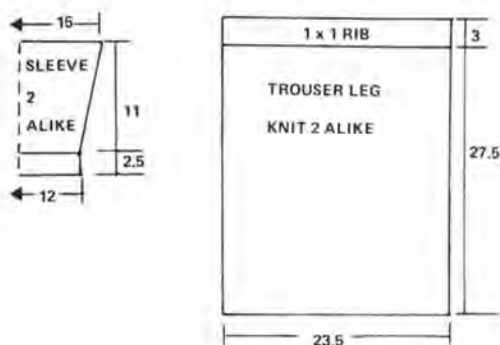
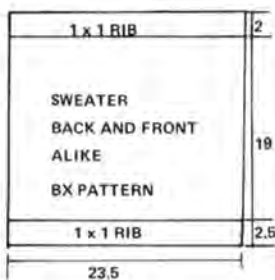
Fold sleeves in half lengthwise. Seam one half to top of back and the other to top of front. Sew up underarm and sleeve seams. Sew press studs on to rib at neck about one inch from sleeve top. The back bed side of the fabric is the right side.

Betty has knitted this to show you what it is like (see photograph). We think many of you will want to knit this suit. It is so easy and looks very attractive. Thank you very much Mrs Tharp.

Now we have a letter from Mrs Vivien Norman of North Curry, Taunton. She comments on the letter in Issue 5, recommending putting a memory-jogging check list on the yarn mast. Mrs Norman writes ...

"I go one further. I have had for some time a little list for the Form Computer and

### KATY'S KNIT CHAT (continued from page 12)



the U80 because I find difficulty remembering things and the symbols on the Computer don't mean much to me! For the U80 it's much quicker to look at a card than the book."

Here are Mrs Norman's two lists, which other readers might like to copy and use:

### FORM COMPUTER Auxilliary Keys

**Key 2** — Press to display number of rows knitted.

**Key 3** — One row forward.

**Key 5** — Undoing knitted rows. Press when finished. Enter number of rows unravelled then press Key E.

**Key 9** — Press if same part is to be repeated.

**GO** — If part is to be mirrored press GO then 6.

### Flashing Figures

**1** — Cast on. Alternates with number of stitches.

**2** — Transition from border, welts, etc.

**3** — Divide the work.

**4** — 1st half knitted. Press GO for 2nd half.

**5** — The piece is finished.

**ERR 1** — Unacceptable figure entered. Press C and enter correct figure.

**EER 2** — Wrong number of rows entered after unravelling.

**ERR 3** — Wrong measurement entered.

### U80

**1** — is for Purl and Knit combination patterns.

**2** — is for transferring from stocking stitch to 1 x 1 rib.

**3** — is for garter stitch.

**4** — is for lace patterns and transferring rib to stocking stitch.

**5** — is for raised patterns.

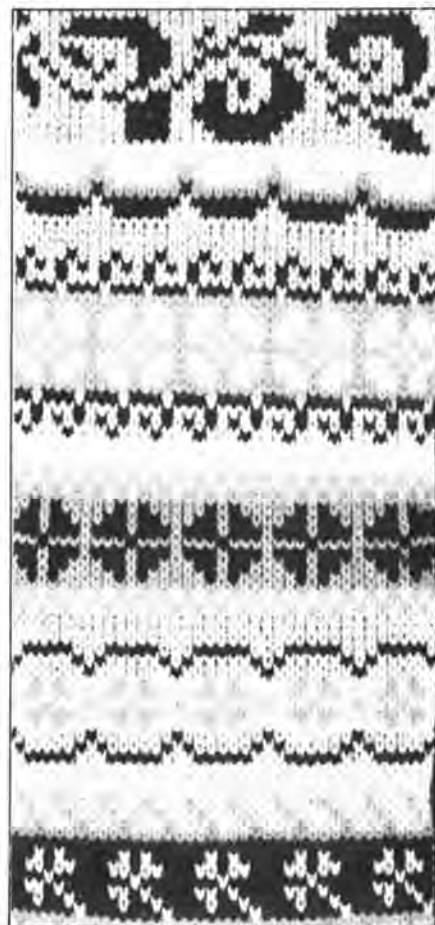
Back Bed to Front Bed. 1st needle on left →

Front Bed to Back Bed. 1st needle on right ←

Edge Springs to ends of Needle Beds. Racking Handle to 9 o'clock or slightly lower. Pushers in Rest Position. U80 in Correct Setting. Tension 2 numbers higher on previous row.

Many thanks to Mrs Norman from all beginners with Form Computers and U80's. I should think the manufacturers of BLU TAK and the like will be grateful too, with all the postcards which will be stuck on yarn masts!

Lastly, I have a lovely sample of Fair Isle knitted by my old friend Mrs Lydia Field of St. Ives, Huntingdon photographed here.



(continued foot of page 19)

waistcoat until the Knit/knit welt and 116(120, 124, 126, 130, 134) rows of Fisherman's rib have been knitted. Put the left half into holding position. Set row counter to 000. Continue knitting on the right half until the row counter reads 230(236, 244, 254, 260, 266). Set the row counter to 000. Put right side into holding position. Knit left side to match. Break off yarn. Bring right side back into work. Set the row counter to 000. Knit 116(120, 124, 126, 130, 134) rows right across the work. Change to Knit/knit and knit welt as before. Cast off.

#### TO MAKE UP

Sew underarm seams. Edge neck and armholes if required.

**NOTE:** This type of overtop can be made in any stitch you wish to use. If you choose one which will hold on the pushers of both beds time will be saved (no knitting down to do!). It is worth while to knit in one or two rows of waste yarn on the held stitches if you are using black strippers.

#### KATY'S KNIT CHAT

(continued from page 18)

It was knitted using a Deco card copied from a hand knit pattern with an 8 stitch repeat. The yarn is 2 strands of 2/30s industrial acrylic, and the fabric is washed after knitting. Instead of the usual setting for double bed Fair Isle, Mrs Field uses N/HX ← with pushers on the front bed only and the Deco selector dial set to 4. The stitch sizes need to be tested. In the sample they are 3½/4½. The effect of this setting is to give 1 complete row of pattern with 2 rows of both colours on the back. You might care to try HX on the back lock too, then you would be knitting Fair Isle Long Stitch.

*Katy*

**Why not share your ideas and tips on Duomatic knitting with other readers. Send them to the publishing address on page 6, and all those printed will win a year's free subscription to WORLD OF KNITTING**

## Laugh with GROCK

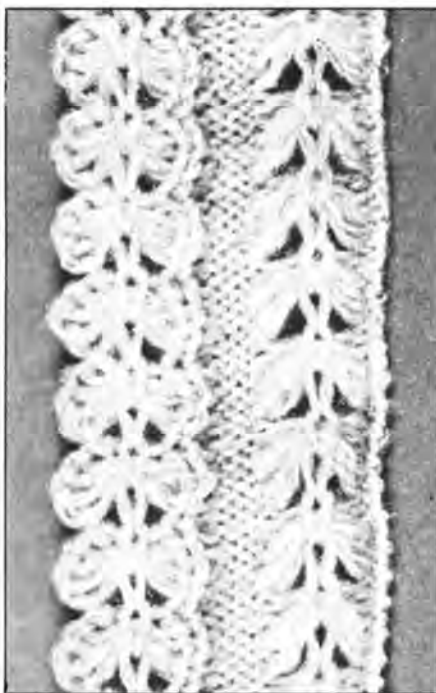


"Right viewers, I'll just run through the items you'll need to begin machine knitting."

#### MRS FORBES' EDGINGS

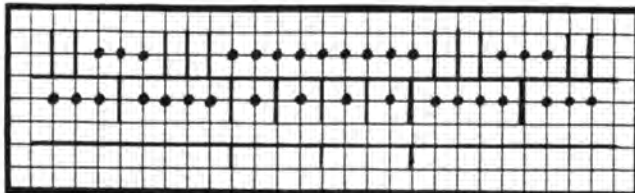
(continued from page 11)

#### C. TUCK STITCH BRAID FOR EDGING



The yarn used was a soft 4 ply acrylic/nylon yarn. Over the width of 24 front bed needles, arrange the needles of both beds for 1 x 1 rib. Using stitch size 3 cast on by the tubular method. Hang a nylon cord over the stitches and between the beds.

Transfer the stitches according to the needle diagram and arrange 3 pushers in working position as shown, leaving the remainder in the blocking rail. The handle is up. The black strippers are used. The lock setting is N/AX for 4 rows and N/N for 2 rows. Use stitch size 4 on the back bed and 4¾ on the front bed. Pull down gently on the nylon cord whilst knitting. This is a double edging folding over the centre.



4 rows N/AX  
2 rows N/N

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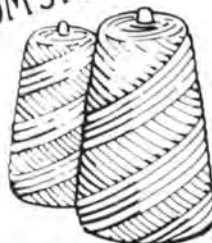
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# Lady's White Dress (with Black) — S60 I

Pictured on  
Front Cover

## SIZES

To fit à 86(91, 96) cm, 34(36, 38) inch bust, 91(96, 102) cm, 36(38, 40) inch hips.

## MACHINES

All Duomatic machines.

## MATERIALS

The original yarn was Pingouin Boucle (white) 500 grams and Pingouin No. 5 (black) 50 grams. For the white we recommend that you substitute Atkinsons Poodle No. 583 (Superwhite), and for the black 2/30s acrylic. Both substitute yarns are used two-fold, the original yarn is used single. Elastic for the waist unless a belt is knitted.

## TENSION

100 stitches measured 44 cm and 100 rows measured 26 cm knitting in stocking stitch using poodle yarn and knitting at stitch size 6½. This measurement was taken before blocking and pressing.

## NOTES

The knitting of the skirt is in two pieces starting with a tubular hem and a single bed Fair Isle border pattern knitted with hand selection of pushers. The diagrams for the pattern, and pusher selection for the pattern are Diagram 1a–d. After the completion of the border half the work is removed from the machine using Decker combs or waste knitting and transferred to the back bed to give a half-tubular setting so that decreasing can be worked on the edges and in the centre of each piece. Half-tubular knitting is automatic in machines with pushers on both beds. (Diagram 2). With the Duomatic S the pushers and lock of the front bed are set as in Diagram 2. The back lock setting is as follows:

Row 1 Right to Left N. Rows 2 and 3 GX. Row 4 Left to Right N.

Note that the back lock setting is always changed when locks are left. The bodice is the same back and front with reversed shaping. One piece is started left of the bed, and one right to leave room for increasing. This is because the bodice is knitted on the bias.

The Fair Isle panel on the bodice is knitted using Deco card 9b starting at

Row 4. If a Deco is not available substitute a pusher Fair Isle pattern.

The knit side is the right side of all pieces.

## TO KNIT

### BODICE PIECE 1

The handle is down. The black strippers are used. Starting at needle number 20 right of centre make a simple single bed cast on in waste yarn on the front bed over 90(96, 102) needles. Knit 6 rows. Change to white yarn. Using stitch size 6½ knit 6 rows on these needles. Repeat this cast on and the 6 rows of waste knitting in the same position on the back bed. Change to white yarn. With lock setting GX/GX make a free move to the left. Knit 6 rows in white starting at the left. Change the locks to N/N. Using orange strippers and stitch size 3½ knit 1 row. Transfer all stitches to the front bed. Change to black strippers and stitch size 6½. Change the lock setting to GX/BX. Set the row counter to 000.

### First part of Short-row Knitting Section (Graduations)

All sizes alike. Bring pushers out of the blocking rail under all stitches. Bring an extra 27 pushers out of the rail at the right. All pushers are in rest position except the 2 under the last two stitches knitted at the right and under 1 needle immediately to the right of them. (3 pushers in working position) knit 2 rows. \*Bring the next 2 pushers at the left and the next 1 at the right to working position. Knit 2 rows.\* Repeat from \* to \* until the row counter reads 054. All pushers at the right are in working position, and also 54 at the left of the starting position, Needle 20 right of centre. The first part of the graduation section is now complete. There are 36(42, 48) pushers still in rest position at the left. Set the row counter to 000.

### Continuation of Graduations at Left Armhole Shaping at Right

The knitting continues with 2 rows black, 34(40, 46) rows white. Continue making graduations at the left, as in the first section. AT THE SAME TIME shape the armhole at the right as follows. Knit 2 rows. Decrease 1

stitch on the next and every following 3rd row 4(6, 8) times in all, returning pushers to the blocking rail. Row counter reads 012(018, 024). Bring 11 pushers out of the blocking rail into rest position at the right. Knit 2 rows. Still making graduations at the left, bring 1 pusher to working position at the right on the next row and every alternate row 11 times in all. The row counter reads 036(042, 048). All pushers are now in working position. There are 124(128, 132) stitches. A total of 90(96, 102) rows has been knitted. The same numbers of rows as the number of original stitches. Set the row counter to 000.

### Continued bias shaping

Change the lock setting to GX/N. The stripe sequence is (2 rows black 14 rows white) twice. Knit in this sequence increasing 1 stitch on the right and decreasing 1 stitch on the left on the next row and following alternate rows 16 times in all. The number of stitches remains 124(128, 132). Set the row counter to 000.

### Fair Isle Section with Shoulder Shaping at Right

Bring pushers out of the blocking rail under all stitches. Attach the card reader. Insert card 9b starting at row 4. Bring the Deco unit across and attach to the locks. Set the selection dial to 4. Change the locks setting to GX/BX and push in the left arrow key on the front lock. The stripe sequence is 2 rows black, 2 rows white. Knit in Fair Isle until the row counter reads 060. (30 rows of Fair Isle pattern) AT THE SAME TIME continue decreasing at the left, but on every 4th row. There will be 15 more stitches decreased at the left. At the right decrease 1 stitch every 6th row for the shoulder. Decrease 10 stitches in all at the right. There are now 99(103, 107) stitches. Set the row counter to 000.

