

brother



knitting
machine patterns
and designs

brother

A revolutionary
knitting machine
that weaves.
Now you can create
your own exclusive
garments. Weave your
own original fabrics
By the yard
Then simply cut
and shape to size.

The garments in this book
were designed and produced
by Lilian K. Donat

17/6

The Introduction is on page 40

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1

1 8 BUTTON PATTERN

First make two lengths of material according to instructions below. The larger piece will be used for cutting out the skirt and jacket following the diagram. The narrower piece is used for sleeves and collar. Facings are worked separately. The material is worked *sideways* which means that the jacket has no side seams and the skirt only one seam.

MATERIALS

Of Paton & Baldwins BEEHIVE 4 ply 20 (21) (22) ounces in colour A.

Of Paton & Baldwins MOORLAND Double Knitting Wool 5 (6) (7) ounces in colour B.
5 (6) (7) ounces in colour C.
3 (4) (4) ounces in colour D.

6 buttons.

24 inches leather thonging or braid for frogging.

Elastic to fit waist.

Lining for skirt (optional).

MEASUREMENTS

This suit can be made to fit bust sizes from 34 - 38 inches. Skirt length can be adjusted to personal requirements.

TENSION

16 sts. to 3 inches and 20 rows to 2 inches.

ABBREVIATIONS

K. knit; st.(s) stitch(es); PSB. Pattern Selector Buttons;
RD. Reverse Dial; SL. Set Lever; T. Tension; col. colour.

PATTERN

T.6. With colour A cast on 152 (156) (160) sts. K. 4 rows.

Set machine for weaving as follows:

Set Weaving knobs and weaving levers to position T.

1st row: PSB. 1,3,5 & 7. RD. on A. SL. to SET.

Lay in col. D and k. across.

2nd row: PSB. 1,3, & 5. SL. to SET. Lay in col. D and k. across.

3rd & 4th row: SL. to SET. Lay in col. B and k. across.

5th, 6th, 7th & 8th row: SL. to SET. Lay in col. C and k. across.

9th row: RD. on B. PSB. 1,3,5,7. SL. TO SET.

Lay in col. B and k. across.

10th & 12th row: RD. on A. SL. to SET. Lay in col. B and k. across.

11th & 13th row: As 9th row.

While continuing to alternate RD. from A to B on each row lay in col. C for next 2 rows then lay in col. B for the next 5 rows. These 20 rows form pattern and are repeated throughout. When 82 (86) (92) inches have been completed, break off all Double Knitting Wool and set machine for plain knitting. K. 4 rows. Cast off.

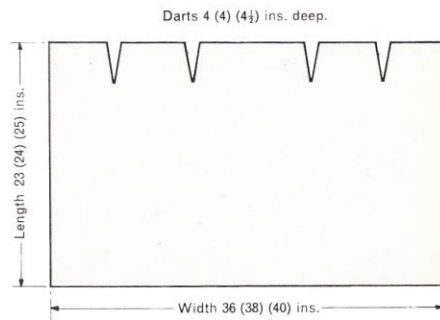
Work the piece for **Sleeves** in the same way but cast on 128 (132) (136) sts. and make it 30 (31) (32) inches long.

TO MAKE UP

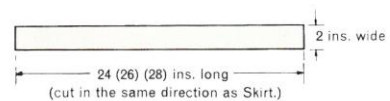
Press both pieces on wrong side under a damp cloth. Make pattern according to diagram and to your own size.

Lay Jacket pattern on main piece and pin on. Tack all round. Remove paper pattern and, using small stitches, machine twice along lines beyond which the material is going to be cut. Cut out sleeves from the narrower piece of material in the same way. Join shoulder and sleeve seams. Set in sleeves. Cut strip for collar $1\frac{1}{2}$ inches wide and 16 - 17 inches long. Sew to Jacket leaving 1 inch free at each end of neck.

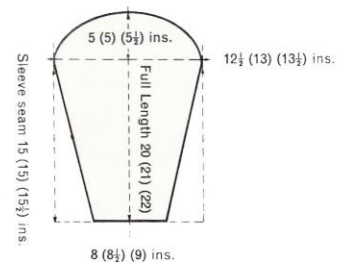
Skirt



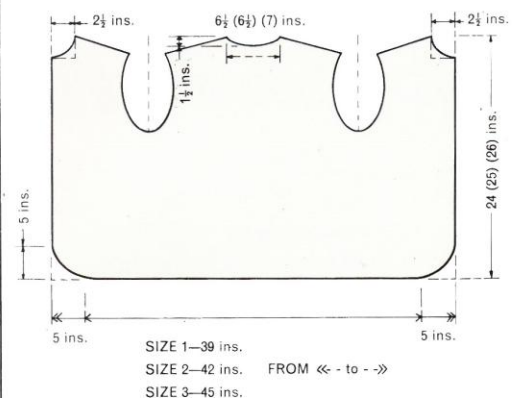
Waistband



Sleeve



Jacket



2 & 3



8 8 BUTTON PATTERN ONLY

COAT

MATERIALS

Of Paton & Baldwins BEEHIVE 4 ply
28 (30) (32) ounces in White
32 (34) (36) ounces in Black.

MEASUREMENTS

To fit Bust 34 (36) (38) inches. Length 38 (39) (40) inches.
Sleeve seam 16 (17) (18) inches.

TENSION

6½ stitches and 12 rows to 1 inch.

ABBREVIATIONS

K. knit; st.(s) stitch(es); beg. beginning; inc. increase; dec. decrease; rep. repeat; T. tension; alt. alternate; W. white; B. black. 000 set row counter at 0. B..black.

BACK

T. 5. With B. cast on 140 (146) (152) sts. K. 10 rows. 000. Change to T. 5 and work according to pattern chart No. 95 on page 85 until 5..(360) (366) rows have been completed.

Shape Armholes: 000. Cast off 5 sts. at the beg. of the next 2 rows, 4 sts. at the beg. of the following 2 rows, 3 st. at beg. of the next 2 rows and 2 sts. at beg. of the following 4 rows. (108/114/120 sts.) Work without shaping until 72 (78) (84) rows have been completed.

Shape Shoulders: Cast off 10 sts. at the beg. of the next 6 rows. Cast off.

FRONT

Cast on 72 (78) (84) sts. and work as for Back up to Armhole Shaping.

Shape Armhole: 000. At right-hand side cast off on alt. rows as follows: 5 sts. once, 4 sts. once, 3 sts. once and 2 sts. twice. (56/62/68 sts.) Work without shaping until 40 (46) (52) rows have been completed.

Shape Neck: At left-hand side cast off as follows:

First Size: At the beg. of next and every alt. row cast off 2 sts. until 30 sts. remain.

Second Size: At the beg. of next and following alt. row cast off 3 sts. On following alt. rows cast off 2 sts. until 30 sts. remain.

Third Size: As second, but dec. 3 sts. on first 4 alt. rows. Make the other Front in the same way with shapings in reverse.

SLEEVES

T.5. Cast on 66 (70) (74) sts. in B. K. 10 rows. Change to T. 5.. 000. Work in pattern and inc. 1 st. at beg. and end of every 8th row until there are 116 (120) (124) sts. Work 10 rows without shaping.

Shape Top: At beg. of next and following rows cast off: 5 sts. twice, 3 sts. twice and 2 sts. twice. 000. Now dec. 1 st. at beg. and end of alt. rows until 60 (66) (72) rows have been completed. Cast off.

FRONT BAND

With B. cast on 15 sts. T. 4. K. strip long enough to fit front edge. Shape corner as follows:

Dec. 1 st. at beg. and end of every alt. row until 3 sts. remain. Put these on 1 needle and cast off together. Make another Band in the same way.

9 8 BUTTON PATTERN ONLY

DRESS

MATERIALS

Of Paton & Baldwins BEEHIVE 4 ply
20 (21)(22) ounces in Black
16 (17)(18) ounces in White.

MEASUREMENTS

Bust 34 (36) (38) inches. Length 37 (38) (39) inches.

TENSION

6½ stitches and 12 rows to 1 inch.

ABBREVIATIONS

K. knit; st.(s) stitch(es); beg. beginning; inc. increase; dec. decrease; rep. repeat; alt. alternate; T. tension; HCL. Holding Cam Lever; B. black; W. white; 000 set row counter at 0.

BACK

T.5. Cast on 120 (126) (132) sts. in B. k. 12 rows. 000. Change to T. 5, and work in pattern (see Coat) until 312 (322) (332) rows have been completed.

Shape Armholes: 000. At beg. of next and following rows cast off 3 sts. twice, 2 sts. twice and 1 st. twice. (108/114/120 sts.)

Continue in pattern until 90 rows (all sizes) have been completed.

Shape Neck: Using separate thread cast off 32 (all sizes) centre sts. HCL's. II. Put needles away from carriage into position E and work on one side only. Cast off at neck edge on alt. rows as follows: 6 sts. once (all sizes), 3 (4) (5) sts. twice. At the same time **Shape Shoulder** by casting off 9 (10) (11) sts. at armhole edge on alt. rows three times.

Work the other side of neck in the same way.

FRONT

Work as for Back until 78 rows from Armhole have been completed.

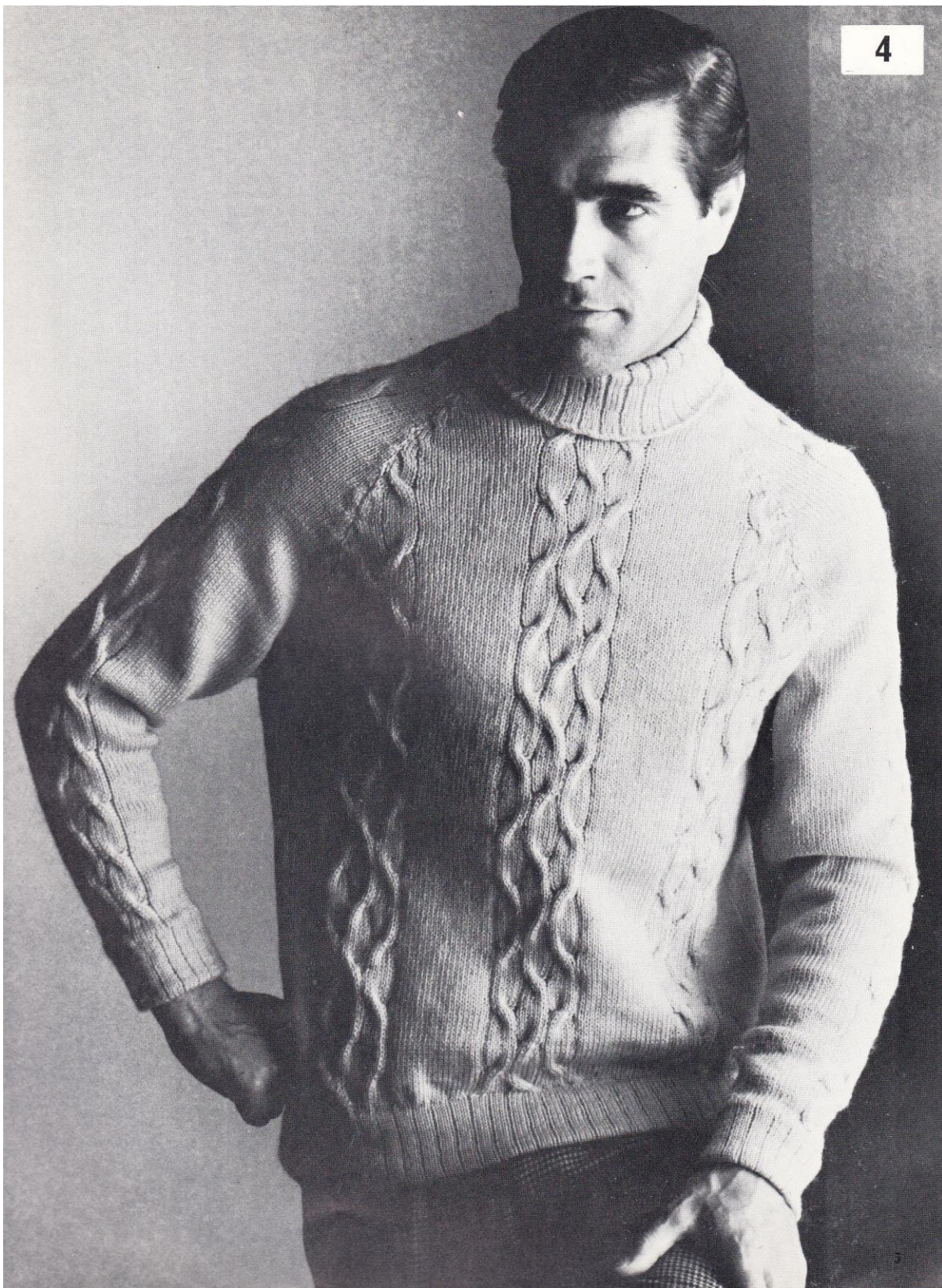
Shape Neck: Using separate thread cast off 30 centre sts. HCL. II. Put needles away from carriage into position E and work on one side of neck only. Cast off at neck edge on alt. rows as follows: 8 sts. twice, 6 sts. four times and on two larger sizes only 3 (6) sts. once. (27/30/33 sts. remain.) When 90 rows (all sizes) have been completed **Shape Shoulder** by casting off 9 (10) (11) sts. at armhole edge on alt. rows. Work the other side of neck in the same way.

SIDE INSERTIONS

T.4..With B. cast on 20 sts. k. 14 (15) (16) inches. Dec. 1 st. at beg. and end of next and every 12th row until 8 sts. remain. Continue without shaping until insertion is long enough to reach armhole, allowing turn-up for hem. K. 6 more rows. Cast off.

NECKBAND

With B. cast on 15 sts. T.4..Work on the cross by increasing 1 st. at right-hand side of alt. rows and decreasing 1 st. at left-hand side of alt. rows. Work until band fits round neck when slightly stretched. Cast off.



4 8 BUTTON AND 4 BUTTON PATTERN

MATERIALS

Of Robin COLORAMA Double Knitting 24 (26) (28) ounces.

MEASUREMENTS

To fit Chest 38-40 (40-42) (42-44) inches.
Length 26 (27) (27) inches.
Sleeve seam 19 (19) (20) inches.

TENSION

6½ sts. and 8½ rows to 1 inch.

ABBREVIATIONS

k. knit; st.(s) stitch(es); inc. increase; dec. decrease; rep. repeat; T. tension.

NOTE

- (a) The welts and cuffs are worked afterwards.
(b) For easier knitting the wool should be waxed.

BACK

With odd wool cast on 140 (148) (154) sts. and k. 6 rows waste. T.9, break off waste and thread wool. K. 100 (108) (116) rows.

First size: Shape Raglan: With treble ended transfer tool shift first and last 3 sts. inwards onto the following 3 needles so that there are 2 sts. on each of the first and last 3 needles. Rep. this dec. on every 6th row seventeen times.

2nd & 3rd Size: Cast off 3 (4) sts. at the beg. of the next 2 rows. Now dec. as for first size on every 6th row eighteen times. Take sts. off machine and replace with k. side facing.

Collar: Change to T. 6 and k. 60 rows. Make rib of 3 x 1 by dropping every 4th st. and latching it up k. wise.
Cast off very loosely in rib.

FRONT

Work waste as for Back. Set for Cable Pattern as follows:

First Size: Counting from the side leave 19 sts. on first 19 needles.* Transfer next st. onto following needle and put empty needle into position A, * leave 6 sts. on next 6 needles and transfer next st. onto following needle and put empty needle into position A. * Rep. from * to * twice. You now have three groups of 6 sts. each, bordered by one empty needle on each side. Leave 18 sts. on next 18 needles. Rep. from * to * once then from * to * and leave last 19 sts. on last 19 needles.

2nd & 3rd Size: Set in the same way but leave 21 (22) sts. at beg. and end of row and 20 (22) sts. between cable groups. K. 8 rows.

9th row: Cross the 6 cable sts. in each *centre* group so that the 3 sts. on right side come over 3 sts. on left side. K. 8 rows.

Next row: Cross sts. of outer groups as follows: on first group cross right 3 sts. over left 3 sts. and on 3rd group cross left 3 sts. over right 3 sts.

K. 8 rows. These 16 rows form pattern, but when crossing centre cable sts. next time, put left over right. On next crossing in two outer groups reverse the crossing which you did before on these 2 groups.

Shape Raglan as for Back.

When Front measures 21½ (21½) (22) inches—

continued on page 34

5 8 BUTTON AND 4 BUTTON PATTERN

MATERIALS

Of Patons BOUCLET 5 (6) (7) ounces in colour A.
1 ounce (all sizes) in colour B.

MEASUREMENTS

Chest 25 (26) (27) inches. Length 22 (23) (24) inches.

TENSION

Approximately 5½ sts. to 1 inch.

ABBREVIATIONS

K. knit; st.(s) stitch(es); beg. beginning; inc. increase; dec. decrease; rep. repeat; trans. transfer; n. needle; alt. alternate; T. tension; HCL. Holding Cam Lever; PSB. Pattern Selector Button; SL. Set Lever; 000 set row counter at 0. RD..Reverse Dial..

BACK

T. 9 With colour A cast on 134 (140) (146) sts. K. 16 rows.

Make Hem: Fold and slip each cast-on st. over the corresponding n. K. across.

Thread colour B and k. 2 rows.

000. Work in Pattern as follows: Carriage at left.

For KH-551

HCL's I, press both PART Buttons, PSB. 1 & 2, SL. to SET.

With colour B k. 1 row from left to right.

SL. to SET, with colour B. k. 1 row from right to left. SL. to Off.

PSB. 3 & 4, SL. to SET. With colour A k. 1 row from left to right.

SL. to SET, with colour A k. 1 row from right to left. SL. to Off.

Rep. these 4 rows three times. (16 rows).

17th row: PSB. 3 & 4, SL. to SET. With colour B k. 1 row.

18th row: SL. to SET. With colour B k. 1 row. SL. to OFF.

19th row: PSB. 1 & 2, SL. to SET. With colour A k. 1 row.

20th row: SL. to SET. With colour A k. 1 row. SL. to OFF.

Rep. these 4 rows until 28th row has been completed.

29th row: PSB. 1 & 2, SL. to SET. With colour B k. 1 row.

30th row: SL. to SET. With colour B k. 1 row. SL. to OFF.

31st row: PSB. 3 & 4, SL. to SET. With colour A k. 1 row.

32nd row: SL. to SET. With colour A k. 1 row. SL. to OFF.

Rep. these 4 rows until 36th row has been completed. Break off colour B and k. 2 rows.

For KH-580

HCL's on I, RD on A, press both PART buttons, PSB. 1,2,5, & 6, SL. to SET. With colour B. k. 1 row from left to right. SL. to SET, with colour B. k. 1 row from right to left. RD. to B. SL. to SET. With colour A k. 1 row from left to right. SL. to SET, with colour A k. 1 row from right to left.

Rep. these 4 rows three times (16 rows).

17th row: RD. to A. PSB. 3,4,7 & 8. SL. to SET. With col. B. k. 1 row.

18th row: SL. to SET. With col. k. 1 row.

19th & 20th row: RD. to B. SL. to SET. With col. A. k. 1 row. SL. to SET. With col. A k. 1 row.

Rep. these 4 rows until 28th row has been completed.

29th row: RD. to A. PSB. 1,2,5, & 6. SL. to SET. With col. B. k. 1 row.

30th row: SL. to SET. With col. B. k. 1 row.

31st row: RD. to B, SL. to SET. With col. A. k. 1 row.

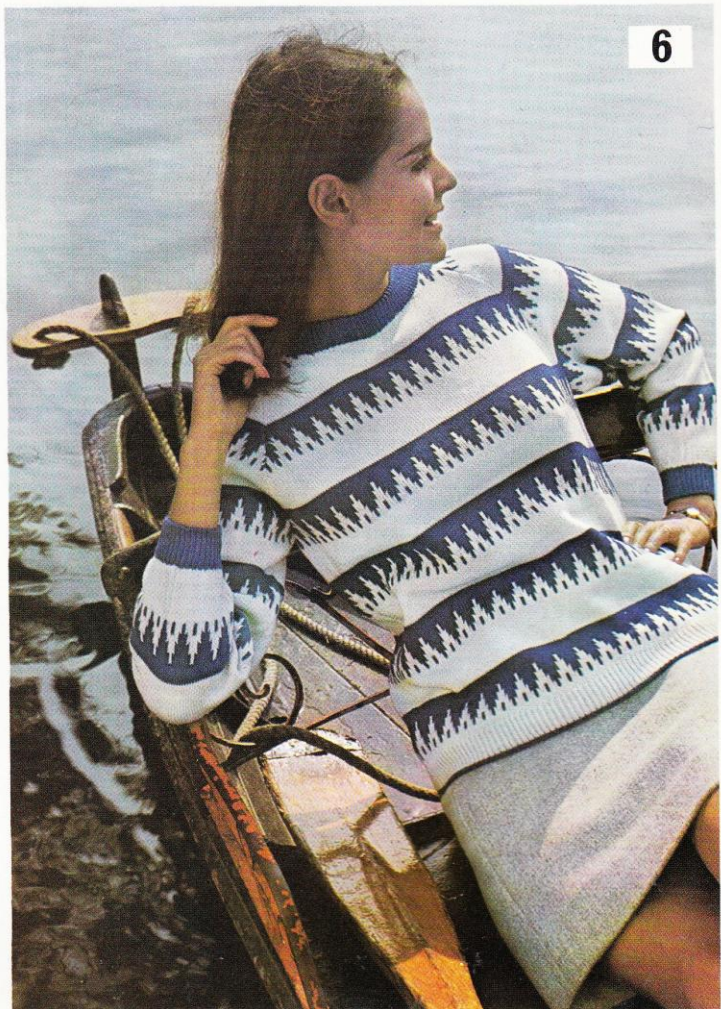
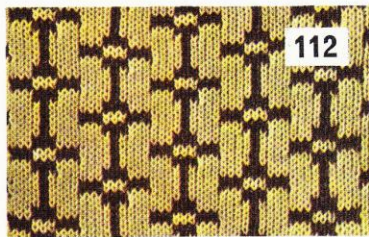
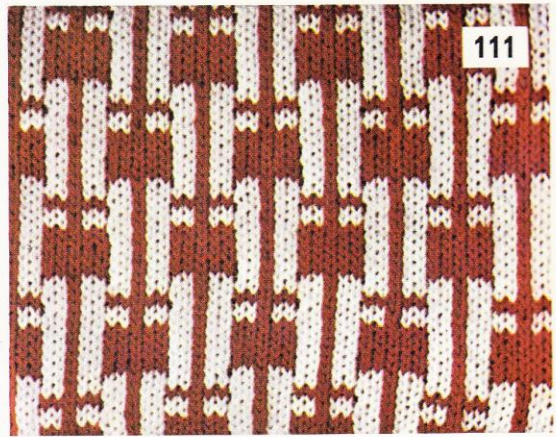
32nd row: SL. to SET. With col. A. k. 1 row.

Rep. these 4 rows until 36th row has been completed. Break off colour B. and k. 2 rows. (NOTE. Return RD to A.)

continued on page 34



FAIR ISLE PATTERN CHARTS on page 89



6 8 BUTTON PATTERN (Automatic)

4 BUTTON PATTERN (Non-automatic)

MATERIALS

Of Emu SUPER CRIMP BRI-NYLON 3 ply
7 (8) (9) ounces in colour A.
5 (6) (7) ounces in colour B.

MEASUREMENTS

Bust 34-36 (36-38) (38-40) inches. Length 21 (22) (23) inches.
Sleeve seam 16 inches (all sizes).

TENSION

10 stitches and 12½ rows to 1 inch.

ABBREVIATIONS

K. knit; st.(s) stitch(es); inc. increase; dec. decrease; rep. repeat; beg. beginning; HCL. Holding Cam Lever; PSB. Pattern Selector Button; SL. Set Lever; RD. Reverse Dial (K.H. 580 Machine only); T. tension; 000 Set row counter at 0. alt. alternate; beg. beginning.

PATTERN

for K.H. 551

HCL. I. Press both PART Buttons. * PSB. 1, SL. to SET. With colour A k. 1 row * rep. from * to * once.
* PSB. 2, 3 & 4, SL. to SET. K. 1 row * Rep. from * to * once. Rep. the last 4 rows once, then work according to chart until 40 pattern rows are completed. Thread colour B and k. 22 rows.

for K.H. 580

*HCL's. I. Press both PART Buttons. RD.on A. PSB.1 & 5. SL. to SET. K. 2 rows with colour A, and always SL. to SET. RD. on B. With colour B. K. 2 rows as before. * Rep. from * to * once. Release PSB. and set PSB. 1, 2 & 8. Always put SL. on SET. With colour A and RD. on A. K. 2 rows.
With colour B and RD. on B k. 2 rows. Rep. the last 4 rows once. Release PSB. and set PSB. 1, 2, 3, 7 & 8. With colour A and RD. on A k. 2 rows. With colour B and RD. on B k. 2 rows. Rep. the last 4 rows once. Release PSB. and set PSB. 1, 2, 3, 4, 6, 7 & 8 and with RD. on A with colour A k. 2 rows. With colour B and RD. on B k. 2 rows. Rep. the last 4 rows once. K. 8 rows in colour A. K. 22 rows in colour B. These 62 rows are repeated throughout.

BACK

T.2. With colour A cast on 166 (176) (186) sts. K. 4 rows. Break off colour A and thread colour B. K. 18 rows. Drop every alt. st. down to cast-on row and latch up k. wise. Change to T.3 and work in pattern until 3 patterns are completed. 000.

1st Size: Shape Raglan: Cast off 3 sts. at the beg. of the next 2 rows. Now work as follows: * K. 2 rows. Dec. 1 st. at beg. and end of next row * Rep. from * to * until 168 rows have been completed. From now onwards dec. 1 st. at beg. and end of every 6th row for 36 rows.

2nd Size: Work in pattern for 16 rows then shape Raglan as for 1st Size.

3rd Size: Instead of 3, complete 4 patterns from beg. then shape Raglan as for 1st Size.

Neckband T.3. (All sizes alike) With colour A k. 10 rows. Change to T.2 and k. 16 rows then change back to T.3 and k. 10 rows. Drop every alt. st. and convert to rib as for welt. Cast off loosely.

FRONT

Work as for Back until 5 (5) (6) patterns have been completed (this includes part of Raglan shaping).

Shape Neck: Put 40 centre sts. (all sizes) on spare thread,

put needles away from carriage into position E and work on one side only.

HCL's. III. Continue to shape Raglan and at the same time dec. 1 st. at neck edge on every row until 3 sts. remain. Put these on 1 needle and cast off together. Work the other side of Neck in the same way.

SLEEVES

T.2. With colour A cast on 70 (78) (86) sts. K. 20 rows and convert to rib as for welt. Break off colour A and thread colour

B. T.3. Work in pattern and inc. 1 st. at beg. and end of every 6th row thirty-one times (all sizes). Work until 224 (224) (224) rows have been completed.

Shape Raglan: As for Back until 8 (12) (16) sts. remain. Put these sts. on spare thread.

Make the other Sleeve in the same way.

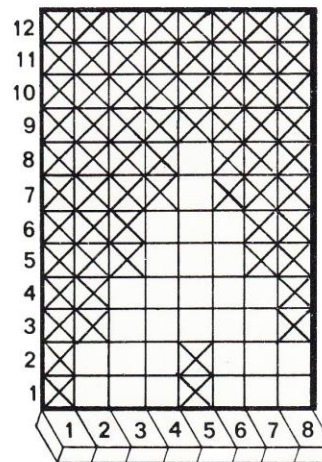
NECKBAND

With wrong side facing put 40 centre sts. in centre of machine. Pick up 18 sts. up each side of neck. Put sts. from sleeve top on adjacent needles at each side. T.3. With colour A k. 10 rows. Change to T.2 and k. 16 rows then change back to T.3 and k. 10 rows. Drop every alt. st. and convert to rib as for welt. Cast off.

TO MAKE UP

Pin out and press all parts under a damp cloth. Set in raglan sleeves. Join side and sleeve seams. Fold over neckband and slip-stitch on inside. Press seams.

Chart 6A



N.B. Each step on chart represents 2 rows of knitting.

Each X = 2 stitches. Colour A

Each □ = 2 stitches. Colour B

7 8 BUTTON AND 4 BUTTON PATTERN

MATERIALS

13 (14) (15) ounces Mariner's 5860 4 ply.

MEASUREMENTS

Bust 32 (34) (36) inches.

Length 24 (24) (24) inches.

Sleeve 11 (11) (12) inches.

TENSION

14½ stitches and 20 rows to 2 inches.

ABBREVIATIONS

K, knit; p, purl; st.(s) stitch(es); beg. beginning; inc. increase; dec. decrease; rep. repeat; trans. transfer; alt. alternate; n. needle; HC. holding cam lever; T. tension; 000. Set row counter at 0.

BACK

T. 3., Cast on 116 (124) (132) sts. K. 30 rows.

Make Hem. Slip each cast-on st. over corresponding n.

Change to T. 4 and k. 1 row. 000. *K. 19 rows. **20th row: Make**

Tuck: Pick up loops from 3 rows down and hang each one over corresponding n. K. across. * Rep. from * to * until 150 (150) (150) rows have been completed.

Shape Raglan. Cast off 4 sts. at the beg. of the next 2 rows.

Dec. 1 st. at beg. and end of every 3rd row until 58 (66) (72) sts. remain.

Shape Neck. Put 12 (14) (16) centre sts. onto another thread. Put n. away from carriage into position E. HCL's on III. Continue to shape Raglan and at the same time cast off at neck edge as follows: 3 (4) (5) sts. twice, 2 sts. three times and 1 st. four times. When 3 sts. remain put these on one n. and k. off by hand.

Bring n. in position E back into position C and work the other side of neck in the same way.

FRONT

Work in the same way as for Back until 69th row after armhole has been completed.

Shape Neck. Put 12 (14) (16) centre sts. onto another thread. Put n. away from carriage into position E. HCL's on III. Continue to shape Raglan and at the same time cast off at neck edge as follows: 3 (4) (5) sts. once, 2 sts. four times and 1 st. four times. When 3 sts. remain, put these on to one n. and k. off by hand. Bring n. in Position E. back into position C. and work other side of neck in the same way.

SLEEVES

T. 3., Cast on 66 (66) (68) sts. K. 24 rows. Make hem as for Back. 000.

Work in pattern as follows:

1st row T. 10. Using multiple transfer tool, trans. every alt. st. 1 n. to the right, k. across.

Change back to T. 4 and k. 3 rows.

These 4 rows form pattern.

Inc. 1 st. at beg. and end of every 6th row until there are 96 (96) (98) sts. Work until 80 (80) (86) rows have been completed.

Shape Top 000. Cast off 4 sts. at beg. of the next 2 rows.

Dec. 1 st. at beg. of every row until 26 (26) (28) sts. remain. Cast off.

Make the other sleeve in the same way.

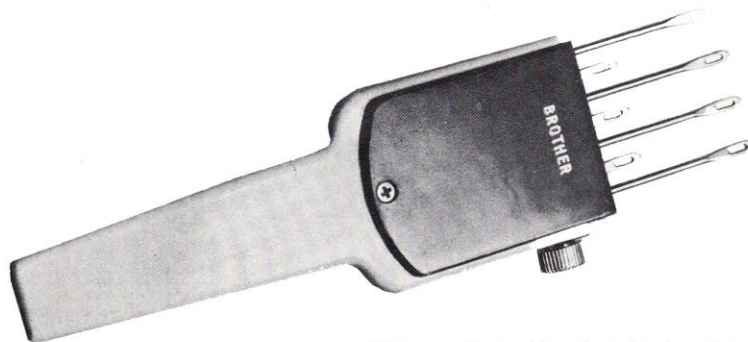
COLLAR

T. 4. Cast on 156 (156) (156) sts. Starting with 2nd row work 32 rows in sleeve pattern. Cast off loosely.

TO MAKE UP

Pin out and press under a damp cloth. Set in raglan sleeves. Join side and sleeve seams. Join short ends of collar to form circle. Sew cast-on edge to cast-off edge with flat seam. Fold so that seam is at centre back. Sew along neck edge along line of this seam. Press seams.

