

# Empisal

## INTERNATIONAL KNITWEAR COLLECTION

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BOOK  
No. AU2

LONDON

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PATTERN Nos. 9278 & 9279



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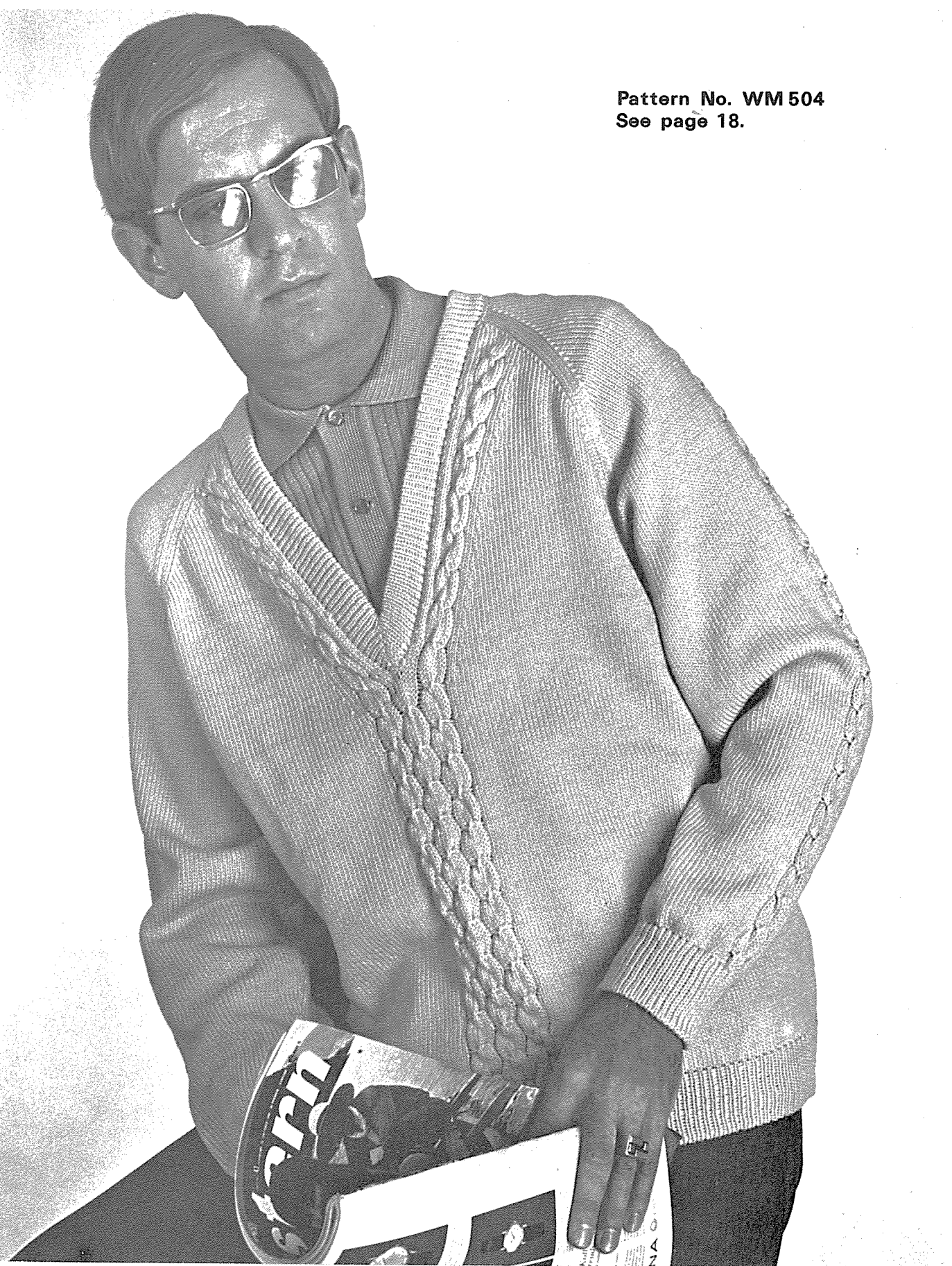


**Pattern No. WM 502**  
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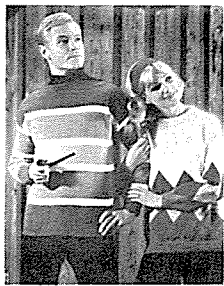




Pattern No. WM 504  
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**MAN'S LONG SLEEVE STRIPED BOAT NECK PULLOVER** — **PATTERN NO. 9278**



This Pattern is written for the 3 sizes shown below and includes an allowance for seaming. For the first size read the first figure, the second and third sizes follow in brackets. When only one figure appears this applies to all 3 sizes.