### Armhole and Shoulder Shaping at the Left

At the right cast off 44(46, 48) stitches using white yarn which is used for the rest of the piece. Knit 1 row on the remaining 55(57, 59) stitches. At the beginning of the next row and the following alternate rows cast off for the armhole as follows:

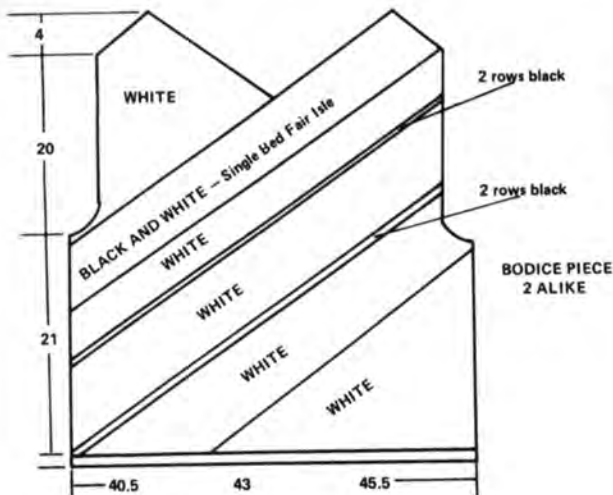
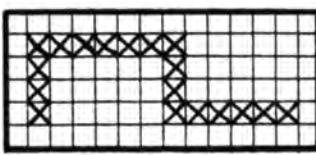


Diagram 1a



GX/BX ←  
2 rows Black  
2 rows White

Repeat -- divisible by 12 + 1  
each end (s) for seaming

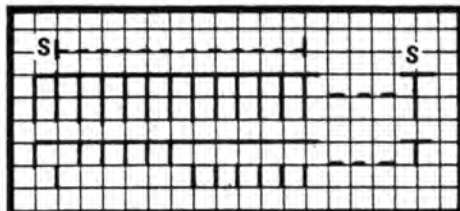


Diagram 1b

Rows 1-4

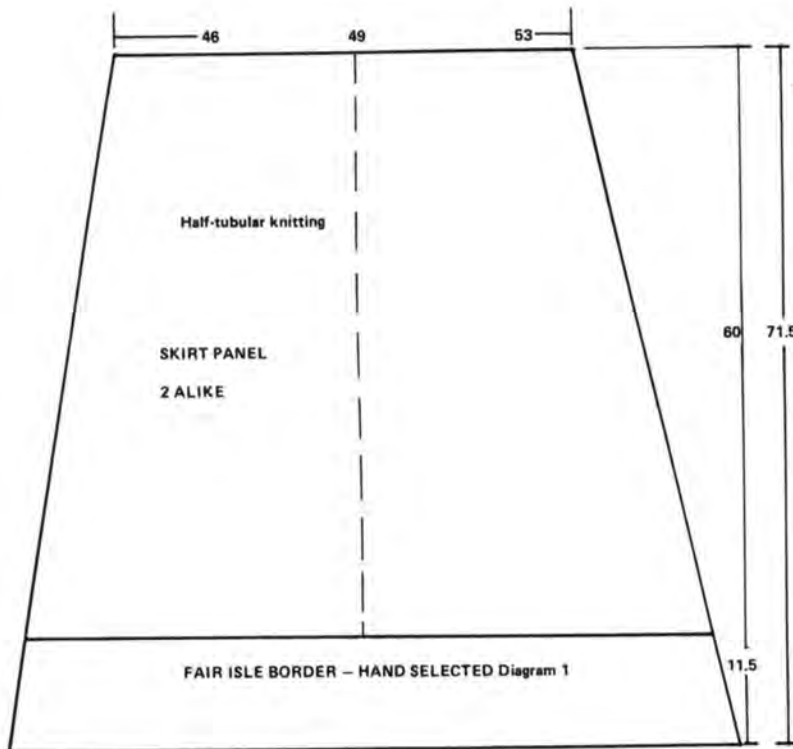


Diagram 1c Rows 5-12

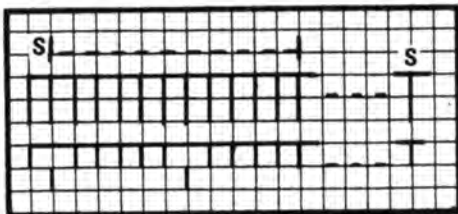


Diagram 1d Rows 13-16

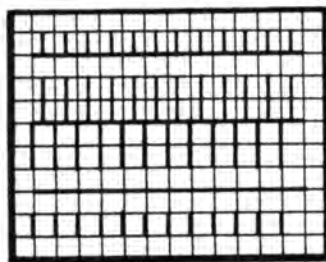
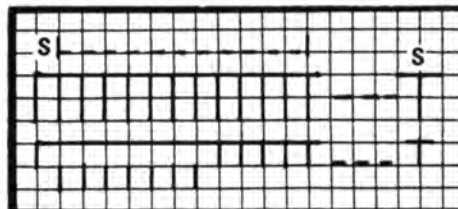


Diagram 2

Duomatic 80/5 Half tubular  
BX → / BX →

Duomatic S – Front pushers and  
lock as shown – back lock – see notes.

1st Size: 4 stitches once, 3 stitches twice  
(10 stitches)

2nd Size: 4 stitches 3 times (12 stitches)

3rd Size: 5 stitches twice, 4 stitches once  
(14 stitches).

45 stitches remain. Row counter 006.

Locks left. Decrease 1 stitch at the  
beginning of the next row and every  
following alternate row 27 times in all.  
Release the remaining 18 stitches on  
waste knitting.

**BODICE PIECE 2**

Knit in the same way, but place the  
work from needle 20 LEFT of centre  
towards the right of the machine.  
Reverse all shapings.

**TO KNIT SKIRT**

(Knit 2 pieces alike starting with border)  
Arrange 158 needles on both beds in  
Knit/knit position. Handle down. Orange

strippers. Lock setting N/N. Using black  
yarn and stitch size 1½. Knit 1 row.  
Change lock setting to CX/CX. Stitch  
size 3. Knit 2 rows. Change to black  
strippers. Set row counter to 000.  
Using white yarn and stitch size 4  
knit 16 rows. Transfer all stitches to  
front bed. Change lock setting to GX/N.  
Change stitch size to 6½. Knit 4 rows.  
Change the lock setting to GX/BX  
with the left arrow key on the front  
lock pushed in. Bring pushers out of  
the blocking rail under all stitches.  
Black strippers are used. Work the  
next 16 rows in alternate 2 row stripes  
starting 2 rows black. The Fair Isle  
pattern is formed by arranging pushers  
as shown in Diagrams 1a to 1d, changing  
the arrangement of the pushers after  
each white stripe. Note that the 2 end  
pushers are always in working position  
for the white rows and rest position for

the black rows to produce a white stitch for seaming. Row counter reads 036. Change the lock setting to GX/N. Knit 8 rows white 2 rows black. Row counter reads 046, Set the row counter to 000.

Transfer 79 stitches at the left to the back bed turning them round for half-tubular knitting. This can be done using Decker combs. Alternatively arrange pushers under all stitches 79 at the left in working position, 79 at the right in non-working position. Lock setting is GX/BX. Using waste yarn, knit 8 rows on stitches on left. Release them from the machine. Turn that section round and place on opposite needles with handle up. Use white yarn. Knit in half-tubular knitting (see notes and Diagram 2). Set the row counter to 000. Knit to row counter 024. Knit 2 rows in black. Knit to row counter 032(036, 040). Using 3-prong tool decrease 1 stitch fully-fashioned at both ends of both beds on the next and following 32nd(36th, 40th) rows 14(12, 10) times in all. There are 51 (55, 59) stitches on both beds. Knit straight until the row counter reads 460. (230 rows knitted across the full width). Cast off loosely.

**Note:** Any adjustment to length can be made in the straight section. Approximately 008 on the row counter equals 1 cm. In the smallest size there is little room for adjustment at this point. The alternative method is to lessen the number of rows between some of the decreases, or after the Fair Isle border.

#### TRIMMINGS

##### Neckband (Knit 2 alike)

Arrange 88(92, 96) needles of both beds in Knit/knit position. Handle down. Orange strippers. Lock N/N. Stitch size 1½. Using black yarn knit 1 row. Change lock setting to CX/CX. Stitch size 3. Knit 2 rows. Handle up. Black strippers. Stitch size 4¼. Using white yarn continue to knit tubular. Increase 1 stitch fully fashioned at both ends of both beds at the beginning of the next row and every following 4th row 3 times in all. Transfer all stitches to the back bed. Locks N/GX. Stitch size 6. Row counter reads 015. Release on waste knitting.

##### Armbands (Knit 2 alike)

Knit as for the neck bands over 100 needles but without increasing.

##### Belt (Optional)

Arrange 9 needles on both beds in Knit/knit position. Handle down. Orange strippers. Lock N/N. Stitch size 1½. Using white yarn knit 1 row. Change lock setting to CX/N. Stitch size 4. Knit to required length. Cast off. Fasten with decorative hook fastener.

#### TO MAKE UP

Block out and press all pieces to size given. Graft the shoulder released on waste knitting. Join the other shoulder seam. With right sides together pin the neckbands on to the garment from V to V, folding the waste knitting between the pieces. Join with backstitching or crochet through the loops of the two pieces. Remove the waste knitting. Mattress stitch the two mitres. Attach the armbands in the same way. Join bodice pieces to skirt pieces at the waist, either backstitching through loops on right side and hem other casing edge to inside, or using a similar method to the one used for the bands. The skirt must be eased in to the casing. Sew underarm and skirt seams. If a belt is not knitted thread elastic through the waist casing.

## Man's Loose Fitting Cardigan — S602

Pictured on page 2

#### SIZES

To fit 97(102, 107, 112) cm, 38(40, 42, 44) inch chest.

#### MACHINES

All Duomatic machines. See special note under instruction for band for users of Duomatic S.

#### MATERIALS

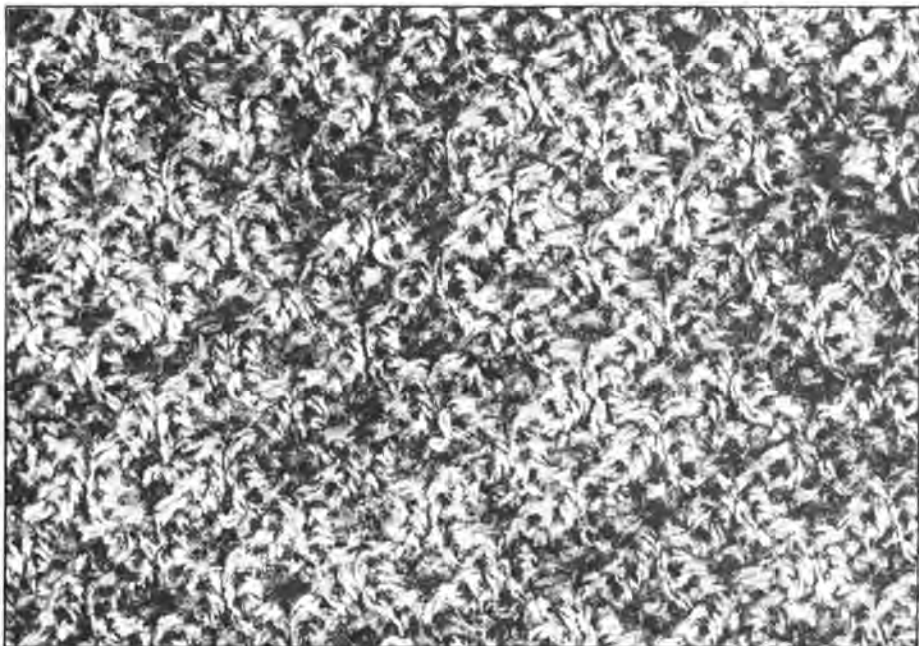
Amber Fair Isle from Amberyarns Bingley West Yorkshire: 2(2, 3, 3) x 250 gram cones, colour Forest. Be careful not to waste any yarn in the second size - there is very little to spare. 6 buttons 2 cm. diameter to match one of the colours in the yarn.

#### TENSION

1. 100 stitches measured 37.5 cm and 100 rows measured 13 cm (good) knitting in pattern as given in the notes, using stitch size 5.
2. 100 stitches measured 33.5 cm and 100 rows measured 21 cm knitting in stocking stitch using stitch size 5½.

#### NOTES

The main pieces are knitted in the AX



pattern given in Diagram 1. The welts are knitted in English Rib, noting particularly the lock settings for the first row after the selvedge and for the rest of the rib. This gives a firm edge. The cardigan is loose-fitting with larger than average sleeves, and could be worn over a close-fitting

pullover. The yarn is a multi-coloured spot dye acrylic giving a random effect. The thickness of the fabric and the weight of the yarn gives a 12½% stretch factor. That is to say the final length of all pieces is 12½% greater than would be expected

from the tension piece. The sections of each piece have their tension measurements against them on the blocks, and the full lengths include the stretch factor. It is important to realise this when checking body measurements against the pattern. The button and buttonhole band is knitted in one length of tubular knitting starting with the buttonhole side. The buttonholes are knitted with vertical openings using the HX setting on the Duomatic 80. The method is described in the pattern with an alternative for other machines.

## TO KNIT

### Back

Handle up. Orange strippers. Over the width of 138(144, 150, 156) front bed needles arrange needles of both beds for 1 x 1 rib. Lock setting N/N. Stitch size 1½. Knit 1 row. Change lock setting to CX/CX. Stitch size 3¾. Knit 2 rows. Change lock setting to N/N. Stitch size 4. Knit 1 row. Set row counter to 000. Change lock setting to N/EX. Knit 1 row. Change lock setting to EX/N. Knit until row counter reads 036. Bring pushers out of blocking rail under all front bed needles and arrange according to Diagram 1. Change lock setting to N/AX with left front arrow key pushed in. Follow the lock sequence given in the diagram. That is, knit 2 rows as stated, 2 rows with arrow key released. Make sure it fully releases. Set row counter to 000. Stitch size 5. Knit in pattern until the row counter reads 300. Adjust length if required. Set row counter to 000.

### Armhole Shaping

Cast off 3 stitches at the beginning of the next 2 rows. Cast off 2 stitches at the beginning of the next 2 rows 3(4, 4, 5) times in all. Decrease 1 stitch at both ends of the next row and following alternate rows 5(5, 6, 5) times in all. Stitches remaining 110(112, 116, 120). Row counter reads 018(020, 022, 022). Knit straight in pattern until row counter reads 154(162, 172, 182).