MULTIPLE TRANSFER TOOL



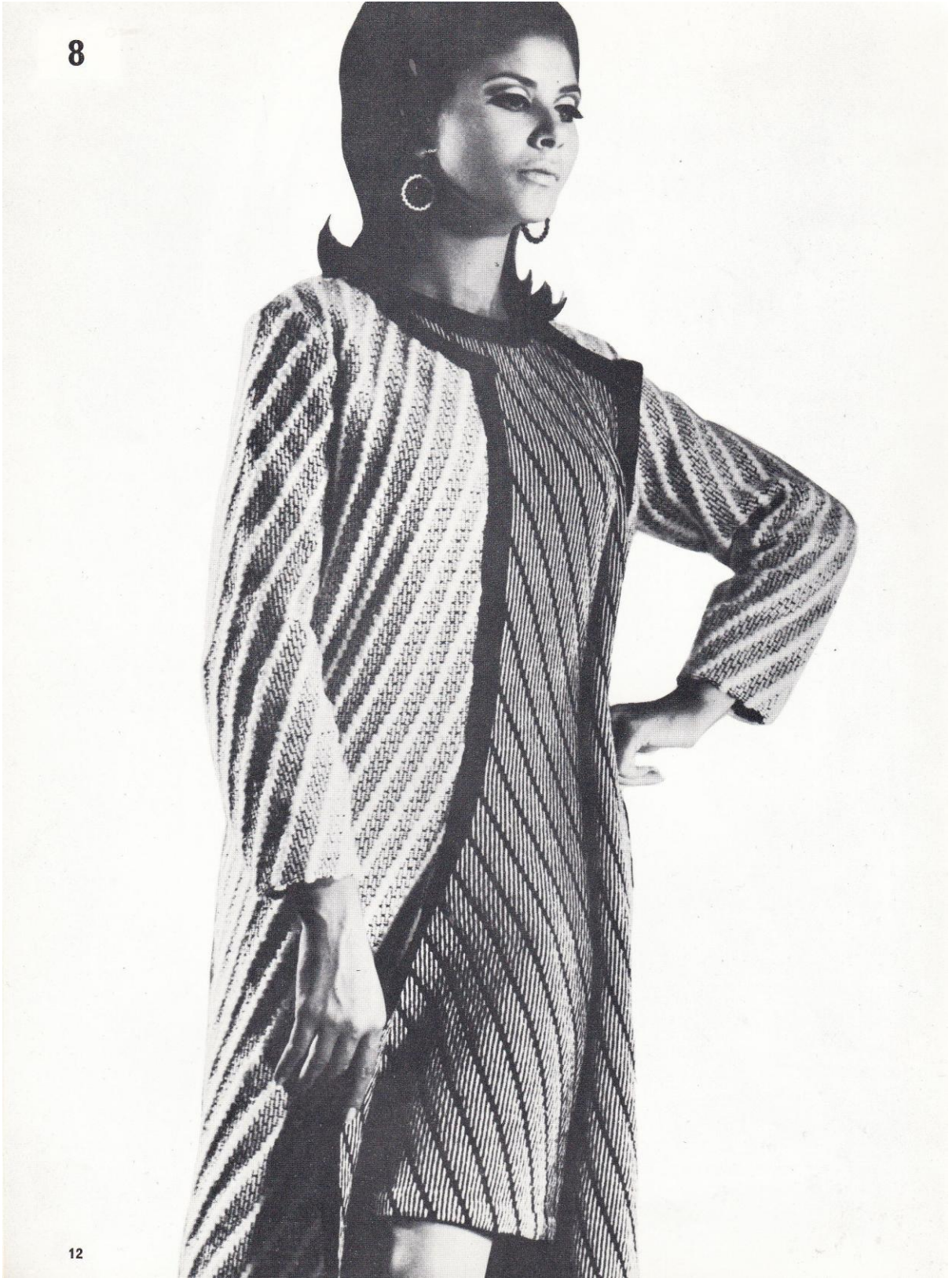
This transfer tool is adjustable to use anything from one to seven needles.

You can select any combination of needles required, including every alternate needle.

It is particularly useful for doing lacy patterns, picot edges, and for fully fashioned decreasing on every 6th or 7th stitch.



8



12



8 8 BUTTON PATTERN ONLY

COAT

MATERIALS

Of Paton & Baldwins BEEHIVE 4 ply
28 (30) (32) ounces in White
32 (34) (36) ounces in Black.

MEASUREMENTS

To fit Bust 34 (36) (38) inches. Length 38 (39) (40) inches.
Sleeve seam 16 (17) (18) inches.

TENSION

6½ stitches and 12 rows to 1 inch.

ABBREVIATIONS

K. knit; st.(s) stitch(es); beg. beginning; inc. increase; dec. decrease; rep. repeat; T. tension; alt. alternate; W. white; B. black. 000 set row counter at 0. B..black.

BACK

T. 5. With B. cast on 140 (146) (152) sts. K. 10 rows. 000. Change to T. 5 and work according to pattern chart No. 95 on page 85 until 5..(360) (366) rows have been completed.

Shape Armholes: 000. Cast off 5 sts. at the beg. of the next 2 rows, 4 sts. at the beg. of the following 2 rows, 3 st. at beg. of the next 2 rows and 2 sts. at beg. of the following 4 rows. (108/114/120 sts.) Work without shaping until 72 (78) (84) rows have been completed.

Shape Shoulders: Cast off 10 sts. at the beg. of the next 6 rows. Cast off.

FRONT

Cast on 72 (78) (84) sts. and work as for Back up to Armhole Shaping.

Shape Armhole: 000. At right-hand side cast off on alt. rows as follows: 5 sts. once, 4 sts. once, 3 sts. once and 2 sts. twice. (56/62/68 sts.) Work without shaping until 40 (46) (52) rows have been completed.

Shape Neck: At left-hand side cast off as follows:

First Size: At the beg. of next and every alt. row cast off 2 sts. until 30 sts. remain.

Second Size: At the beg. of next and following alt. row cast off 3 sts. On following alt. rows cast off 2 sts. until 30 sts. remain.

Third Size: As second, but dec. 3 sts. on first 4 alt. rows. Make the other Front in the same way with shapings in reverse.

SLEEVES

T.5. Cast on 66 (70) (74) sts. in B. K. 10 rows. Change to T. 5., 000. Work in pattern and inc. 1 st. at beg. and end of every 8th row until there are 116 (120) (124) sts. Work 10 rows without shaping.

Shape Top: At beg. of next and following rows cast off: 5 sts. twice, 3 sts. twice and 2 sts. twice. 000. Now dec. 1 st. at beg. and end of alt. rows until 60 (66) (72) rows have been completed. Cast off.

FRONT BAND

With B. cast on 15 sts. T. 4. K. strip long enough to fit front edge. Shape corner as follows:

Dec. 1 st. at beg. and end of every alt. row until 3 sts. remain. Put these on 1 needle and cast off together. Make another Band in the same way.

9 8 BUTTON PATTERN ONLY

DRESS

MATERIALS

Of Paton & Baldwins BEEHIVE 4 ply
20 (21)(22) ounces in Black
16 (17) (18) ounces in White.

MEASUREMENTS

Bust 34 (36) (38) inches. Length 37 (38) (39) inches.

TENSION

6½ stitches and 12 rows to 1 inch.

ABBREVIATIONS

K. knit; st.(s) stitch(es); beg. beginning; inc. increase; dec. decrease; rep. repeat; alt. alternate; T. tension; HCL. Holding Cam Lever; B. black; W. white; 000 set row counter at 0.

BACK

T.5. Cast on 120 (126) (132) sts. in B. k. 12 rows. 000. Change to T. 5. and work in pattern (see Coat) until 312 (322) (332) rows have been completed.

Shape Armholes: 000. At beg. of next and following rows cast off 3 sts. twice, 2 sts. twice and 1 st. twice. (108/114/120 sts.)

Continue in pattern until 90 rows (all sizes) have been completed.

Shape Neck: Using separate thread cast off 32 (all sizes) centre sts. HCL's. II. Put needles away from carriage into position E and work on one side only. Cast off at neck edge on alt. rows as follows: 6 sts. once (all sizes), 3 (4) (5) sts. twice. At the same time **Shape Shoulder** by casting off 9 (10) (11) sts. at armhole edge on alt. rows three times. Work the other side of neck in the same way.

FRONT

Work as for Back until 78 rows from Armhole have been completed.

Shape Neck: Using separate thread cast off 30 centre sts. HCL. II. Put needles away from carriage into position E and work on one side of neck only. Cast off at neck edge on alt. rows as follows: 8 sts. twice, 6 sts. four times and on two larger sizes only 3 (6) sts. once. (27/30/33 sts. remain.) When 90 rows (all sizes) have been completed **Shape Shoulder** by casting off 9 (10) (11) sts. at armhole edge on alt. rows. Work the other side of neck in the same way.

SIDE INSERTIONS

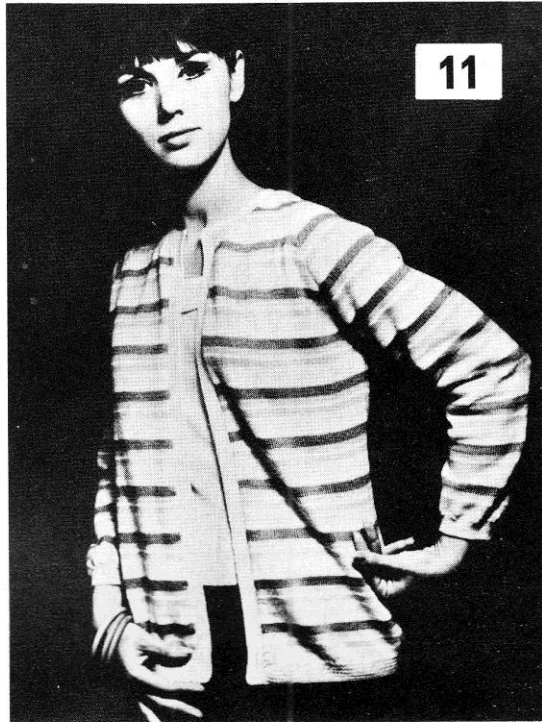
T.4..With B. cast on 20 sts. k. 14 (15) (16) inches. Dec. 1 st. at beg. and end of next and every 12th row until 8 sts. remain. Continue without shaping until insertion is long enough to reach armhole, allowing turn-up for hem. K. 6 more rows. Cast off.

NECKBAND

With B. cast on 15 sts. T.4..Work on the cross by increasing 1 st. at right-hand side of alt. rows and decreasing 1 st. at left-hand side of alt. rows. Work until band fits round neck when slightly stretched. Cast off.



10



11

Chart 10A

14	○	○	○	○	—	—	○	○	○	○	○	○	○	○	○	○	○	○	○	
13	○	○	○	○	○	—	—	○	○	○	○	○	○	○	○	○	○	○	○	
12	—	○	○	○	○	—	—	○	○	○	○	○	○	○	○	○	○	○	○	
11	○	—	○	○	○	○	○	—	—	○	○	○	○	○	○	○	○	○	○	
10			—					—	—	—										
9				—					—	—										
8					—					—	—									
7						—					—	—								
6							—					—	—							
5								—					—	—						
4									—					—	—					
3										—					—	—				
2											—					—	—			
1												—					—	—		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

10 8 BUTTON AND 4 BUTTON PATTERN

MATERIALS

Of Sirdar Fontein Crepe in Red 10 (11) (12) ounces.
In White and Blue 2 ounces each.
Zip fastener 5 inches long.

MEASUREMENTS

Length 24 (25) (25) inches.
Bust 32-34, (34-36) (36-38) inches.
Sleeve Seam 14 inches all sizes.

TENSION

13 sts. and 20 rows to 2 inches.

ABBREVIATIONS

K. knit; inc. increase; dec. decrease; st.(s) stitch(es); rep. repeat; 000 set row counter at 0; T. tension; R. red; Wh. white; B. blue.

BACK

T. 6. With R. cast on 124 (130) (136) sts. and k. 40 rows. Slip cast-on sts. over corresponding needles to form hem. K. across. Join B. and Wh. and break off R.
Change to T.7 and beginning on the left, work pattern according to Fair-Isle chart using Part Buttons and HCL's on I. The needles have to be brought up to pos. E by hand. Each step represents 2 rows in each colour (i.e. 4 movements of the carriage). After the first 14 rows have been knitted, continue the pattern for another 24 rows, always following the same slant. (192 rows on row counter). Break off B. and Wh.
In R. k. to row 260 (266) (266).

Shape Armholes: At the beg. of the next 2 rows cast off 4 sts., and at the beg. of the following 4 rows cast off 2 sts. Dec. 1 st. at beg. of the next 6 rows. Work without shaping to row (340 (350) (350)).

Shape Shoulders: Cast off 10 (11) (12) sts. at the beg. of the next 6 rows. K. 10 rows over centre sts. Cast off.

FRONT

Work hem as for Back. Follow chart for Pattern and work to row 260 (266) (266).

Shape Armholes: Work first 6 rows as for Back then dec. 1 st. at beg. of the next 12 rows. Continue as for Back until Shoulder Shaping is completed. K. 1 row T. 10. Cast off.

SLEEVES

T.5. Using alternate needles cast on 37 (39) (41) sts. K. 50 rows, bring empty needles into Position E and make hem.
T.7, inc. 1 st. at beg. and end of every 6th row until there are 92 (96) (100) sts. Work until 180 rows have been completed (all sizes).

Shape Top: At the beg. of the next 2 rows cast off 4 sts., then cast off 2 sts. at beg. of the following 4 rows. Dec. 1 st. at beg. of next 40 rows. Cast off 3 sts. at beg. of the next 4 rows and 2 sts. at beg. of following 4 rows. Cast off. Make the other sleeve in the same way.

TO MAKE UP

Pin out and press under a damp cloth. Join side, right shoulder and sleeve seams. Set in sleeves. Fold in 10 rows at centre back and slip-stitch on inside. Fold in front neck to a depth of 1½ inches at centre front, tapering to nothing at shoulders. Insert zip on left shoulder. Press all seams.

11 8 BUTTON AND 4 BUTTON PATTERN

MATERIALS

Of Emu SUPER CRIMP Bri-Nylon 3 ply 3 (4) (5) ozs. colour A.
3 (3) (3) ozs. colour B.
2 (2) (2) ozs. colour C.
2 (2) (2) ozs. colour D.

MEASUREMENTS

Bust 32-34 (34-36) (36-38) inches. Length 22 (23) (24) inches.
Sleeve seam 15 (15½) (16) inches.

TENSION

8½ stitches and 13 rows to 1 inch.

ABBREVIATIONS

K. knit; st.(s) stitch(es); beg. beginning; inc. increase; dec. decrease; rep. repeat; col. colour; alt. alternate; T. tension; 000 set row counter at 0; HCL. holding cam levers.

Stripe Pattern

8 rows col. A.
4 rows col. B.
2 rows col. C.
4 rows col. B.
6 rows col. D.
4 rows col. C.
These 28 rows form pattern.

BACK

T. 3. . With odd wool cast on 148 (156) (164) sts. and k. 6 rows waste. Change to col. A and work in stripe pattern until 156 (168) (180) rows have been completed.

Shape Raglan: 000. Dec. 1 st. at beg. and end of alt. rows until 62 (70) (78) sts. remain.

Shape Neck: Put 14 centre sts (all sizes) on separate thread. Put needles away from carriage into position E. HCL. III. Work on one side of neck only.
Continue to dec. at Raglan edge and at the same time cast off at neck edge as follows on alt. rows:
3 sts. three times, 2 sts. twice and 1 st. until 3 sts. remain (all sizes). Put these on 1 needle and cast off together. Work the other side of neck in the same way.

FRONT

Cast on 78 (82) (86) sts. and work as for Back until 156 (168) (180) rows have been completed.

Shape Raglan: 000. Dec. 1 st. at right-hand side on alt. rows until 42 (46) (50) sts. remain.

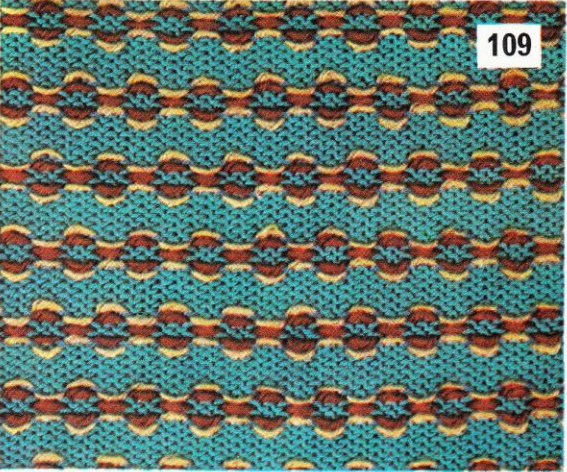
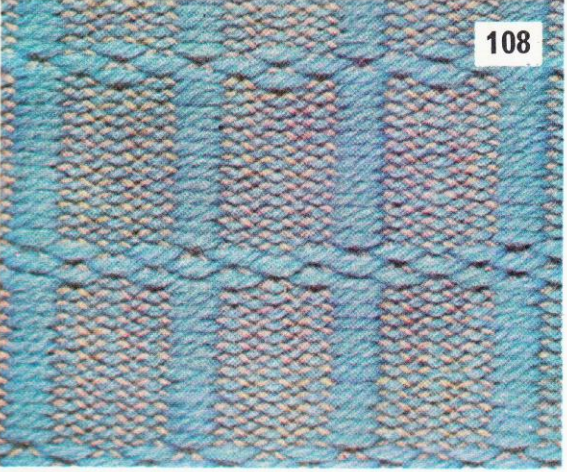
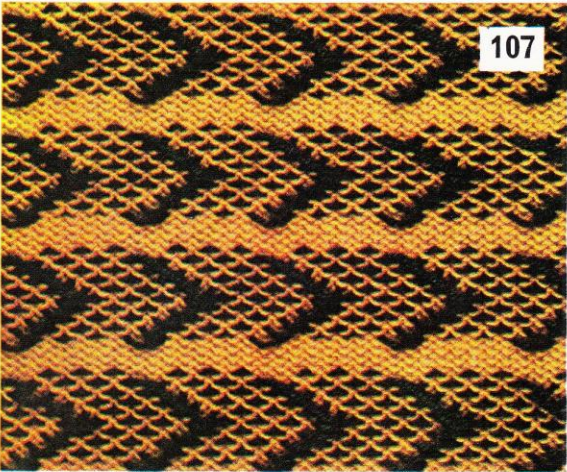
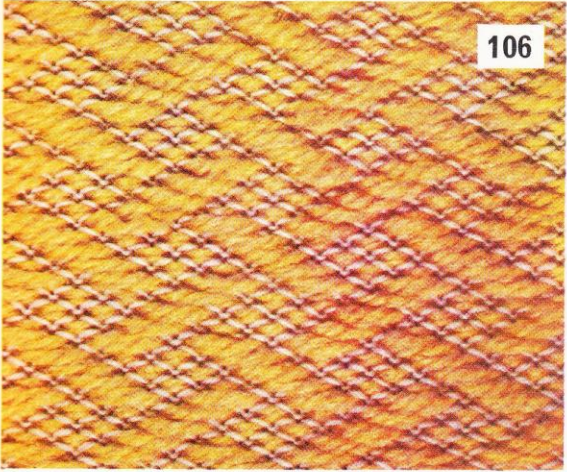
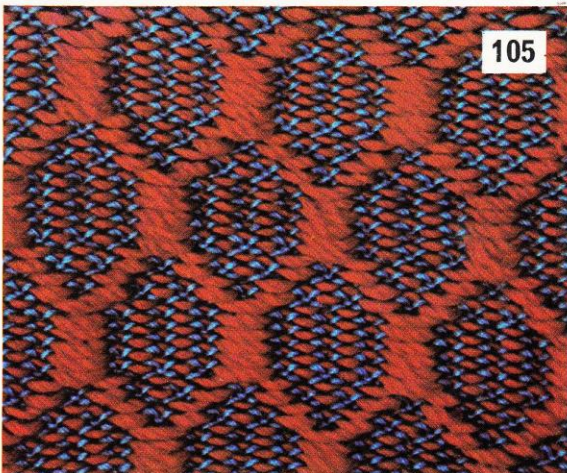
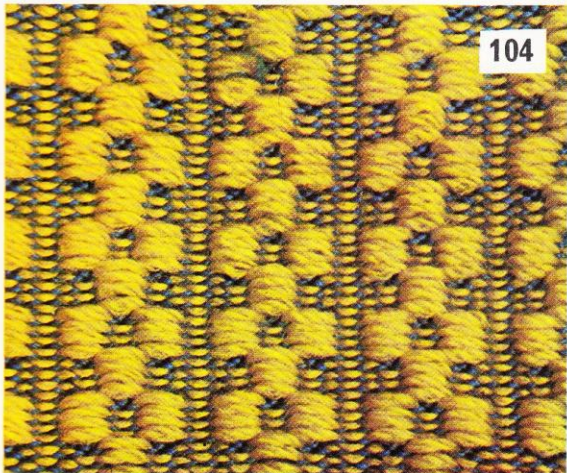
Shape Neck: Continue to shape Raglan and at the same time cast off at left-hand side on alt. rows as follows; 4 sts. once, 3 sts. twice, 2 sts. five times and 1 st. four times.
Keep neck edge straight and continue to shape Raglan until 3 sts. remain. Put these on one needle and k. off together. Make the other front with shapings in reverse.

SLEEVES

T. 2. With odd wool cast on 82 (86) (90) sts. K. 6 rows waste. Work in stripe pattern and inc. 1 st. at beg. and end of every 8th row until there are 118 (122) (126) sts. Work until 156 (164) (172) rows have been completed.

continued on page 35

WEAVING PATTERN CHARTS on page 90



12



18

12 8 BUTTON AND 4 BUTTON PATTERN

MATERIALS

Of Sirdar AFTER SIX: 7 (8) (9) ounces in colour A for Dress
4 (4) (4) ounces in colour B.
8 ounces in colour B for Stole
2 ounces in colour A.

Fine crochet hook
2 yards ribbon $\frac{3}{4}$ inch wide.

MEASUREMENTS

Dress: Bust 32–34 (34–36) (36–38) inches.
Length 36 (37) (38) inches.
Stole: Width 16 inches.
Length 66 inches.

TENSION

8½ stitches and 15 rows to 1 inch measured over stocking stitch.

ABBREVIATIONS

K. knit; st.(s) stitch(es); n. needle; beg. beginning; inc. increase; dec. decrease; rep. repeat; trans. transfer; col. colour; d.c. double crochet; tr. treble; T tension; PSB, Pattern Selector Button; HCL. Holding Cam Lever; 000. Set row counter at 0.

BACK

Scallops: Carriage at right. T.3. Counting from the right bring 10 (11) (12) n. to position C starting with 21st (18th) (15th) n. With col. A cast on over these needles using winding method from left to right. K. 1 row. * Inc. 2 sts. at beg. of the next 2 rows, k. 2 rows. * Rep. these 4 rows twice more. K. 3 rows. (22/23/24 sts.) Put these needles into position E. This completes first Scallop. *Do not break wool.*

2nd Scallop: Skip 12 needles (all sizes) and bring the next 10 (11) (12) needles into position C and cast on as before using the same thread. (This will make a long thread between scallops but it is cut and sewn in when making up). Make this and 5 more scallops in the same way as first. When seven scallops are completed bring 1 more n. at each end into position C. (156/163/170 sts.)
000. K. 276 (290) (306) rows.

Start Shaping: Dec. 1 st. at beg. and end of next and every following 8th row until 136 (143) (150) sts. remain. Take work off machine and put sts. onto a knitting needle. Replace with k. side facing as follows: 1st & 2nd st. on first n., next 3 sts. on 1 n. each, the following 2 sts. on next n., * put the next 5 sts' on 1 n. each, 6th & 7th st. on following n. * Rep. from * to * to the last group of sts., put 2 sts. on next n. and the remaining sts. on 1 n. each. K. across and break off col. A.

000. T. 5. Thread col. B. **Set Pattern for Bodice as follows:** Put 3rd, 5th, 8th, 10th, 13th, 15th, 18th, 20th n. etc. into position A after having put sts. on adjoining needles. Put 4th, 14th, 24th n. etc. into position E.

HCL. III. K. 6 rows. Bring needles in position E back to position C and put 9th, 19th, 29th n. into position E and k. 6 rows. These 12 rows form pattern.

Work without shaping until 4 patterns (all sizes) have been completed.

Shape Sleeve Edge: Keeping continuity of pattern inc. 1 st. at beg. and end of next and every 6th row until 8 whole patterns have been completed.

Shape Shoulders: Cast off 15 (16) (17) sts. at beg. of the next 6 rows. Cast off.

FRONT

Work as for Back until 42 rows of Bodice have been completed. **Shape Neck:** Using separate thread cast off 13 (13) (15) centre sts. Put needles away from carriage into position E and work on one side of neck only. When 48 rows have been completed, Shape Sleeve Edge as for Back and dec. 1 st. at neck edge of next and every 6th row until 45 (48) (51) sts. remain. When 8 whole patterns have been completed Shape Shoulder by casting off 15 (16) (17) sts. at Sleeve Edge of next three alternate rows. Work the other side of neck in the same way.

Binding for Scallops

With col. B cast on 7 sts. T. 3. K. 2 rows. Work on the cross as follows: Inc. 1 st. at beg. of next row and dec. 1 st. at beg. of following row. K. 2 rows. Rep. these 4 rows until Binding measures 64 (66) (68) inches. Cast off.

Binding for Sleeve Edges

With col. A cast on 7 sts. and work in the same way until Binding is long enough to fit around sleeve when slightly stretched.

TO MAKE UP

Pin out and press Back and Front (not Bindings) under a damp cloth. Join side and shoulder seams. Cut threads between scallops and darn in neatly. Put right side of Binding to right side of Dress and back stitch all round. Fold over and slip-stitch on inside.

Make Neck Trimming as follows: With col. B work 1 round d.c. and close with slip-stitch.

2nd round: * Make 5 tr. into next but one d.c., 1 d.c. into next d.c. * Rep. from * to * all round ending with d.c. Break off wool. Press seams, neck and bound edges. Stitch ribbon to side seams and make bow in front.

STOLE

T. 3. With col. A cast on 12 sts. at right hand side and work 6 scallops as for Back. Bring up 1 more n. at each end when all are completed, K. 90 rows. Break off wool. Take work off machine and reverse. T. 5. Thread col. B and set Pattern as for Bodice. Work 52 inches in pattern. Break col. B. Reverse work as before and dec. 1 st. at each end of row. Thread col. A and change back to T. 3. K. 90 rows. Make scallops singly in reverse so that you decrease until 12 sts. remain for each one. Cast off.

Make Binding as for Dress in col. B to fit round scallops and dark side edges. With col. A cast on 7 sts. and make 2 straight strips long enough to fit light side edges. Bind all round taking care not to stretch straight edges. Press under damp cloth.

13



13 8 BUTTON AND 4 BUTTON PATTERN

MATERIALS

8 (9) (9) ounces Sirdar SUNSHINE Baby Wool.
1½ yards ribbon for trimming.

MEASUREMENTS

Bust 34 – 36 (36 – 38) (38 – 40) inches. Length 22 (22) (23) inches.
Sleeve seam 20 inches (all sizes).

TENSION

3½ stitches and 12 rows to 1 inch measured over pattern.

ABBREVIATIONS

K. knit; st.(s) stitch(es); n. needle; beg. beginning; dec. decrease; trans. transfer; alt. alternate; rep. repeat; inc. increase; P.E. Picot Edge; T. Tension; HCL. Holding Cam Lever; PSB. Pattern Selector Button; SL. Set Lever; 000 set row counter at 0; SD. Slide Dial.

BACK

T.5. Cast on 151 (155) (159) sts. K. 8 rows.

9th row: Make P.E. as follows: Trans. every alt. st. 1 n. to the right, leave empty needles in position C and k. across. K. 8 rows.

18th row: Make Hem: Slip cast-on sts. over corresponding needles and k. across.

Work in pattern as follows:

000. T.7. Trans. every alt. st. 1 n. to the right and put empty needles into Position A. Replace comb.

For KH-551.

1st row: HCL's. III., PSB. 3, SL. to SET, k. across.

2nd row: K. across.

3rd row: HCL's. I., k. across.

These 3 rows form pattern.

For KH-580.

1st row: HCL's. III., PSB. 3 & 7, SL to SET, k. across.

2nd row: K. across.

3rd row: HCL's. I., k. across.

The same PSB. is used throughout.

Work 150 (150) (159) rows pattern.

Shape Armholes: Cast off 4 sts. at the beg. of the next 2 rows and 2 sts. at the beg. of the following 2 rows. Dec. 1 st. at beg. of the next 6 (6) (8) rows.

Bring empty needles into Position C and k. 2 across.

Take sts. off machine onto a knitting needle and replace with the other side of work facing you and dec. so that there are 2 sts. on every 3rd n.

Yoke: 000. T.5, * K. 10 rows. **Make Tuck:** Lift heel of each st. in 3rd row down and hang it on corresponding n.* Rep. from * to * six times. K. 2 (2) (6) more rows.

Shape Shoulders: Cast off 10 (11) (12) sts. at the beg. of the next 6 rows. Cast off.

FRONT

T. 5. Cast on 69 (71) (73) sts. K. 8 rows and inc. 1 st. at left-hand side of alt. rows four times.

9th row: Make P.E.

K. 8 rows and dec. 1 st. at left-hand side on alt. rows four times.

18th row: Make Hem as for Back.

Replace comb. 000. T.7. Trans. every alt. st. 1 n. to the right and put empty needles into Position A.

Work 150 (150) (159) rows pattern.

Shape Armhole: Cast off 4 sts. at right-hand side of next row and 2 st. at same side of following alt. row. Dec. 1 st. on alt. rows. 3 (3) (4) times.

Bring empty needles back into Position C and k. 2 rows. Take sts. off machine and reverse as for Back. Replace so that there are 2 sts. on every 3rd n.

000. T.5.

Yoke: Work in pattern as for Back and at the same time **Shape Neck** by decreasing 1 st. at Front Edge in every 7th row until 30 (33) (36) sts. remain. When 2 (2) (6) rows after seventh Tuck have been completed **Shape Shoulder** by casting off 10 (11) (12) sts. at armhole edge of next 3 alt. rows.

Make the other Front in the same way with all shapings in reverse.

SLEEVES

T.7. With odd wool cast on 140 (140) (146) sts. K. 6 rows waste. Trans. every alt. st. 1 n. to the right and put empty needles into Position A. Thread wool and work in pattern for 207 rows. (All sizes.)

Shape Top: Cast off 4 sts. at the beg. of the next 2 rows and 2 sts. at the beg. of the following 2 rows. Work 2 rows pattern.

000. Using double-ended transfer tool, trans. first and last 2 sts. onto next 2 needles at each end so that there are now 2 sts. on each of the first and last 2 needles.

Rep. this decrease on every 6th row until 63 (63) (69) rows have been completed. Cast off 2 sts. at beg. of the next 4 rows. Bring empty needles back into Position C, k. 2 rows and cast off.

Cuff: Remove waste and put sts. on machine on every needle with reverse side facing. T.5. K. 1 row. Take sts. off machine onto a knitting needle and replace as follows: 1 st. on each of first 10 (10) (10) needles, 2 sts. on each of following 26 (26) (27) needles and 1 st. on each of remaining 10 needles.

K. 15 rows. Make P.E. on 16th row. K. 15 rows. Cast off.

Make the other Sleeve in the same way.