**MEASUREMENTS:** (in inches.) to fit sizes 36 (38) (40) inch bust. Length, shoulder to hem: 25½ (26½) (27½). Underarm seam:— 14 (15½) (16½) Sleeve seam:—

17½ (18) (19) **MATERIALS:** Patons Bluebell Crepe. Main Colour (MC) — Rust 9 (8) (8) ozs. 1st Contrast Colour 1.C — Tan 8 (7) (7) ozs. 2nd Contrast Colour 2.C — Mustard 5 (4) (4) ozs. Striping Colour (SC) — White 5 (4) (4) ozs. **TENSION:**— 7½ stitches to one square inch 10 rows, measured over stocking stitch (Measure over at least 6 square inches to be able to get the correct measurement) Test on your Empisal Pushbutton Knitter at tension setting 7, or on your Empisal Instant Knitter at tension setting 7½.

**ABBREVIATIONS:**

dec = decrease or decreasing MC = Main Colour  
inc = increase or increasing SC = Striping Colour  
1.C = First Contrast Colour st = stitch  
2.C = Second Contrast Colour st.st. = stocking stitch.

**THE BACK AND FRONT (Two Panels Alike)** 1. Set row-counter at O and tension at 2 full points tighter than main tension. 2. Cast on MC for chosen rib over 142 (150) (169) needles. 3. Knit in rib 16 (18) (18) rows. 4. Reset tension to Main tension, row-counter to O, and needles for stocking stitch. 5. Knit:—

16 (22) (24) rows MC. 11 (12) (12) rows SC.  
11 (12) (12) rows SC. 32 (32) (33) rows 2.C  
36 (37) (38) rows 1.C 8 ( 1) ( 3) rows SC

**SHAPING UNDERARM:**—6. Increase 1 st. at each edge. 7. Knit 3 (8) (8) rows SC; [a. Size 38 only] Increase 1 st. at each edge then knit 3 rows SC; [b. Size 40 only] Increase 1 st. at each edge then knit 1 row SC. 8. Set row-counter at O 9. Knit the next 36 (37) (38) rows in 1.C, shaping for arm-hole as follows:— a. Knit 5 (5) (7) rows. b. Increase 1 st. at each edge. c. Knit 8 (8) (8) rows. d. Increase 1 st. at each edge on this and every 2nd row 4 times. e. Cast on at the beginning of this and the next row 9 sts. f. Knit without shaping to row 36 (37) (38). g. Knit 11 rows SC; h. Knit 50 (51) (53) rows MC.

**SHAPING SHOULDER:**—10. At the beginning of this and every following row decrease 4 sts. until there remain 60 (70) (78) sts. 11. Knit 1 row.

**SHAPING NECK BAND:** 12. At the beginning of this and every following row increase 1 st. until there are 80 (90) (94) sts. 13. Knit 1 row and cast off.

**THE SLEEVES (Two Panels Alike)** 1—4 Over 74 (78) (82) needles repeat steps 1 to 4 of Back panel. 5. Knit 6 (4) (6) rows MC. 6. [a. Sizes 36 and 40 only] Increase 1 st. at each edge. [b. Size 38 only] Knit 2 rows SC then increase one st. at each edge. 7. After every 6th row, increase one stitch at each edge whilst knitting as follows:—

a. 11 (10) (12) rows SC c. 11 (12) (12) rows SC  
b. 36 (37) (38) rows 1.C d. 32 (32) (33) rows 2.C

e. 11 (12) (12) rows SC. g. 1 ( 4) ( 5) rows SC  
f. 36 (37) (38) rows 2.C

h. Without further increasing, knit 10 (8) (7) rows SC. 8. Cast off.

**TO MAKE UP:** 1. Block and press lightly the matching pieces. 2. Join the back to the front at the shoulder seams. 3. Tack into position then sew on the sleeves. 4. Turn the collar facing inwards and blindstitch down. 5. Join the underarm and sleeve seams. 6. Press lightly along seams.