**Note:** In all decreasing remember to return pushers under empty needles to the blocking rail.

### Shoulder Shaping

Cast off for the shoulder at the beginning of the next 16 rows. The stitches cast off are:

1st and 2nd sizes: 5 stitches 3 times both sides, 4 stitches 5 times both sides. (Total: 35 each shoulder).

3rd and 4th sizes: 5 stitches 5 times both sides, 4 stitches 3 times both sides (Total: 37 each shoulder). The row counter reads 170(178, 188, 198). Cast off the remaining 40(42, 42, 46) stitches for the back neck.

### Right Front

Cast on and knit the welt as for the back over the width of 70(72, 76, 78) front bed needles. Set row counter to 000. Knit in pattern until the row counter reads 274. **Note:** If the length has been adjusted this is 26 rows before the armhole shaping.

### Centre Front Shaping

Decrease 1 stitch at the left on the next and every following 8th(8th, alternately 8th/10th, alternately 8th/10th) row 21(21, 22, 23) times in all. **AT THE SAME TIME,** when the row counter reads 300, shape the armhole at the right as for the back. Keep the row counter running continuously for the front. After the armhole shaping keep straight at the right and continue decreasing at the left, until row counter reads 454(462, 472, 482). Starting at the right cast off the shoulder as for the back.

### Left Front

Knit as for the right front reversing all shapings.

### Sleeves - knit 2 alike

Cast on and knit the welt as before over the width of 68(72, 74, 76) front bed needles. Set the row counter to 000. Change to pattern knitting. Knit 12 rows. Keeping the needles in the correct rib formation, increase 1 stitch at the right on the next row and 1 stitch at the left on the following row. (This makes it easier for the left-hand stitch to knit). Remember to bring a pusher out of the rail under any increased front bed needle. If the arrow key is not pushed in for the next row place the pusher in working position. If the arrow key operates in the row following an increase place the pusher in rest position so that it can change on knitting the row. After the increase row and the next row put the pusher in the correct position for the pattern. Continue to increase in this way on every 12th row until 23(23, 26, 27) stitches have been increased at both sides. There are 114(118, 126, 132) stitches. Knit until the row counter reads 310(310, 330, 330). Set the row counter to 000.

### Sleeve Head

Cast off 3 stitches at the beginning of the next 4 rows. Cast off 2 stitches at the beginning of the next 4 rows. Decrease 1 stitch at both ends on the next 2 rows. Knit 1 row. Decrease 1 stitch at both ends of the next row and following alternate rows 7(5, 6, 6) times in all. Knit 3 rows. Decrease 1 stitch at both

ends of the next row and every following 4th row. 10(13, 13, 15) times in all. Knit 1 row. Decrease 1 stitch at both ends of the next row and following alternate rows 13(13, 14, 14) times in all. Knit 1 row. Decrease 1 stitch at both ends on every row for the next 6(6, 8, 8) rows. Cast off the remaining 18(20, 20, 22) stitches.

### Front Band

Knit in 1 piece starting with the buttonhole end. Handle down. Orange strippers. Arrange 10 needles on both beds in Knit/knit position. Lock setting N/N. Stitch size 2½. Knit 1 row.

### Duomatic 80

Change lock setting to HX/HX. Bring pushers out of the blocking rail into working position under all stitches.

### Other machines

Change lock setting to CX/CX.

### All machines

Stitch size 3¾. Knit 3 rows. Handle up. Change to black strippers. Stitch size 5½. Row counter to 000. Knit to row counter 020. Make first buttonhole as follows:

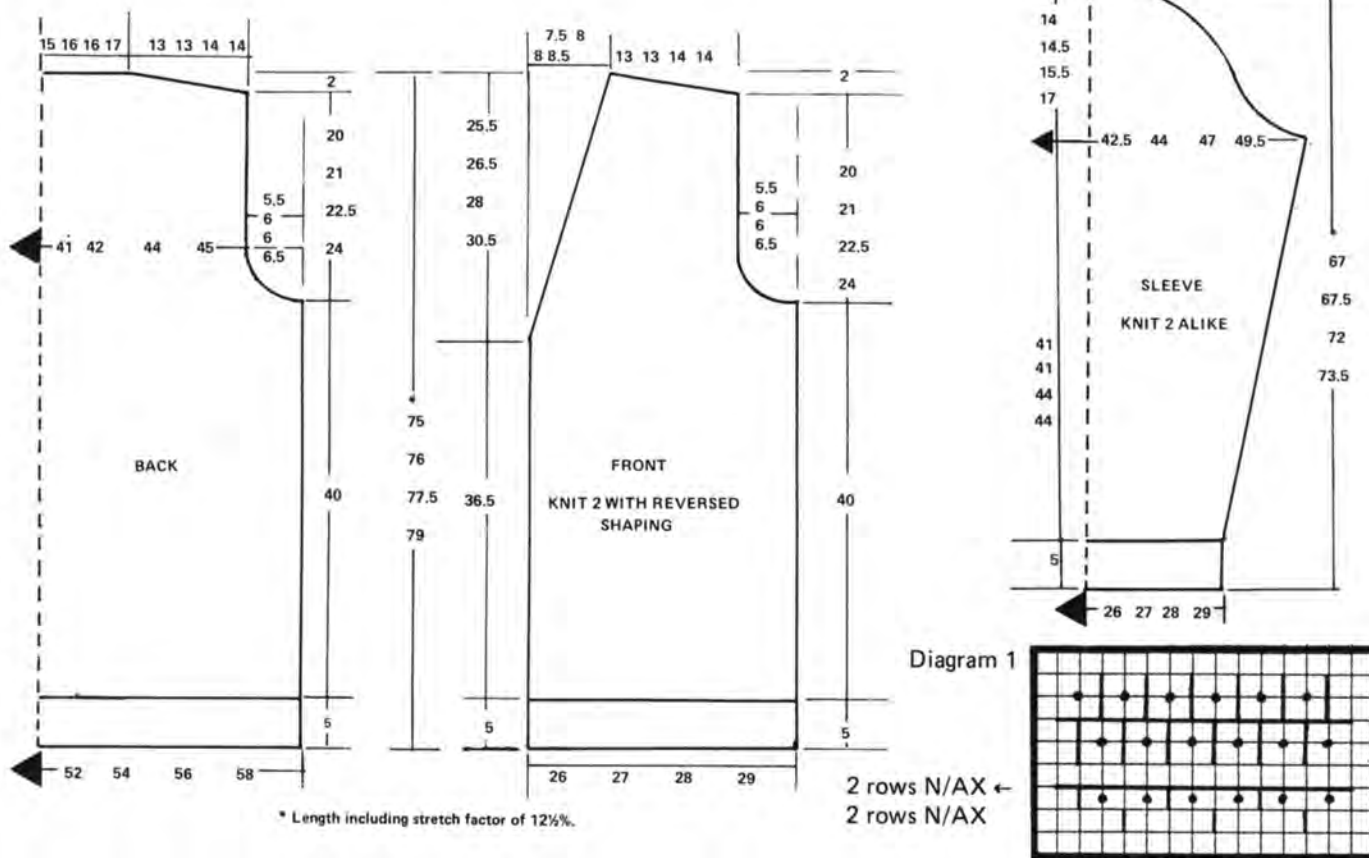
**Duomatic 80.** Put 5 pushers at the left on both beds into rest position. Knit 20 rows. Break off the yarn. Reverse the position of the pushers. Turn the row counter back 20. Knit 20 rows on section at left. Locks right. Bring all pushers to working position. The yarn need not be broken off. It will be carried inside the tubular knitting to start knitting at the right on the front bed.

**Other machines.** Change the lock setting to CX/BX. Bring pushers out of the blocking rail under all front bed stitches, 5 at the left in rest position, 5 at the right in working position. Knit down 5 stitches at the left on the back bed to non-working position. Knit 20 rows.

Break off yarn. Reverse position of back bed stitches, putting 5 at left into working position and knitting down 5 at right. Reverse front bed pushers. Turn row counter back 20. Knit 20 rows on stitches at left. Locks right. All pushers to working position. All stitches on back bed to working position.

**All Machines.** Row counter reads 040. Knit until row counter reads 096. Make another buttonhole. Continue in this way knitting 56 rows in between buttonholes until 6 buttonholes have





been worked. The row counter reads 420. Change lock setting to CX/CX. Knit until the row counter reads 1560(1560, 1580, 1580). Break off the yarn. Release from the machine.

#### TO MAKE UP

Press the open end of the tubular band to prevent stitches running. Block out all

pieces to size. **DO NOT PRESS.** Using the iron very lightly make certain edges are flat. Pressing this type of fabric ruins it. Seam shoulders together. Starting at the bottom of the left front pin the buttonhole side of the front band into position so that it covers the wavy edge of the tuck stitch pattern. Continue all the way round,

stretching the band a little on the back neck. There will be some spare knitting at the bottom right. Unravel it carefully and oversew neatly through the loops. Set the sleeves into the armholes. Sew up the underarm seams and side seams. **Lightly** press the seams under a cloth. Sew on buttons.

## Lady's Modified Ribbed Sweater Dress — S603

Pictured on page 3

#### SIZES

To fit 86(91, 97, 102, 107) cm, 34(36, 38, 40, 42) inch bust; 91(97, 102, 107, 112) cm, 36(38, 40, 42, 44) inch hips.

#### MACHINES

All Duomatic machines, also older double-bed machines — no pushers are essential to this pattern though they can be used for dividing the neck on the front if they are available on both beds. (see "To Knit — Front").

#### MATERIALS

2/8 Shetland Wool from Doris Thomson, Cashmere & Wools, St. Germain's, Longniddry, East Lothian, EH32 0PQ, Scotland. Shade Sable 804/814, 1 Kg.

#### TENSION

Knitting in the pattern given in

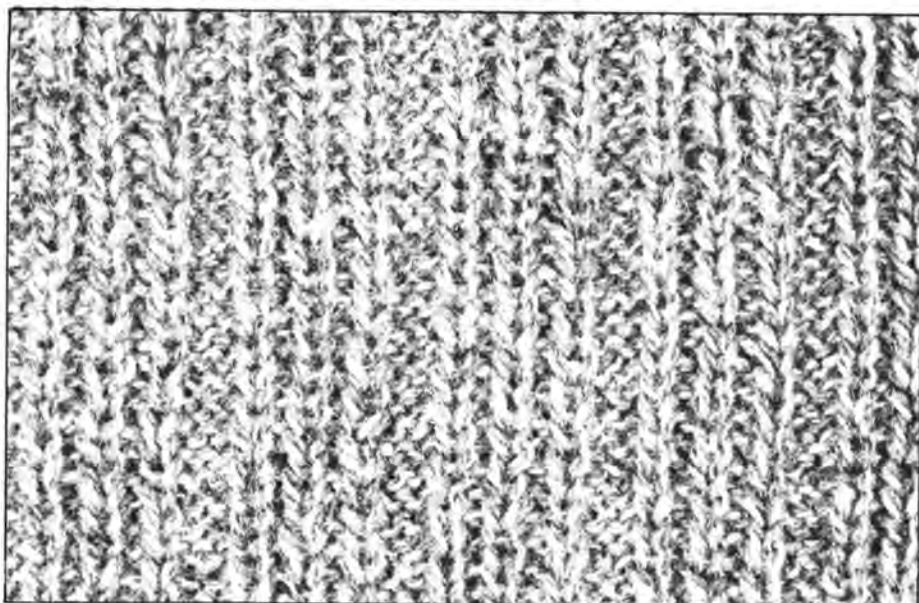


Diagram 1, a tension piece over the width of 100 front bed needles measured 41 cm and 100 rows measured 27.5 cm using stitch size 6½. The measurements were taken after scouring, blocking and pressing the fabric. (see "To Make Up").

**NOTES**

This is a very easy dress to knit, well within the capabilities of beginners. The back and front pieces are alike except for the neck line. The sleeves are set into a square armhole. The stitch used is modified rib. That is, handle down, all needles on front bed in working position, selected needles only on back bed. The fabric is thus less clinging than normal ribbed fabrics.

Numbers of stitches for shaping refer to front bed only. When casting off more than 1 stitch transfer back bed stitches to the front bed first. When only 1 stitch is decreased move both back and front bed stitches sideways. When increasing use the heel of a front bed stitch to increase on the back bed.

**TO KNIT**

**BACK**

Handle down. Orange strippers. Over the width of 113(123, 128, 133, 143) front bed needles arrange needles of both beds for Knit/knit. Lock setting N/W. Stitch size 2½. Knit 1 row. Change lock setting to CX/CX. Stitch size 5. Knit 2 rows. Change lock setting to N/N. Stitch size 6½. Knit 5 rows. Transfer stitches from the back bed for the pattern (Diagram 1) End needle arrangements for all sizes are the same. Set the row counter to 000. Knit in pattern until the row counter reads 322(330, 330, 330, 334). Adjust the length here if necessary. Set the row counter to 000.

**Armhole Shaping**

Cast off 12(14, 15, 15, 17) stitches at the beginning of the next 2 rows. Knit straight until the row counter reads 066(074, 078, 080, 080).

**Shoulder Shaping**

Cast off for the shoulders at the beginning of the next 10 rows. The stitches cast off are :

1st, 2nd and 3rd Sizes :Cast off 5 stitches at both sides 2(4, 5) times, then 4 stitches at both sides 3(1, 0) times.

4th and 5th Sizes: Cast off 6 stitches at both sides (2, 3) times, then 5 stitches at both sides (3, 2) times.

Cast off the remaining 45(47, 48, 51, 53) stitches for the back neck. Row counter reads 078(086, 090, 102, 102).