COLLAR

T.5. Cast on 155 (155) (159) rows. K. 8 rows.

9th row: Make P.E. K. 8 rows.

18th row: Make Hem as for Back.

T.7. Set for pattern and work 57 (57) (63) rows, decreasing 1 st. at beg. and end of every 3rd row. Bring empty needles back to Position C, k. 2 rows and cast off.

FRONT EDGE

Pick up 86 (86) (92) sts. evenly along Front Edge as far as Yoke and put on machine with wrong side facing. T.5. K. 8 rows and inc. 1 st. at bottom end on alt. rows four times.

9th row: Make P.E. K. 8 rows and dec. 1 st. at same end where you increased on alt. rows four times. Change to T. 10, k. 1 row and cast off loosely.

Make the other Front Edge in the same way.

TO MAKE UP

Pin out and press under a damp cloth. Join side, shoulder and sleeve seams. Set in Sleeves. Sew on Collar with right side of Collar against wrong side of Bedjacket. Close short ends of Collar edge neatly. Fold over Cuffs and Front Edges and slip-stitch on inside. Join mitred corners on Front Edges and close top ends of bands. Join tips of Collar edges and Front edges to form slot for bow. Thread ribbon through holes at edge of yoke and make bow in front.

Press seams.

14 8 BUTTON PATTERN ONLY

MATERIALS

Of Sirdar DOUBLE KNITTING WOOL 11 (12) (13) ounces.
Sirdar PULLMAN 4 balls (all sizes).
Sirdar MAJESTIC 2 ply 6 ounces (all sizes).
8 buttons.
Vilene or similar stiffening to line welts.

MEASUREMENTS

Chest 38 - 40 (40 - 42) (42 - 44) inches.
Length 24 (25) (25) inches.
Sleeve Seam 21 (22) (22½) inches.

TENSION

6½ stitches and 9 rows to 1 inch measured over stocking stitch in Double Knitting Wool.

ABBREVIATIONS

K. knit; st.(s) stitch(es); inc. increase; dec. decrease; beg. beginning; rep. repeat; T. Tension; PSB. Pattern Selector Button; SL. Set Lever; D.K.W. Double Knitting Wool; 000 Set row counter at 0.

BACK

T.6. With 2 ply wool cast on 120 (126) (132) sts. K. 40 rows.

Start Weaving as follows:

000. T.9. Set Weaving Knobs and Weaving Levers to Position T. PSB. 1, 3 & 5. SL. to SET.

Lay Pullman across needles and k. 1 row.

2nd row: SL. to SET, Lay Pullman across needles and k. 1 row. Rep. these 2 rows until 16 rows have been completed.

Turn Slide Indicator to 5 and work another 16 rows in the same way.

Break off Pullman and k. 4 rows in 2 ply. Cast off.

000. T.9. Thread D.K.W.

With wrong side facing and with last 4 rows in 2 ply folded downwards pick up all sts. through the last row of weaving. Lay wool over needles and k. off by hand for 1 row.

K. 100 (112) (112) rows.

Shape Armholes: Cast off 14 sts. at the beg. of the next 2 rows. 000. K. 72 rows (all sizes).

Shape Shoulders: Cast off 12 (13) (14) sts. at the beg. of the next 6 rows. K. 10 rows on remaining sts. Cast off loosely.

LEFT FRONT

Pocket Lining: T.9. With D.K.W. cast on 28 (30) (30) sts. K. 30 rows (all sizes). Put these sts. on a spare needle. T.6. With 2 ply wool cast on 72 (76) (80) sts. Work as for Back until 4 rows in 2 ply have been worked after Weaving but

Make Buttonholes at right-hand side on the following rows:
8th & 28th row in 2 ply: Counting from the right lay contrasting wool over 5th, 6th, 7th & 8th needle and k. these sts. off by hand. K. across.

8th & 24th Row in Weaving: Counting from the right lay contrasting thread over 4th, 5th, 6th & 7th needles and k. these sts. off by hand.

When 4 rows in 2 ply have been completed cast off.

Thread D.K.W. T.9. 000.

With wrong side facing pick up sts. in the same way as for Back and put on machine as follows:

Counting from the right, put 21 (21) (23) sts. on the first 21 (21) (23) needles, leave 28 (30) (30) needles empty and put 23 (25) (27) sts. on the next 23 (25) (27) needles. Put sts. from Pocket Lining on empty needles in the centre. Cast on 10 sts. at right-hand side for Front Facing. Lay wool across needles and k. 1 row by hand.

000. T.9. Thread D.K.W. K. 100 (112) (112) rows, making Buttonholes on the following rows:

First Size: 14th & 28th, 48th & 62nd, 86th & 100th row.

Both Larger Sizes: 16th & 30th, 54th & 68th, 92nd & 106th row.

Buttonholes: Counting from the right lay contrasting thread over 4th, 5th, 6th and 7th needle and over 14th, 15th, 16th and 17th needles. K. these sts. off by hand. K. across. When 100 (112) (112) rows have been completed Shape Armhole by casting off 14 sts. at left-hand side of next row.

Shape Front Edge: Counting from the right, transfer 8th st. to 7th needle and 12th st. to 13th needle. Shift sts. inwards to close the gaps. K. 6 rows. Rep. these 6 rows until 46 (49) (52) sts. remain.

Shape Shoulder: Cast off 12 (13) (14) sts. at left-hand side of next three alternate rows. K. 1 row. Cast off.

Work the RIGHT FRONT in the same way with all shapings in reverse and without Buttonholes.

SLEEVES

With 2 ply cast on 64 sts. (all sizes). T.6. K. 8 rows. Set for Weaving and work in pattern. Inc. 1 st. at beg. and end of next and every following 8th row twelve times, then on every 6th row until there are 182 (192) (198) rows. Work 16 more rows without shaping. Break off Pullman and k. 6 more rows in 2 ply. Cast off.

CUFF

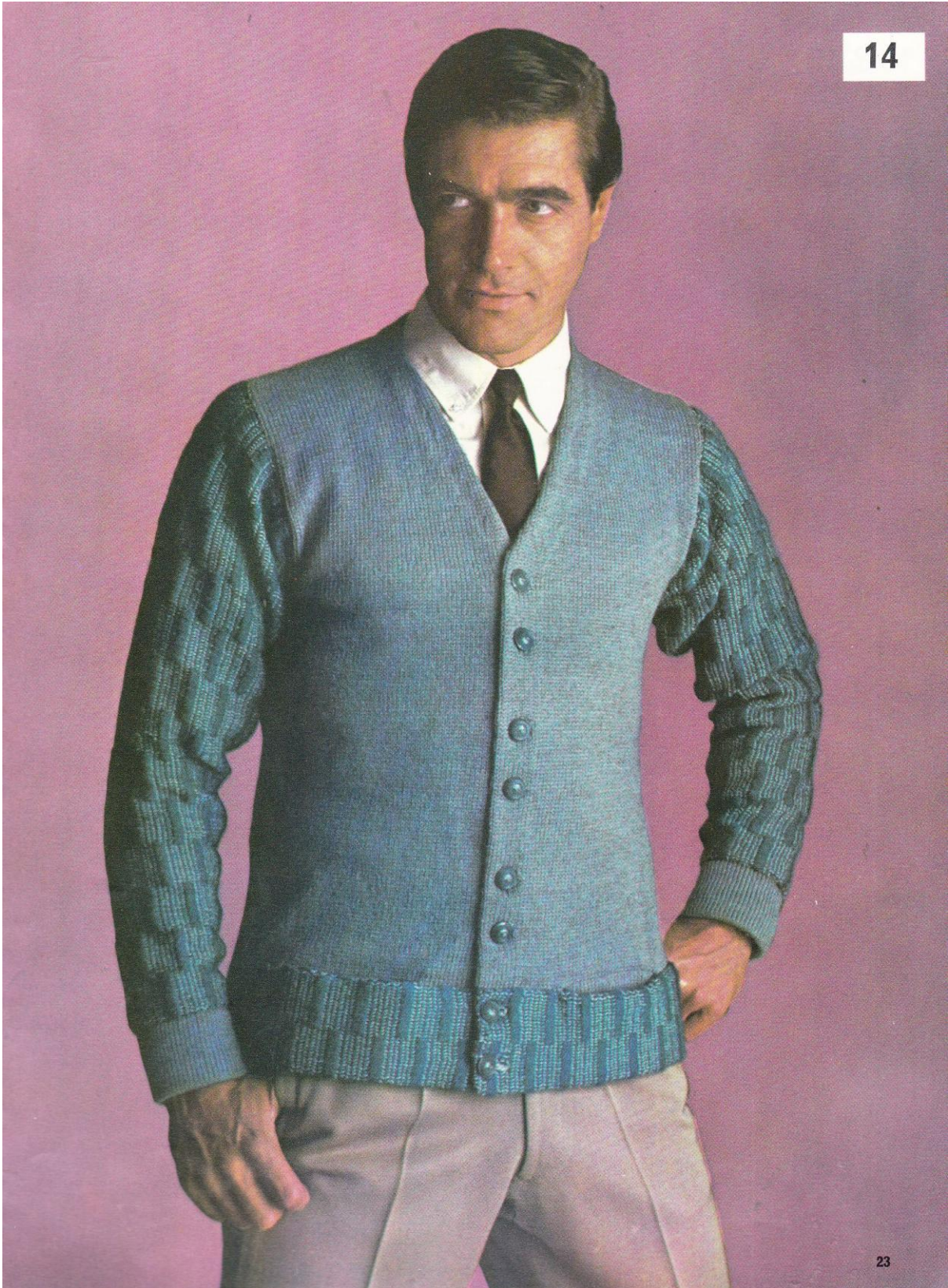
T.7. Thread D.K.W. With wrong side facing, pick up 60 sts. through first row of weaving at bottom of sleeve. Put on machine and k. off the first row by hand. K. 50 rows. Cast off loosely.

Make the other sleeve and cuff in the same way.

TO MAKE UP

Pin out and, under a damp cloth, press all except woven parts. Join side and shoulder seams. Join sleeve seams, leaving last 2 inches open at the top. Sew last 2 inches onto cast-off sts. at underarm. Set in sleeves, sewing through top row of weaving. Cut stiffening to fit into woven borders and lay it between the weaving and stocking stitch in 2 ply. Slip-stitch stocking stitch onto the D.K.W. Lay pocket lining over stocking stitch and slip-stitch into place.

Remove contrasting thread from buttonholes and oversew round them. Before oversewing fold back facing to catch together the buttonholes on both weaving and facing. Join back neckband to front facing and slip-stitch all round inside. Fold cuffs back and slip-stitch. Sew on buttons. Press seams.



15 & 16



15 & 16

8 BUTTON AND 4 BUTTON PATTERN

PLEATED SKIRT

MATERIALS

8 (9) (10) ounces Robin SPORTSWEAR Knitting Wool in 4 ply.
Elastic for waist.
Medium size crochet hook.

MEASUREMENTS

Length 13 (14) (15) inches.
Waist 20 (21) (22) inches.

TENSION

7 stitches and 10 rows to 1 inch.

ABBREVIATIONS

K. knit; st.(s) stitch(es); rep. repeat; T. tension.

NOTE

The skirt is worked sideways in one piece.
T. 6. Cast on 80 (90) (100) sts. K. 24 (25) (26) rows.
Make Pleat as follows: *Take all sts. off machine and put on knitting needle. Replace on machine with k. side facing and k. 1 row. Take all sts. off machine again and replace with purl side facing. K. 48 (50) (52) rows. * Rep. from * to * eleven times.

Make one more pleat edge then k. 24 (25) (26) rows. Cast off.
Waistband: T. 6. Cast on 125 (130) (135) sts. K. 10 rows (all sizes). Reverse knitting as before for pleat edge. K. 1 row. Reverse again and k. 10 rows. K. 1 row at T. 10. Cast off.

TO MAKE UP

Do not press at this stage. Join cast-on to cast-off edge. Leave wide panel between first two pleat edges for centre front. Make five knife pleats on each side of centre panel one side facing right and the other facing left. The fifth pleat edge on each side will face each other to form an inverted pleat at pleat at centre back. Tack pleats into position. Join short ends of waistband. Sew right side to right side so that seam of waistband lies at centre back. Fold over at purl row and slip-stitch on inside. Insert elastic to fit waist. Work 1 row double crochet around bottom edge. Press pleats firmly under a damp cloth.

SLEEVELESS TOP

MATERIALS

Of Robin SUPER CRIMP Bri-Nylon 4 ply 3 (3) (4) ounces in colour A, and 1 ounce (all sizes) in colour B.
Medium size crochet hook.
3 buttons.

MEASUREMENTS

Chest 20 - 22 (22 - 24) (24 - 26) inches.
Length 14 (15) (16) inches.

TENSION

Approximately 7 stitches to 1 inch measured over pattern.

continued on page 35



17 8 BUTTON AND 4 BUTTON PATTERN



18 8 BUTTON AND 4 BUTTON PATTERN



MATERIALS

Of Copley's DREAMSOFT DOUBLE KNITTING WOOL
7 (8) (9) ounces in colour A.
6 (6) (7) ounces in colour B.
2 (2) (3) buttons.
FOR HOOD 2 (2) (2) ounces in colour A.
1 (1) (1) ounce in colour B.

MEASUREMENTS

Chest 28 (30) (32) inches.
Length 16½ (17½) (18½) inches.
Sleeve 11½ (12½) (13½) inches.

TENSION

14 stitches and 30 rows to 2 inches measured over pattern
6 stitches and 8 rows measured over stocking stitch.

ABBREVIATIONS

K. knit; st.(s) stitch(es); n. needle; beg. beginning; dec. decrease; trans. transfer; rep. repeat; col. colour; HCL. Holding Cam Lever; PSB. Pattern Selector Button; SL. Set Lever; T. Tension. 000. Set row counter at 0; RD. Reverse Dial.

NOTE

The wool should be waxed, and the comb should be used while working in pattern.

FRONT

T. 8. With odd wool cast on 105 (111) (117) sts. and k. 6 rows waste. Thread col. B and k. 2 rows. Carriage at left. 000. Work in pattern as follows: Press both PART Buttons
For KH-551.

1st row: Col. B, PSB. 1, SL. to SET. K. from left to right.

2nd row: SL. to SET. K. from right to left. SL. to OFF.

3rd row: Col. A, PSB. 2, 3 & 4, SL. to SET. K. from left to right.

MATERIALS

SWEATER Of Sirdar DOUBLE KNITTING WOOL
5 (6) (7) ounces colour A.
4 (4) (5) ounces colour B.
Zip fastener 5 (5) (6) inches long.
TROUSERS Of Sirdar DOUBLE KNITTING WOOL
7 (8) (9) ounces colour A.
1 (1) (1) ounces Colour B.
Length of elastic for waist.

MEASUREMENTS

SWEATER Chest 24 (26) (28) inches.
Length 14 (15) (16) inches.
Sleeve seam 11 (12) (13) inches.
TROUSERS Outside leg seam 20 (21) (22) inches.
Inside leg seam 12 (13) (14) inches.
Waist 17 (18) (19) inches.

TENSION

5½ stitches and 7 rows to 1 inch measured over stocking stitch.

ABBREVIATIONS

K. knit; st.(s) stitch(es); beg. beginning; inc. increase; dec. decrease; rep. repeat; n. needle(s); trans. transfer; col. colour; pos. position; T. tension; HCL. Holding Cam Levers; 000 set row counter at 0.

NOTE

For easier knitting, wool should be waxed.

SWEATER

BACK

T. 9. with odd wool cast on 73 (79) (85) sts. K. 6 rows waste. Thread col. A and k. 66 (72) (76) rows.





19 8 BUTTON PATTERN ONLY

COAT

MATERIALS

28 (30) (32) ounces 4 ply wool.
16 (18) (20) ounces Double Knitting Wool.

MEASUREMENTS

To fit Bust 34 (36) (38) inches. Length 38 (39) (40) inches.
Sleeve seam 16 (16½) (17) inches.

TENSION

6½ stitches and 12 rows to 1 inch.

ABBREVIATIONS

K. knit; st.(s) stitch(es); beg. beginning; inc. increase; dec. decrease; rep. repeat; T. tension; alt. alternate; 000. Set row counter at 0.

BACK

T. 5. With 4 ply wool cast on 140 (146) (152) sts. K. 12 rows. 000. Change to T. 4., and work according to pattern chart No. 105 on page 90, until 348 (354) (360) rows have been completed. **Shape Armholes:** 000. Cast off 6 sts. at the beg. of the next 2 rows, 3 sts. at beg. of the following 2 rows and 2 sts. at beg. of the next 4 rows. Dec. 1 st. at beg. of the next 2 (4) (6) rows. (112/116/120 sts.) Continue in pattern until 108 (114) (120) rows have been completed.

Shape Shoulders: Cast off 12 sts. at the beg. of the next 6 rows (all sizes). Cast off remaining 40 (44) (48) sts.

FRONT

Cast on 96 (100) (104) sts. and work as for Back until 348 (354) (360) rows have been completed.

Shape Armhole: 000. At right-hand side cast off on alt. rows as follows, 6 sts. once, 3 sts. once, 2 sts. twice and 1 st. twice (four times) (six times). (81/83/85 sts.). Continue without shaping until 108 (114) (120) rows have been completed.

Shape Shoulder: Cast off 12 sts. at right-hand side of next three alt. rows. Cast off remaining 45 (47) (49) sts.

Make the other Front in the same way with shapings in reverse.

SLEEVES

T. 5. Cast on 70 (74) (78) sts. in 4 ply. K. 12 rows. 000. Change to T. 4., and work in pattern. Inc. 1 st. at beg. and end of every 8th row until there are 120 (124) (128) sts. Work until 206 (210) (214) rows have been completed.

Shape Top: At beg. of next and following rows cast off as follows: 6 sts. twice, 3 sts. twice, 2 sts. six times. Now dec. 1 st. at beg. and end of alt. rows until 28 sts. (all sizes) remain. Cast off.

Make the other sleeve in the same way.

COLLAR

T. 4. Cast on 112 (116) (120) sts. K. 4 rows. 000. Work 72 rows pattern. Break off Double Knitting Wool and k. 4 rows. Cast off loosely.

continued on page 38

20 8 BUTTON AND 4 BUTTON PATTERN

SLEEVELESS DRESS

MATERIALS

18 (20) (22) ounces 4 ply wool.
Crochet hook size 9.

MEASUREMENTS

Bust 34 (36) (38) inches. Length 37 (38) (39) inches.

TENSION

6½ stitches and 11 rows to 1 inch.

ABBREVIATIONS

K. knit; st. (s) stitch(es); st. st. stocking stitch; inc. increase; dec. decrease; PSB. Pattern Selector Button; SL. Set Lever; RD. Reverse Dial; T. tension; rep. repeat.

PATTERN

K.H. 551 Machine

Press both TUCK Buttons. * PSB. 1 & 3, SL. to SET. K. 1 row. * Rep. from * to * three times.

Release TUCK Buttons and k. 2 rows.

Press both TUCK Buttons. Release PSB. 1 & 3. * PSB. 2 & 4, SL. to SET. K. 1 row. * Rep. from * to * three times.

Release TUCK Buttons and k. 2 rows.

Rep. these 12 rows once.

K. 10 rows.

These 34 rows form pattern.

K.H. 580 Machine

RD. on A. Press both TUCK Buttons. * PSB. 1, 3, 5, & 7. SL. to SET. K. 1 row. * Rep. from * to * three times.

Release TUCK Buttons and k. 2 rows.

RD. to B. Press both TUCK Buttons. * SL. to SET. K. 1 row. * Rep. from * to * three times.

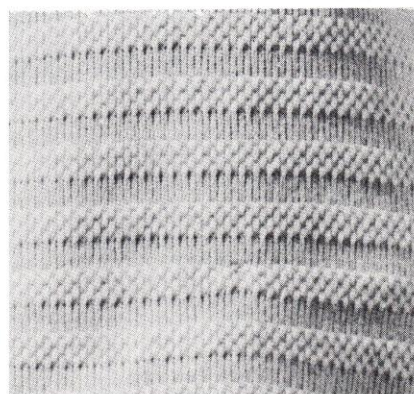
Release TUCK Buttons and k. 2 rows.

Rep. these 12 rows once.

K. 10 rows.

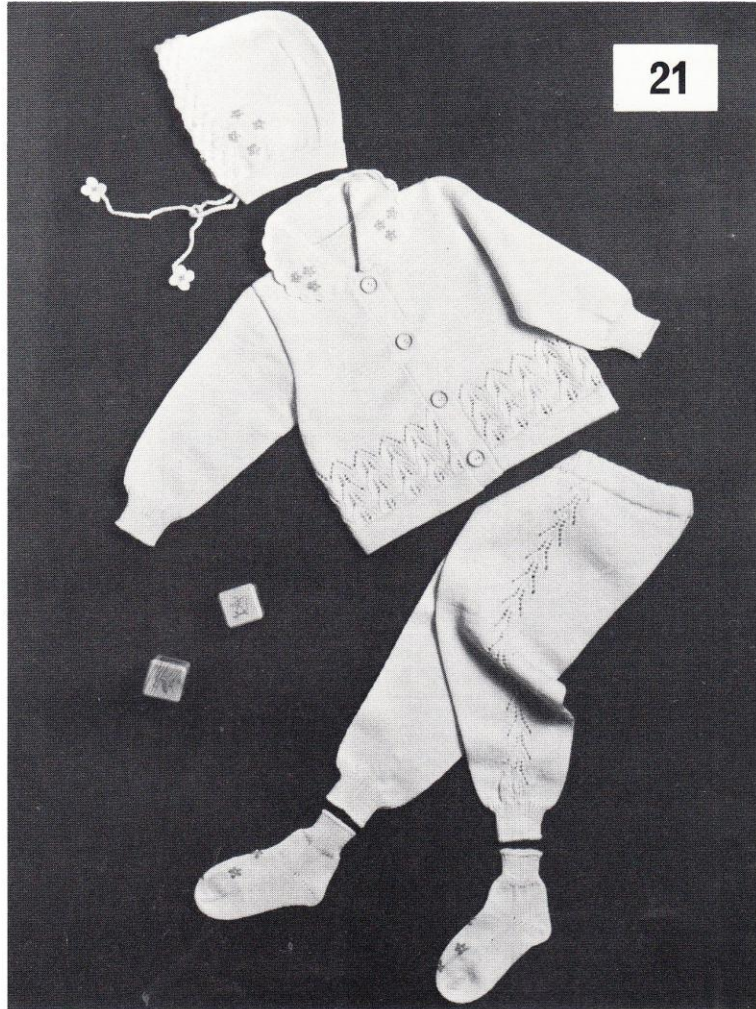
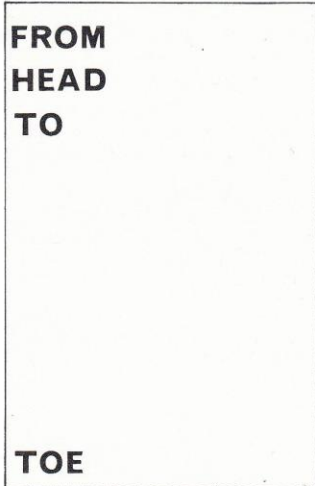
These 34 rows form pattern.

continued on page 38



21 8 BUTTON AND 4 BUTTON PATTERN

CHILD'S PRAM SET



14																			
13					○	△	○												
12																			
11				○	△	△	○												
10																			
9			○	△			△	○											
8																			
7		○	△						△	○									
6																			
5		△	△	○		○		△	△										
4																			
3		△	△	○		○		△	△										
2																			
1		△	△	○		○		△	△										
	1	2	3	4	5	6	7	8	9	10									

MATERIALS

Robin SUPER CRIMP Bri-Nylon 4 ply, 14 ozs.
4 buttons.
Thread of contrasting wool for embroidered motifs (optional).
Elastic for waist.
Steel crochet hook.

MEASUREMENTS

COAT Chest 20-22 inches
Length 13 inches
Sleeve seam 8 inches
LEGGINGS Outside leg 18 inches.
Inside leg 10 inches

TENSION

9½ stitches and 14 rows to 1 inch.

ABBREVIATIONS

K. knit; st.(s) stitch(es); inc. increase; dec. decrease; rep. repeat; beg. beginning; trans. transfer; n. needle; HCL. Holding Cam Lever; 000 Set row counter at 0; alt. alternate.

continued on page 38

22



23

24

SCATTER CUSHIONS

22 8 BUTTON PATTERN ONLY

NO. 1

MATERIALS

Of 4 ply wool 8 ounces.
Of Double Knitting Wool in contrasting shade 2 ounces.
Cushion 17" x 14".

ABBREVIATIONS

K. knit; PSB. Pattern Selector Buttons; st.(s) stitch(es);
T. tension; pos. position.

Cast on 110 sts. with 4 ply wool. K. 6 rows.

Set for Pattern as follows:

PSB. 4, 5, 6, 7 & 8. Reverse Dial on B. T. 6. Slide Indicator on 1. K. 4 rows, laying in Double Knitting Wool on each row. Swivel Lever to SET for each of these.

With single transfer tool pick up each group of 4 loops (over 5 needles) and put them onto centre needles. Bring each centre needle to Pos. E. K. across.

Move Slide Indicator to 5. Swivel Set Lever to SET for each of next 4 rows and lay in Double Knitting Wool as before.

With single transfer tool pick up each group of 4 loops (over 5 needles) and put them onto centre needles. Bring each centre needle to Pos. E. K. across.

These 10 rows form pattern.

Work 176 rows for each side of cushion. Break off Double Knitting Wool and k. 6 rows. Cast off loosely. Make another piece in the same way.

TRIM

With 4 ply wool cast on 94 sts. T. 6. K. 1 row. Increase 1 st. at beginning and end of next 3 rows then increase 1 st. at beginning only of the next 10 rows. K. 1 row. K. 14 rows and decrease in the same way as you increased before. Cast off.

Make another piece in the same way.

TO MAKE UP

Join mitred corners of the 4 strips. You now have a "frame" for the cushion. Fold and press well. Tack frame in position around one half of cushion cover against right side so that open edges of frame lie along outside edges of cover. Lay the other half of cover with right side against right side and tack around three sides. Now sew through all thicknesses on three sides. On fourth side sew frame to one side of cover only. Turn right side out, insert cushion and slip-stitch open edge to close.

23 8 BUTTON PATTERN ONLY

NO. 2

MATERIALS

Of Double Knitting Wool 4 ounces.
Of 4 ply wool 4 ounces.
Foam rubber cushion 15" x 16".

Cast on 100 sts. in 4 ply wool. T. 6. K. 6 rows.

Set for Weaving Pattern according to 1st row of pattern chart No. 95, and work 6 rows with PSB. 1, 3 & 5 then 6 rows with PSB. 1, 5 & 7.

Work 150 rows then cast off.

Make another piece in the same way.

CORD

T. 8. Cast on 7 sts. with Double Knitting Wool. Press Left PART Button, Holding Cam Levers Position I. K. until cord measures 70 inches, taking care to keep tension on work the whole time by holding it with left hand.

TO MAKE UP

Join three sides of cushion cover, insert cushion and slip-stitch fourth side. Sew on cord all round and join ends neatly.

24 8 BUTTON PATTERN ONLY

BABY'S PRAM RUG

MATERIALS

3 oz. of Sirdar 2 ply Majestic in white
3 balls of Sirdar Pullman (2 ozs. each)
3 yards of Silk Blanket Binding.

MEASUREMENTS

23 x 26 inches.

ABBREVIATIONS

K. knit; T. tension; PSB. Pattern Selector Buttons; SD. Slide dial; SL Set lever; HCL. Holding Cam Levers.

HCL's on 1.

T.6. Cast on 130 sts. and k. 10 rows. Set PSB. 1, 3 and 5:

1st row: Put Laying-in Levers and Knobs of Laying-in Brushes on T.

With carriage on the right and SD. on 1, shift SL. (to SET). Lay the thick wool across the needles and carefully k. across.

2nd row: SD. on 2, shift SL., lay wool across needles and k. back.

3rd row: SD. on 3, shift SL., lay wool across needles and k.

4th row: SD. on 4, shift SL., lay wool across and k.

5th row: SD. on 5, SL, put wool across and k.

6th row: SD. on 8, SL, put wool across and k.

7th row: SD. on 7, SL, put wool across and k.

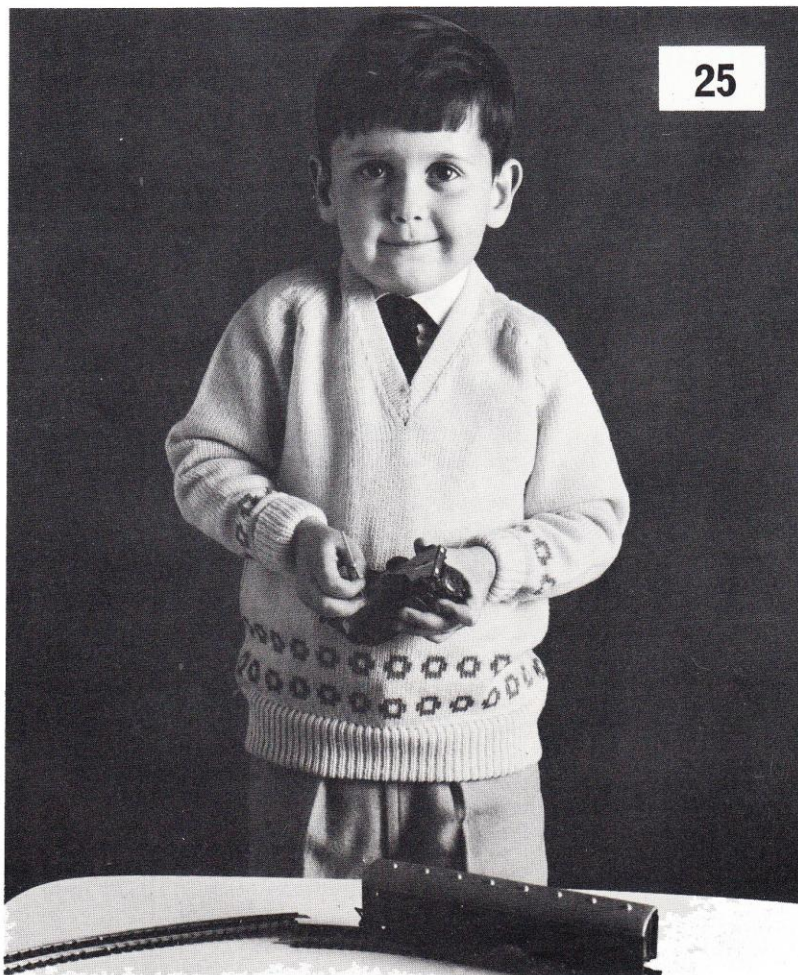
8th row: SD. on 6, SL, put wool across and k.

9th row: SD. on 5, SL, put wool across and k.

10th row: SD. on 4, SL, put wool across and k.

These 10 rows form Pattern. Start again with 1st row and continue to required length. Cut off thick wool, k. 10 rows, Cast off.

Bind all round with binding.



25 8 BUTTON AND 4 BUTTON PATTERN

MATERIALS

Of Sirdar FONTEIN CREPE 6 (7) (8) ounces in colour. A. 1 (1) (1) ounce in colour B.

MEASUREMENTS

Chest 24–26 (26–28) (28–30) inches. Length 17 (18) (19) inches. Sleeve seam 13 (13½) (14) inches.

TENSION

6½ stitches and 10 rows to 1 inch.

ABBREVIATIONS

K, knit; st.(s) stitch(es); beg, beginning; inc, increase; dec, decrease; alt, alternate; n, needle(s); rep, repeat; T, tension; 000 set row counter at 0; HCL, holding cam lever.

BACK

T. 5. Bring 48 (50) (52) alt. n. into position C. Cast on with colour A and k. 40 rows.

Make Hem. Bring alt. empty n. into position C, fold work and slip each cast-on st. over corresponding n. Change to T. 6 and k. 4 rows.