**GIRL'S ROUND NECK FAIR-ISLE LONG SLEEVE PULLOVER** — **PATTERN NO. 9279.**



This Pattern is written for the 3 sizes shown below and includes an allowance for seaming. For the first size read the first figure, the second and third sizes follow in brackets. When only one figure appears this applies to all 3 sizes.

**MEASUREMENTS:** (in inches.) to fit sizes 34 (36) (38) inch bust. Length - shoulder to hem: 25½ (26½) (27½). Underarm Seam: 16½ (17½) (18). Sleeve Seam: 17½ (18)

(18½) **MATERIALS:** Patons Bluebell Crepe. Main Colour (MC) White: 9 (10) (11) ozs. 1st Contrast (1.C) Purple: 4 (4) (5) ozs. 2nd Contrast (2.C) Red: 4 (4) (4) ozs. 3rd Contrast (3.C) Rose: 2 (3) (3) ozs. **TENSION:** 6½ stitches to one square inch. 9 rows, measured over stocking stitch. (Measure over at least 6 square inches to be able to get the correct measurement.) Test on your Empisal Instant Knitter at tension setting 10 or on your Empisal Pushbutton Knitter at tension setting 9.

**ABBREVIATIONS:**

dec = decrease or decreasing st.st. = stocking stitch  
inc = increase or increasing st = stitch  
p.st = pattern stitch MC = Main Colour  
1.C = First Contrast Colour 3C = 3rd Contrast Colour  
2.C = 2nd Contrast Colour

**FAIR-ISLE PATTERN:** This Pattern was originally written to be worked on the Instant Knitter, on which the yarn is laid in by hand. On the Instant Knitter, the colours are crossed over between needles leaving no long threads at the back of the work. If using an Empisal Pushbutton Knitter, the same system can be used by pressing in both "Part" buttons, raising both Holding Cam Levers and feeding the yarn by hand from several balls or skeins. After the Fair-Isle Diamonds pattern has been completed, return to the normal method of knitting.

**THE BACK:** 1. Set row counter at O and tension at 2 full points tighter than main tension. 2. Cast on 1C for chosen rib over 121 (130) (136) needles. 3. Knit in rib 16 (18) (18) rows. 4. Reset tension to Main tension, row counter at O, and needles for stocking stitch. 5. Knit 1 row 1C. You now require 9 small balls of yarn of which 5 are 1C, the others 2C. *Note* [If using a Pushbutton Knitter on "Part" and hand feeding, work on one point looser than main tension, and hand feed the yarns as illustrated until the end of the Diamonds-pattern then reset the tension to Main tension].

6. Place the ends of alternate colours of yarn on needles  
16 ( 14 & 15) ( 17 & 18);  
46 ( 48 & 49) ( 51 & 52);

76 ( 82 & 83) ( 85 & 86);

106 (116 & 117) (119 & 120);

counting from the edge nearest the carriage.

7. Knit in Fair-Isle Pattern, increasing the one colour and decreasing the other by one stitch on each side of each "diamond" every second row. At row 32 (36) (36) the diamonds meet and the 3C yarn should be exchanged for 2C. At row 92 (101) (101) exchange the 2C yarn for MC.

8. From row 124 (137) (137) knit only in MC. (Adjust tensions - see note on step 5), and continue without shaping to row 136 (150) (155). 9. Set row counter at 0

**RAGLAN SHAPING:** 10 a. Decrease each edge 2 (2) (2) sts. then repeat every 4th row until there remains 38 (42) (44) sts. then knit 4 rows and cast off altogether.

**THE FRONT:** 1-9 Repeat steps 1-9 of the back.

**RAGLAN SHAPING:** 10 b. Decrease at each edge 2 (2) (2) sts. then repeat every 4th row until all sts are cast off (after shaping the neck line which starts at row 48 (54) (56)-See Step 11).

**SHAPING NECKLINE:** 11. At row 48 (54) (56) cast off the central 17 (18) (20) sts. then work each side separately, starting with the side nearest the carriage. 12. Whilst shaping at the raglan edge as before, decrease at the neck line 1 st. every row 5 (5) (4) times, then every second row 2 (4) (6) times, then every 4th row 2 (2) (2) times.