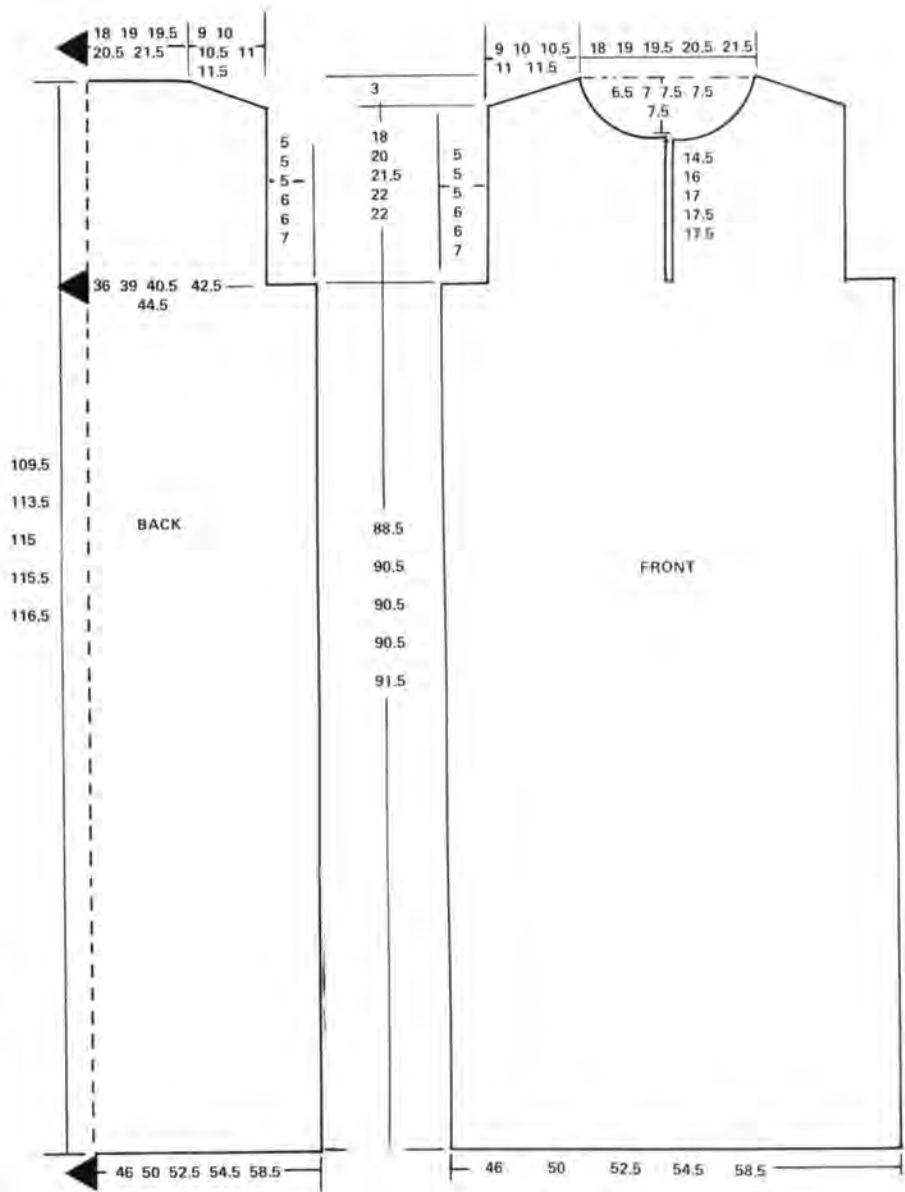
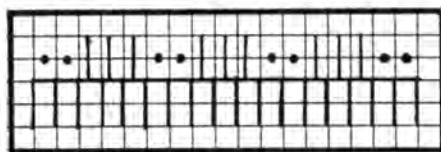
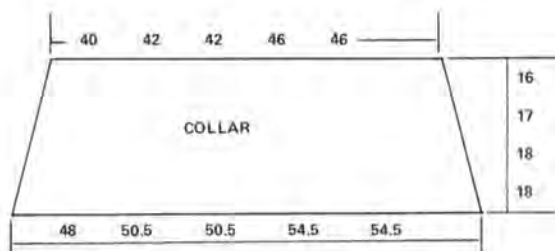
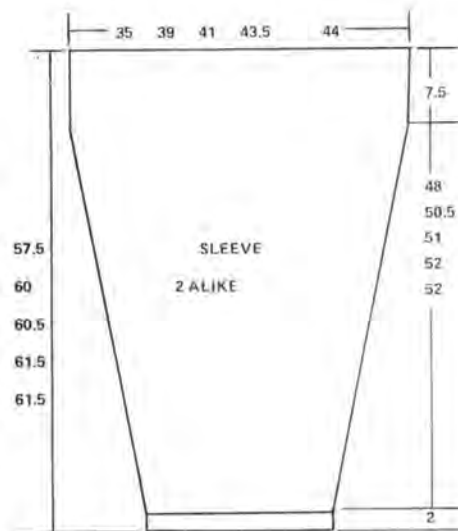


Diagram 1



N/N



## FRONT

Knit as for the back to the armhole shaping. Set the row counter to 000. Cast off 12(14, 15, 15, 17) stitches at the beginning of the next 2 rows.

## Divide for left and right bodice and neck

Note: If the opening is considered to be too low, continue knitting right across to suit individual choice.

Make certain that the total number of rows to neck curve is correct according to pattern if this alteration is made.

## Methods of Dividing

1. Machines with pushers on both beds. Both fronts can be knitted at the same time using lock setting BX ← / BX ← . Pushers under right half are in rest position and under the left half in working position. Yarn is placed in the first 2 eyelets and changed every two rows. The row counter totals given in the pattern must all be doubled.

2. Left half to holding position using pushers on both beds. Lock setting BX/ BX. Pushers under left half in rest position, under right half in working position.

3. Pushers on front bed only as in paragraph 2. Back bed stitches knitted down to non-working position on waste yarn. Lock setting N/BX. On sizes 1, 2, 4, 5 decrease the centre stitch on both beds before dividing. Both halves are alike with reversed shapings.

## Right Half

Knit straight until row counter reads 053(059, 063, 065, 065).

## Neck Shaping

On the next row and following alternate rows 5 times in all cast off at the left as follows :

1st size: 9, 3, 3, 3, 2 stitches.

2nd size: 11, 3, 2, 3, 2 stitches.

3rd size: 12, 3, 2, 3, 2 stitches.

4th and 5th sizes: 14, 4, 3, 3, 2 stitches.

The stitches cast off are 20(21, 22, 26, 26). Knit straight until the row counter reads 066(074, 078, 080, 080).

## Shoulder Shaping

Starting at the right, over the next 10 rows cast off the shoulder as for the back.

Knit the second side to match reversing shapings.

## SLEEVES (Knit 2 alike)

Over the width of 48(48, 50, 52, 54) front bed needles, cast on and knit the selvedge as before. This time knit 9 rows of Knit/knit before transferring stitches for the pattern. Make sure the stitches

at the ends of the back bed are evenly placed. Set the row counter to 000. Knit 5 rows. Increase 1 stitch at both ends of the next row and every following 6th rows 3(18, 21, 27, 27) times in all.

1st, 2nd and 3rd sizes only :

Knit 7 rows. Increase 1 stitch at both ends of the next row and every following 8th row 16(6, 4) times in all. There are 86 (96, 100, 106, 108) stitches. The row counter reads 146(156, 158, 162, 162). Knit straight until the row counter reads 176(184, 186, 190, 190). Cast off loosely.

## COLLAR

Over the width of 118(123, 123, 133, 133) front bed needles cast on and knit the selvedge as before. Knit 5 rows of Knit/knit. Transfer back bed stitches for the pattern. Set the row counter to 000. Knit 4 rows. Decrease (not fully-fashioned) 1 stitch at both ends of the next and every following 5th row 10 times in all. Knit straight until the row counter reads 054(054, 058, 062, 062). There are 98(103, 103, 113, 113) stitches. Cast off loosely.

## TRIMMINGS

### For front opening and collar edging

Knit 2 alike. Handle down. Orange strippers. Arrange 5 needles on both beds in Knit/knit position. Cast on and knit selvedge as before. After first 4 rows bring handle up (needles

opposite for tubular knitting). Change to black strippers. Set row counter to 000. Using stitch size 6½ knit in tubular knitting until the row counter reads 270(296, 316, 332, 332). Release on waste knitting.

## TIE BELT (Optional)

Over the width of 10 stitches on both beds cast on and knit as for trimmings to row counter 1220 or required length. Bind off by grafting method.

## TO MAKE UP

If this garment is made in Shetland wool it must first be scoured to remove the natural oils. Dissolve 1 handful of washing soda in tepid water. Put pieces to soak for 30 minutes. Drain water away and squeeze out surplus. Do not wring the fabric at any stage. Rinse once, then wash in tepid water and pure soap. Rinse thoroughly, several times, until clear, in cold water. Squeeze. If possible roll up in towel and spin dry. Lay pieces flat until almost dry. Block out to size face down. Press, using wool setting on steam iron. Leave to cool and dry. Sew up shoulder seams. Sew on collar. Sew trimmings to collar and neck opening starting at points of collar and crossing at bottom of opening. Unravel waste and any spare tubular knitting. Sew together through loops to inside of front. Set sleeves into armholes sewing straight sections to armhole cast off edges. Seam underarm and dress seams. Give final press.

## Laugh with GROCK!



"For heaven's sake, Doreen, why can't you take up machine knitting like your sister."



"No, I didn't join the Legion to forget a woman, I joined to forget my wife's machine knitting mania."

# Unisex BMX Track Suit — S604

Pictured on  
page 37

## SIZES

To fit 56(61, 66, 71, 76) cm  
22(24, 26, 28, 30) inch chest;  
61(66, 71, 76, 81) cm  
24(26, 28, 30, 32) inch hips.

Notes: These garments are loose-fitting and should fit children from 4 to approximately 13 years. Consult the measurements on the blocks in order to decide which size to knit.

## MACHINES

Any Duomatic machine, preferably with a colour changer.

## MATERIALS

Patsy Special 4 ply acrylic 1(1, 2, 2, 2) x 340 gram cones red, 1 cone black, 1 cone yellow.

## TENSION

1. Top: Knitting in stocking stitch using stitch size 6 100 stitches measured 35.5 cm and 100 rows measured 23 cm.  
2. Trousers: Knitting in stocking stitch using stitch size 5½ 100 stitches measured 33.5 cm and 100 rows measured 20 cm.

## Note

A tighter tension was used for the trousers to make them harder wearing. The intarsia knee patches were knitted without hooking the yarn over the contrast colour stitch, thus, deliberately forming holes. A row of crocheted doubles in black yarn was worked afterwards to give the appearance of patches sewn on. The triangular coloured sections on the front of the pullover form pockets.

## TO KNIT THE TOP

### Back

Handle up. Orange strippers. Over the width of 94(102, 108, 116, 122) needles arrange needles of both beds for 1 x 1 rib. Locks N/N. Stitch size 1½. Using black yarn knit 1 row. Change lock setting to CX/CX. Stitch size 4½. Knit 3 rows. Change lock setting to N/N. Stitch size 4¾. Set row counter to 000. Knit 24 rows. Transfer all stitches to the front bed. Change to black strippers. Change lock setting to GX/BX←. Bring pushers out of the blocking rail under all needles in working position, arranging 2 at the right in rest position and the remainder in working position. Stitch size 6. Set Row counter to 000. Knit in stripe sequence 2 rows red 2 rows black bringing 2 more pushers at the right to rest position after every 4 rows until only 2 black stitches remain. Row counter reads 184(200, 212, 228,

240). Set it to 92(100, 106, 114, 120) since these are the rows of completed knitting. Leave pushers outside the rail. Change lock setting to GX/N. Using red yarn knit until the row counter reads 106(114, 132, 146, 158). \*Set the row counter to 000. Bring pushers into working position except 8 at right in rest position. Change lock setting to GX/BX←. Knit (2 rows red 2 rows black) 3 times. Change lock setting to GX/N. Knit 6 rows red. Change lock setting to GX/BX←. Now work with 16 pushers at right in rest position. Knit (2 rows red 2 rows yellow) 3 times. Change lock setting to GX/N. Knit 4 rows red. Change lock setting to GX/BX←. Put small weight at right to prevent floats closing up. Work with 24 pushers at right in rest position. Knit (2 rows red 2 rows black) twice. Change lock setting to GX/N. Knit 4 rows red. Change lock setting to GX/BX←. Work with 32 pushers at the right in rest position. Knit (2 rows red, 2 rows yellow) twice.

Change lock setting to GX/N. Knit 2 rows red. Change lock setting to GX/BX←. Work with 40 pushers at right in rest position. Knit 2 rows red 2 rows black. Lock setting GX/N. Knit 2 rows red. Lock setting GX/BX←. Work with 48 pushers at right in rest position. Knit 2 rows red 2 rows yellow. Lock setting GX/N. Knit 2 rows red. The row counter reads 068. In the stripe sequence there are 44 rows of completed knitting. The total rows of completed knitting are 150(158, 176, 190, 202). Transfer stitches for 1 x 1 ribbing, keeping stitch size 6. Orange strippers. Lock setting N/N. Knit 12 rows. At the beginning of the next 6 rows cast off for the shoulders as follows:  
1st size: 8, 7, 7 stitches both sides (22 x 2).  
2nd size: 8, 8, 7 stitches both sides (23 x 2)  
3rd size: 9, 8, 8 stitches both sides (25 x 2)  
4th size: 9, 9, 8 stitches both sides (26 x 2)  
5th size: 10, 9, 9 stitches both sides (28 x 2)  
Cast off the remaining 50(56, 58, 64, 66) stitches for the back neck.\*

### Front

Cast on and knit the welt as for the back. Transfer all stitches to the front bed. **Handle down.** Bring needles of back bed into work into Knit/knit position with front bed stitches. Locks N/N. Stitch size 3/4. Knit 1 row.

Change to black strippers. Stitch size 4¾. Change lock setting to CX/CX. Knit 4 rows. Set row counter to 000. Change lock setting to GX/BX. Bring pushers out of the blocking rail under all front bed needles, those under the left half in rest position, under the right half in working position.

### Left Pocket

Knitted at right of machine using black yarn. Cast on 4 stitches at the right for pocket side hem. Knit 1 row. Decrease 1 stitch at left using 2-pronged tool. Decrease 1 stitch at the left on every following alternate row until row counter reads 092(100, 106, 114, 120). Cast off the 5 remaining stitches.

### Right Pocket

Work this on the needles of the left half using red yarn and reversing the shapings. Set row counter to 000. Transfer back bed stitches to front. Knit straight in yellow until row counter reads 92(100, 106, 114, 200). Change to red yarn and knit until row counter reads 106(114, 132, 146, 158). Knit from \* to \* as for the back.