Thread colour B and work pattern according to chart. Break B and k. 6 rows. Re-thread B and rep. pattern once more. Break B. 000. Work until 70 (76) (82) rows have been completed.

Shape Raglan: Cast off 4 sts. at the beg. of the next 2 rows.

Next Row: Dec. as follows: Counting from each end, put 4th, 5th and 6th sts. on to 7th, 8th and 9th n. Shift the three outer sts. inwards to close gap.

Rep. this dec. on every 6th row until 10 (11) (11) decreases have been completed. K. 6 rows. Put remaining sts. on to a stitch-holder.

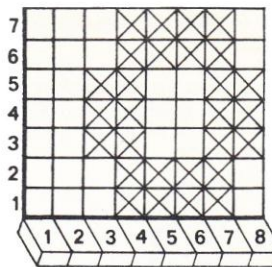
FRONT

Work as for Back until 70 (76) (82) rows have been completed.

Shape Raglan: Cast off 4 sts. at the beg. of the next 2 rows.

Divide for Neck: HCL. III. Put half the number of sts. away from carriage into position E and work on one side of neck only. Continue to shape Raglan as for Back and at the same time dec. 1 st. at neck edge on every 4th row until 3 sts. (all

FAIR-ISLE CHART



sizes) remain. Put these on one n. and k. off by hand. Bring sts. in position E back to position C. HCL. I. Work the other side of Neck in the same way.

SLEEVE

T. 5. On alt. n. cast on 24 (24) (26) sts. K. 40 rows. Make Cuff as for Hem. T. 6. K. 6. rows.

Thread B and work pattern once. Break B. Inc. 1 st. at beg. and end of next and every 4th row until there are 80 (80) (84) sts. K. 4 (10) (16) rows.

Shape Raglan as for Back until 10 (10) (10) decreases have been completed. K. 6 rows and dec. both sides onto centre sts. K. 6 more rows and put sts. on to stitch-holder.

NECKBAND

Put sts. from Back Neck onto machine with wrong side facing, take sts. from first sleeve and put onto adjoining needles. Pick up 36 (38) (40) sts. down side of V neck and put on machine next to the sts. from back and sleeve.

T. 5½. K. 16 rows, decreasing 1 st. at V on the first 8 rows and increasing 1 st. in the same place on the following 8 rows. Cast off loosely.

Pick up 36 (38) (40) sts. up other side of V and put on machine with wrong side facing. Put sts. from second sleeve onto adjoining needles. Work as for first side of Neckband.

TO MAKE UP

Pin out and press all parts under a damp cloth. Join raglan seams and Neckband seam. Join side and sleeve seams. Join mitred ends of Neckband at V. Fold over Neckband and slip-stitch on inside. Press all seams.

1

continued from page 2

Make Facing Strips

With 4 ply cast on 2 sts. T. 3. K. across. Inc. 1 st. at right-hand side on every row until there are 12 sts. Work without shaping until 10½ (11) (11½) inches have been completed.

Start shaping Curve: HCL'S III. Put 3 needles into position E at right-hand side. K. across and back. Put 3 more needles into position E, k. across and back. HCL. I. Work 1½ inches without shaping. HCL. III. Repeat shaping but add 3 more needles to position E before returning HCL's. to I. Work 2 inches without shaping then repeat shaping in 3 stages. After the next 2 and 4 inches repeat shaping in 2 stages. Work without shaping for 24½ (25) (25½) inches then work shaping in 2 stages twice, 3 stages twice and 2 stages once more. Work 10½ (11) (11½) inches then shape Corner by decreasing 1 st. on every row at left-hand side until 2 sts. remain. Cast off.

Back Neck Facing: Cast on 2 sts. Inc. 1 st. at right-hand side on every row until there are 12 sts. Work 8 (9) (10) rows. HCL's. III. Put 3 needles into position E (left-hand side) and k. across and back. Repeat these 2 rows twice. (9 needles in position E.) HCL. I.* After 1½ inches shape in the same way but in 2 stages only (6 needles in position E)*. Repeat from * to * twice more. Work 4 (4½) (5) inches without shaping then repeat from * to * three times. Work 1½ inches then repeat shaping in 3 stages. K. 8 (9) (10) rows then shape Corner by decreasing 1 st. at right-hand side until 2 sts. remain. Cast off.

Collar Facing: Cast on 14 sts. and make strip long enough to line collar.

Sleeve Facings: Cast on 10 sts. and k. strip long enough to fit round bottom of sleeve.

TO MAKE UP

Using p. side as right side, join mitred corners of Front facing to Back Neck facing. With right side to right side tack facing all round outer edge and machine or sew on. Sew on Collar facing in same way. Join open edge of Collar facing to top edge of Back Neck facing. Fold to inside so that there is a

turning $\frac{1}{4}$ inch deep of woven material on inside. Slip-stitch all round. Sew on sleeve facings in the same way. Sew on buttons and frogging so that jacket closes edge to edge. Press facings and seams.

Cut skirt according to diagram. Make darts on back and front as required. Join seam. Sew on waist band. Make facing for bottom by knitting strip 12 sts. wide to fit. Sew on as Jacket facing. Insert elastic to fit waist. Make skirt lining if required. Press seams.

2&3 continued from page 4

BACK AND FRONT ALIKE

Cast on 130 (136) (142) sts. K. 170 (180) (190) rows.

Shape Hips: 000. Dec. 1 st. at beg. and end of next and every 10th row four times then dec. 1 st. at beg. and end of every 6th row four times. Now dec. 1 st. at beg. and end of every alternate row ten times. Work without shaping until 100 rows completed. Cast off.

TO MAKE UP

Join side seams leaving opening for Zip on left side. Fold over $1\frac{1}{2}$ inches at top and slip-stitch on inside. Thread elastic to fit waist. Insert Zip. Turn up hem to required length and slip-stitch on inside. Press seams.

4 continued from page 6

Shape Neck: Put 18 centre sts. (all sizes) on spare thread. Put needles away from carriage into Position E. HCL's III. Continue to shape Raglan as before and dec. 1 st. at neck edge on next and every 4th row until 3 sts. remain. Put these on 1 needle and k. off together. Work the other side of neck in the same way.

WELTS

Back and Front alike: Remove waste and with wrong side facing put sts. on machine as follows: * 2 sts. on 1 needle and 1 st. on next needle. * Rep. to end of row and k. across. Now transfer every 4th st. 1 needle to the left or right and put empty needles into Position A. T. 6, k. 40 rows. Bring up empty needles to Position C, T. 10 and k. across. Cast off loosely.

SLEEVES

Cast on 62 (64) (66) sts. and k. 6 rows waste. T. 9. Set for Cable as follows: First 20 (21) (22) needles in Position C, 1 needle in Position A, 6 needles in Position C, 1 needle in A, 6 needles in C, 1 needle in A, 6 needles in C, 1 needle in A and the last 20 (21) (22) needles in C.

Work Cable Pattern as for Front and inc. 1 st. at beg. and end of every 6th row until there are 108 (110) (112) sts. When Sleeve measures 19 (19) (20) inches **Shape Raglan** as for Back but dec. over 3 sts. at beg. and end of every 6th row thirteen times and then over 2 sts. only on the last five decreases.

Put remaining sts. on spare thread. Make the other Sleeve in the same way.

CUFFS

Remove waste and put sts. on machine with wrong side facing as follows: Put every 4th needle into Position A and reduce the number of sts. to 52 (54) (56) by putting every 10th st. on adjoining needle. T. 6, k. 40 rows. Cast off as for Welts.

COLLAR

Take sts. from top of one sleeve and put on machine with right side facing. (1 st. on each needle). Pick up 18 (19) (20) sts. down side of neck in Front (right side facing), then centre sts. and 18 (19) (20) sts. up other side of neck. Put these on machine with right side facing next to sleeve then put sts. from top of second sleeve on in the same way. T. 6, K. 60 rows and make rib in the same way as for Back.

TO MAKE UP

Press lightly under a damp cloth. Set in Raglan sleeves and join Collar seams using flat seams. Join side and sleeve seams. Fold over Welts and Cuffs and slip-stitch on inside. Press all seams.

5 continued from page 6

Dec. across next rows as follows:

Counting from each end of row, trans. 14th (17th) (20th) st. onto 13th (16th) (19th) n., 18th (18th) (21st) st. onto 19th (19th) (20th) n., 49th st. onto 48th n. and 50th st. onto 51st n.

Shift sts. inwards to close the gaps. (126/132/138 sts.) K. across K. 9 rows.

49th row: Counting from each end of row, trans. 13th (16th) (19th) st. onto 12th (15th) (18th) n., 17th (17th) (20th) st. onto 18th (18th) (21st) n., 46th st. onto 45th n., and 47th st. onto 48th n.

Shift sts. inwards to close the gaps. (116/124/132 sts.) K. across. K. 9 rows. Continue to dec. on next and every following 10th row (i.e. 69th, 79th, 89th, 99th, 109th,) in the same way so that each decrease lies above the previous one until 109 rows (all sizes) have been completed. (70/76/82 sts.) K. 9 rows.

Mark each end of the last row to show Waistline.

Work without shaping until 144 (154) (160) rows have been completed.

Shape Armholes: Cast off 3 sts. at the beg. of the next 2 rows. Dec. 1 st. at beg. of every row until 58 (62) (66) sts. remain. Work until 184 (192) (200) rows have been completed.

Shape Neck: HCL's. III. Put 22 centre sts. (all sizes) onto a spare thread. Put needles away from carriage into Position E and work on one side of Neck only. Dec. 1 st. at neck edge of alt. rows eight times. K. 4 more rows.

Shape Shoulder: Cast off 4 sts. at armhole edge of next 2 alt. rows. K. 1 row. Cast off.

HCL's. I. Work the other side of neck in the same way.

FRONT

Work in the same way as for Back until 36 pattern rows have been completed.

From now on work in check pattern over 18 centre sts. changing the colour sequence every 4 rows.

NOTE

As the centre panel is worked with PART the row counter will show twice as many rows as on the Back. Push up needles by hand.

Dec. in the same way as for Back but on following rows:

43rd row: Dec. as for 39th row:

63rd row: As for 49th row.

83rd row: As for 59th row.

103rd row: As for 69th row:

123rd row: As for 79th row:

143rd row: As for 89th row.

163rd row: As for 99th row:

183rd row: As for 109th row:

Work until 202 rows (all sizes) have been completed. Mark each end of last row to show Waistline.
Work without shaping until 232 (260) (288) rows have been completed.

Shape Armholes as for Back.

Work until 290 (318) (346) rows have been completed.

Break off colour B and release PART Buttons.

From now on the row counter will show as usual.

Shape Neck and Shoulders as for Back.

NECKBAND

Front and Back alike. Pick up 16 (18) (18) sts. down side of neck, take 22 centre sts. and pick up 16 (18) (18) sts. up other side of Neck. Put on machine with wrong side facing. T.8. Press both PART Buttons. Work 16 rows pattern taking care to match the squares with those of centre panel. Break off colour B and release PART Buttons. K.8 rows then change to T. 10 and k. 1 row. Cast off.

ARMBANDS (Both alike)

Join shoulder seams. Pick up 66 (70) (74) sts. around armhole and put on machine with wrong side facing. T.8. Work 16 rows Pattern as for neckband then k. 8 rows. Change to T. 10, k. 1 row and cast off.

TO MAKE UP

Pin out and press under a damp cloth. Join side seams. Fold over neck and armbands and slip-stitch on inside. Press all seams.

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NECKBAND

Cast on 3 sts. and k. across. Inc. 1 st. at beg. and end of next and every alt. row until there are 15 sts. Work without shaping until Band is long enough to go around neck as far as other front corner. Dec. as for top of Front Band until 3 sts. remain. Cast these off together.

TO MAKE UP

Press all parts under a damp cloth on wrong side. Join side, shoulder and sleeve seams. Insert sleeves. Join mitred corners of Front and Neck bands. Sew bands on all round by putting right side against right side, then fold over and slip-stitch on inside. Fold up k. rows at hem and bottom of sleeves and slip-stitch on inside. Press seams.

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TO MAKE UP

Pin out and press under a damp cloth. Using the reverse side of knitting as right side join insertions to sides, leaving 6 rows at top to turn into armhole. Join shoulder seams. Turn up rows in B. at hem and slip-stitch on inside. Sew on neckband with right side against right side, fold over and slip-stitch on inside. Turn in armhole edges and slip-stitch all round. Press seam.

11

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Shape Raglan: 000. Work as for back until 14 (18) (22) sts. remain. Reduce as follows: 1st size: put 2 sts. on 1 needle and 1 st. on the following needle. Rep. this until 9 sts. remain.

2nd size: put 2 sts. on every needle. (9 sts. remain). 3rd size: as 2nd size. K. 24 rows. Cast off.

Cuff: Remove waste. With wrong side facing put 2 sts. on every 5th needle. K. 24 rows. Cast off.

FRONT BAND

T.2. With wrong side facing pick up 1 st. for every 2 rows beg. at bottom edge. K. 24 rows and cast off loosely. Make second front band in the same way.

NECK BAND (BACK)

Pick up 18 (19) (20) sts. down one side, then pick up the 14 centre sts. and 18 (19) (20) sts. up the other side of neck. T.2. With wrong side of work facing k. 6 rows. Change to T.1. and k. 12 rows. Change to T.2. and k. 6 rows. Cast off loosely.

NECK BAND (FRONT)

Fold front bands in half and tack inside. With wrong side of work facing pick up sts. beginning at fold so that there are 37 (38) (39) sts. from fold to shoulder. T.2.1. K. 6 rows. Change to T.1. and k. 12 rows. Change to T.2. and k. 6 rows. Cast off loosely. Work other neck band in the same way.

WELTS

Back. Remove waste. T. 2. Pick up all sts. with wrong side facing. K. 24 rows. Cast off.

Front. Remove waste. T. 2. With wrong side facing pick up 6 sts. across (folded) front band and then all sts. along front edge. K. 24 rows. Cast off. Do the same on other front.

TO MAKE UP

Press all parts under a damp cloth. With flat seam join the top of sleeves to neck bands of back and front. Sew up Raglan, side and sleeve seams. Fold over neck band and slip-stitch on inside. Fold over welt and cuffs and slip-stitch on inside. Slip-stitch front bands on inside. Press all seams.

15 & 16

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BACK

T. 6. With colour B cast on 47 (50) (53) sts. on alternate needles. K. 30 rows.

Make Hem: Bring empty needles into position C and slip cast-on sts. over corresponding needles. Change to T. 7 and k. across. Break off colour B. Thread colour A. 000. Transfer every 4th st. 1 needle to the right and put empty needles into position A. (24/25/26) groups of 3 sts. each.

For 3rd size bring up one more needle at beginning.

K. 90 (98) (106) rows.

Shape Armholes: Cast off 3 sts. at the beg. of the next 4 rows. K. 10 rows. (All sizes).

Divide for Back Opening: Put half the number of sts. away from carriage into position E. HCL. III. K. 32 (36) (40) rows.

Shape Shoulders: Cast off 6 (7) (8) sts. at armhole edge on next three alternate rows. Leave remaining sts. on stitch-holder. Work the other side in the same way.

FRONT

Work welt and hem as for Back. Thread colour A.

Set needles as follows: Leave 22 centre sts. in position C (all sizes). Trans. next st. on both sides of centre to the next needle outwards. Continue to put every 4th st. onto adjoining needle outwards until groups of 3 sts. are set as for Back. Put all empty needles into position A. 000. * K. 2 rows colour A.

3rd & 4th row: Both PART Buttons. Thread colour B. Bring 16 centre sts. into position D and k. 2 rows.

5th & 6th row: PART. Thread colour A. Bring all needles except 16 centre sts. into position D and k. 2 rows. Release PART Buttons. * These 6 rows form pattern. Work 120 (130) (140) rows. Break colour B. Bring empty needles between groups into position C.

Shape Armholes: Cast off 3 sts. at beg. of the next 4 rows but change to colour B on 3rd and 4th row. Continue to work in stripes of 2 rows until 24 rows have been completed. Break off colour B. Transfer sts. back into groups of 3 including those in centre and k. 8 (10) (12) rows.

Shape Neck: Put 12 centre sts. (all sizes) onto spare thread and work one side only. Put needles away from carriages into position E. HCL. III. 000.

K. 2 rows. Cast off 2 (2) (3) sts. at neck edge of next row then dec. 1 st. at neck edge of every alternate row until 18 (21) (24) sts. remain. Shape Shoulder as for Back.

Work the other side in the same way.

FRONT NECKBAND

With wrong side facing and starting at shoulder edge, pick up 16 (18) (20) sts. down side of neck, take centre sts., then pick up same number of sts. on other side of neck. Put on machine on alternate needles. T. 5, and with colour B k. 8 rows. Cast off loosely.

BACK NECKBAND

Put sts. from Back onto alternate needles and work in the same way.

ARMBANDS

Join shoulder seams. Pick up 42 (46) (50) sts. evenly along armhole edge and put on alternate needles. K. 6 rows and cast off loosely.

TO MAKE UP

Join side seams. Fold over neck and armbands and slipstitch on inside. Work 2 rows double crochet along each side of Back Opening. Make 3 loops of 3 chain on next row on right side. The first loop in colour B on neckband and the next 2 loops at regular intervals in colour A. Sew on buttons. Press under a damp cloth.

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4th row: SL. to SET. K. from right to left. SL. to OFF.

For KH-580.

1st row: RD. on A. Col. B. PSB. 1 & 5, SL. to SET. K. from left to right.

2nd row: SL. to SET. K. from right to left.

3rd row: RD. to B, SL. to SET. Col. A. K. from left to right.

4th row: SL. to SET, k. from right to left.

Return RD. to A.

Rep. these 4 rows twice.

Release PART Buttons and k. 2 rows with col. B.

These 14 rows form pattern.

Work until 126 (140) (154) rows have been completed.

Shape Armholes: Cast off 12 sts. at the beg. of the next 2 rows and from this point keep 11 centre sts. in col. A by setting the required needles by hand. Continue in pattern until the next 2 rows in col. B have been completed.

NOTE

During this part of the pattern the PART Buttons are not released for the 2 rows in col. B but the needles to be worked in col. B are set by hand for 2 rows then the remaining needles are worked in col. A for 2 rows.

Now keep 35 centre sts. in col. A and continue in pattern until the following 2 rows in col. B. have been completed. Keeping

59 centre sts. in col. A continue in pattern until the next 2 rows in col. B have been completed. Break off col. B and release PART Buttons.

K. 20 (20) (26) rows.

Shape Shoulders and Set Pattern for Neck: Counting from the left trans. 25th (28th) (31st) st. to 24th (27th) (30th) n. and every following 4th st. 1 n. to the left until there are 9 empty needles. Put these into position A. Cast off 7 (8) (9) sts. at the beg. of the next 6 rows.

Change to T. 7 and k. 4 rows. Thread col. B and k. 4 rows. Break off col. B. K. 6 rows then change to T. 10 and bring up empty needles to position C. K. 1 row and cast off loosely.

BACK

Work as for Front until 3 whole patterns above Armhole shaping have been completed. Break off col. B.

Divide for Back Opening: Trans. centre st. 1 n. to the left and put needles away from carriage into position E. HCL's. III. K. 20 (20) (26) rows.

Shape Shoulder and Set Pattern for Neck: Counting from centre edge trans. 5th and every following 4th st. 1 n. to the left until there are 4 empty needles. Put these into position A. Cast off 7 (8) (9) sts. at armhole edge of following 3 alternate rows. Change to T. 7 and k. 4 rows. Thread col. B and k. 4 rows. Break off col. B. K. 6 rows, change to T. 10 and bring empty needles into position C. K. 1 row and cast off loosely. Work the other side in the same way but when setting pattern for Neck trans. sts. 1 n. to the right instead of left.

WELTS

Back and Front alike.

Remove waste knitting at bottom edge and put sts. on machine with wrong side facing. Trans. every 4th st. 1 n. to the left and put empty needles into position A. T. 7. Thread col. A. K. 30 rows (all sizes). Bring up empty needles to position C and change to T. 10. K. 1 row and cast off very loosely.

SLEEVES

Join shoulder seams. With wrong side facing pick up 87 (87) (91) sts. along straight edge of Armhole. Thread col. B. T. 8. K. 2 rows. 000. Work 36 rows pattern. Dec. 1 st. at beg. and end of next and every following 6th row until 51 (55) (59) sts. remain. When 101st (115th) (129th) row has been reached keep 11 centre sts. in col. A and set required needles by hand.

Work in pattern as on Front until next 2 rows in col. B have been completed then keep 35 centre sts. in col. A.

When following 2 rows in col. B have been completed break off col. B. K. 7 rows. Decrease 6 sts. evenly across next row by transferring sts. and shifting to close the gaps.

Cuff: Change to T. 7. 000. Trans. every 4th st. 1 n. to the left. Put empty needles into position A and k. 40 rows. Change to T. 10, bring empty needles back to position C and k. 1 row. Cast off loosely.

TO MAKE UP

Pin out and press under a damp cloth. Join side and sleeve seams taking care to match pattern. Fold welts, cuffs and neckband and slipstitch on inside. Work a row of double crochet down each side of Back opening. Work a second row down right side and make 2 (2) (3) buttonhole loops at equal spaces. Sew on buttons.

Cut the long threads in col. B at front and bottom of sleeves in centre and darn in neatly on each side. Press all seams.

HOOD

T. 8. With odd wool cast on 99 sts. and k. 6 rows waste. Thread col. B and k. 2 rows. 000. Work 70 rows pattern.

71st row: PART buttons still in. Col. B, PSB. 1, (for KH-580, PSB. 1 & 5), SL. to SET. Push 1st, 5th and every following 4th n. in position D back to position C so that there are now 6 groups of 3 needles in position D. K. 2 rows over these.

73rd row: Col. A, PSB. 2, 3 & 4 (for KH-580 PSB. 2, 3, 4, 6, 7 & 8), SL. to SET. Bring up needles that were not knitted in previous 2 rows to position D so that there are now 5 groups of 7 needles in position D as well as the first and last 5 sts. K. 2 rows over these. Rep. these 4 rows twice.

83rd row: Col. B, Bring up 6th – 14th, 22nd – 30th, 38th – 46th, 54th – 62nd, 70th – 78th, 86th – 94th needles to position D. K. 2 rows over these.

85th row: Bring needles not knitted in previous 2 rows to position D and k. 2 rows over these. Break off col. B. K. 20 rows Cast off

Fold in half and sew up along cast-off edges

Remove waste knitting at bottom edge and put sts. on machine with wrong side facing. Trans. every 4th st. 1 n. to the left and put empty needles in position A. T. 7. K. 19 rows Bring empty needles back to position C, change to T. 10, k. 1 row and cast off.

Front Edge: Pick up 116 sts along front edge and put on machine with wrong side facing. T. 7. Thread col. B and k. 1 row. Trans. every 4th st. 1 n. to the left and put empty needles into position A. K. 7 rows. Bring empty needles back into position C, change to T. 10, k. 1 row and cast off.

TO MAKE UP

Fold rib at bottom edge and slip-stitch on inside leaving ends open. Fold Front Edge and slip-stitch on inside. Make cord and thread through rib at bottom. Press.

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Shape Armholes: Cast off 4 sts. at the beg. of the next 2 rows then dec. 1 st. at beg. of the next 8 (8) (8) rows. (57/63/69 sts.) Work without shaping until 96 (102) (108) rows have been completed. Cast off 19 (21) (23) sts. at the beg. of the next 2 rows.

COLLAR

Break off col. A and thread col. B. T. 8. 000. Trans. every 4th st. 1 n. to the right and put empty n. into pos. A. K. 8 (10) (12) rows. Change to T. 7 and k. 18 (20) (20) rows. Change back to T. 8 and k. 8 (10) (12) rows. Change to T. 10 and bring empty n. into position C. K. 1 row. Cast off loosely.

FRONT

With odd wool cast on 81 (87) (93) sts. Work as for Back until 66 (72) (76) rows have been completed.

Shape Armholes and work Neck Inset.

000. Press both PART buttons.

1st & 2nd row: Bring centre N. to position D. Thread col. B into centre wool feed, k. across and back. (1 needle only).

3rd & 4th row: Cast off 4 sts. at beg. of 3rd row. Thread col. A into left-hand wool feed, bring all n. to the left of centre n. to pos. D, k. across and back.

5th & 6th row: Cast off 4 sts. at end of 5th row: Thread a second ball of col. A into right-hand wool feed, bring all n. to the right of centre n. to pos. D, k. across and back.

7th & 8th row: Bring 3 centre n. to pos. D, k. across and back in col. B.

9th & 10th row: Cast off 2 sts. at beg. of 9th row. Bring all n. left of sts. in col. B to pos. D; with col. A k. across and back.

11th & 12th row: Cast off 2 sts. at end of 11th row. Bring all n. right of sts. in col. B to pos. D; with col. A k. across and back.

13th & 14th row: Trans. sts. in col. A nearest to those in col. B 1 n. inwards (col. A on top of col. B) and put empty n. into pos. A. Bring 5 centre n. to pos. D. With col. B k. across and back.

15th & 16th row: Dec. 1 st. at beg. of 15th row. Bring all n. left of sts. in col. B to pos. D; with col. A k. across and back.

17th & 18th row: Dec. 1 st. at end of 17th row. Bring all n. right of sts. in col. B to pos. D; with col. A k. across and back.

19th & 20th row: Bring 7 centre n. to pos. D. With col. B k. across and back.

21st & 22nd row: Dec. 1 st. at beg. of 21st row. Work as 15th & 16th row.

23rd & 24th row: Dec. 1 st. at end of 23rd row. Work as 17th & 18th row.

This completes armhole shaping.

25th & 26th row: Bring 9 centre n. to pos. D; with col. B k. across and back.

Continue to work inset in this way, always taking 1 more st. each side of centre on rows in col. B and keeping these sts. in rib 3 x 1 by transferring every 4th st. inwards as in row 13 and putting empty n. into pos. A.

Work until 64 (66) (68) rows have been completed.

Next row: Shape Neck: HCL. II. Continue in pattern. Put 9 centre sts. onto a spare thread and put empty n. into pos. A. Put n. away from carriage into pos. E and work on one side of neck only.

Dec. at neck edge on alt. rows in col. B only as follows: Cast off 3 sts. once then dec. 1 st. until 19 (21) (23) sts. remain. Cast off. HCL. I. Work the other side of neck in the same way.

COLLAR

Put the 9 centre sts. on machine with wrong side facing. Pick up 5 (6) (7) sts. on each side of centre and put on machine leaving every 4th n. in pos. A. Work as for Back.

WELTS (Back and Front alike)

Remove waste and put sts. on machine with wrong side facing. Trans. every 4th st. 1 n. to the right and put empty n. into pos. A. T. 8. K. 26 (30) (30) rows. Bring empty n. to pos. C, change to T. 10 and k. 1 row. Cast off loosely.

SLEEVES

T. 8. With col. B cast on 27 (30) (33) sts. leaving every 4th n. in pos. A. K. 18 (20) (22) rows. Make Cuff by folding work and slipping every cast-on st. over corresponding n. K. across. 000. T. 9. Inc. 1 st. at beg. and end of next and every 6th row until there are 51 (54) (57) sts. Work until 64 (70) (76) rows have been completed.

Shape Top: Cast off 5 (6) (6) sts. at beg. of the next 2 rows and 2 sts. at beg. of following 2 rows. Dec. 1 st. at beg. and end of alt. rows until 9 sts. (all sizes) remain. Mark each end of this row. K. 20 (22) (24) rows. Mark each end of this row.

Change to T. 8 and work as for Collar.

Make the other sleeve in the same way.

TO MAKE UP

Pin out and press all parts under a damp cloth. Join the cast-off sts. at back and front to each side of straight piece between marked rows at top of sleeve but leave half of the left back seam open. Join Collar seams except for left back. Set sleeves into armhole and join side and sleeve seams. Insert zip into back shoulder opening, fold collar onto inside and slip-stitch loosely all round. Fold up welts and slip-stitch on inside. Press seams.

TROUSERS

Start at bottom of leg. T. 9. With col. A cast on 47 (51) (55) sts. K. 8 rows.

Set for Stripe: Press both PART buttons. Counting from the right trans. 20th (22nd) (24th) st. 1 n. to the right and put empty n. into pos. A.

1st & 2nd row: Bring all n. except the 3 on each side of empty n. to pos. D and k. across.

3rd & 4th row: Thread col. B. Bring 3 n. each side of empty n. to pos. D and k. across.

Rep. these 4 rows and inc. 1 st. at beg. and end of 16th and every following 8th row until there are 93 (97) (101) sts. Work

until 198 (200) (204) rows have been completed.

Shape Crutch: Dec. 1 st. at beg. and end of alt. rows in col. **A** only four times. Work 2 rows in col. **B**.

000. Now dec. 1 st. at left-hand side (back) on every 16th row 4 (4) (5) times. Work 8 rows after last decrease.

Break col. **B**.

Shape Seat: Release PART Buttons. HCL. III. Put all n. except 14 (14) (10) nearest carriage into pos. E. K. across and back. Bring 13 (13) (10) n. back to pos. C on alt. rows twice (twice) (three times). HCL. I. K. across and back.

Counting from the stripe in col. **B** trans. every 4th st. 1 n. to the left and put empty n. into pos. A. T. 8. K. 20 rows (all sizes), change to T. 10. Bring empty n. to pos. C, k. 1 row and cast off loosely.

Make the other leg in the same way with shapings in reverse and counting from the right to set Stripe in col. **B**.

TO MAKE UP

Pin out and press under a damp cloth. Join Back and Front seams. Join leg seams. Fold over waist rib and slip-stitch on inside, leaving opening to thread elastic. Fold up 8 rows at bottom of leg and slip-stitch on inside. Press seams.

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TO MAKE UP

Pin out and press under a damp cloth. Join side, shoulder and sleeve seams. Set in sleeves. Fold back front edge to the depth of half the sts. remaining after casting off at shoulder and slip-stitch on inside. Join short ends of collar on wrong side and turn right side out. Mark centre of Collar and centre back of Neck. Place right side of Collar against wrong side of Coat and pin in position so that ends of Collar correspond with fold on each front edge. Sew on firmly with 4 rows waste inside. Slip-stitch open side of Collar around back of neck. Turn up 12 rows waste at bottom and sleeve edges and slip-stitch on inside. Press seams.

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BACK AND FRONT ALIKE

T.6. Cast on 114 (120) (126) sts. K. 10 rows.

Work in pattern until 10 (11) (12) pattern stripes have been completed. Dec. 1 st. at beg. and end of 2nd, 4th, 6th & 8th row of following st.st. stripe. (106/112/118 sts.) Work 1 pattern stripe then change to T.5 for next st.st. stripe. Mark each end of last row with contrasting thread to show waistline. Change back to T. 6 and work complete pattern (34 rows). Now inc. 1 st. at beg. and end of 2nd and 4th rows in following 2 st.st. stripes. (114/120/126 sts.)

Continue without shaping until 17 (18) (19) pattern stripes have been completed.

Shape Armholes: Cast off 4 sts. at the beg. of the next 2 rows. Dec. 1 st. at beg. of every row in **st.st. stripes only** until 3 pattern stripes after Armhole have been completed.

Largest Size only: Work one more pattern stripe but dec. at beg. & end of 2nd and 6th row. of last st.st. stripe only. K. 10 rows. Cast off.

TO MAKE UP

Pin out and press under a damp cloth. Join side seams taking care to match pattern. Join shoulder seam for 2 (2½) (3) inches from armhole edge. Fold under last st.st. stripe at neck edge and slip-stitch on inside. Fold up the first 10 rows to form hem

and slip-stitch. Work around neck and armholes as follows: Work 1 row double crochet then make Picot Edge. * 3 chain, 1 double crochet into first chain, 1 double crochet into double crochet in previous row * rep. from * to * all round. Close round with slip-stitch. Break off wool. Press seams.