### SLEEVES. Knit 2 alike.

Cast on as before but using red yarn over the width of 46(46, 50, 52, 56) needles. Knit the selvedge and 18 rows 1 x 1 rib. Transfer all stitches to the front bed. Black strippers. Lock setting GX/N. Stitch size 6. Set row counter to 000. Knit 4(5, 5, 5, 5) rows. Increase 1 stitch both ends of the next and every following 5th(6th, 6th, 6th) row 21(22, 22, 23, 24) times in all. AT THE SAME TIME when the row counter reads 036 work the stripe sequence. There will be 88(90, 94, 98, 104) stitches knitted on front and back pieces right across the width. That is 6 rows black, 6 rows red, 6 rows yellow, 4 rows red, 4 rows black, 4 rows red, 4 rows yellow, 2 rows red, 2 rows black, 2 rows red, 2 rows yellow. (42 rows - row counter 078). Continue in red, increasing as instructed then knitting straight until row counter reads 126(144, 148, 152, 160). Cast off loosely.

### TO MAKE UP

Block out and press all parts. Hem side edges of pockets. Pin and tack pockets into position and mattress stitch to front. Sew up shoulder seams. Sew

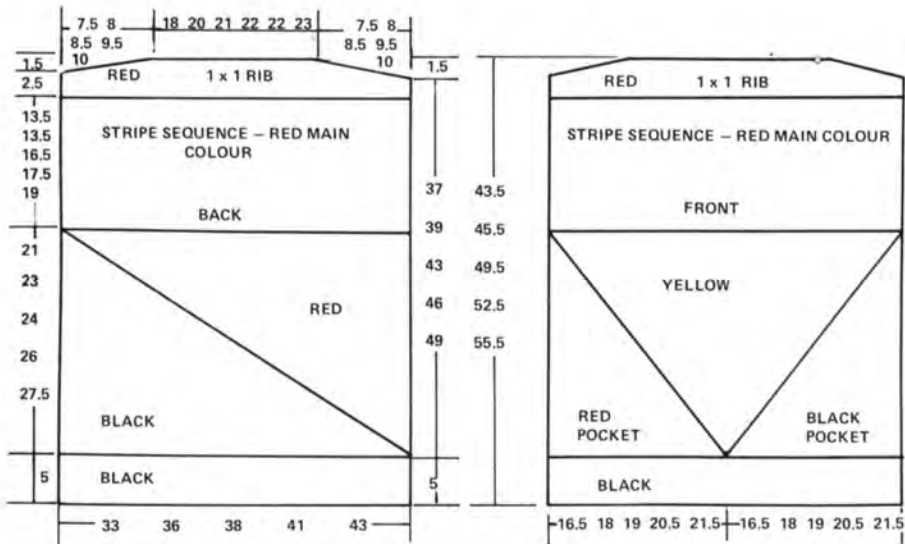
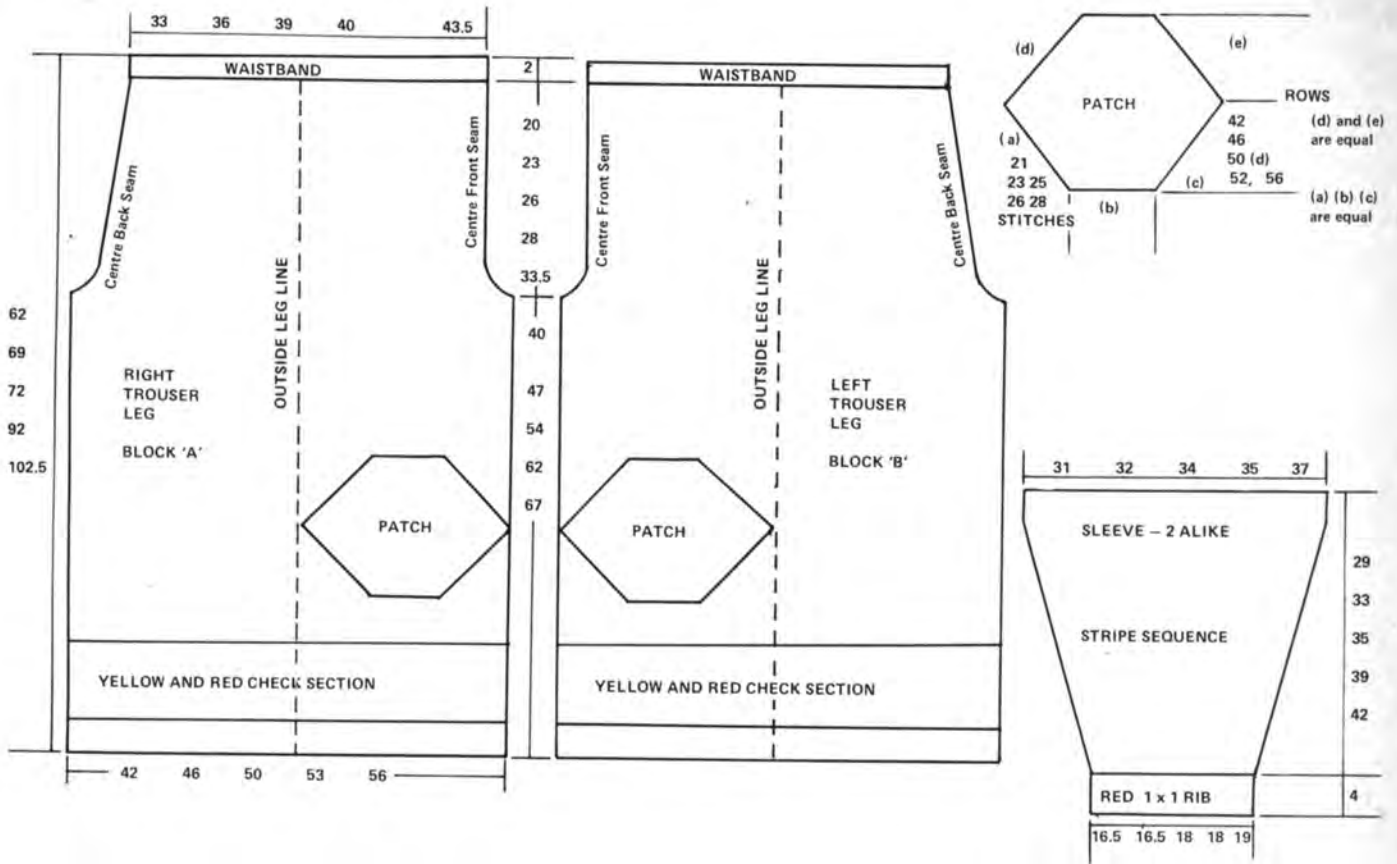
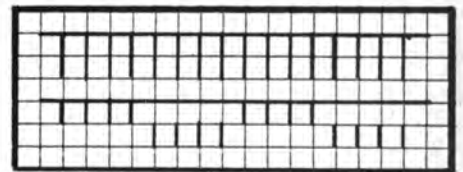


Diagram 1

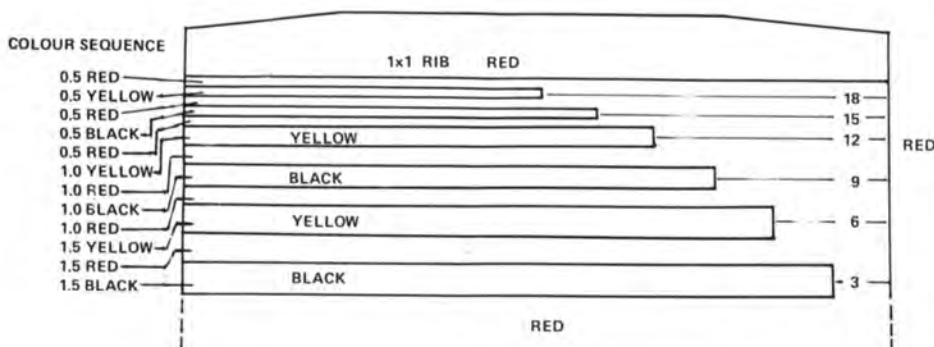


cast off edges of sleeves to body pieces.  
Sew up sleeve and side seams..

### TO KNIT TROUSERS.

#### Right Leg. Block A.

Black strippers. Work on the front bed. Using waste yarn cast on 126(138, 150, 158, 168) stitches. Knit a few rows ending locks right. Row counter 000. Change to red yarn. Locks GX/N. Stitch size 5½. Knit until row counter reads 016.



#### Red and Yellow Check pattern (all sizes)

Bring pushers out of the blocking rail under all stitches. Arrange according to Diagram 1. \* Change locks to GX/BX←. Knit (2 rows red 2 rows yellow) twice, 2 rows red 1 row yellow. Change lock setting to GX/N. Knit 1 row yellow. Change lock setting to GX/BX←. Knit (2 rows yellow, 2 rows red) twice, 2 rows yellow, 1 row red. Change locks to GX/N. Knit 1 row red. \* Repeat from \* to \* 3 times. Row counter

reads 016 + 072 = 088. Turn it back to 052 to allow for Fair Isle. Do not return the pushers to the blocking rail. Keep locks set to GX/N until the patch is knitted. The leg is now knitted straight until the row counter reads 200(234, 270, 310, 334). AT THE SAME TIME the knee patch is knitted on the right half. The position given for the knee patches is correct for lengths given. If any adjustment is made it should be before the patch is knitted if it is an increase in length, and after the patch is knitted if it is a decrease in length. As written the patches start when the row counter reads 058(070, 086, 100, 110). Set the row counter to 000. We will adjust the number after the patch has been knitted.

#### Knitting the Patch

Place 21(23, 25, 26, 28) pushers at the right in working position (section A, diagram 2) the remainder in rest position. Change lock setting to GX/BX (no arrow key).

Using red yarn knit 1 row. Bring 1 pusher at left to rest position. Knit 2 rows. Continue in this way until all pushers are in rest position. The row counter will read 042(046, 050, 052, 056). Break off red yarn, but keep it in the eyelet and take locks to the left (free move). Turn row counter back 001. Keep 42(46, 50, 52, 56) pushers at right in rest position.

Section B Diagram 2. Put all the remainder at the left into working position. Knit 1 row. Bring 1 pusher at right to rest position. Knit 2 rows. Continue in this way until there are 63(69, 75, 78, 84) pushers at the right in rest position and the row counter reads 084(092, 100, 104, 112). Break off red yarn. Return eyelet to holder.

**BRING REMAINING PUSHERS TO REST POSITION.** Take locks to right. Thread with black yarn. Bring pushers under section C in Diagram 2 to working position. This section has not yet been knitted. It is the patch. Knit 1 row. At the left bring 1 extra pusher to working position. Knit 1 row. At the right bring 1 extra pusher to working position. Knit 1 row. Continue in this way until the row counter reads 126 (138, 150, 156, 168). Set row counter to 000. There are 63(69, 75, 78, 84) black stitches. Continue working on the patch (section D), bring 1 extra pusher to rest position at the lock end on every row until there are only 21(23, 25, 26,

28) black stitches. Row counter reads 042(046, 050, 052, 056). Break off black yarn. Thread with red yarn. **PUT ALL PUSHERS TO REST POSITION.** Take locks to left. Turn row counter back 001. Leave 63(69, 75, 78, 84) pushers at right in rest position. Bring all remainder at left into working position. Knit 1 row. Bring 1 extra pusher at right to working position. Knit 2 rows. Continue in this way until only 42(46, 50, 52, 56) pushers at the right are in rest position (section E completed). Row counter reads 084(092, 100, 104, 112). **PUT ALL PUSHERS TO REST POSITION.** Break off red yarn but keep it threaded. Take locks to right. Turn row counter back 001. Knit 1 row to left (nothing knits, only knit to uncover first few stitches). Bring right end pusher to working position. Knit 2 rows. Continue in this way bringing 1 extra pusher to right to working position when locks are at left until 21(23, 25, 26, 28) pushers are in working position. Row counter reads 126(138, 150, 156, 168). Section F completed. Knitting of patch completes 142(162, 186, 204, 222) rows of stocking stitch. Set row counter to this number and continue straight in red, locks GX/N for required length. If length has been adjusted set row counter to 200(234, 270, 310, 334) to conform with figures which follow.

#### Shaping of back and front seams

(Back at left when row numbers are odd, front at right when row numbers are even).

Cast off 2 stitches at the beginning of the next 3 rows. Decrease 1 stitch at the beginning of the next 8(11, 12, 17, 17) rows. Knit 1(2, 1, 2, 2) rows. **LOCKS RIGHT.** Row counter 212(250, 286, 332, 356). Decrease 1 stitch at the beginning of the next 3(3, 3, 2, 2) rows. Knit 2(3, 2, 4, 4) rows. Decrease 1 stitch at the beginning of the next 1(1, 2, 2, 2) rows. Knit 1(2, 5, 4, 4) rows. Stitches decreased at left 8(9, 10, 13, 13); at right 10(12, 13, 14, 14). Row counter reads 219(259, 298, 344, 368).

**Sizes 1 and 2** continue from \*

**Sizes (3, 4, 5)** Decrease 1 stitch at the beginning of the next (1, 1, 2) rows. Knit (2, 4, 11) rows.

\* **All sizes.** No more decreasing at right. Locks left. Row counter reads 219(259, 301, 349, 381), 10(12, 14, 15, 15) stitches have been decreased at the right.

Decrease 1 stitch at the left on the next and every following 8th(8th, 10th, 10th, 12th) rows 10(4, 6, 5, 6) times.

**Size 1:** Continue from \*\*.

**Sizes (2, 3, 4, 5):** Knit (10, 12, 12, 14) rows. Decrease 1 stitch at the left at the beginning of the next and every following (10th, 12th, 12th, 14th) row (6, 4, 5, 3) times.

\*\***All sizes:** 16(19, 20, 23, 23) stitches have been decreased at the left. Knit until row counter reads 300(348, 400, 450, 484).

#### WAISTBAND

Knit 2 rows black, 10 rows red, 4 rows black, 12 rows red. Row counter reads 326(376, 428, 478, 512). Release on waste knitting.

#### LEFT LEG (BLOCK B)

This is knitted in the same way but with reversed shapings and with the patch on the left. The total number of rows is one less than the number given for the right leg.

#### ANKLE CUFFS

Replace stitches from waste yarn on to half the number of needles working on back bed with purl side facing. Black strippers. Locks N/GX. Stitch size 6. Knit 1 row. Handle up. Transfer for 1 x 1 rib. Orange strippers. Stitch size 3½. Knit 31 rows. Cast off.

#### TO MAKE UP THE TROUSERS

Block and press both pieces. Work double crochet along the sides of the patch to simulate sewing. Sew back and front seams and inner leg seams. Hem down waist band. Thread with elastic.

## TENSION PIECES

The method of counting the needles for tension pieces in all patterns in this magazine is as follows:

The needles counted are those on the front bed between 50 on the left and 50 on the right, whether they are actually in working or non-working position. Thus the tension piece is measured over 100 front bed needle positions.

The number of stitches is sometimes greater than 100. For example in stitch patterns based on the Knit/Knit rib formation there can be as many as 200 stitches.

Sometimes there will be fewer than 100, for example in tuck lace patterns knitted either on both beds or on one bed.

In the case of single bed patterns the tension piece can be knitted on either bed over 100 needle positions.

It is recommended that a piece not less than 50 front bed needle positions by 50 rows is knitted. The measurements must then be doubled.

Before measuring any tension piece it must be dealt with in exactly the same way as the finished garment will be. If it is knitted in oiled wool, the tension piece must be scoured, that is, washed with some soda and mild detergent to remove the oil. All tension pieces must be blocked out and pressed according to the type of yarn, and rested before measuring.

In cases where the tension piece has been measured in any other way, for example, pleats, this will be made clear in the particular pattern.

#### NOTE ON THE YARN USED IN ALL DESIGNS

The British equivalent yarn, which is recommended for each pattern, is as near as possible to the original in fibre content, weight and texture. It has been necessary to use some hand knitting yarns in a number of the patterns, in order to achieve this.

# Lady's Black "Off the Shoulder" Dress — S605

Pictured on  
page 38

## SIZES

To fit 86(91, 96) cm 34(36, 38) inch bust. 91(96, 102) cm 36(38, 40) inch hips.

## MACHINES

All Duomatic machines - with Deco and two-colour changer. If Deco is not available substitute BX pattern using pushers.

## MATERIALS

The original yarn was Pingouin No.5 (black) 500 grams and Pingouin No.8 (white) 50 grams.

For the black we recommend that you substitute 2/30s acrylic used 2 fold, and for the white either 2/30s bright acrylic used 2 fold or Twilleys Galaxia used singly. Elastic for the top edge of the bodice and the waist.

## TENSION

100 stitches measured 36 cm and 100 rows measured 21 cms knitting in stocking stitch using stitch size 6. This measurement was taken **before** blocking and pressing. This garment requires careful blocking, pressing and steaming to the size given on the blocks. The double bed Fair Isle panel on the bodice and on the skirt knitted at stitch size 3½ /3 gives the same width.

## NOTES

The skirt is knitted sideways starting with a Fair Isle panel of 40 rows (Row Counter 080). The work is then transferred to the **back** bed (purl side is right side) and shaped by graduations. There are 8 panels (including the Fair Isle) and 8 shaping sections. The bodice is the same back and front, except that the shaping is reversed. It is knitted diagonally. One piece is started near the left of the bed and one near the right to leave room for increasing as the bodice is knitted on the bias. Exact needle positions are given in the pattern. The dress can be worn with the shoulder seam on the right or the left. The skirt is attached to the bodice with the Fair Isle panel the same side as the shoulder seam. If necessary the armhole can be shortened by 'cutting and sewing' the shoulder seam before the neck and armhole trimmings are added.

## TO KNIT

### BODICE - PIECE 1.

Shoulder seam at right of machine,

knit side is the right side.

### Waist Casing

Starting at needle 20 on the right of centre bring 94(100, 106) needles on both beds to working position. The handle is down. The black strippers are used. The lock setting is N/GX. Make a simple cast on on the back bed using waste yarn. Knit 6 rows. Change to black yarn. Using stitch size 6 knit 6 rows. Change the locks to GX/N. Cast on in waste yarn on the front bed and knit 6 rows. Change to black yarn. Change locks to GX/GX and make a free move to the left in order to start the 6 rows GX/N at the left. Knit these 6 rows. Change the locks to N/N and stitch size 3½ and orange strippers and knit 1 row. Transfer all stitches to the front bed. Change to black strippers and stitch size 6. The lock setting is GX/BX.

### First part of Short-row Knitting Section (Graduations). All sizes

Bring pushers out of the blocking rail under all stitches. Bring an extra 28 pushers out of the rail at the right. All pushers are in rest position except the 2 under the last 2 stitches at the right and 1 immediately to the right of them. (3 pushers in working position). Set the row counter to 000. Knit 2 rows. \*Bring the next 2 pushers at the left and the next 1 at the right to working position. Knit 2 rows. \*Repeat from \* to \* until the row counter reads 056. All the pushers at the right are in working position and 56 at the left. The first part of the graduation section is now complete. There are 38(44, 50) pushers still in rest position at the left. Set the row counter to 000.

### Continuation of graduation at left - armhole shaping at right.

The work continues in stocking stitch in the following colour sequence:  
Size 1. 2 rows white, 18 rows black, 2 rows white, 16 rows black - 38 rows.  
Size 2. 2 rows white, 22 rows black, 2 rows white, 18 rows black - 44 rows.  
Size 3. 2 rows white, 26 rows black, 2 rows white, 20 rows black - 50 rows.

While knitting in stripes as given continue making graduations at the left, bringing 2 pushers to working position whenever the locks are at the right, as in the first part of the graduation section. AT THE SAME TIME shape the

armhole at the right as follows. Knit 2 rows. Decrease 1 stitch on the next and every following 3rd row 4(6, 8) times in all, remembering to return pushers to the blocking rail. Row counter reads 012(018, 024).

### All sizes

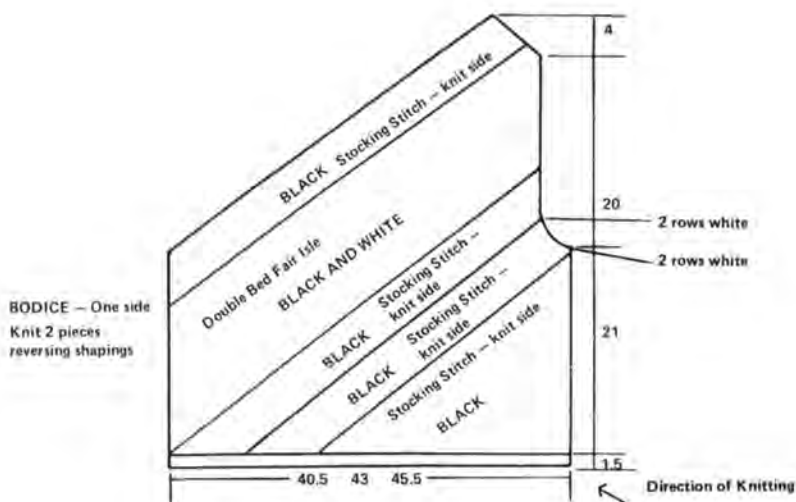
Continuing graduations on the left and colour changing as instructed knit straight at the right until the row counter reads 030(036, 042). Bring 4 pushers out of the rail into rest position at the right. Still continuing at the left as before, bring 1 pusher at the right to working position on the next row and every alternate row 4 times in all. Row counter reads 038(044, 050). All pushers left and right are now in working position. A total of 94(100, 106) rows have been knitted - the same number as the original stitches.

### Shaping

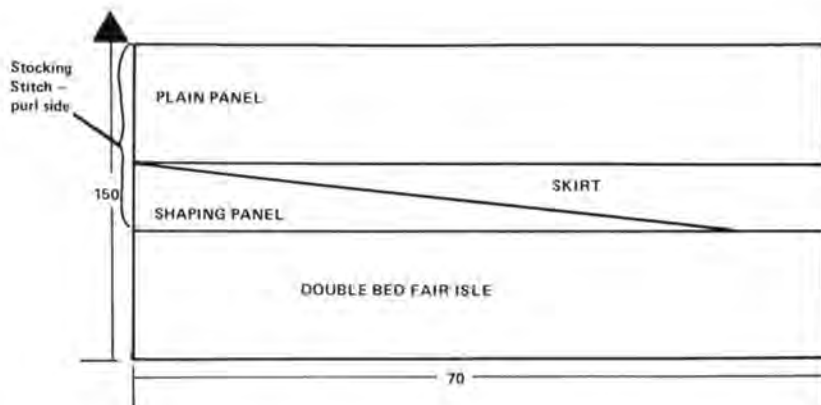
(Decreasing left, continued increasing and then shoulder decreasing right). Set the row counter to 000. There now follows a section of Double-bed Fair Isle using Deco card 9. Link the two parts of the card. Insert it in the card holder so that the number 38 shows in the Left-hand window. Bring the Deco unit across to the right and attach to the locks. Set the selector dial to 4. Push in the left arrow key on the front lock. Bring needles on the back into working position arranged for Knit/Knit. Change the lock setting to N/BX. Change to orange strippers. Using stitch size 3½/3 knit 2 rows black, 2 rows white until the row counter reads 080(40 rows of Fair Isle). The number in the Left-hand window will be 78.

AT THE SAME TIME at the left decrease 1 stitch on both beds on the next and every following 4th row 28 times in all. That is transfer the end stitch on both beds to the next needle and on the front bed put the pusher back into the rail. (Note. The decreasing continues after the Fair Isle band).

ALSO AT THE SAME TIME at the right increase 1 stitch on both beds on the next and every following 4th row 16 times in all. That is bring



BODICE — One side  
Knit 2 pieces  
reversing shapings



1 extra needle to working position on both beds and 1 extra pusher out of the rail into working position on the front bed.

**NOTE.** Shaping is every 4th row in Fair Isle, and this is the same rate as alternate rows in stocking stitch. When the row counter reads 068 commence shoulder shaping at the right whilst continuing to decrease at the left. On the next row and every following 4th row decrease 1 stitch on both beds. This decreasing continues for the rest of the Fair Isle section and part of the stocking stitch panel which follows. There are 12 decreases in all. Remember to return the pusher to the rail for each stitch decreased. Knit in Fair Isle shaping both sides as instructed until the row counter reads 080.

#### Final Stocking Stitch Section

Set the row counter to 000. Transfer all stitches to the front bed. Change to black strippers. The lock setting is GX/N. Using stitch size 6 and black yarn knit in stocking stitch continuing to decrease 1 stitch at both sides on alternate rows to complete 28 stitches decreased at the left and 12 stitches decreased at the right. There will be 98(102, 106) stitches remaining. The row counter reads 016. Cast off.\*\*\*

Knit a second piece in the same way reversing all shapings and starting on the same number needles but at the right of the machine.

\*\*\* See note at the end of section on trimmings.

#### Trimmings

**Armhole.** The handle is down. The orange strippers are used. Bring 94(100, 108) needles to working position on both beds. The lock setting is N/N. Using stitch size 1½ and white yarn knit 1 row. Change the lock setting to CX/CX. Using stitch size 3½ knit 3 rows. Change to black strippers. Change the lock setting to N/GX. Using black yarn and stitch size 5½ knit 6 rows. Change the lock setting to GX/N. Pull down a loop of yarn between the beds and knit 6 rows on the front bed. Release the stitches of both beds on waste knitting.

#### Neck Trimming

This is knitted in the half-tubular setting over 98(102, 106) needles on both beds. Cast on and knit several rows in waste yarn. Set the row counter to 000. Using black yarn and stitch size 5½ knit 12 rows. Change to white yarn and stitch size 3½. Knit 4 rows. Change to black yarn and stitch size 5½ and

knit 12 rows. Release on waste knitting \*\*\* (see note below).

#### Attaching Trimmings - various methods

1. Cast off main pieces, release trimmings on waste knitting. Link together by back stitching through open stitches of trimmings on right side and hemming on wrong.
2. Prepare as in 1, but use a linker to join.
3. Release main pieces on waste knitting. Transfer all stitches of trimmings to back bed and knit 1 row at main stitch size +1. Put open stitches of main pieces (or side loops where applicable) on same needles wrong sides facing and cast off together.
4. Release all pieces on waste yarn. Put right sides together with waste knitting sandwiched between. Crochet or backstitch through the open stitches.

#### TO KNIT THE SKIRT

Purl side of stocking stitch section is right side. The handle is down. The black strippers are used. Make a simple cast on on the back bed on 140 needles using waste yarn. Knit several rows ending with locks right. Change to black yarn and with lock setting GX/GX make a free move to the left. Using stitch size 6 change the lock setting to N/GX and knit 1 row. This row is for grafting the skirt together. Bring 140 needles to working position on the front bed arranged in Knit/knit position. Bring pushers out of the blocking rail under those needles. Insert card 9 as for the bodice. Bring the Deco unit across to programme the first row and attach it to the locks. Change the lock setting to N/BX with the left arrow key on the front lock pushed in. Change to orange strippers. Set the row counter to 000. Using stitch size 3½/3 knit in double bed Fair Isle until the row counter reads 080. Transfer all stitches to the back bed. Change to black strippers.

1. Knitters using Duomatic 80 and Duomatic 5 (machines having back bed pushers) continue to knit on the back bed. Change the lock setting to N/GX. Using stitch size 6 knit 1 row, then proceed to section headed 'All Machines'.

2. Knitters using Duomatic S (machines with front bed pushers only). Change the lock setting to N/GX. Using stitch size 6 knit 1 row in black yarn. Break off the yarn returning the eyelet to the holder. Change the lock setting to GX/GX, make a free move to the right. Select waste yarn. Change the lock setting to N/GX. Knit several rows in waste yarn and release from the



machine. Turn the work round so that the pattern side is away from you. Replace the stitches on 140 needles on the front bed. Select black yarn and with lock setting GX/GX make a free move to the left.

#### All Machines

Bring pushers out of the blocking rail under all stitches. Change the lock setting to BX/GX(1) or GX/BX(2). Set the row counter to 000. Bring 21 pushers at the right to rest position, leaving the remainder in working position. Knit 2 rows, remembering to hook the yarn in the inside needle with a pusher in rest position after 1 row (locks right). During the graduations which follows remember

to do this whenever the locks are at the right. \*Bring 7 pushers at the right to rest position. Knit 2 rows. \* Repeat from \* to \* until only 7 pushers remain in working position. The row counter reads 034. This completes a shaping section. Change the lock setting to GX/N. Knit right across the work until the row counter reads 094(098, 102). This completes a straight panel. Repeat these 94(98, 102) rows 6 times more (7 of each in all), then knit 1 more shaping panel. Finally knit 1 row on all stitches. Change to waste yarn. Knit 8 rows and release from the machine.