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COAT

BACK

T.3. Cast on 102 sts. K. 30 rows.

Make Hem: Fold and slip each cast-on st. over corresponding needle. K. across.

Work Transfer Pattern according to chart until 3 complete patterns have been completed. K. 36 rows.

Shape Armhole: Cast off 4 sts. at the beg. of the next 2 rows. Dec. 1 st. at beg. and end of the next 8 rows. 000. K. 56 rows.

Shape Shoulders: Cast off 9 sts. at beg. of next 6 rows. Cast off.

FRONT

T.3. Cast on 52 sts. Work as for Back until 36 rows after pattern have been completed

Shape Armhole: Cast off 4 sts. at right-hand side of next row. Dec. 1 st. at same edge of every row eight times. 000. K. 32 rows.

Shape Neck: Cast off 2 sts. at left-hand side of next and following alt. row. Dec. 1 st. at same edge on alt. rows twice, then on every 4th row until 27 sts. remain. When 56 rows have been completed **Shape Shoulder:** Cast off 9 sts. at armhole edge of next 3 alt. rows.

Work the other front in the same way.

SLEEVES

With odd wool cast on 72 sts. T. 3. K. 6 rows waste. Thread Bri-Nylon and k. 10 rows. Inc. 1 st. at beg. and end of next and every following 6th row until 13 increases have been completed Knit 6 more rows.

Shape Top. Cast off 4 sts. at beg. of the next 2 rows. K. 4 rows. Dec. 1 st. at beg. of every row until 26 sts. remain. Cast off.

Cuff. Remove waste and replace sts. so that there are 2 sts. on every 5th n. (58 sts.) T. 2. K. 20 rows. Drop alt. sts. down sleeve and latch up k. wise. Cast off.

Work the other sleeve in the same way.

COLLAR

T. 3. Cast on 80 sts. Inc. 1 st. at beg. and end of every row ten times. K. 6 rows without shaping, then dec. 1 st. at beg. and end of alt. rows until 26 rows have been completed.

Shape Neck: Using separate thread cast off 30 centre sts. Put needles away from carriage into Position E. HCL. III. Work on remaining sts. Continue to dec. 1 st. at outside edge, and at the same time dec. 1 st. on every row on inside edge until 3 sts. remain. Put these on 1 n. and k. off by hand.

Work the other side of collar in the same way.

FRONT BANDS

Right: Pick up 4 sts. along front edge and put on machine with wrong side facing. T. 3. K. 8 rows.

Make Buttonholes: Counting from bottom edge lay contrasting thread over 15th, 16th and 17th st., 36th, 37th and 38th, 57th, 58th and 59th, 78th 79th and 80th st. K. these off by hand. K. 15 rows. Rep. Buttonhole row. K. 8 rows. Cast off loosely. Make the other Front Band in the same way, but without buttonholes.

TO MAKE UP

Press all parts under a damp cloth. Sew up side, shoulder and sleeve seams. Fold over front and bottom edges and slip-stitch on inside. Oversee buttonholes and sew on buttons to

match. Work crochet edge around collar as follows: Beginning at neck edge of collar make 1 single crochet, 6 treble into same st. about 4 rows from beginning, 1 single crochet into st. 4 rows away. You have now made one shell pattern. Repeat this all round collar ending at neck edge of other short side. Break off wool. With contrasting thread embroider three lazy-daisies at each corner. Sew on collar beginning and ending at inner edge of front band.

LEGGINGS (Beg. at ankle)

T. 2. Cast on 62 sts. K. 16 rows. Make rib by dropping alt. st. down to cast-on row and latch up k. wise.

T. 3. **From now onwards work pattern as on coat over 9 centre sts.** and inc. 1 st. at beg. and end of next and every 4th row until 120 rows have been completed. K. 4 rows. Continue to work centre pattern and **Shape back (seat) and front edge:** At the beg. of next 12 rows dec. 1 st.

13th row: K.

14th, 15th, 16th rows: At the beg. of each row dec. 1 st.

17th and 18th rows: K.

19th and 20th rows: At beg. of each row dec. 1 st.

From now onwards dec. as follows: At beg. of 24th 27th, 28th, 35th, 36th, 56th and 76th rows dec. 1 st. Continue knitting without shaping until fourteen centre patterns have been completed.

To finish shaping of seat: HCL. III. Put 45 n. at front edge in position E. K. across remaining sts. and bring 10 n. back to position C on each alt. row.

T. 2. K. 30 rows. Make rib by dropping every 5th st. down last 30 rows and latch up k. wise. Cast off.

Make the other leg in the same way, but with shapings in reverse.

TO MAKE UP

Press both parts under a damp cloth.

Beginning at top of back join the two halves with back stitch, working over the crutch and up the front. Join leg seams. Fold over ribbing at top and slip-stitch on inside. Insert elastic. Turn on to right side and press seams.

BONNET

Starting at front edge cast on 120 sts. T. 3. K. 70 rows. 000. At the beg. of next 2 rows cast off 42 sts. K. across remaining 36 centre sts. and dec. 1 st. at beg. and end of 6th and every

following 4th row until 20 sts. remain. When 62 rows have been completed work as follows: Bring 34 n. at each side of centre sts. into position C. With a knitting needle pick up 34 sts. along each side edge across the 70 rows worked from beginning. Fold over sides so that the 34 sts. at each end are put onto corresponding n. K. 30 rows and cast off.

TO MAKE UP

Sew up open seams. Fold over last 30 rows and slip-stitch on inside.

Crocheted Border

Beginning above neck band and with wrong side facing, work 5 rows of Shell pattern as for coat collar. Alt. patterns so that shells of rows 2 and 4 come between rows 1, 3 and 5. Crochet cord for each side of bonnet. Finish cord with pompom, or flower made by working a round of buttonhole st. in contrasting colour in centre of cord. Make petals by working from center with main colour 10 chain, 1 single crochet into centre. Make 3 more petals in the same way. Break off wool. Thread n. and make long stitches to fill in petals. Make four lazy-daisy flowers each side. Press seams.

SOCKS

T. 2. Cast on 48 sts. K. 16 rows and make rib by dropping alt. sts. down to cast-on row and latching them up k. wise. T. 3. K. 16 rows.

Shape Heel: Put 24 n. away from carriage into position E. HCL. III. Work on remaining sts. as follows:

1st & 2nd row: Put last 2 n. into position E, k. across.

3rd & 4th row: Put last n. into position E, k. across. Rep. these 4 rows twice.

Now bring back needles to position C in the same sequence as they were put into position E.

HCL. I. K. across. (All n. are now in position B.)

K. 39 rows.

Shape Toe: Put 24 n. away from carriage into position E. HCL. III. Work on remaining sts. as follows:

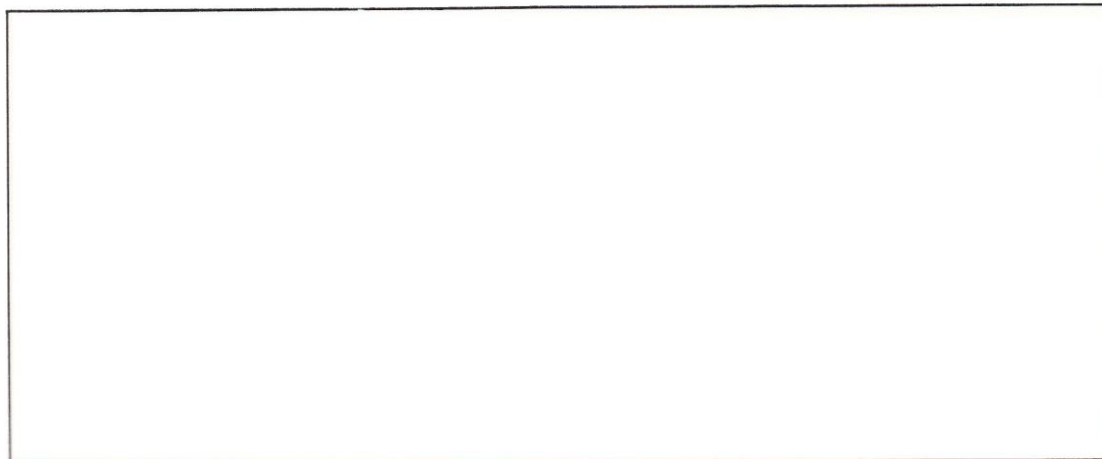
Dec. 1 st. at beg. and end of every row until 8 sts. remain. Put these on thread.

HCL. I. Work other half in the same way.

Make the other sock in the same way.

TO MAKE UP

Graft two groups of 8 sts. at toe. Join seam. Work 4 lazy daisies as on Bonnet.



INTRODUCTION

Dear BROTHER—Knitter;

Welcome to the advanced world of automatic hand knitting!

We know that you have before you hundreds of hours of creative knitting pleasure. You, your friends and your family will benefit tremendously from the beautiful knitted garments you will produce.

Learning to knit this new modern way is simple, but like anything else, it requires a little patience and some practice. We recommend that you take one step at a time, and do not proceed to the next section until you are satisfied that you have mastered the previous one.

Your BROTHER knitter is the most compact and versatile home knitter ever built. By following the lessons provided and referring to your Instruction Manual, you will soon master the basic principles of machine knitting; and will be amazed at the exclusive and fashionable garments you will easily produce.

ABOUT THIS BOOK

This book has been designed by a team of Brother Knitting Instructors, drawing from their previous experience in conducting Brother Knitting Schools. The steps are set out in a simple and progressive manner; to enable the beginner to become an expert in the shortest possible time.

The sections are set out as follows:

1. EXPLANATION OF THE MACHINE AND PARTS
2. LEARNING TO KNIT IN '3 SIMPLE LESSONS'.
3. SELF SERVICE AND MAINTENANCE
4. TENSIONS AND MEASUREMENTS
5. ADDITIONAL KNITTING HINTS.
6. PATTERN STITCH SECTION. (FOR 8-BUTTON AND 4-BUTTON MACHINES).



EXPLANATION OF THE MACHINE AND PARTS

Set up the knitter according to the illustrations and instructions in your Manual. Familiarize yourself with the most obvious parts of the machine.

1. The needle bed contains 200 needles; 100 on either side of the centre needle '0'. The numbers on the lower needle bed clearly show the number of needles in use. The letters at each end indicate the positions of the needles.
2. The carriage with the sinker plate unit completes the main mechanism of your knitter. The apparatus for weaving is built into the carriage and the sinker plate. When you are not doing weaving, the levers on the carriage and sinker plate should be in 'N' (neutral) position.
3. The two cast-on combs are used for raising the stitches to obtain a double ribbing effect. The small one is used for up to 100 needles of knitting.
4. Row Counter: When the tripper on the carriage is extended it will add an additional row on the counter, every time the carriage is moved across the needles. The row counter can also be moved to the other side for knitting a 'V' neck.

FUNCTIONS OF THE CARRIAGE

The movement of the carriage across the needles in action (**Position B**), automatically knits each needle in turn; thereby knitting one row. Once the carriage has been moved across the needles in one direction, it cannot be returned until that row has been completed. At the end of a row you will hear a 'click' from the carriage; which signifies that the row has been completed and you can return.

It is advisable not to move the carriage *too* far away from the end needles after completing a row, as this will tend to slacken the tension in the springs on the return movement.

CARRIAGE BUTTONS

There are five buttons on the front of the carriage. They are used for various stitch patterns to set the carriage to enable it to knit various stitches.

The arrow above the button shows that the carriage is set for that direction. If both buttons are depressed together, the carriage will be set for both directions.

PART: These buttons are used mainly for fair-isle and similar patterns. When using the **PART** buttons, both H.C.L.'s **must** be on **Position 1**. If both buttons are in, and the needles are not set, the carriage will move across needles without knitting the stitches.

PLAIN: This button is pressed only to cancel any of the other buttons previously set. It does not remain in.

TUCK: These buttons are used to form 'tucking' stitch patterns. When using them, the H.C.L.'s must be on **Position 1**.

HOLDING CAM LEVERS (H.C.L.'s.)

The H.C.L.'s on either side of the carriage have three positions marked on the carriage, I, II, and III.

I: All needles set forward to C, D or E positions will return to working position B.

II: Intermediate position; This position is used when both I and III positions are to be used (i.e. when knitting a 'V' neck with a pattern).

III: Holding Position—Any needles brought forward to Positions C, D, or E will not knit if the H.C.L. closest to the knitting is on III. **N.B.** As a safety measure, the H.C.L.'s will not go into **Position III** when the weaving levers are set to 'T'.

WEAVING LEVERS (FOR KH-580)

The weaving levers are behind the H.C.L.'s at the sides of the carriage, and the weaving buttons are on the top of the sinker plate. If you are weaving in one direction only, then the button closest to the knitting must be put in **Position 'T'**; and the lever closest to the knitting also to **Position 'T'**. To move the weaving lever it must be depressed slightly.

If you are weaving in both directions then both levers *and* both buttons must be in **Position 'T'**.

When you are *not* weaving; but knitting, levers and buttons *must all* be in 'N' Position.

PREPARING FOR KNITTING

To prepare the yarn for knitting it should be wound into a ball, using the yarn winder. It is important that the yarn flows freely, as any pull or interference of the yarn affects the even motion of the carriage, resulting in uneven stitches at the edges. The centre thread of the ball is used; and if it is too tight then the ball should be rewound. Place the ball on the table behind the knitter, directly below the yarn tension unit. Ensure that there is nothing against the ball to interfere with the flow of yarn to the machine.

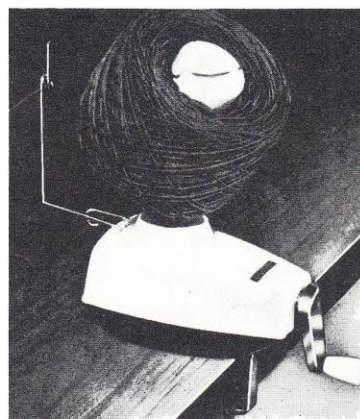


FIG. 1

LEARNING TO KNIT IN '3 SIMPLE LESSONS'

1st LESSON

Set up the knitter as explained in your Manual; and prepare your wool as shown in the previous chapter. For the purpose of training you should use a good quality 3 or 4 Ply wool—one that can be knitted over a number of times, without breaking. Do *not* attempt to practice on a thicker wool.

Thread the automatic Yarn Tension Unit (Y.T.U.), and ensure that the tension is correct for that type of wool. Place the end of the wool in the yarn clip on the Y.T.U. rod.

With the carriage on the right side, bring forward 60 needles to Position B : 30 on either side of the centre '0'. These can be brought forward by pushing the butts of the needles with the flat end of the needle pusher. Ensure that the needles are in a straight line in Position 'B'.

Fit the cast-on comb onto the pegs of the needle gate. N.B. The clips on the comb must slip over the part of the gate peg that is below the front lower needle bed.

Set the Tension Dial on the carriage to No. 6 and the H.C.L.'s on either side of the carriage to Position I.

CASTING ON

OPEN END METHOD: Thread the yarn into the centre slot of the yarn feeder. Holding the end of the yarn below the knitter with your one hand, move the carriage across the needles with the other.

Slip the end of the yarn into the clip on the cast-on comb. Turn the levers on the sides of the comb and drop the comb onto the loops formed between the needles. Raise the yarn going from the comb to the carriage, so that it goes under the last comb peg, adjacent to the end needle, and above the rest.

Knit the next row slowly, and continue knitting. After knitting a few rows, remove the knitting from the machine (by taking the thread out of the yarn feeder, and knitting one row across). Practice this cast-on two or three times.

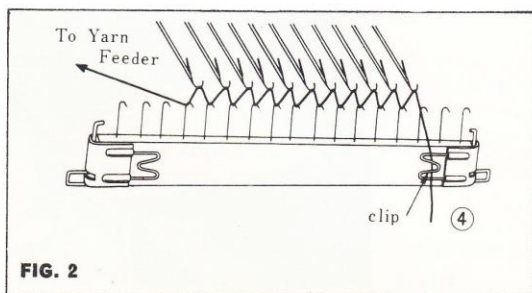


FIG. 2

FINISHED EDGE CAST-ON:

1. Place the carriage on the right side.
2. Hang the cast-on comb onto the pegs of the needle gate. Bring forward to Position 'E' all the needles to be used for casting on.

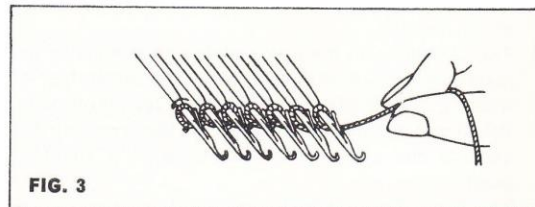


FIG. 3

3. Fasten the end of the yarn with a slip knot onto the end needle on the left.
4. Loop the yarn around each needle from left to right, counter clockwise. The loops must be pushed back on the stems of the needles. To control these loops as you wind, hold your thumb under the last one before making another. If the loops are too tight it will be difficult to knit the second row.
5. Thread the yarn into the feeder, and pull the strand coming from the ball down, to take up the slack.
6. Gently move the carriage to the left, to knit the first row.
7. Lower the comb onto the stitches and leave it suspended until about 10 rows have been knitted.

CONTINENTAL RIB (DOUBLE EDGE) CAST-ON:

Hand knitters are accustomed to starting most garments with ribbing; this quick rib is the ideal solution.

1. Bring into working position B every **alternate** needle over the width you wish to knit. Place the carriage on the right.

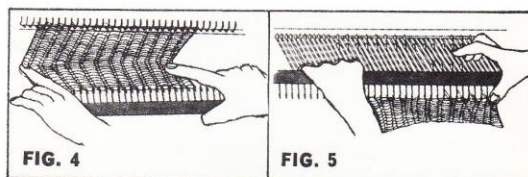


FIG. 4

FIG. 5

2. Hang the cast-on comb onto the gate pegs. Set the Tension Dial to 10.
3. Knit one row gently, and drop the comb onto the loops formed. See that the yarn is not caught below the end pegs of the comb. Stitches must remain in the hooks.
4. Re-set Tension Dial to 3. Knit approximately 50 rows.

5. Bring forward into Position E all the alternate needles that were previously out of action.
6. Now fold the knitting in half and push the stitches from the cast-on comb hooks, onto the empty needles in Position E. To keep the stitches from dropping off the hooks; grasp the comb at each end, place your thumbs underneath the comb, and place the index finger of each hand into the fold of the knitting. Put the stitches onto the needles one by one, starting from one end. (see Fig. 4).
7. Now remove the comb from the loops by tipping it backwards and lifting up. The stitches will all slide off. *Remember* to release yarn from the right side spring of the cast-on comb. (See Fig. 5.)
8. Re-set tension to that required for the wool used. The end of the yarn from the first row can now be pulled to tighten the stitches where the rib joins the knitting.

The raising of the stitches may seem difficult at first, but remember—practice makes perfect!

If the carriage should stick in the middle of a row then check with your Instruction Manual for releasing it, and unravelling the stitches of that row.

AUTOMATIC CAST-ON: See under additional knitting hints on page 57.

PICKING UP DROPPED STITCHES:

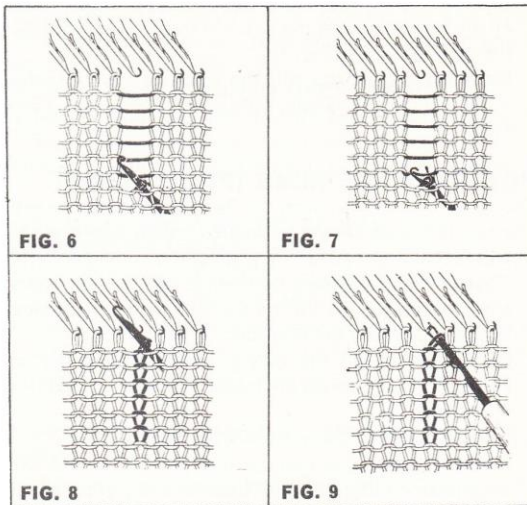
A. IF THE STITCH HAS DROPPED ONE ROW, then with the single transfer tool, pick up the stitch and the unknitted thread and put them both on the empty needle.

Push the needle forward, until the stitch falls just behind the latch of the needle; catch the thread of the unknitted stitch into the hook of the needle; and push the needle back. The stitch will slide over the closed hook of the needle and be re-knitted.

B. IF THE STITCH HAS DROPPED A NUMBER OF ROWS, then insert the latch hook into the last stitch that has not dropped, from behind the fabric (i.e. the side that is *not* facing you).

1. Hold the latch hook at right angles to the knitting, and pull the knitting down slightly.
2. Push the tool towards you. The stitch will fall behind the latch. (See Fig. 6.)
3. Now pull the tool back, at the same time catching the thread across, in the hook. Make sure to position the hook in the centre of the horizontal thread, and to pull, the tool all the way back until the stitch is formed. (See Fig. 7).
4. In the same way knit the stitches all the way to the top stitch. (See Fig. 8).

5. Place the transfer tool into the hook of the latch tool, and transfer the last stitch onto the transfer tool. Now place the stitch onto the empty needle. (See Fig. 9.)

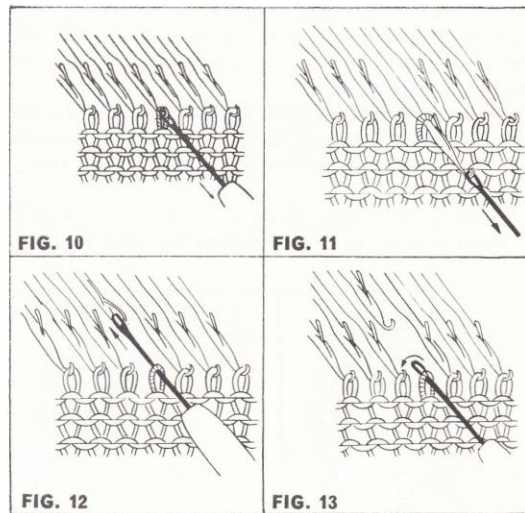


HOW TO USE THE TRANSFER TOOL:

The transfer tools are used to move stitches onto different needles to effect the shaping of the garment, and also to form lacy patterns.

Before transferring the stitches you should open the latches of the needles to be used.

1. Hold the one eyed transfer tool parallel with the needles. Place the eye into the hook of the needle. (See Fig. 10).



2. With the transfer tool, bring the needle forward. The stitch in the hook of the needle will slide behind the latch and onto the stem of the needle. (See Fig. 11.)
3. Without releasing the transfer tool, push the needle all the way back until the stitch is transferred onto the transfer tool. (See Fig. 12).
4. Raise the transfer tool with the stitch on it and transfer it to the adjacent needle, right or left as desired. (See Fig. 13).

HOW TO MAKE HEMS (PICOT) EDGE:

The hem is a very popular border trim for a garment. The tension used should be approximately one number less than that required for the plain stitch of the garment.

1. Cast on the necessary number of stitches on every alternate needle, as for the Continental Rib. Tension No. 10 is used for the first row.
2. Bring forward all the empty alternate needles to Position 'B' and re-set the tension to that required for the hem.
3. Knit the depth of the hem about 20 rows.
4. Using the one eyed transfer tool and starting at the second stitch from the end; transfer every other stitch to the adjacent needle. When the row is completed every alternate needle is empty and the others contain two stitches.
5. Push back all the needles to working position 'B'.
6. Knit the other half of the hem adding one extra row. (i.e. 21 rows).
7. Fold the knitting in half (as for the Continental Rib) and insert the stitches onto the corresponding needles. The tailored hem is knitted as above except that no picot transfers are necessary. (Omit steps 4 and 5).

INCREASING STITCHES: ONE STITCH AT EITHER EDGE.

A. SIMPLE METHOD. Simply bring into working position B one needle from Position A, on the side nearest the carriage. The empty needle will pick up the yarn on the next row.

B. FULL FASHIONED METHOD. 1. Using the two needle transfer tool, move the stitches out by one needle so that the 3rd needle from the end becomes empty. (See Fig. 14).

2. To fill in the empty needle pick up the purl side of either adjacent stitch on the lower row. (See Fig. 15).

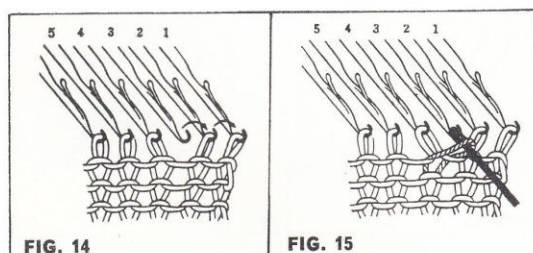


FIG. 14

FIG. 15

SEVERAL STITCHES AT EITHER EDGE

1. Push the needles to be increased, to Position E on the same side as the carriage.
2. Loosely wind the yarn around the stems of each needle, going around the needles from below. (See Fig. 16).
3. Raise the H.C.L.'s to Position 1.
4. Knit across one row.

To ensure perfect knitting on the increased stitches, raise these needles to Position E before knitting across for the next 2 or 3 rows.

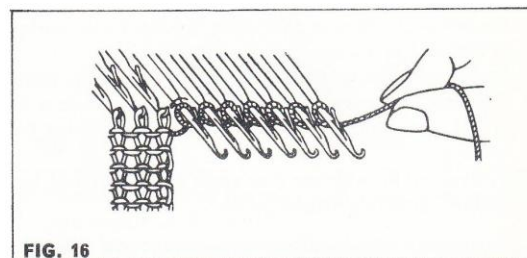


FIG. 16

INCREASING ONE STITCH IN CENTRE OF ROW

1. Determine the position where you want to increase one stitch.
2. Use the 3 needle transfer tool, starting from either end, transfer all the stitches outward in either direction until the required needle is free. (See Fig. 17).
3. Pick up the adjacent lower half stitch onto the empty needle. (See Fig. 18).

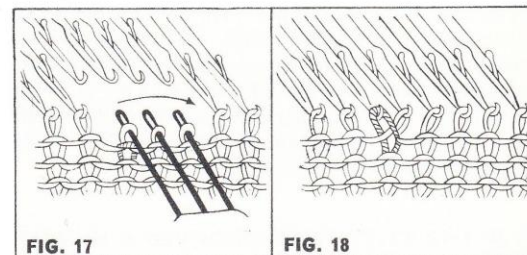


FIG. 17

FIG. 18

INCREASING SEVERAL STITCHES IN THE ROW

The above method can be used working from the centre outwards; or you can transfer the knitting from the knitter to a knitting needle and then return the stitches. Before the knitting is transferred back from the knitting needles to the knitter; determine the number of stitches to be increased and space the replaced stitches so that there will be an equal number of stitches transferred between each extra needle (leaving empty needles where extra stitches are required).

Raise the neighbouring lower half stitches to the empty needles. (As in Fig. 18).

TRANSFERRING TO HAND KNITTING NEEDLES:

1. Slide a hand knitting needle into the first stitch from behind the knitting. With your left hand hold the knitting close to the knitter. With your finger, bring the needle forward so that the stitch in the hook of the needle slides onto the stem of the needle, behind the latch.
2. Push the needle all the way back so that the stitch slips all over the closed hook of the needle onto the knitting needle.
3. Slide the knitting needle into the next stitch and repeat until all the stitches are off the needles on the needle bed.

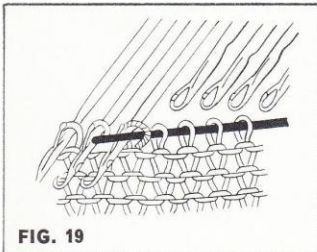


FIG. 19

TRANSFERRING OFF THE HAND KNITTING NEEDLE ONTO THE KNITTER:
A. USING THE TRANSFER TOOL

1. Open the needle latches.
2. Hold the fabric in your left hand with the desired side facing you, the hand knitting needle being in line with the needles.
3. Pass the transfer tool through the stitch on the knitting needle from the front. (See Fig. 20).

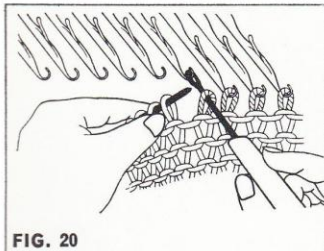


FIG. 20

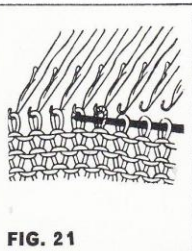


FIG. 21

4. Transfer the stitch from the transfer tool onto the hook of machine needles. Push the needles with the transferred stitches back as far as they will go.

B. ALTERNATE METHOD

1. Bring the needles forward to Position 'D', and open the latches.
2. Begin from the left side.
3. Transfer the stitches from the hand knitting needle onto the open hooks of the machine needles. (See Fig. 21).

DECREASING STITCHES ONE STITCH AT EITHER EDGE.

A. SIMPLE METHOD.

Using the single transfer tool, transfer the end stitch onto the second needle (See Fig. 22) and push empty needle back to Position 'A'.

B. FULLY FASHIONED DECREASING.

With the single needle transfer tool, transfer the end stitch to the second needle and the 2nd stitch to the 3rd needle; together. Push the empty needle out of action.

DECREASING ONE STITCH IN THE CENTRE OF ROW

1. Use the single transfer tool and transfer a centre stitch to adjacent needle (Fig. 23).
2. Using the 3 needle transfer tool, shift all stitches in until all needles 'in action' have stitches on them, and place the outer empty needles out of action (Fig. 24).

DECREASING SEVERAL STITCHES IN A ROW

1. Transfer the knitting to a hand knitting needle (See Fig. 19).
2. Before returning the knitting from the knitting needle back to the knitter, calculate the proportional reduction in the number of stitches. For example, to decrease one stitch in every three; hang the 2nd and 3rd stitches both onto one needle (See Fig. 25).
3. The number of needles with double stitches represents the number of stitches decreased.