#### TO MAKE UP

Block out and steam all pieces well.

Sew up the shoulder seam and underarm seams. Attach the neck band and armhole band either by backstitching through the loops on the right side and hemming down inside, or by joining the pieces on the machine, or by using a linker. Graft the side of the skirt. Pin carefully to casing at the waist placing the FAIR ISLE skirt panel the same side as the shoulder seam. Link the top to the skirt in one of the three ways suggested for linking the bands. Unravel all waste yarn. Thread elastic through the casing at the waist and the hem at the neck edge. Make a very narrow rolled hem on the skirt, backstitching or using a linker.

## Lady's Hooded Jacket and Contrasting Skirt — S606

Pictured on  
page 39

#### SIZES

Jacket : 2 sizes.

To fit a 81-91 (97-107) cm, 32-36 (38-42) inch bust.

Skirt: 86 (91, 96, 102, 107) cm, 34 (36, 38, 40, 42) inch hip.

#### MACHINES

All Duomatic machines.

#### MATERIALS

As this garment is a Swiss original design we recommend the following yarns: Dakota 2 ply acrylic and wool available by mail order from Silverknit, Park Road, Calverton, Nottingham NG14 6LL, used two-fold throughout.

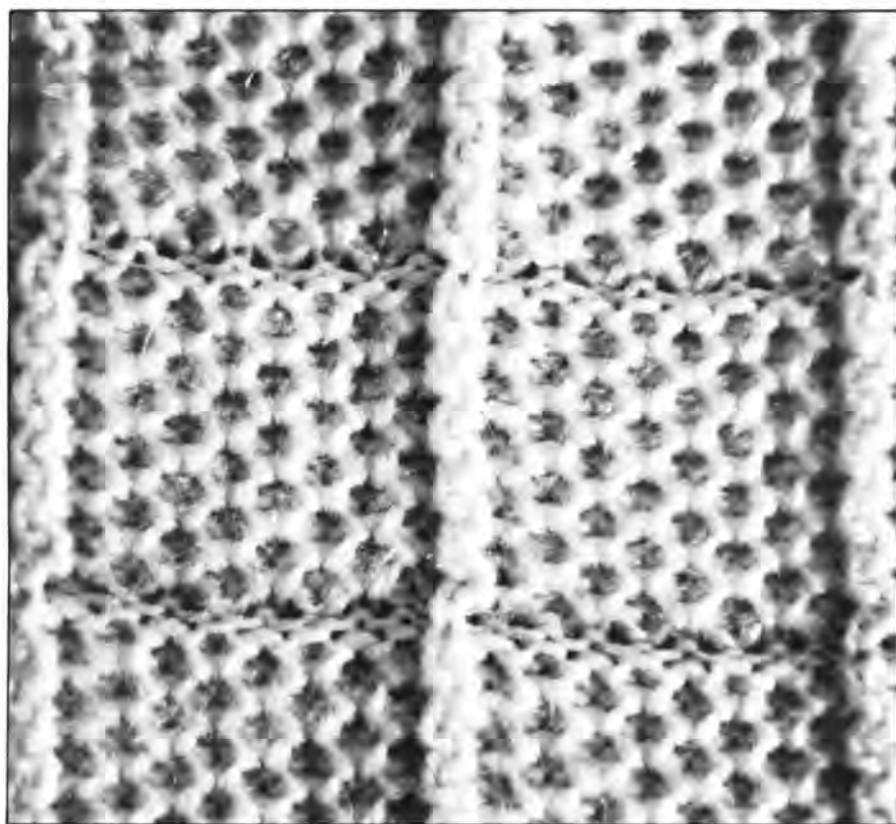
For the Jacket use No. 2820 (white): 5(6) x 200 gram cones. Additionally approximately 100 grams of any smooth 4 ply wool in white are needed, and approximately 100 grams of the yarn for the skirt. This has been allowed in the amount stated for the skirt. For the skirt use No. 2813 (navy) 4(4, 4, 5, 5) x 200 gram cones.

#### TENSION

Jacket: Fabric A Needle Diagram 1 (Back, Fronts, Sleeves, Hood). Over the width of 100 front bed needles a tension piece measures 50 cm. 100 rows measures 19 cm using stitch size 5 on the back bed, 6 on the front.

Fabric B Needle Diagram 2 (Facings, and Hood Lining). 100 stitches measures 46 cm and 100 rows measures 18 cm, using stitch size 6.

Skirt: Needle Diagram 3. Over the width of 100 front bed needles a



Jacket Fabric

tension piece measures 36 cm. 100 rows measures 19 cm, using stitch size 4 $\frac{3}{4}$  on the back bed and 5 on the front.

#### NOTES

When casting on for the back and fronts it is helpful to pass a nylon cord over the work and between the beds after the first row and to hold the two ends underneath the machine for the first few rows of the pattern. The blue strippers should be used if possible. Diagrams of end needle positions have

been given for each piece so that patterns match all round. Pushers are not shown in these diagrams — they are set according to Diagrams 1 and 2.

Numbers of stitches for increasing, decreasing and casting off refer to stitches of BOTH beds, contrary to our usual practice. This is because the fabric stretches width wise and the shaping is therefore much more even than if the back bed stitches were not counted separately. The skirt is knitted in 2 panels

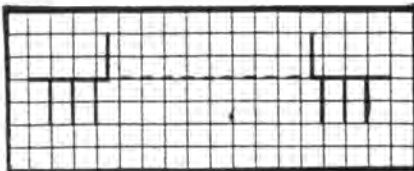
further adjustments to the size of skirt can be made if required as follows. The width of 6 front bed needles – 4 in working position and 2 in non-working position equals 2 cm approximately.

## TO KNIT

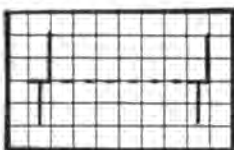
### JACKET BACK

The handle is up. The orange strippers are used. Over the width of 98(106) front bed needles arrange needles of both beds for a 1 x 1 rib cast on. The lock setting is N/N. Using stitch size 2½ cast on in white Dakota (two ends). Knit 1 row. Change the lock setting to CX/CX and using stitch size 4½ knit 2 rows. Change the lock setting to N/N. Using stitch size 5½ knit 1 row. Set the row counter to 000. The handle is down. Change to the blue strippers. Arrange the stitches and pushers for Fabric A, needle diagram 1, transferring stitches, and using purl loops on the opposite beds as necessary. The arrangement for the ends of the work is as follows :

#### Size 1



#### Size 2



These have been worked out for all the pieces so that the patterns match up when the garment is sewn together.

Change the lock setting to N/AX with the left arrow key pushed in on the front lock. Using stitch size 5/6 knit 20 rows. Change to white 4 ply wool. Change the lock setting to N/N. Knit 2 rows. These 22 rows form the pattern. Knit straight until the row counter reads 382.

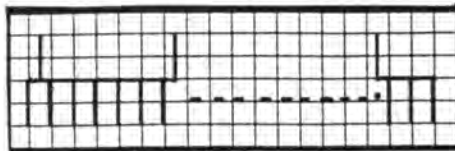
### Shoulder Shaping

At the beginning of the next 12 rows cast off stitches of both beds as follows:  
 Size 1: 7 stitches 6 times, 6 stitches 6 times. ( $3 \times 7 + 3 \times 6 = 39$  stitches both sides).  
 Size 2 :8 stitches 4 times, 7 stitches 8 times ( $2 \times 8 + 4 \times 7 = 44$  stitches both sides).  
 Row counter reads 394.  
 Cast off the remaining 34(36) stitches.

### RIGHT FRONT

Arrangement for ends on right front.

#### Size 1



#### Size 2



Cast on as for the back over the width of 66(70) front bed needles. Row counter 000. Change locks, strippers, stitch sizes and arrange pushers for Fabric A. Increase 1 stitch at the left, keeping the needle arrangement correct between the two beds and bringing a pusher out of the blocking rail into working position under every extra front bed needle when the row counter reads 023. After knitting 1 row arrange the extra pusher in pattern sequence if it is incorrectly positioned. It is necessary to have it in the knitting position, not the tucking position for the first row. Increase in this way every following 24th row always when the locks are at the left. Increase 12 times in all. Knit straight until the row counter reads 290. Set the row counter to 000. Continue knitting in pattern until it reads 015. Decrease 1 stitch at the left on the next and every following 16th row 8 times in all. Remember the pushers and keep the needle arrangement correct. AT THE SAME TIME when the row counter reads 092 work the shoulder shaping as follows.

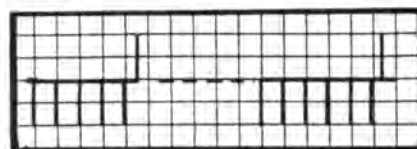
### Shoulder Shaping

At the beginning of the next row and following alternate rows cast off at the right as follows:  
 Size 1: 4 stitches 10 times, 5 stitches 8 times.  
 Size 2: 4 stitches 6 times, 5 stitches 12 times.  
 All stitches have now been decreased or cast off. The row counter reads 128.

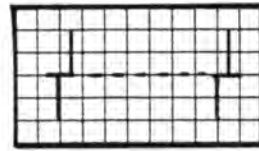
### Left Front

Knit as for the right front reversing all shapings. Also reverse the ends of the needle arrangement. Increasing begins when the row counter reads 024. Casting off for the shoulder begins when the row counter reads 093.

#### Size 1



#### Size 2



### SLEEVES (Knit 2 alike)

The handle is down. The black strippers are used. Make a simple single bed cast on on 60(64) front bed needles. Using stitch size 5 and Dakota knit 10 rows in stocking stitch. Change to blue strippers, Picking up purl loops bring needles to working position on the back bed for Fabric A. Arrange front bed pushers as before. Change the lock setting to N/AX with the front left arrow key pushed in. Change stitch size to 5/6. Set the row counter to 000 and knit the sleeve in pattern knitting until the row counter reads 010. Increase 1 stitch at both ends, keeping stitches on the correct beds as before. Since the arrow key will change the pushers as the lock is moved on the next row, pushers on extra front bed needles should be in rest position before the row is knitted. They can be left to knit for 2 rows and then put into pattern formation. Increase on the 10th and every following 10th row 26 times in all. Cast off loosely.

### HOOD

The hood is knitted in Fabric A. Cast on on needles 19 and 20 on the left of centre and on the back bed needle between them. There will then be sufficient needles at the right for the increasing. Knit in pattern, remembering to bring extra pushers out of the rail as before when increasing. Increase on either bed according to the pattern requirements. Set the row counter to 000. Knit 2 rows. Locks right. Increase 1 stitch at the right on the next and following alternate rows 75(85) times. Knit 3 rows. Increase 1 stitch at the right on the next and every following 4th row 37 times in all. Cast off loosely.

### Hood Lining and Facings for Jacket Fronts – Use Fabric 2. Knit on the front bed.

Cast on on needles 19 and 20 to the right of centre. The black strippers are used. Row counter 000. Knit 3 rows using stitch size 6. Locks left. Increase 1 stitch at the left on the next row and every following 4th row 37 times in all, remembering pushers under extra needles as before. Knit 1 row. Locks left. Increase 1 stitch at the left on the next row and every following