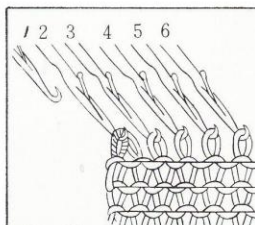


FIG. 22

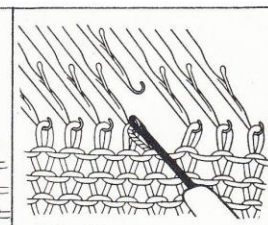


FIG. 23

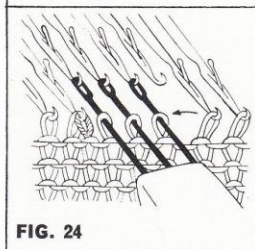


FIG. 24

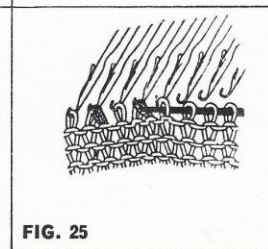
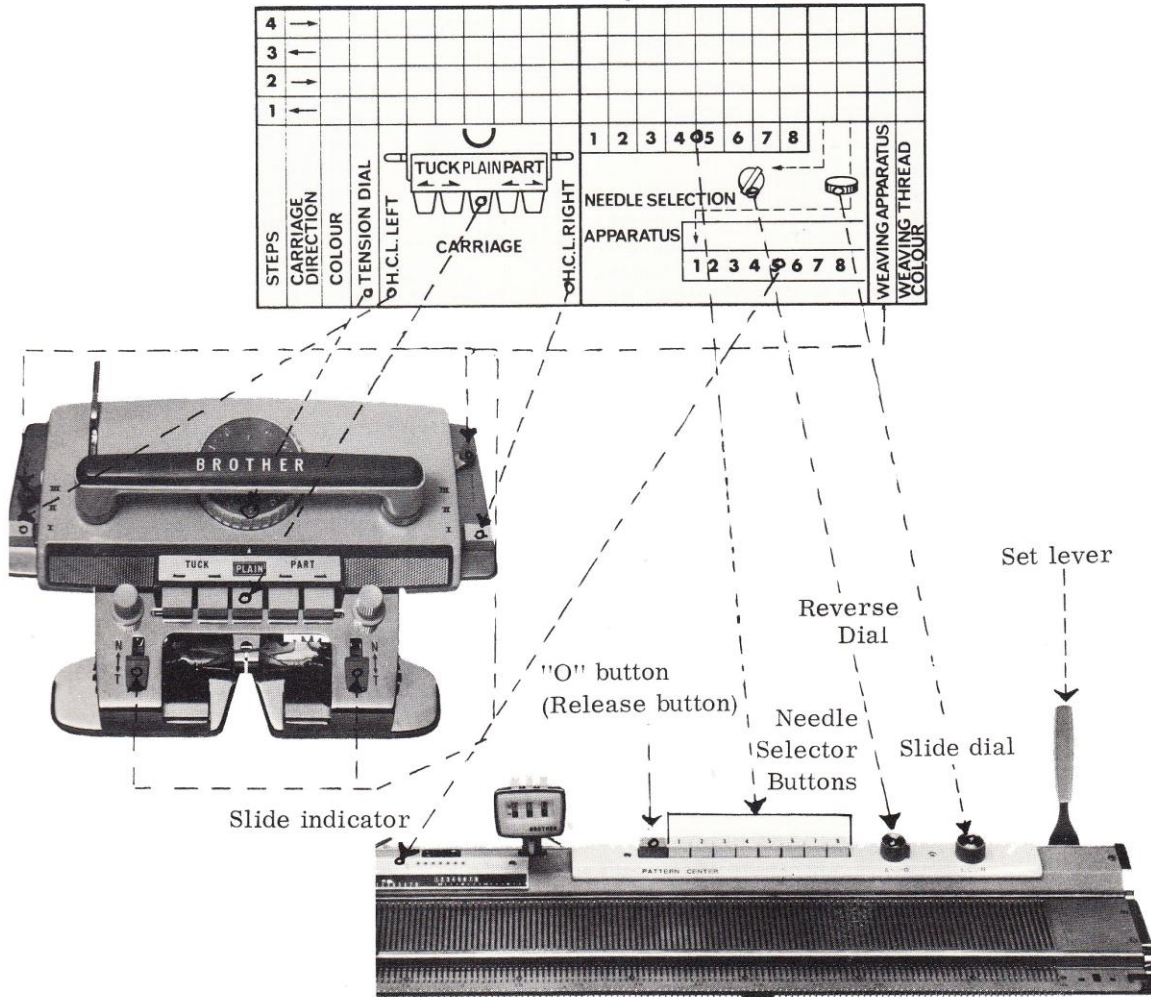


FIG. 25

PREVIOUS PAGE (46) HAS BEEN OMITTED AS IT WAS A FULL PAGE ADVERT FOR BROTHER SEWING MACHINES

2nd LESSON

**EXPLANATION OF THE PATTERN CHART
(FOR KH-580)**



The pattern chart is read from the bottom upwards, and each step (in effect a row) should be followed from left to right.

STEPS—The required operation for each step or movement of the carriage is shown in the horizontal column of the step.

CARRIAGE DIRECTION: Move the carriage according to the direction of the arrow. Before step 1 the carriage should be on the right.

COLOUR: This shows the colour of yarn in the yarn feeder.

'A': Main colour

'B' or 'C': 2nd or 3rd colours.

The figure '0' means that the carriage must be moved across without knitting (PART).

TENSION DIAL: The number shown here is the tension on the carriage dial, that this pattern was knitted in. The tension differs for each type of wool, and therefore this number can only be used as a guide. A test piece in the wool you are using will have to be knitted, and if need be, the tension altered.

H.C.L. LEFT: The position for this lever on the carriage is shown in the relative square for each step. The two dashes (") denote that the setting remains the same as that for the previous step.

CARRIAGE: These are the 5 buttons on the carriage. If a square is blacked in, it means that this button must be depressed. The two dashes (") indicate that the setting remains as for the previous step.

H.C.L. RIGHT: The same as H.C.L. left.

NEEDLE SELECTION APPARATUS: The numbers 1 to 8 denote the needle selector buttons on the upper bed. If the square is blacked in it means that that button must be depressed, AND THE SET LEVER MUST BE SET FORWARD: for that row.

REVERSE DIAL: There are two positions for this dial. A. After moving the set lever, the needles that will come forward are those relating to the buttons that are down (depressed).

B. When the dial is on B the needles coming forward will be those relating to the buttons that are up (i.e. NOT depressed).

REMEMBER: If you wish to return needles to non-working position 'A' on the needle bed; then this dial must be on 'A' AND ALL THE BUTTONS MUST BE UP.

SLIDE DIAL: This dial moves the positions of the needle selector buttons to the adjacent needles. The relative position of button 1 is shown by the arrow on the slide indicator window of the machine.

By moving the slide dial you can move the arrow to whatever number is indicated in this column for the step you are doing.

Always check the position of the slide dial before bringing the needles forward.

WEAVING APPARATUS: There are two figures in this column.

N: Both weaving levers and both weaving buttons are out of action.

T: The weaving levers and buttons must be brought to 'T' position, and must remain in this position throughout the pattern.

WEAVING THREAD COLOUR: The colour of the thread used for weaving. A denotes the main colour and if more colours are used, then B or C will appear.

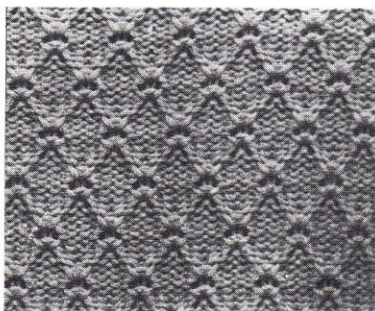
REMEMBER: Always check right through each step before moving the carriage across the needles. When reaching the end of a pattern continue again from Step 1.

EXAMPLE OF A SIMPLE DIAMOND STITCH PATTERN IN ONE COLOUR

1. Carriage on the right. Both H.C.L.'s on Position III.
2. Thread yarn and set Tension Dial to 5.
3. Reverse dial on 'A', and Slide dial on No. 1.
4. Press needle selector buttons 1 and 5 and set the Set Lever as far forward as it will go.

STEPS	CARRIAGE DIRECTION	COLOUR	TENSION DIAL	H.C.L. LEFT	CARRIAGE	H.C.L. RIGHT	NEEDLE SELECTION APPARATUS	WEAVING APPARATUS
12	→	"	"	"	"	"	"	"
11	←	"	"	I	"	"	"	"
10	→	"	"	"	"	"	"	"
9	←	"	"	"	"	"	"	"
8	→	"	"	"	"	"	"	"
7	←	"	"	III	"	"	■	■
6	→	"	"	"	"	"	"	"
5	←	"	"	I	"	"	"	"
4	→	"	"	"	"	"	"	"
3	←	"	"	"	"	"	"	"
2	→	"	"	"	"	"	"	"
1	←	A	5	III	■	III	■	■

Diagram illustrating the carriage settings and needle selection apparatus for the diamond stitch pattern. The diagram shows the carriage with the TUCK PLAIN PART and CARRIAGE buttons. The Needle Selection Apparatus is shown with buttons 1 through 8. The Weaving Apparatus is shown with buttons 1 through 8.



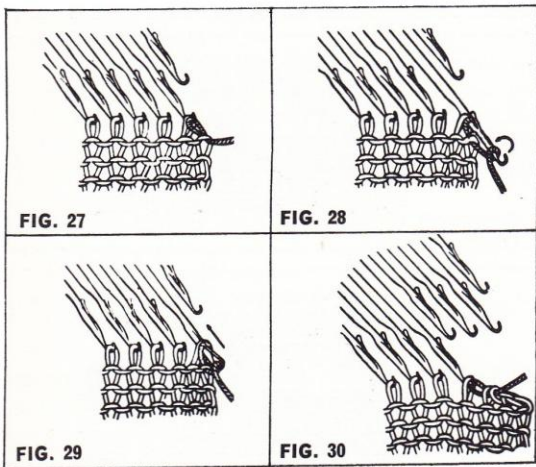
5. Knit 4 rows (steps 1, 2, 3 and 4).
6. Raise left H.C.L. to Position 1.
7. Knit 2 rows.
8. Return left H.C.L. to Position III; and turn Slide dial to No. 3 (N.B. Do not release buttons).
9. Knit 4 rows.
10. Raise left H.C.L. to Position I.
11. Knit 2 rows.
12. Continue from Step 1. (Remember to return Slide dial to I, and to Lower left H.C.L. to III.)

At this stage you should practice a few more basic patterns which can be found at the beginning of the pattern section of this book.

3rd LESSON

TO BIND OFF (CAST OFF) THE STITCHES :

- A. 1. On the same side as the carriage, transfer the end stitch to the 2nd needle (Fig. 27).
2. Bring forward the needle with the two stitches so that the stitches fall behind the needle latch (Fig. 28).
3. Place the yarn in the needle hook, in front of the latch and push the needle back manually to form a single stitch (Fig. 29).
4. Repeat this process for each stitch. Take care not to make the stitches too tight.



After practicing this, you may find it easier to transfer the stitch you have formed by hand; without using the transfer tool.

This method can be used for binding off any number of stitches at neck, armhole, shoulder or pocket edges.

- B. 1. Knit the last row on a much looser tension than the rest of the garment.
2. Start on the side opposite the carriage.
3. Hold the latch tool upright, so latch remains open.
4. Insert the latch hook into the first 2 stitches, and remove them from the needles. Let the first stitch slide past the latch.
5. Pull the second stitch through the first—this leaves one loop in the hook of your latch tool. Continue to bind off one stitch at a time, and seal the last stitch with a slip knot. (See Figs. 31 and 32).

No mention is made in these instructions of decreasing at the centre of the neck or of shaping at the armholes. Whilst following the steps below, the decreasing and shaping must be carried out according to the instruc-

tions in the knitting pattern, or according to the measurements of the garment.

Remember to put all empty needles back to Position 'A' after transferring and before continuing to knit.

SHAPING A 'V' NECK:

Knit the fabric to the row where the 'V' neck commences. The examples are written to start with the carriage on the right side of the bed. If the carriage is on the left, then read 'Left' for 'Right' and vice versa in the text.

1. Place both H.C.L.'s on the centre Position. II.
2. Bring forward to Position 'E' all the needles on the left side of the centre '0'. These needles will not knit, and will remain stationary until the right side is completed.
3. Transfer the first needle on the right of '0' to the adjacent needle on the right in Position 'B'. Return the empty needle to Position 'A'.
4. Knit two rows.
5. Continue decreasing one stitch every two rows until you have the required number of stitches left for the shoulder. Bind off these stitches, and break the yarn.
6. Raise the H.C.L.'s to Position I to return the left side needles to working position 'B', and knit this side identical to the other.

N.B. If you are knitting a pattern using the H.C.L.'s, then after bringing the needles (for the pattern) forward with the Set Lever—they have to be returned by hand. To do this just push the needle back to Position 'C', and it will knit together with the other needles in Position 'B'.

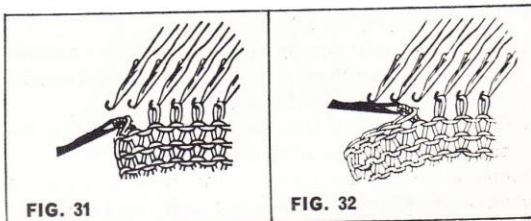
'V' NECK SHAPING WITH 'RAGLAN' EDGE:

To knit a raglan edge you have to decrease stitches at the centre and at the edge until you have only one stitch remaining on the knitter. This stitch is then sealed with a slip knot and the yarn is broken off.

SHAPING A ROUND NECK:

Instructions are given for the carriage on the right side of the needle bed.

1. Place the H.C.L.'s on Position II.
2. Bring forward to Position 'E' all the needles on the left side of the centre '0'.
3. The decreasing of the stitches is done by bringing



forward to Position 'E', the needles you wish to decrease. Start with the needles in Position 'B' on the right of 'O', and knit two rows each time you bring needles forward.

4. Decrease in this manner until you have the required number of stitches left in Pos. 'B' for the shoulder.
5. Bind off these stitches and break the yarn.
6. Return the needles on the left back to Position B. and repeat as above, from 3 to 5. Remember to leave the same amount of needles for the shoulder. Bind off these stitches.
7. Place the end stitches of the round neck onto the knitter.
8. Place the carriage on the left and thread the yarn feeder. H.C.L's on Position I.

KNITTING THE HEM:

9. Knit the first half of the hem (approx. 5 rows) on a normal tension for that yarn.
10. Knit one row on a tension 3 numbers higher. This will ensure that the fold will be flat.
11. Knit the other half of the hem on the same tension as used in No. 9. (N.B. It must be the same amount of rows as the first half).
12. Using the transfer tool, raise the stitches from the end of the round neck onto the needles. Take care to raise each stitch onto the corresponding needle to obtain a perfect round effect.
13. When all the stitches have been raised, bind off the double stitches in the normal way. N.B. Seal the stitches by hand very loosely, to allow for the neck to fall back into place after removing the knitting from the machine.

MAKING A HORIZONTAL BUTTONHOLE:

1. Determine the position of the buttonhole.
 2. Purl the stitch adjacent to where you want the buttonhole to start (Fig. 33).
 3. Catch the purled half stitch, and bring it forward on to the latchet hook: with this as your first stitch, crochet through the next 4 stitches, thus casting off. (Fig. 34 & 35).
 4. Transfer the stitch off the latchet hook on to the next adjacent needle. (See Fig. 35).
 5. Knit one row. H.C.L's both on Position 1.
 6. Over the 4 needles there will be a thread caught which is not knitted in (Fig. 36).
 7. This thread must now be wound around the 4 needles individually, as well as on to each adjacent end needle. Do not wind too tight. (See Fig. 37.)
 8. Raise the needles with the wound loops and the adjacent needles on either side to Position 'E'.
- Continue knitting according to the pattern up to the position of the next buttonhole and start from 1 again.

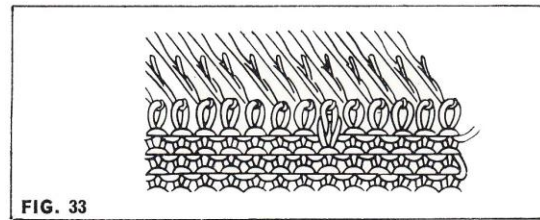


FIG. 33

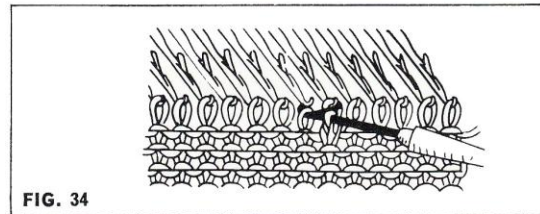


FIG. 34

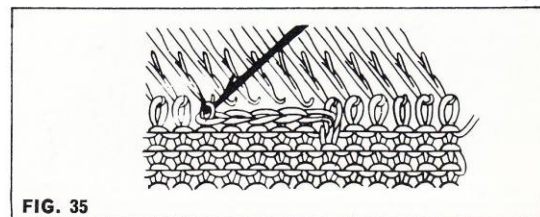


FIG. 35

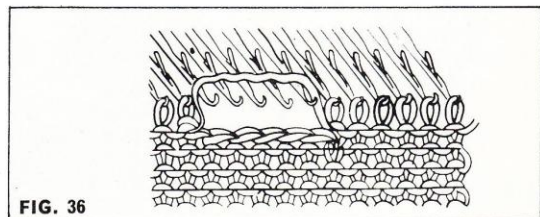


FIG. 36

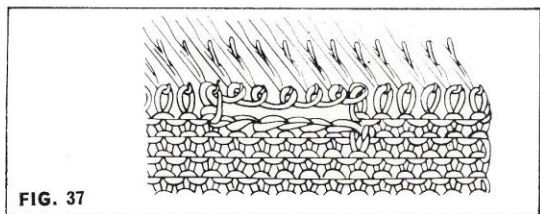


FIG. 37

MAKING A VERTICAL BUTTONHOLE:

Knit up to the row where the buttonhole starts. If the carriage is on the right side of the needle bed, knit the right side of the buttonhole first.

1. Set both H.C.L's to Position III.
2. Determine where the buttonhole is to be and bring forward to Position 'E' all the needles on the left of the buttonhole.
3. Knit 6 rows. (If a larger buttonhole is desired, knit as many rows as is necessary.)
4. Break the yarn; take the carriage off the needle bed and replace it on the other side.

5. Return the needles that were in Position 'E' to Position 'C' (using the plastic picker carriage), and bring forward the needles on the right to Position 'E'.
6. Knit the left side of the buttonhole, the same number of rows as for the right side.

After you have completed the same number of rows raise the H.C.L.'s to Position I and continue to knit. Instructions are given for the carriage on the right side of the bed.

HOW TO KNIT A POCKET:

1. Determine the position of the pocket, and bring forward to Position 'E' all the needles on the left of the pocket.
2. Lower both H.C.L.'s to Position II (centered).
3. Knit one row and bring forward to Position 'E' all the needles on the right of the pocket.
4. Knit one row again.
5. The carriage is now on the right and you can knit the amount of rows required for the pocket. Move the carriage across slowly with one hand and put the other hand behind the fabric and pull the knitting down slightly. Finish the complete pocket with the carriage on the right.
6. Push the needles on the left back to Position 'C' (using the picker carriage) taking care not to let the stitches fall over the latches.
7. Knit one row, and raise the right side H.C.L. to Position I.
8. Continue knitting the garment.

The pocket can now be pulled through to the side of the fabric facing you. To complete the pocket sew up (or weave) the stitches at the sides.

SHORT ROW DESIGNING

This method of shaping has endless possibilities and is used most frequently for:

Turning the heel of socks; pockets; horizontal darts; circular piece-yokes, skirts and zig-zag designs.

Set both H.C.L.'s to Position III, then put one or more needles in Position 'E', so that these needles stop knitting and hold the stitches for further use.

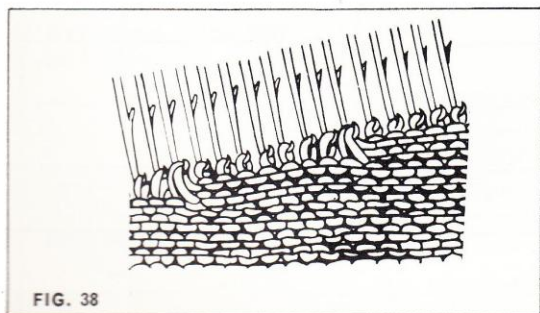


FIG. 38

TWO COLOUR DIAGONAL KNIT (USING SHORT ROW METHOD)

1. Start with the carriage at the right and both H.C.L.'s on Position III.
2. Raise two needles on the left to Position 'E'.
3. Knit one row to left and pass the yarn under the stem of the needle in Position 'E' on the right. Knit one row to the right.
4. Continue raising two needles and knitting 2 rows as above, until all needles are in Position 'E'.
5. Change the yarn; remove carriage from the right side and place on the left side of knitter. Starting at the left push into Position 'C', two needles at a time, and knit one row to the left and one to the right. (Reversing the previous process until all needles are back in knitting position.)

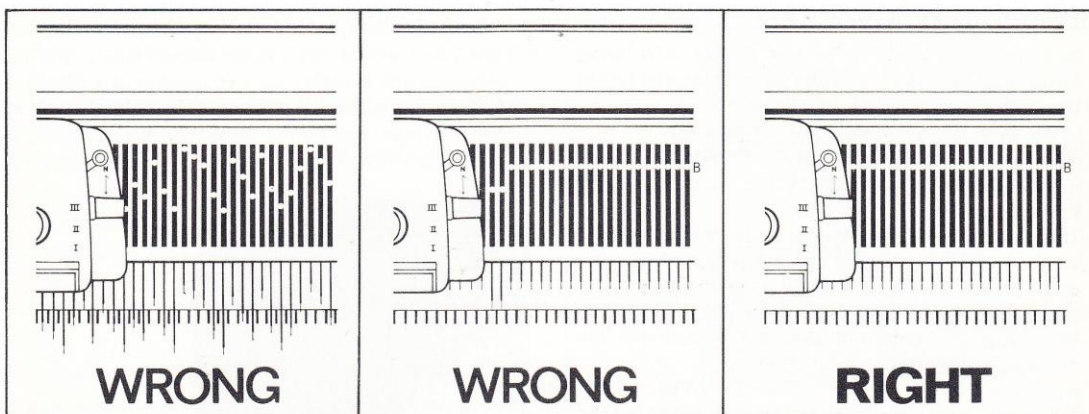


FIG. 39

SELF SERVICE & MAINTENANCE

It is advisable to remember the following points which will help to keep your machine in good working condition.

1. NEVER move the carriage across the needle bed, unless the needles are in a straight line in one of the five positions. If a needle on the edge of the knitting is pulled forward then push it back (to Position 'B') before moving the carriage across.



2. Remember, this is a home knitting machine and must be treated with care. Do not force the carriage across the needles. If it should jam, remove the sinker plate unit (as explained in the Instruction manual) and start the row again.
3. Use only original Brother Lubriplate to oil your machine. This Lubriplate contains lanolin which will not stain your wool. Oil the machine as explained in your Instruction Manual.
4. Refer to your local Brother Knitting Centre for any knitting or machine queries.

FAULT FINDING GUIDE:

In nine cases out of ten, if a fault occurs it is due to the wool not feeding properly. Make it a habit to check first the path of the wool from the ball to the carriage, and ensure that there is nothing stopping the free flow of the wool.

Check the tension of the yarn guide on the Yarn Tension Unit. If it is too tight for the thickness of wool you are using, then turn the dial to loosen it. For thicker wools such as Double-Knit, keep it on the loosest tension possible.

NOTES

FAULT	CAUSE	REMEDY
CARRIAGE JAMS	Wool not feeding in correctly	Check the path of the wool from the ball through the yarn tension unit
	Needles bent or needle latches bent	Replace bent needles—refer to Instruction manual
	Needle butts were not all in one of the 5 positions	Take carriage back to the side and unravel row. Re-set needles
	Knot in wool caught in yarn feeder	Ease knot through yarn feeder using transfer tool
	Insufficient lubrication	Oil sides of cams and nylon runners beneath carriage
	Poor quality wool	Use better quality, or wax the wool when winding
WOOL BREAKING OR SPLITTING	Knots in wool becoming untied	Use reef knot, or weavers knot
	Tension too small	Set larger tension.
UNEVEN KNITTING	Wool not feeding in properly	Check path of wool and check if ball is not wound too tight
	Wool uneven or knotted	Check wool quality
TIGHT STITCHES NEAR THE EDGE	Taking carriage too far away from edge of knitting	Stop carriage movement immediately after hearing 'click' at end of row.
STITCHES DROPPED (a) at side	Taking carriage too far	See above
	Tension too tight	Set correct tension for yarn used
	Faulty needle	Replace needle
(b) in centre	Latch brushes worn	Replace brushes

TENSIONS AND MEASUREMENTS

HOW TO MEASURE THE TENSION FOR YOUR GARMENT:

The tension dial on the carriage controls the size of the stitch; in the same way that different numbered hand knitting needles determine the size of a garment. The tension you use (also called the gauge) is the number of stitches and rows per inch; on the specific yarn that you are using. The size of the stitch **MUST** be determined before starting to knit a garment, and the usual method of doing this is to knit a test swatch with the yarn you are going to knit.

Knit the swatch over 40 needles, and knit approximately 40 rows in each of three or four different tensions. Separate the different tensions by knitting 2 rows of a contrast colour every time you change the tension. Take the swatch off the machine, and leave it to rest for 4 or 5 hours; as the knitting is slightly stretched on the machine. Now, taking a piece of cardboard with a 1" square hole in it, measure the amount of stitches, and the amount of rows, over 1 inch—in the centre of the knitted swatch. (See Fig. 40).

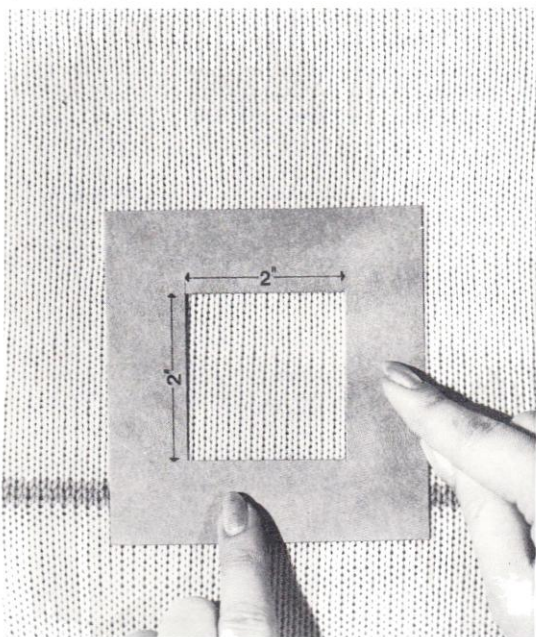


FIG. 40

After counting the stitches and rows on the test swatch the tension dial on the carriage can be set at the number corresponding to the required stitch size. This number must not be varied during the knitting of the garment, except for doing the rib, or hem etc.

If you are designing and knitting the garment yourself, without following a pattern—it is advisable to recheck the counting of the stitches and the rows, after ironing the test piece. A mistake in the measurements of $\frac{1}{4}$ a stitch in one inch may not seem much—but round a 26 inch

waist this would amount to a mistake of 13 stitches, which could be two or more inches. For this reason it is more accurate to measure over 4 or 5 inches, and then divide by 4 or 5, to get an exact (per inch) measurement.

HOW TO TAKE MEASUREMENTS:

1. HIPS

Measure round the widest part.

2. WAIST

Measure natural waistline.

3. BUST OR CHEST

Measure round widest part of bust. (For outside figures, divide this measurement in half—and subtract 2" from measurement for back, and add 2" to the measurement for front.

4. BACK, LENGTH OF

Measure from nape of neck to required length.

5. SIDE, LENGTH OF

Measure from waist to underarm, or place where armhole shaping should begin.

6. LONG SLEEVE

Measure from wrist to top edge of arm.

7. SLEEVE SHAPING DEPTH OF

Pass one end of tape measure around arm under armpit. With the arm hanging down, measure from top of arm to top edge of tape (average 2" to 6" according to depth of armhole).

8. SLEEVE, WIDTH AT WIDEST PART

Measure round arm at armpit level.

9. WRIST

Measure round wrist.

10. SHORT SLEEVE

Measure from shoulder to required length.

11. SKIRT LENGTH

Measure from waist to hem at centre of back. Allow for width of waistband.

12. HIP SHAPING ON SKIRTS

Measure along side from waist to widest part of hip. Decreasing usually begins 5" to 7" below waist.

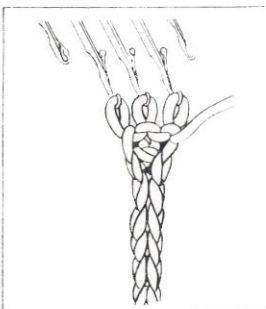
ADDITIONAL KNITTING HINTS

HOW TO KNIT A CORD

Cast on over 4, 5 or 6 needles. Both H.C.L.'s on 1. Press in one PART button (either right or left), and move the carriage back and forth across the needles.

In actual working the effect will be to knit over the needles in one direction, and to draw a length of yarn from one side to the other, on the return movement.

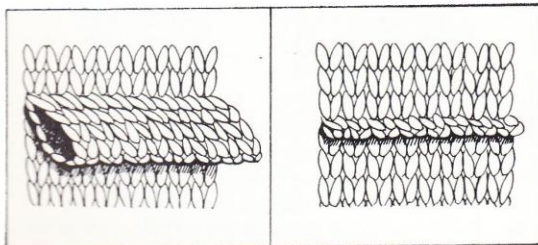
An unusual colour effect may be obtained by filling the centre with a contrast colour yarn.



HORIZONTAL TUCK

A tuck (also called a pleat) is a gather in a fabric. Vertical tucks can be sewn in after the fabric is knitted; horizontal tucks can be knitted into the fabric.

1. Knit the fabric until the position where the tuck is to be formed; and then knit a thin contrasting colour into the row, together with the yarn of the fabric. An alternate and easier method is to weave in the contrasting colour yarn, on every alternate needle setting, for that row.
2. Knit the number of rows required for the tuck.
3. Raise the stitches from the first row of the tuck onto the needles on the needle bed, (the contrast colour thread will show clearly the stitches of that row). Bring forward the needles with the double stitches, to Position E.
4. Continue the knitting for a few rows, and then pull out the contrast colour thread.



AUTOMATIC SEALED EDGE CAST-ON

For 4-button machine

Use normal tension. Press in both PART buttons on carriage.

1. Press buttons 1 and 3, and set lever.
2. Knit one row.
3. Release 1 and 3, press 2 and 4 and set lever.
4. Knit one row.
5. Release 2 and 4—and repeat from step 1 to 4.
6. Press centre carriage button PLAIN, and knit one row slowly. Continue knitting.

For 8-button machine

Use normal tension. Press in both PART buttons on carriage. Reverse dial on A.

1. Press buttons 1, 3, 5 and 7, and set the lever.
2. Knit one row.
3. Turn Reverse Dial to B, and set lever.
4. Knit one row.
5. Turn Reverse dial to A. Set the lever. Knit one row.
6. Turn Reverse Dial to B. Set the lever. Knit one row.
7. Press centre carriage button PLAIN, set both weaving buttons to T and knit one row slowly. Continue knitting.

EMBROIDERY ON KNITTING

Some excellent colour and design effects can be obtained by embroidering onto a knitted garment. The most frequently used stitch is the pattern that oversews, or simulates a stitch—sometimes called SWISS STITCH or SWISS DARNING.

With a length of yarn on a darning needle (supplied with your machine), the stitch is made by following the path of the stitch already knitted in the fabric. For a plain stitch the yarn is drawn through from the back of the fabric, brought to the front at the base of the stitch to be oversewn, passed into the back at the right hand top of the stitch, and brought to the front through the top left hand of the stitch. The needle is then taken to the back of the work through the top of the stitch, below the one being oversewn (i.e. where the start of the oversewing began).

Continue this for the area to be covered.

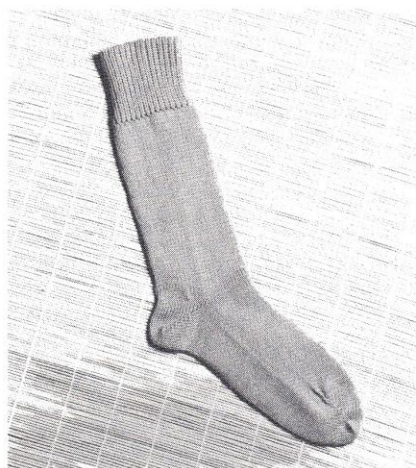
HOW TO KNIT A SOCK

MEASUREMENTS: 10" foot and 9" leg.

MATERIALS: Two to three ounces of 3-Ply wool for both socks.

TENSIONS: 2 .. for the Rib. 5 for Stockinette stitch.

PREPARATION: Bring into working position every alternate needle, over 66 needles, (i.e. 33 needles will be in action.) Row counter on 000. Carriage on the left. Set tension to 10 for first row only.



RIBBING: Use small cast-on comb. Knit the first row gently. Release comb and pull down lightly, but see that stitches remain in hooks. Re-set tension to 2.. Knit 39 rows. Bring forward to Position E, the needles that were previously out of action. (You should now have 66 needles in action). Now fold the knitting in half and raise the stitches from the comb onto the needles in Pos. E. Remove comb by tipping back, and slipping hooks out of stitches.

LEG: Re-set tension to 5 and knit 60 rows for leg. N.B. The end of the yarn from the first row can now be pulled to tighten the stiches where the rib joins the first row of knitting.

HEEL: Bring to Pos. E. 33 needles on the right side of the centre needle 0. (Carriage should be on the left). Lower both Holding Cam Levers to III. The stitches that are on the raised needles will not knit until the heel is turned. Set tension to 4 and work on the 33 needles on the left side.

Decrease one stitch on each side by bringing out the first needle (nearest the carriage) of every row to Pos. E. Continue knitting in this manner until there remain 11 stitches in working position, in the centre (of the left half of the knitting).

Now increase one stitch at the beginning of each row by pushing a needle back from Pos. E. to Pos. C., starting from the needles in Pos. E. adjacent to the 11 needles in Pos. B. N.B. Before returning a needle to Pos. C. bring the yarn below the stem of that needle, and above the rest, so as to prevent a hole from forming.

Work in this manner until all 33 needles are back in Pos. B. Re-set tension to 5. Raise both Holding Cam Levers to Pos. I. Knit once again all 66 needles. Knit 66 rows.

TOE: This is knitted in the same manner as the heel and on the same side. When finishing the edge of the toe, knit 4 rows in a different colour and iron them to enlarge the end stitches of the sock. Weave the stitches together

at the end of the sock. Knit the second sock in the same manner, but using the stitches on the right side of the machine.

GRAFTING

This is a hand method of sewing together two pieces of knitted fabric to give the appearance that the sewn stitches are knitted.

It is important to maintain the same tension in the sewn stitches as that of the knitted stitches.

PREPARING THE FABRIC

Method A: After knitting the row that has to be grafted; thread a different colour (waste) yarn into the carriage and knit 6 or 8 rows. Remove the fabric from the machine without binding off the stitches (open edge).

Iron the edge of the fabric lightly to enlarge the stitches of the row to be grafted.

Method B: Transfer the stitches of the row to be grafted onto a knitting needle or a transfer pin.

GRAFTING

Place the two pieces of fabric closely together, and thread the yarn for grafting onto a tapestry needle.

Follow the path of the needle as clearly shown in the illustration, starting from the wrong (purl) side of the knitting.

STOCKINETTE STITCHES

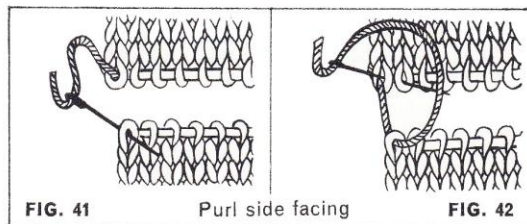


FIG. 41

Purl side facing

FIG. 42

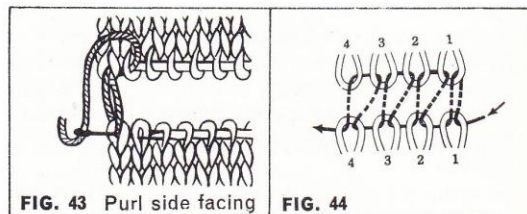


FIG. 43 Purl side facing

FIG. 44

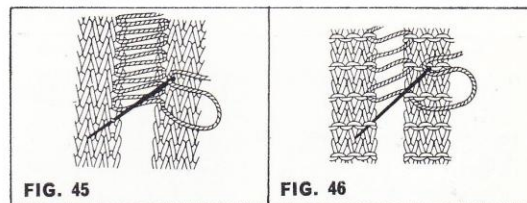


FIG. 45

FIG. 46

45. Grafting through loops on right side of fabric

46. Grafting through loops on left (or purl) side of fabric

FAIR-ISLE PATTERNS

FAIR-ISLE PATTERNS

The knitting of fair-isle patterns is divided up into two sections; those that are not wider than eight stitches, and can therefore be selected automatically with the pattern selector buttons, and those that have the pattern wider than eight stitches and the needles must therefore be selected by hand.

The setting of the carriage is the same for all fair-isle patterns:

1. Both H.C.L.'s on Position 1.
2. Both PART buttons (left and right) pressed in.

Instead of the normal pattern chart being used, there is a simple pattern stitch chart with symbols showing the different colours of the stitches. Where the chart is shown only over eight stitches, the needles can be set forward by pressing the relative buttons and setting the lever.

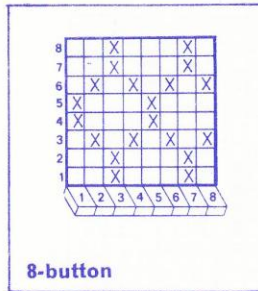
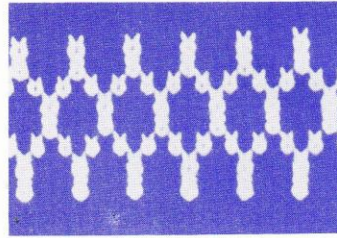
The blank squares indicate the colour of the background, and it must therefore be remembered after knitting two rows of certain stitches in one colour—the remaining stitches of the background must be knitted in the second colour. Where the pattern is over eight stitches—the needles representing the background (for two colour fair-isle patterns) can be selected by turning the reverse lever to 'B'.

N.B. Always start the knitting of a fair-isle pattern with the reverse lever on 'A', and the slide dial on No. 1.

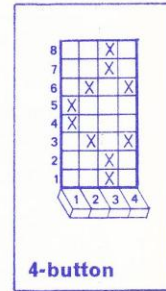
EXPLANATION OF FAIR-ISLE PATTERN CHART

N.B. EACH STEP (horizontal row) REPRESENTS TWO ROWS OF KNITTING, OR FOUR MOVEMENTS OF THE CARRIAGE. In this way the colours can always be changed at the one side of the machine.

1. Start with the carriage on the right. Thread colour B. (Pattern colour.)



8-button

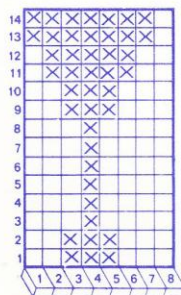


4-button

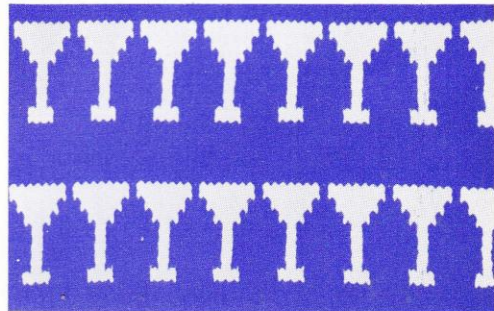
2. Press buttons 3 & 7—set the lever and knit one row. Set the lever again and knit the second row.
3. Change to colour A (background colour), turn the reverse dial to 'B'. Set the lever and knit one row, then set the lever again and knit another row.
4. This now completes the first step. Repeat as above for step two. Remember to return the reverse dial back to 'A', before commencing.
5. Continue knitting the pattern, changing the selection of the needle selector buttons, as is shown on the chart.

NOTE

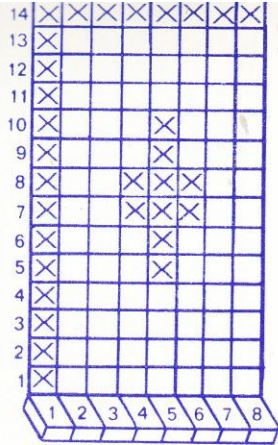
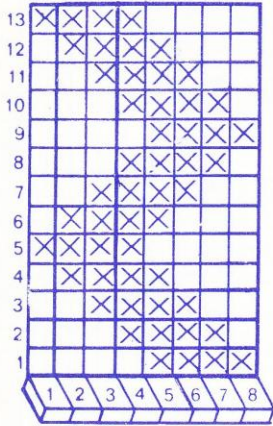
1. Each step (horizontal row) on the chart represents two complete movements of the carriage.



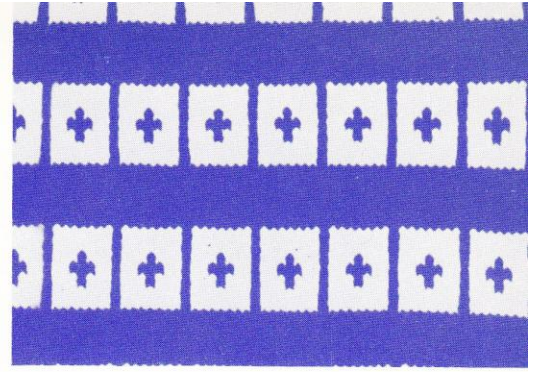
46



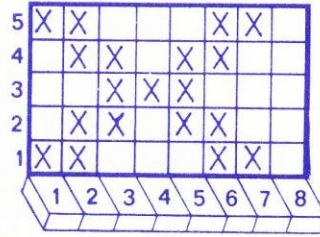
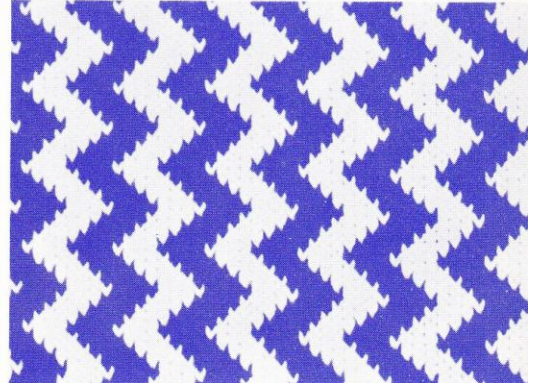
2. For two colour fair-isle: every four movements of the carriage are actually two rows of knitting.



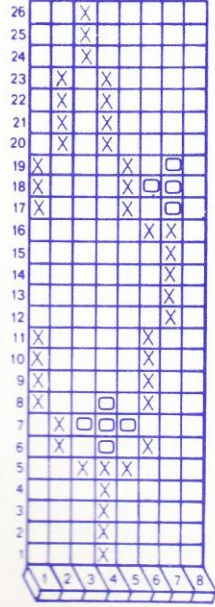
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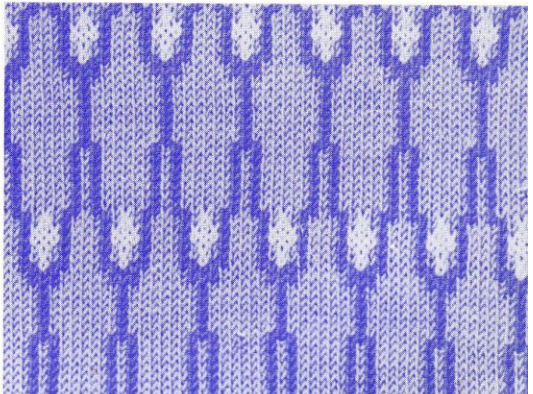
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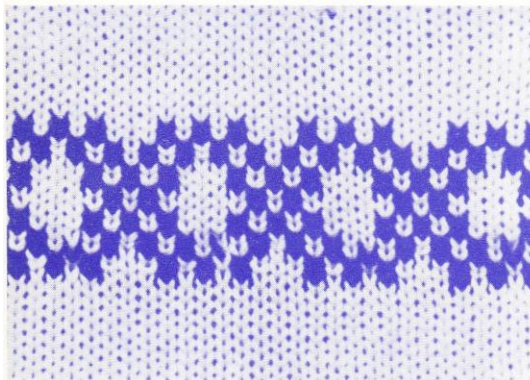
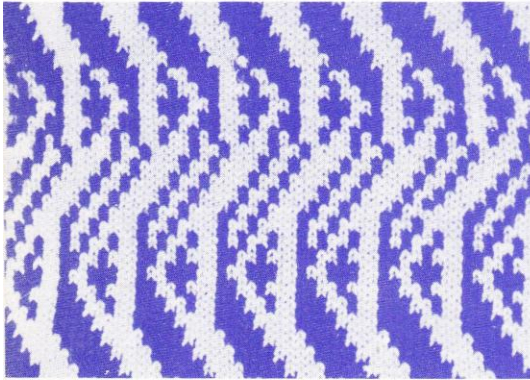
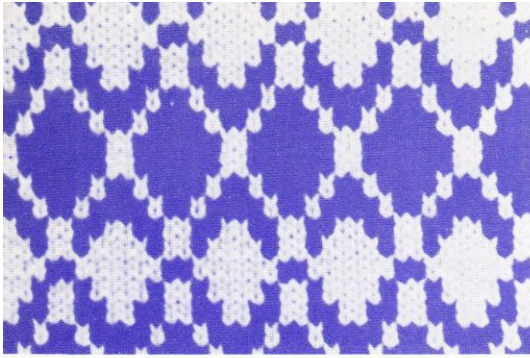


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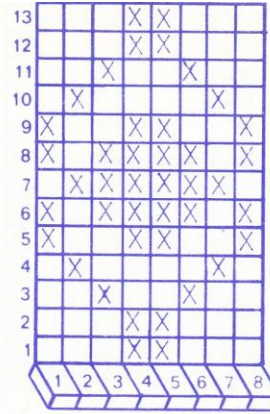


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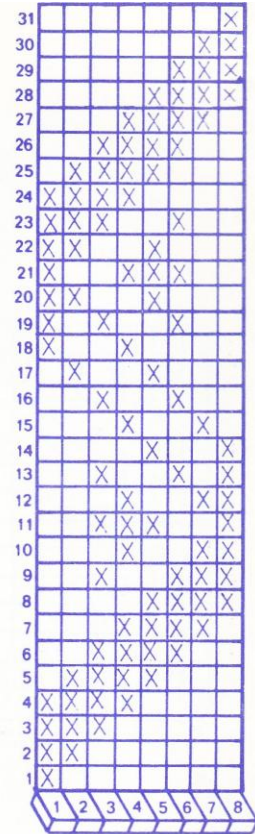




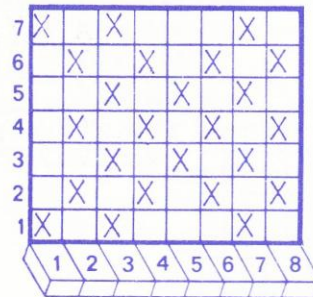
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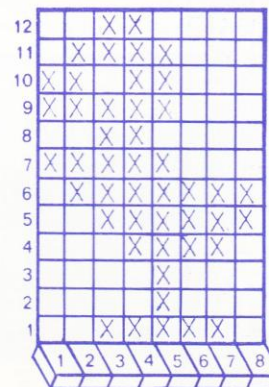
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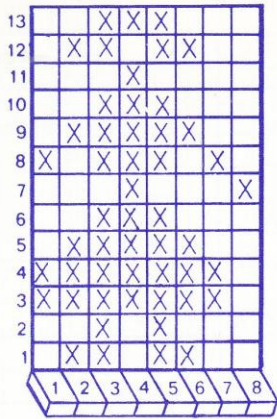
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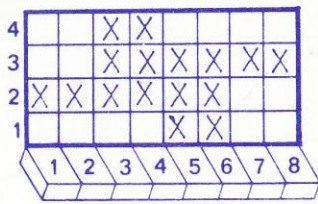
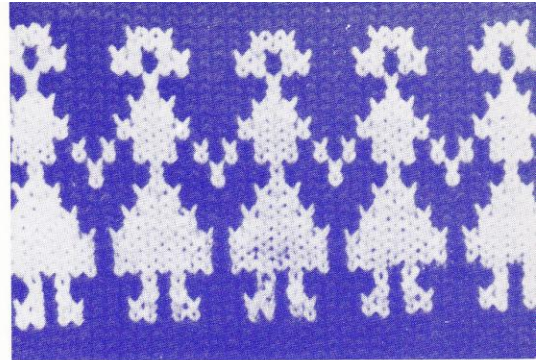
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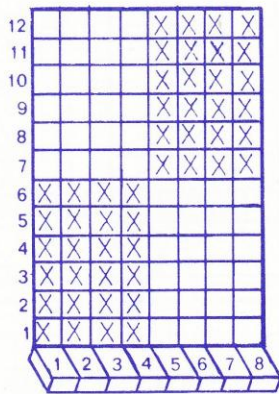
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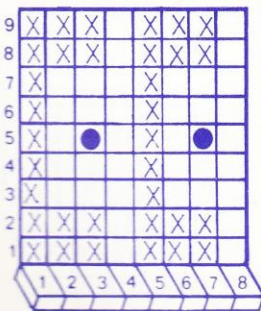
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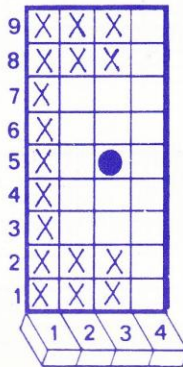
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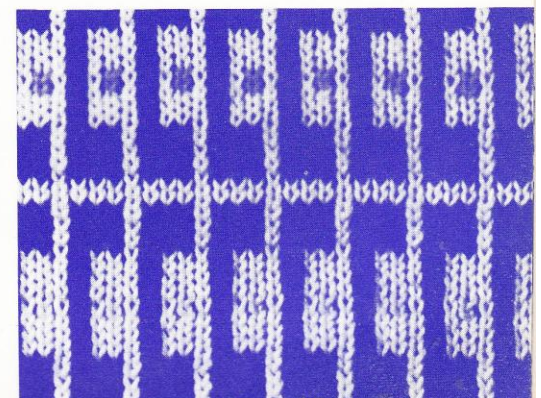
8-button



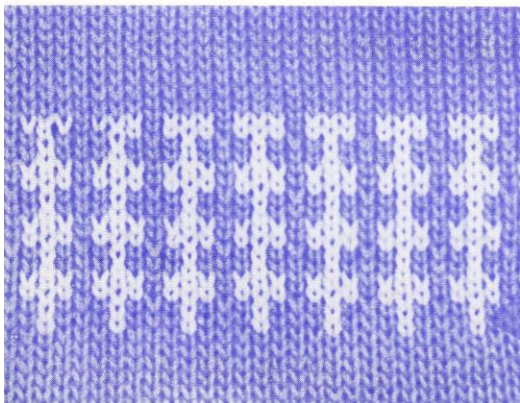
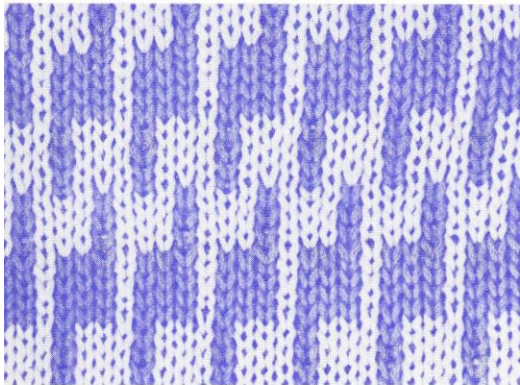
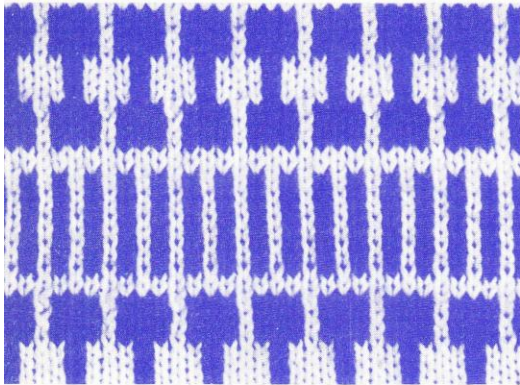
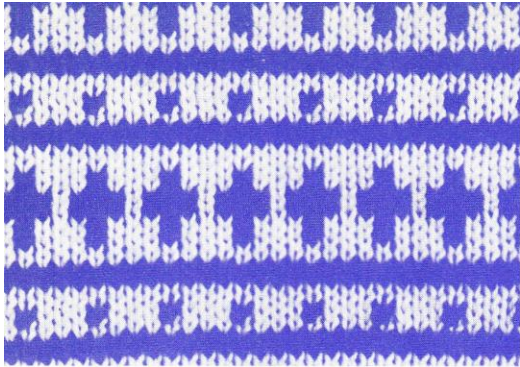
4-button



58



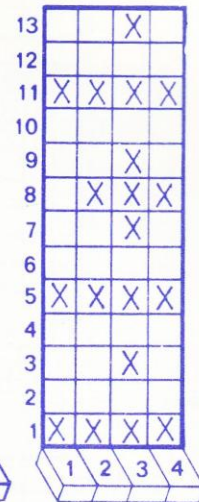
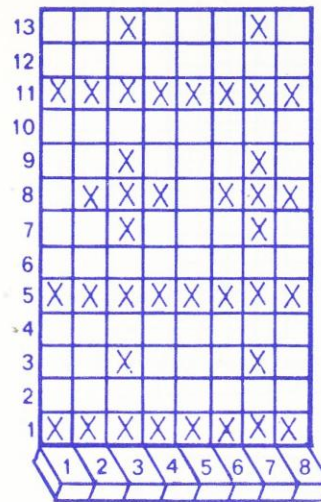
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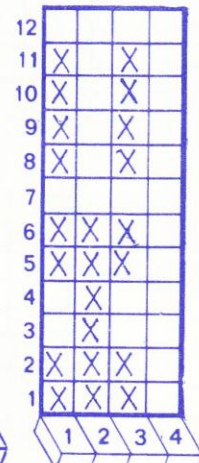
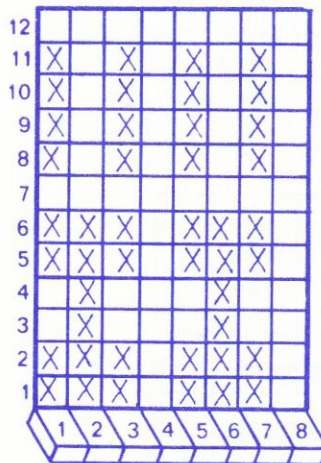
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8-button

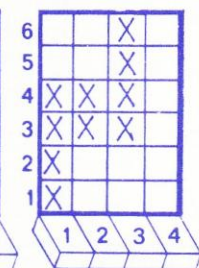
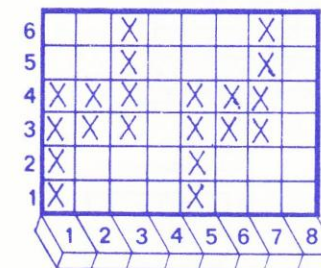
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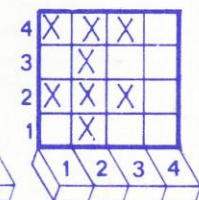
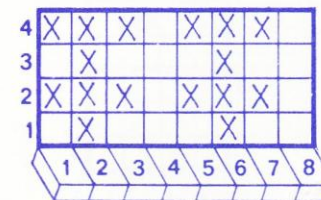
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61



62



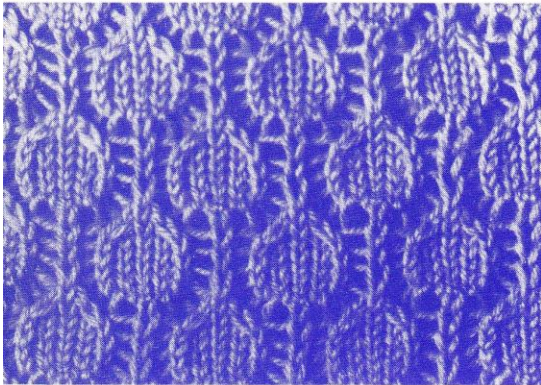
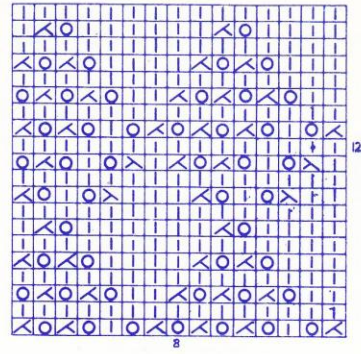
LACY PATTERN STITCH SYMBOLS

1. KNIT STITCH : Plain stitch (Right side of knitting).	2. PURL STITCH : Purl or wrong side of knitting. Facing the operator.	3. TWO STITCHES TOGETHER : Transfer stitch from right to left. (Right above).	4. TWO STITCHES TOGETHER : Transfer stitch from left to right. (Left above).	5. THREE STITCHES TOGETHER : Transfer stitch from left, and then from right, onto centre needle. (Centre above).
6. THREE STITCHES TOGETHER : Take off centre stitch. Transfer left stitch then right stitch onto empty needle. Return centre stitch onto same needle.	7. THREE STITCHES TOGETHER : Take off centre stitch. Transfer stitch from right to empty needle. Return stitch to same needle. Transfer stitch from left side onto same needle.	8. EMPTY STITCH : Hole formed after transferring stitch to right or left. Return empty needle to Position 'B'.	9. INCREASED STITCH TO RIGHT : Shift out stitches one needle to right. Pick up loop from right and place on empty needle.	10. INCREASED STITCH TO LEFT : Shift out stitches one needle to left. Pick up loop from left and place on empty needle.
11. RIGHT TRANSFER : Transfer stitch/s to the right.	12. LEFT TRANSFER : Transfer stitch/s to the left.	13. RIGHT OVERCROSSING : Cross the stitches with the right stitch over the left.	14. LEFT OVERCROSSING : Cross the stitches with the left stitch over the right.	15. DRAW STITCH : Knit 2 rows on looser tension with contrast colour. Pull needle back manually to Position 'A'. Continue knitting required rows at normal tension.

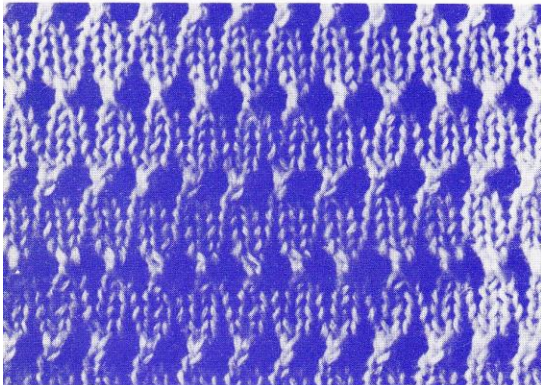
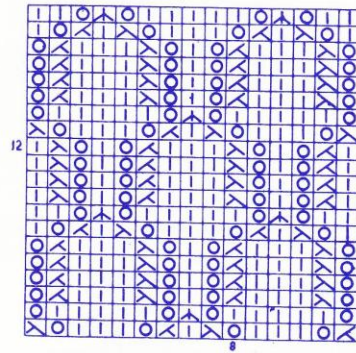
LACY STITCH PATTERNS



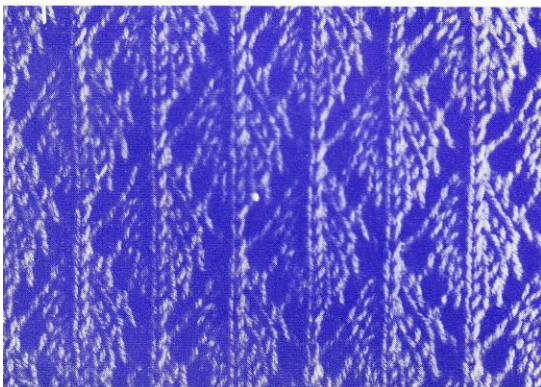
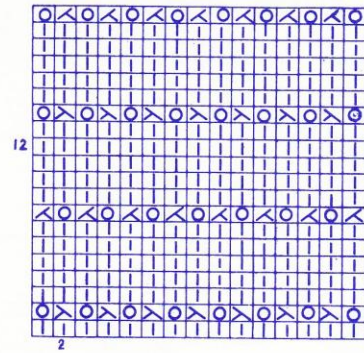
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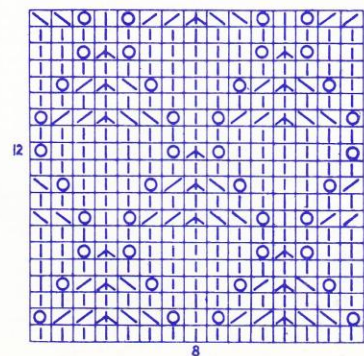
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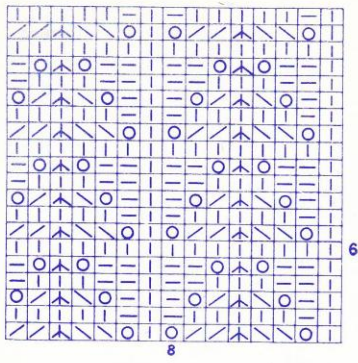


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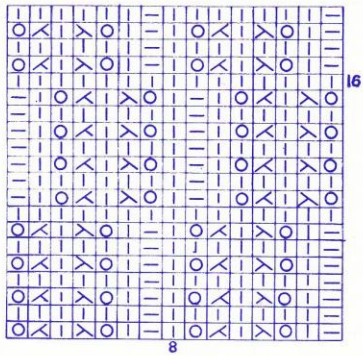
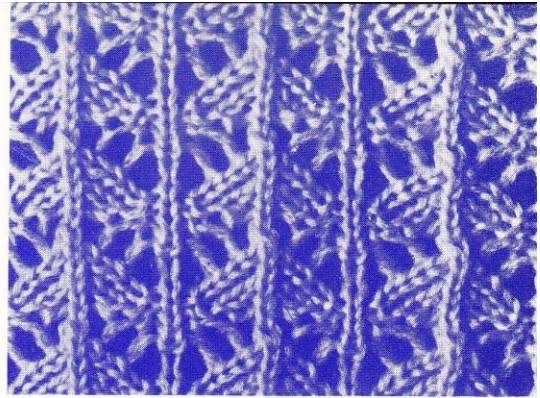


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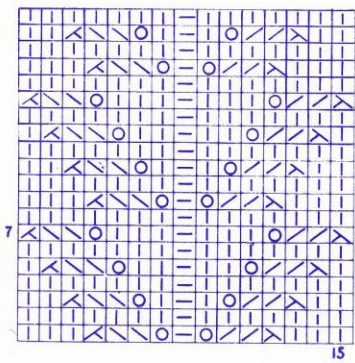
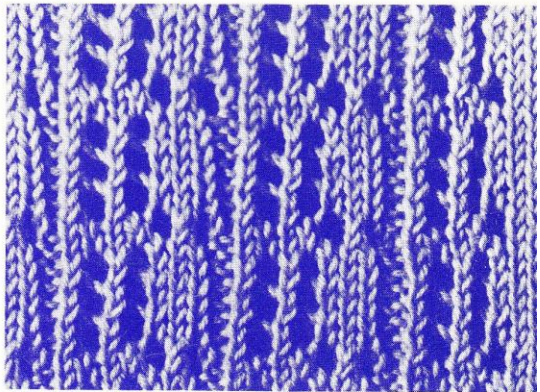




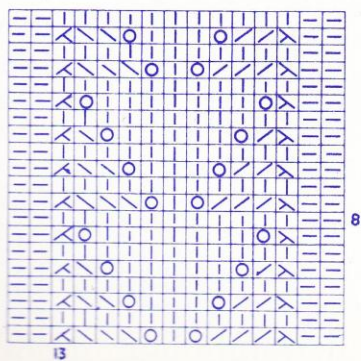
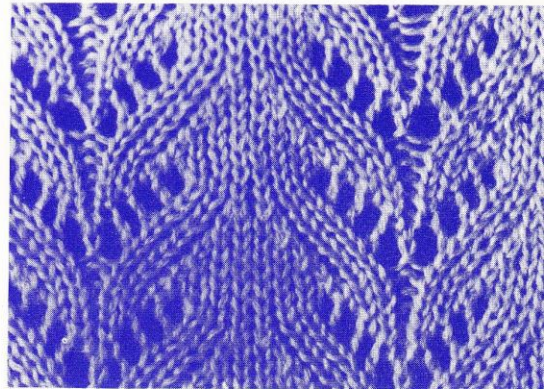
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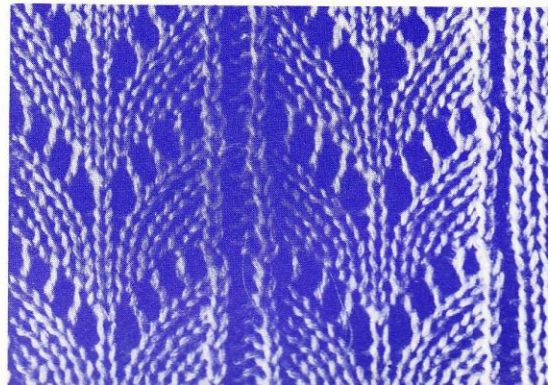
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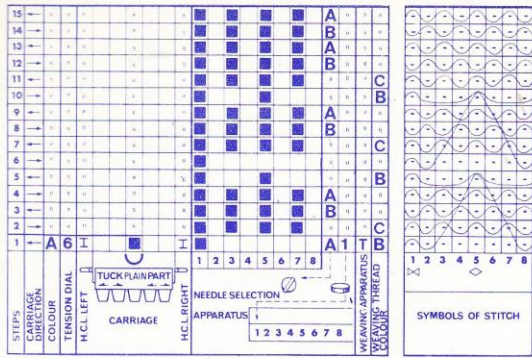
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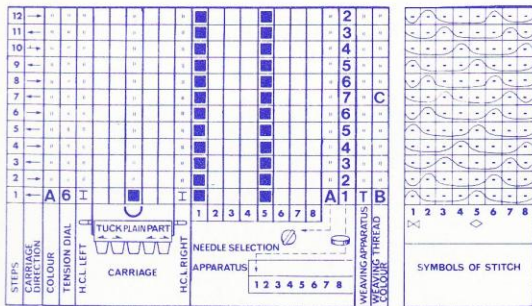
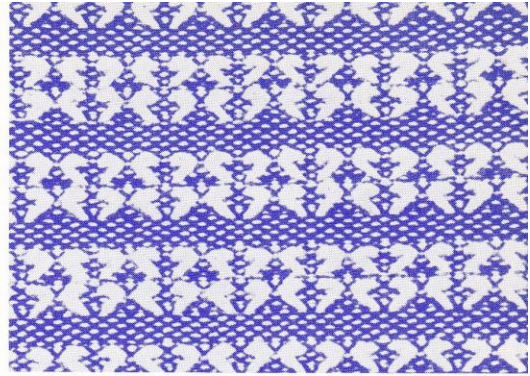
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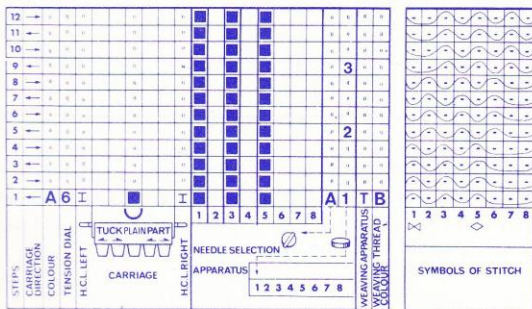
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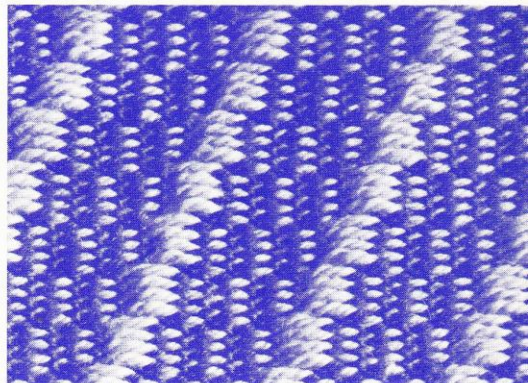
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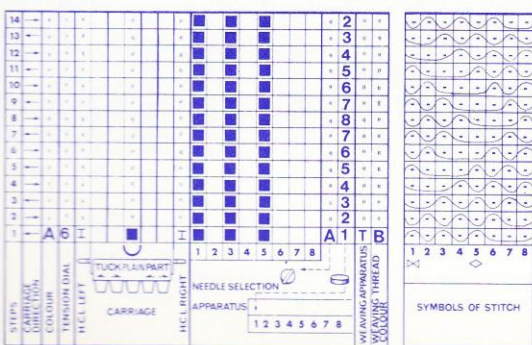
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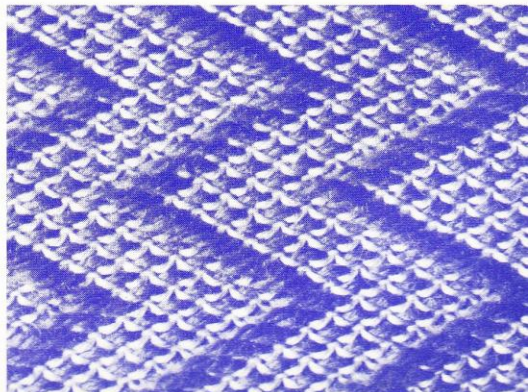
95



13. Turn Slide Dial to 4 and continue pattern by moving Slide Dial up one number after every 4 rows. After 8, return Slide Dial direct to 1 and repeat.