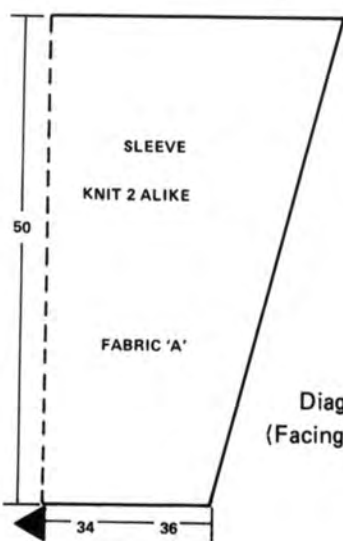
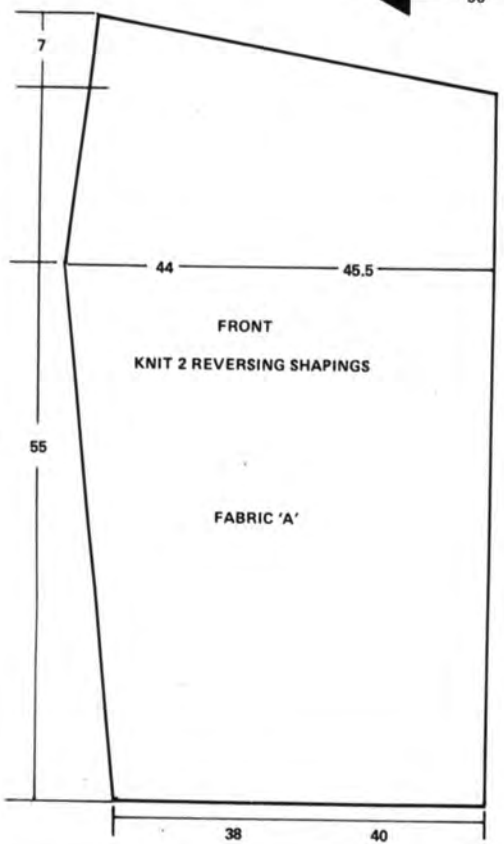
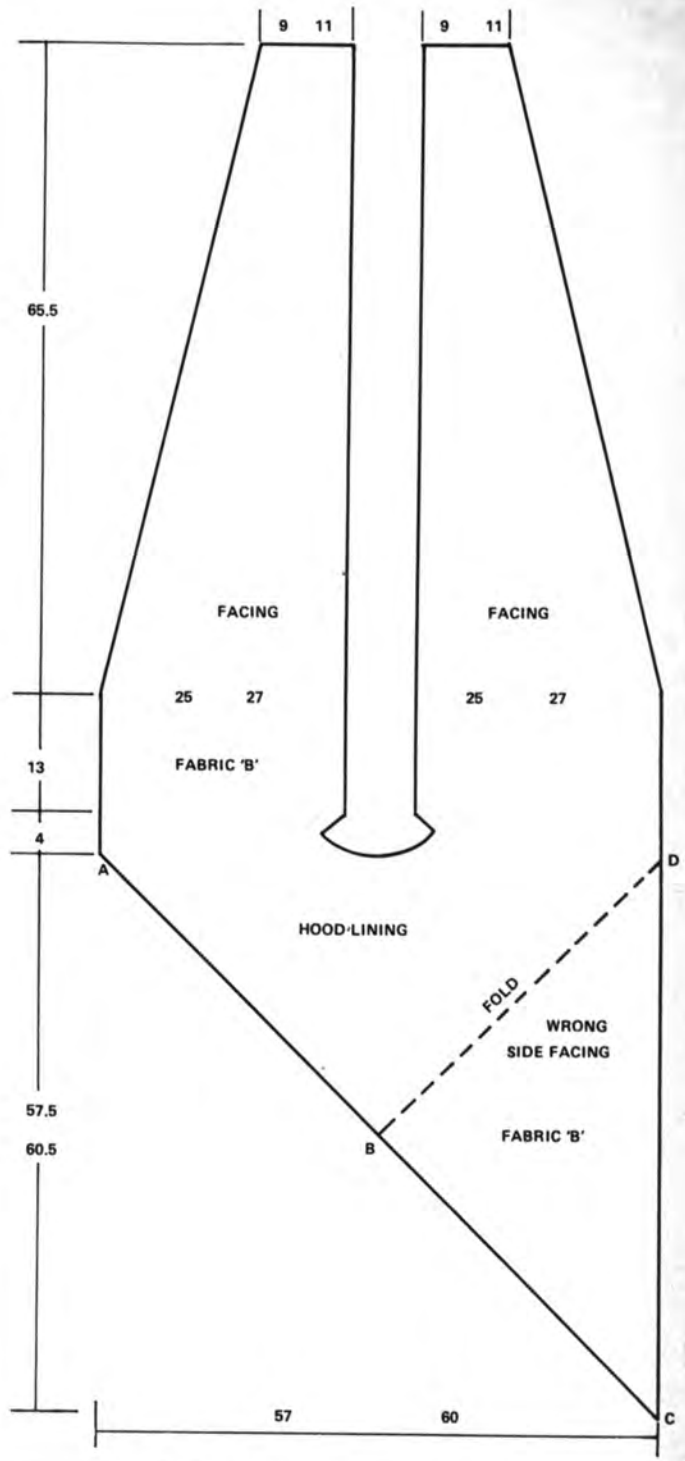
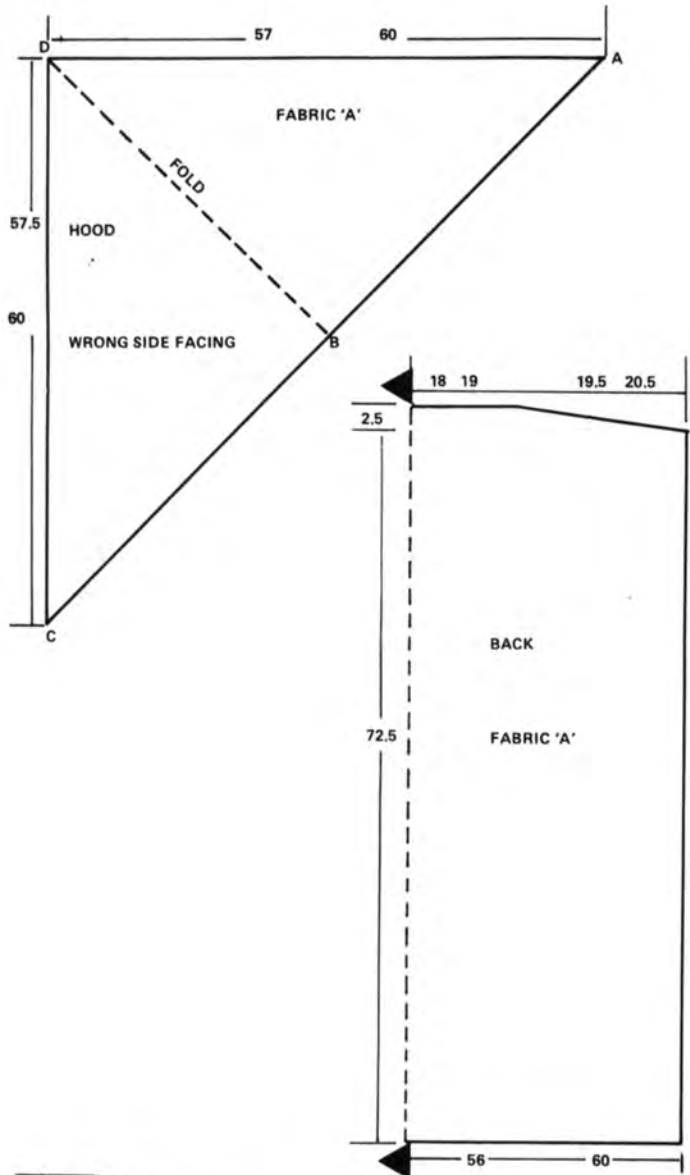
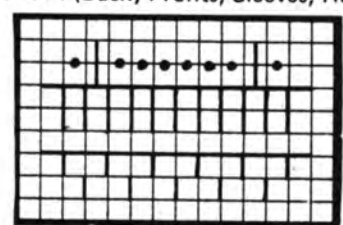


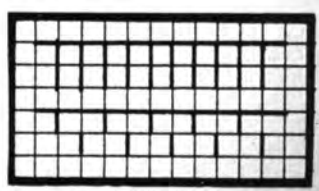
Diagram 1  
- Fabric A (Back, Fronts, Sleeves, Hood)



20 rows N/AX ← Dakota  
2 rows N/N 4 ply

Diagram 2 - Fabric B  
(Facings and hood lining)

AX ←



alternate row 85(95) times in all. Knit until the row counter reads 318 (330). Using a spare length of yarn cast off the centre 18 stitches. Be very careful about this as the work is not central on the machine. Transfer the stitches at the left to the back bed and knit 2 rows manually with waste yarn to protect the main knitting from the strippers. Set the back lock to GX.

#### Right side of work

\*Set the row counter to 000. Knit 1 row. Locks left. Decrease 1 stitch at the left on the next and following alternate rows 5 times in all. Knit 1 row. Locks left. Increase 1 stitch at the left on the next and following alternate rows 6 times in all. Knit straight until the row counter reads 094. Set the row counter to 000. Knit until the row counter reads 010. Decrease 1 stitch at the right on the next and every following 10th row 20 times in all. Knit 14 rows. Decrease 1 stitch at the right on the next and every following 14th row 14 times in all. Row counter reads 384. Cast off remaining stitches working from bed to bed as before. There are 20(23) stitches.\* Return the needles of the other side to the front bed first unravelling the waste yarn. Arrange pushers for the pattern. Knit from \* to \* reversing all shaping.

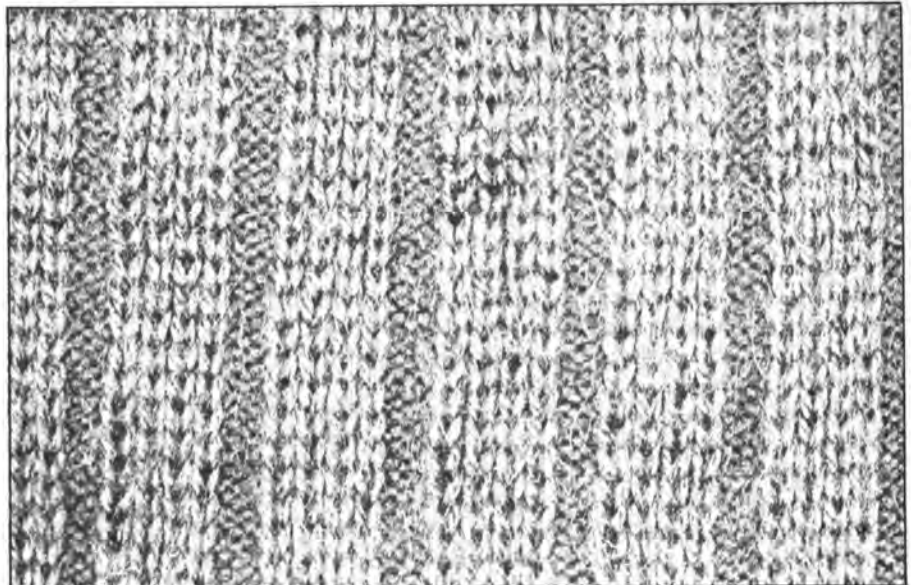
#### TRIMMINGS (knitted in navy blue)

Using the half-tubular setting cast on in waste yarn on both beds over a total of 296 needles. Knit 12 rows using stitch size 5. Cast off loosely. Make another piece the same size.

Make a 3rd trimming on one bed only on 100 needles, knitting 6 rows in navy and leasing on waste knitting. Make a tassel for the hood if desired.

#### TO MAKE UP

Block out all pieces to size and steam lightly. Leave to cool. Join the shoulder seams. Set in the sleeves. Pin and tack the hood on to the hood lining, wrong sides (knit side) inside, tacking round A B C D, leaving A D open. Fold the hood and lining in half along line B D, and seam together A B to C B, sewing on the edges. Sew the open edge of the hood, A D to the neck edges of fronts and back. Sew tape along back neck seam to prevent stretching. Sew the neck edge of the lining to the inside of the jacket. Seam the facings to the inside edges of the fronts. Join the side and sleeve seams. Fold stocking stitch at wrists in half and hem down inside. Slip hem the inside edges of the facings into position right down each front and along the bottom, taking care not to pull the work. Do not sew



Skirt Fabric

ON the long edges of the facings, but under them so that there is no bulge on the right side. Join the long trimmings into one piece. Pin the trimmings along the front edges and front of hood. Sew down on the right side back-stitching through the loops. Hem the cast off edge to the inside. Back-stitch the short trim along both edges to cover the seam on the hood. Sew on the tassel.

#### SKIRT (Knit 2 pieces alike)

The handle is down. The orange strippers are used. Arrange 133(139, 145, 151, 157) needles on both beds for Knit/knit. The lock setting is N/N. Using stitch size 1½ knit 1 row. Change the lock setting to CX/CX, stitch size 4. Knit 2 rows. Arrange the needles for the pattern, transferring stitches from the front to the back bed where necessary. Change the lock setting to N/N and stitch size to 4¾. Knit 1 row. Set the row counter to 000. Change the lock setting to N/CX and stitch size to 4¾/5. Knit straight until the row counter reads 381 adjusting length if necessary. Locks left.

#### WAISTBAND

On the back bed transfer 2 stitches opposite the front bed stitches to adjacent needles putting the empty needles out of work. Knit 1 row. Transfer all front bed stitches to the back bed. Change to black strippers. Change the locks to N/GX. Using

stitch size 6½ knit until the row counter reads 400. Cast off loosely.

#### TO MAKE UP THE SKIRT

Block out and press both pieces, face downwards. Mattress stitch the side seams. Provided the needle layout was correct according to the diagram the rib will be continuous all round. Hem the cast off edge of the waistband to the inside. Thread wide elastic through the waistband.

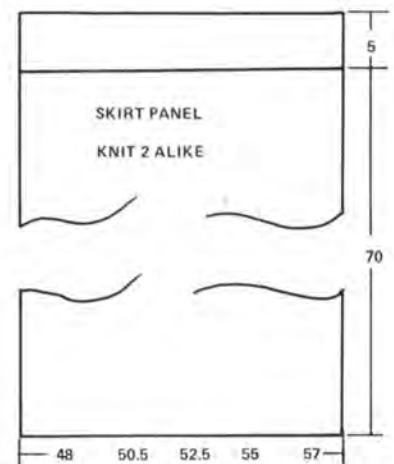
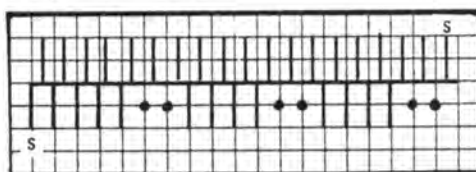


Diagram 3 – Skirt



N/CX s = seaming stitch

S604



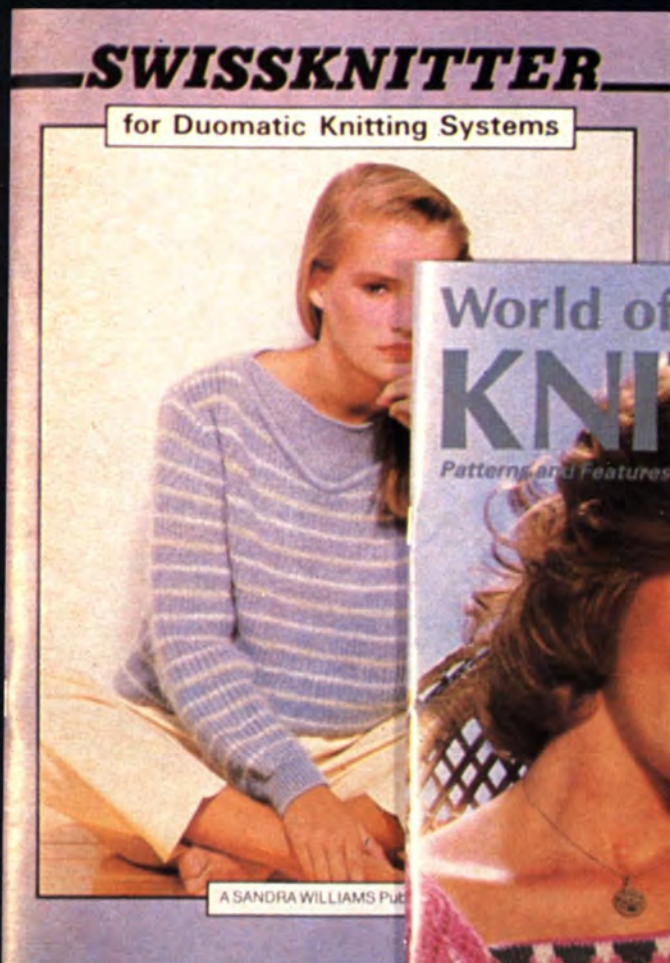
S605



S606



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