96



85

Main Bed
in action – Position 'B'.
Lower Bed
in action – Position 'C'.

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

N.B. Before knitting each row on the main bed – bring forward the end needle closest to the carriage, to Position E.
1st Row: M.B. carriage to right. L.B. carriage to right.
2nd Row: M.B. carriage to left. L.B. carriage to left.

3rd Row: Set Racking Lever to 4. M.B. carriage to right. L.B. carriage to right.
4th Row: M.B. carriage to left. L.B. carriage to left. Reset Racking Lever to 5, and repeat pattern.

MAIN BED:

99

Press centre carriage button PLAIN.
Tension Setting: 7.
Holding Cam Levers: Both on I.

LOWER BED:

Cam Knobs: Both down.
Tension Setting: 6.
Holding Cam Levers: Both on II.
Pitch Lever: on P.
Racking Lever: on 5.
1st Row: M.B. carriage to left. L.B. carriage to left.
2nd Row: M.B. carriage to right. L.B. carriage to right.
3rd Row: Set both L.B. Holding Cam Levers to I. M.B. carriage to left. L.B. carriage to left.
4th Row: M.B. carriage to right. L.B. carriage to right. Set both L.B. Holding Cam Levers back to Position II, and repeat pattern.



Main Bed
in action – Position 'B'.
Lower Bed
in action – Position 'C'.

-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-

MAIN BED:

100

Press centre carriage button (Plain).
Tension Setting: 6.
Holding Cam Levers: Both on Position I.

LOWER BED:

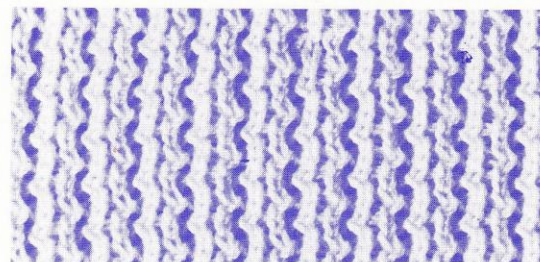
Cam Knobs: Both down.
Holding Cam Levers: Left on II; Right on I.
Tension Setting: 6.
Pitch Lever: on H.
Racking Lever: on 5.

Main Bed
in action – Position 'B'.
Lower Bed
in action – Position 'C'.

-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-

N.B. Before knitting each row on the main bed – bring forward the end needle closest to the carriage, to Position 'E'.
1st Row: M.B. carriage to right. L.B. carriage to right.
2nd Row: M.B. carriage to left. L.B. carriage to left.
3rd Row: Set Racking Lever to 4. M.B. carriage to right. L.B. carriage to right.
4th Row: M.B. carriage to left. L.B. carriage to left.

5th Row: Set Racking Lever to 3. M.B. carriage to right. L.B. carriage to right.
6th Row: M.B. carriage to left. L.B. carriage to left.
7th Row: Set Racking Lever to 4. M.B. carriage to right. L.B. carriage to right.
8th Row: M.B. carriage to left. L.B. carriage to left. Set Racking Lever to 5, and repeat pattern.



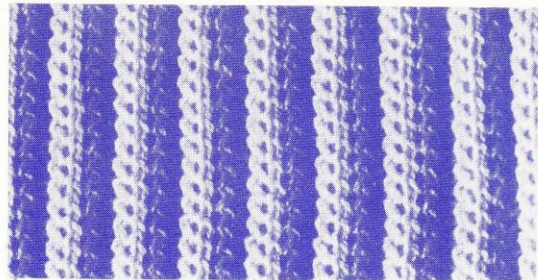
MAIN BED :

101

Press carriage button TUCK RIGHT.
 Tension Setting: 6.
 Holding Cam Levers: Both on Position I.

LOWER BED :

Cam Knobs: Both down.
 Tension Setting: 6.
 Holding Cam Levers: Left on II; Right on I.
 Pitch Lever: on H.
 Racking Lever: on 5.



Main bed
 in action – Position 'B'
 Lower bed
 in action – Position 'C'

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

N.B. Before knitting each row on the main bed – bring forward the needle closest to the carriage, to Position E .
 1st Row: M.B. carriage to right. L.B. carriage to right.
 2nd Row: M.B. carriage to left. L.B. carriage to left.

3rd Row: Set Racking Lever to 4. M.B. carriage to right. L.B. carriage to right.
 4th Row: M.B. carriage to left. L.B. carriage to left. Set Racking Lever to 5, and repeat pattern.

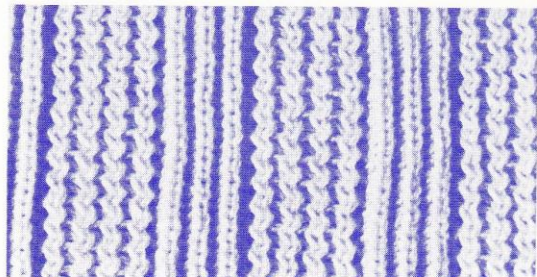
MAIN BED :

102

Press carriage button TUCK RIGHT.
 Tension Setting: 6.
 Holding Cam Levers: Both on I.

LOWER BED :

Cam Knobs: Both down.
 Tension Setting: 6.
 Holding Cam Levers: Left on II; Right on I.
 Pitch Lever: on H.
 Racking Lever: on 5.



Main Bed
 in action – Position 'B'.
 Lower Bed
 in action – Position 'C'.

-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

N.B. Before knitting each row on the main bed – bring forward the needle closest to the carriage, to Position E .
 1st Row: M.B. carriage to right. L.B. carriage to right.
 2nd Row: M.B. carriage to left. L.B. carriage to left.

3rd Row: Set Racking Lever to 4. M.B. carriage to right. L.B. carriage to right.
 4th Row: M.B. carriage to left. L.B. carriage to left. Set Racking Lever to 5, and repeat pattern.

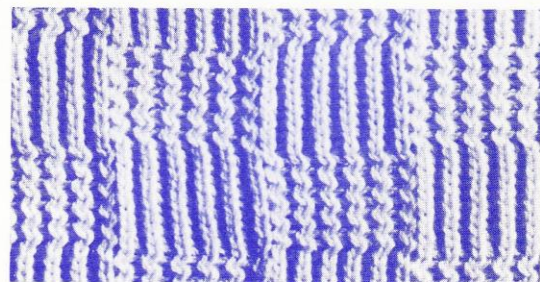
MAIN BED :

103

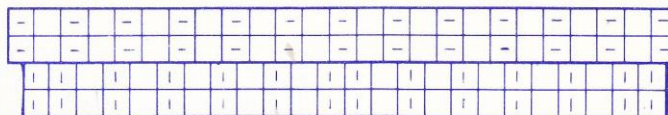
Press carriage button TUCK RIGHT.
 Tension Setting: 6.
 Holding Cam Levers: Both on Position I.

LOWER BED :

Cam Knobs: Both down.
 Tension Setting: 6.
 Holding Cam Levers: Left on II; Right on I.
 Pitch Leber: on H.
 Racking Lever: on 5.



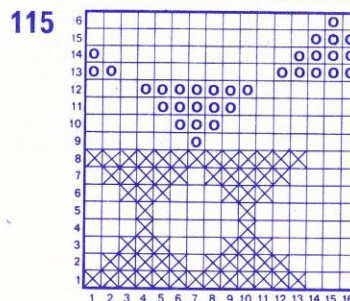
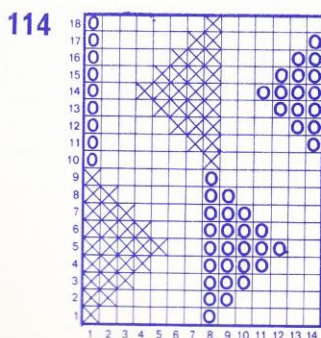
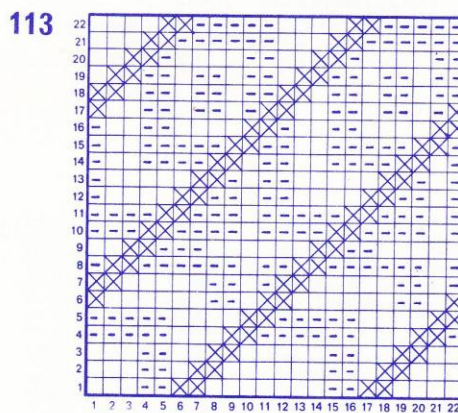
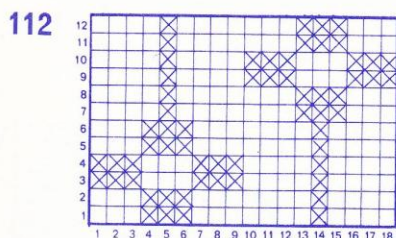
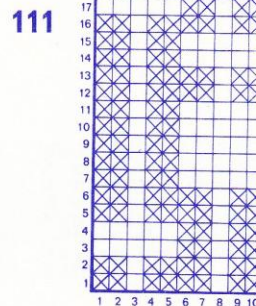
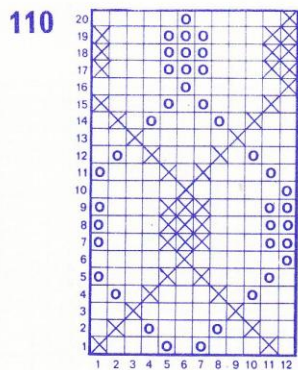
Main bed
in action – Position 'B'
Lower bed
in action – Position 'C'



N.B. Before knitting each row on the main bed – bring forward the needle closest to the carriage, to Position E.
1st Row: M.B. carriage to right. L.B. carriage to right.
2nd Row: M.B. carriage to left. L.B. carriage to left.
3rd Row: Set Racking Lever to 4. M.B. carriage to right. L.B. carriage to right.
4th Row: M.B. carriage to left. L.B. carriage to left.
Set Racking Lever to 5, and repeat pattern as above, four times.

21st Row: Set Racking Lever to 5. M.B. carriage to right. L.B. carriage to right.
22nd Row: M.B. carriage to left. L.B. carriage to left.
23rd Row: Set Racking Lever to 6. M.B. carriage to right. L.B. carriage to right.
24th Row: M.B. carriage to left. L.B. carriage to left.
Set Racking Lever to 5, and repeat row 21 to 24, four times (i.e., until row 40).
Repeat pattern from row 1.

FAIR ISLE CHARTS FOR PATTERNS on page 8



4-BUTTON (KH-551) PATTERN CHARTS

2

16	←	"	"	I	"	"	"	"
15	→	"	"	"	"	"	"	"
14	←	"	"	"	"	"	"	"
13	→	"	"	III	"	"	"	■
12	←	"	"	I	"	"	"	"
11	→	"	"	"	"	"	"	"
10	←	"	"	"	"	"	"	"
9	→	"	"	III	"	"	"	■
8	←	"	"	I	"	"	"	"
7	→	"	"	"	"	"	"	"
6	←	"	"	"	"	"	"	"
5	→	"	"	III	"	"	"	■
4	←	"	"	I	"	"	"	"
3	→	"	"	"	"	"	"	"
2	←	"	"	"	"	"	"	"
1	→	"	"	"	"	"	"	"
		5	A	III	PLAIN	III		1 2 3 4
Steps	Carriage Direction	Tension Dial	Yarn Colour	H.C.L (Left)	Pattern Keys	H.C.L (Right)		Pattern Selector Buttons

8

8	←	"	"	I	"	"	"	"
7	→	"	"	"	"	"	"	"
6	←	"	"	"	"	"	"	"
5	→	"	"	III	"	"	"	■
4	←	"	"	I	"	"	"	"
3	→	"	"	"	"	"	"	"
2	←	"	"	"	"	"	"	"
1	→	"	"	"	"	"	"	"
		5	A	III	PLAIN	III		1 2 3 4
Steps	Carriage Direction	Tension Dial	Yarn Colour	H.C.L (Left)	Pattern Keys	H.C.L (Right)		Pattern Selector Buttons

9

16	←	"	"	"	"	"	"	■
15	→	"	"	"	"	"	"	■
14	←	"	"	"	"	"	"	■
13	→	"	"	"	"	"	"	■
12	←	"	"	"	"	"	"	■
11	→	"	"	"	"	"	"	■
10	←	"	"	"	"	"	"	■
9	→	"	"	"	"	"	"	■
8	←	"	"	"	"	"	"	■
7	→	"	"	"	"	"	"	■
6	←	"	"	"	"	"	"	■
5	→	"	"	"	"	"	"	■
4	←	"	"	"	"	"	"	■
3	→	"	"	"	"	"	"	■
2	←	"	"	"	"	"	"	■
1	→	"	"	"	"	"	"	■
		6	A	I	PART (L & R)	I		1 2 3 4
Steps	Carriage Direction	Tension Dial	Yarn Colour	H.C.L (Left)	Pattern Keys	H.C.L (Right)		Pattern Selector Buttons

11


2	←	"	"	"	"	"	"	■
1	→	"	"	"	"	"	"	■
		4	A	I	TUCK (L & R)	I		1 2 3 4
Steps	Carriage Direction	Tension Dial	Yarn Colour	H.C.L (Left)	Pattern Keys	H.C.L (Right)		Pattern Selector Buttons

12

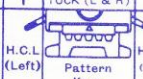
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2	←	"	"	"	"	"	"	■
1	→	"	"	"	"	"	"	■
		5	A	I	TUCK (LEFT)	III		1 2 3 4
Steps	Carriage Direction	Tension Dial	Yarn Colour	H.C.L (Left)	Pattern Keys	H.C.L (Right)		Pattern Selector Buttons

15


12	←	"	"	"	"	"	"	"
11	→	"	"	"	"	"	"	"
10	←	"	"	"	"	"	"	"
9	→	"	"	"	"	"	"	"
8	←	5	"	"	PLAIN	"	"	"
7	→	"	"	"	"	"	"	■
6	←	"	"	"	"	"	"	■
5	→	"	"	"	"	"	"	■
4	←	"	"	"	"	"	"	■
3	→	"	"	"	"	"	"	■
2	←	"	"	"	"	"	"	■
1	→	"	"	"	"	"	"	■
		7	A	I	PART (L & R)	I		1 2 3 4
Steps	Carriage Direction	Tension Dial	Yarn Colour	H.C.L (Left)	Pattern Keys	H.C.L (Right)		Pattern Selector Buttons

4	←	"	"	"	"	"	"	"	"	"	"	"	"	
3	→	"	"	"	"	"	"	"	"	"	"	"	"	
2	←	"	"	"	"	"	"	"	"	"	"	"	"	
1	→	"	"	"	"	"	"	"	"	"	"	"	"	
		5	A	I	TUCK (R)	I								
Steps	Carriage Direction	Tension Dial	Yarn Colour	H.C.L (Left)		H.C.L (Right)					1	2	3	4
					Pattern Keys									

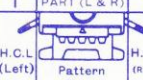
13

12	←	"	"	"	"	"	"	"	"	"	"	"	"	
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10	←	"	"	"	"	"	"	"	"	"	"	"	"	
9	→	"	"	"	"	"	"	"	"	"	"	"	"	
8	←	"	"	"	"	"	"	"	"	"	"	"	"	
7	→	"	"	"	"	"	"	"	"	"	"	"	"	
6	←	"	"	"	"	"	"	"	"	"	"	"	"	
5	→	"	"	"	"	"	"	"	"	"	"	"	"	
4	←	"	"	"	"	"	"	"	"	"	"	"	"	
3	→	"	"	"	"	"	"	"	"	"	"	"	"	
2	←	"	"	"	"	"	"	"	"	"	"	"	"	
1	→	"	"	"	"	"	"	"	"	"	"	"	"	
		6	A	I	TUCK (L & R)	I								
Steps	Carriage Direction	Tension Dial	Yarn Colour	H.C.L (Left)		H.C.L (Right)								
					Pattern Keys									

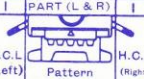
18

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4	←	"	"	"	"	"	"	"	"	"	"	"	"	
3	→	"	"	"	"	"	"	"	"	"	"	"	"	
2	←	"	"	"	"	"	"	"	"	"	"	"	"	
1	→	"	"	"	"	"	"	"	"	"	"	"	"	
		5	A	III	PLAIN	III								
Steps	Carriage Direction	Tension Dial	Yarn Colour	H.C.L (Left)		H.C.L (Right)								
					Pattern Keys									


20

6	←													
5	→	"	"	"	"	"	"	"	"	"	"	"	"	"
4	←	"	"	"	"	"	"	"	"	"	"	"	"	"
3	→	"	"	"	"	"	"	"	"	"	"	"	"	"
2	←	"	"	"	"	"	"	"	"	"	"	"	"	"
1	→	"	"	"	"	"	"	"	"	"	"	"	"	"
		6	B	I	PART (L & R)	I								
Steps	Carriage Direction	Tension Dial	Yarn Colour	H.C.L (Left)		H.C.L (Right)								
					Pattern Keys									

21

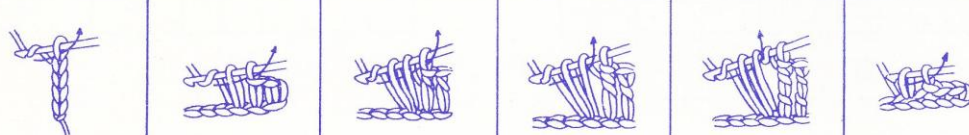
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5	→	"	"	"	"	"	"	"	"	"	"	"	"	
4	←	"	"	"	"	"	"	"	"	"	"	"	"	
3	→	"	"	"	"	"	"	"	"	"	"	"	"	
2	←	"	"	"	"	"	"	"	"	"	"	"	"	
1	→	"	"	"	"	"	"	"	"	"	"	"	"	
		6	B	I	PART (L & R)	I								
Steps	Carriage Direction	Tension Dial	Yarn Colour	H.C.L (Left)		H.C.L (Right)								
					Pattern Keys									

22
















12	←	"	"	"	"	"	"	"	"	"	"	"	"	
11	→	"	"	"	"	"	"	"	"	"	"	"	"	
10	←	"	"	"	"	"	"	"	"	"	"	"	"	
9	→	"	"	"	"	"	"	"	"	"	"	"	"	
8	←	"	"	"	"	"	"	"	"	"	"	"	"	
7	→	"	"	"	"	"	"	"	"	"	"	"	"	
6	←	"	"	"	"	"	"	"	"	"	"	"	"	
5	→	"	"	"	"	"	"	"	"	"	"	"	"	
4	←	"	"	"	"	"	"	"	"	"	"	"	"	
3	→	"	"	"	"	"	"	"	"	"	"	"	"	
2	←	"	"	"	"	"	"	"	"	"	"	"	"	
1	→	"	"	"	"	"	"	"	"	"	"	"	"	
		6	B	I	PART (L & R)	I								
Steps	Carriage Direction	Tension Dial	Yarn Colour	H.C.L (Left)		H.C.L (Right)								
					Pattern Keys									




24

CROCHET PATTERN STITCH SYMBOLS

<p style="font-size: 2em; font-weight: bold;">0</p> <p>Chain Stitch</p>	<p style="font-size: 2em; font-weight: bold;">X</p> <p>Double Crochet</p>	<p style="font-size: 2em; font-weight: bold;">T</p> <p>Treble Crochet</p>	<p style="font-size: 2em; font-weight: bold;">T</p> <p>Double Treble</p>	<p style="font-size: 2em; font-weight: bold;">T</p> <p>Treble Treble</p>	<p style="font-size: 2em; font-weight: bold;">O</p> <p>Slip Stitch</p>
					

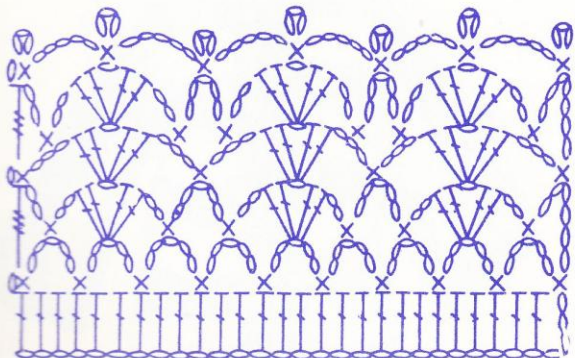
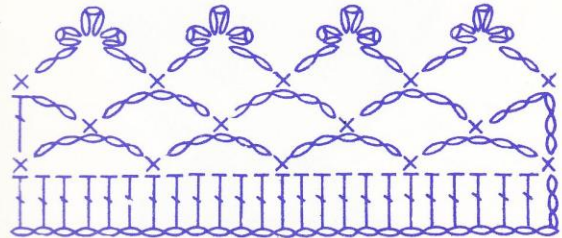
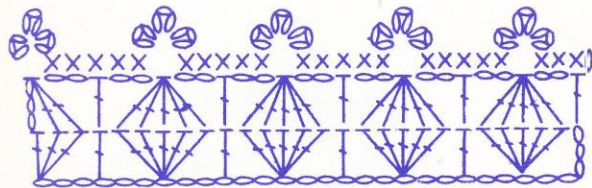
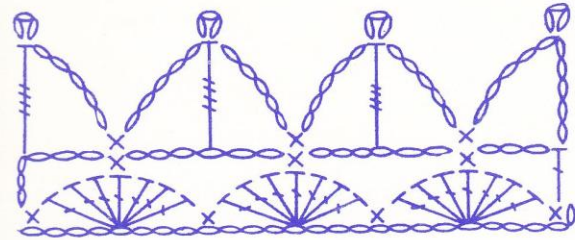
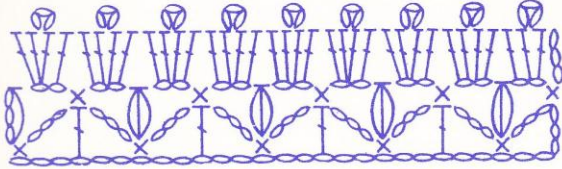
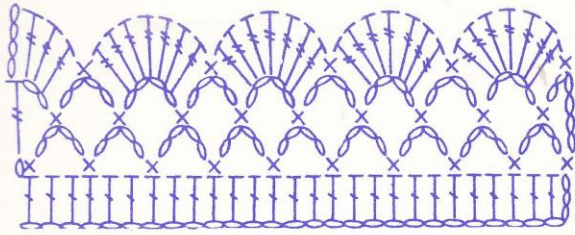
FOLLOW THE PATH OF THE ARROWS CAREFULLY

 <p>1</p>	 <p>1</p>	 <p>1</p>	 <p>1</p>	 <p>1</p>	 <p>1</p>
 <p>2</p>	 <p>2</p>	 <p>2</p>	 <p>2</p>	 <p>2</p>	 <p>2</p>
 <p>3</p>					
 <p>3</p>					
 <p>4</p>					

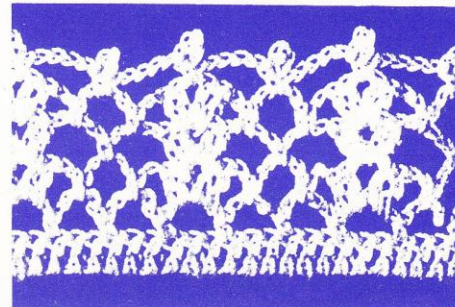
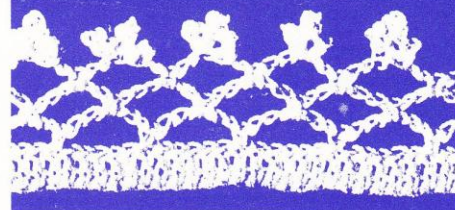
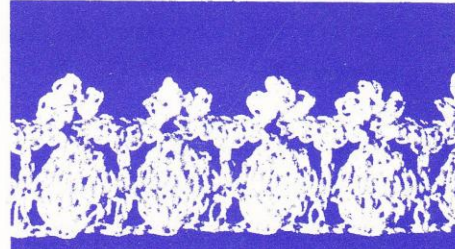
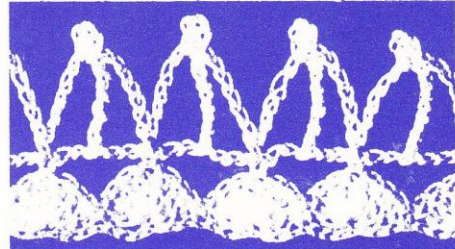
<p style="font-size: 2em; font-weight: bold;">B</p> <p>Bunch Stitch</p>	 <p>1.</p>	 <p>2.</p>	 <p>3.</p>
---	---	---	---

MAKE CHAIN

1. WOOL FORWARD. INSERT HOOK INTO FRONT OF 4th CHAIN FROM HOOK. DRAW LOOP THROUGH. WOOL FORWARD. INSERT HOOK INTO BACK OF SAME CHAIN. DRAW THROUGH LOOP.
2. WOOL FORWARD. DRAW THROUGH ALL LOOPS AND CHAIN ON HOOK.
3. CLOSE BUNCH WITH ONE CHAIN STITCH.



CROCHET BORDERS

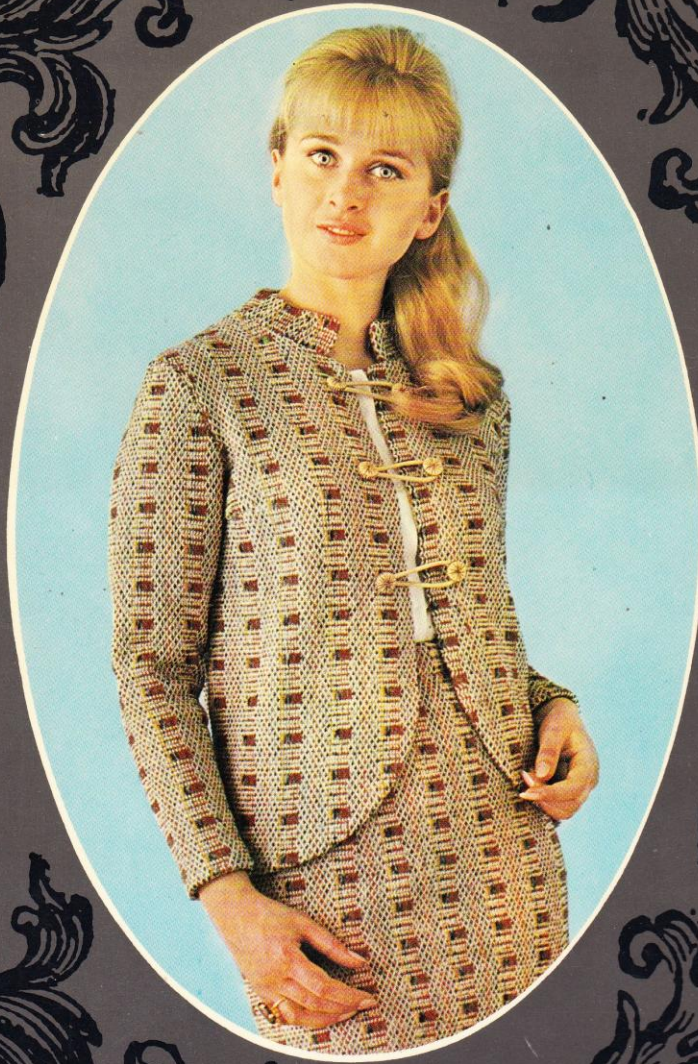


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