**THE SLEEVES:** (2 Alike) 1-4. over 63 (68) (72) sts. (needles) repeat steps 1-4 of back. 5. Knit 1 row 1C. You now require 5 small balls of yarn of which 3 are 1C. 6. Knit in Fair-Isle as for the back, commencing with the threads on needles 17 (17-18) (19-20) and 46 (51-52) (53-54) counting from the edge nearest the carriage, at the same time shaping as follows:- (a) Knit 16 (21) (0) rows then increase at each edge 1 st., then after every 8th (8th) (9th) row increase 1 st. a further 15 (15) (16) times to row 136 (141) (144). (b) Knit without shaping to row 144 (149) (153).

**RAGLAN SHAPING:** 7. On this and every following 4th row decrease at each edge 2 sts. until there remain 12 (16) (16) sts. 8. Knit 3 rows and cast off.

**TO MAKE UP:** 1. Block and press lightly the matching pieces. 2. Join the sleeves to the front at the Raglan Shaping. 3. Join one sleeve to the back at one raglan edge.

**THE NECK BAND:** 4(a) Place into action 151 (153) (156) needles set for chosen rib, and return to these needles equally spaced the stitches around the neck line. (b) Knit in chosen rib 16 (16) (16) rows. (c) Cast off. 5. Join the other sleeve to the back and continue up the neckband. 6. Join underarm and sleeve seams matching the Diamond Pattern. 7. Press lightly along seams.

### LADIES HIGH NECK LONG SLEEVE

#### FAIR-ISLE PULLOVER - PATTERN NO. 9642.



This Pattern is written for the sizes shown below and includes an allowance for seaming. For the first size read the first figure, the second and third sizes follow in brackets. When only one figure appears, this applies to all three sizes. **MATERIALS:** Sirdar Super Nylon. Main Colour = MC 18 (19) (20) ozs. Contrast Colour = CC 3 (3) (3) ozs. If Fair-Isle Back and Front, double the CC quantities and deduct 3 ozs. from

the MC quantities. **TENSION:** 7 stitches to one square inch 9½ rows measured over stocking stitch. (Measure over at least 6 square inches to be able to get the correct measurement.) Test on your Empisal Instant Knitter at Tension setting 12, or on your Empisal Pushbutton Knitter at Tension setting 10.

**MEASUREMENTS:** (All measurements in inches). To fit sizes 34 (36) (38) inch bust. Bust measurements: 36 (38) (40) inches. Length shoulder to hem: 25 (25½) (26) inches Underarm seam: 15½ (16) (16½) inches. Sleeve seam: 17½ (18) (18½) inches.

#### ABBREVIATIONS:

Dec.	= Decrease	p.st	= Pattern Stitch
Inc.	= Increase	MC	= Main Colour
st.	= stitch	CC	= Contrast Colour
st.st	= Stocking stitch		

**PATTERN STITCH:** Follow the graph for the Fair-Isle Pattern. Vertical stripes of 2 sts. and horizontal stripes of 2 rows of dark colour surround each pattern. Centre the Fair-Isle Patterns on backgrounds of light colour consisting: for size 34 of 41 sts. and 44 rows for size 36 of 41 sts. and 44 rows for size 38 of 43 sts. and 48 rows [between the vertical and horizontal stripes.]

**THE BACK:** The Back may be knitted one colour only, or in Fair-Isle. If knitting plain, ignore Fair-Isle instructions.

**THE HEM:** 1. On a tension two points tighter than main tension, knit in rib 14 rows or a continental rib hem of 28 rows according to choice, over 127 (133) (139) needles (sts)

**THE BODY:** 2. Set row counter at 0 and tension to main tension. 3. Knit 4 rows MC. 4. Knit 2 rows CC. 5. Commence Fair-Isle by setting CC on needles:- For size 34:- 42 & 43 (There are no sidestripes). For size 36:- 2 & 3 and 45 & 46. For size 38:- 2 & 3 and 47 & 48 (counting from each end for the vertical stripes.) 6. Work in Fair-Isle and knit to row 126 (131) (136).

**SHAPING FOR ARMHOLE:** 7. At each end of this and every following 6th row, decrease 1 st. altogether 5 times.

8. Knit without shaping to row 192 (199) (206).

**SHAPING SHOULDERS:** 9. At the beginning of this and every following row, cast off 4 sts. until there remain 37 (39) (41) sts. 10. Knit 1 row and cast off.

**THE FRONT:** 1-7. Repeat steps 1-7. of Back. 8. Knit without shaping to row 170 (171) (178).

**NECK OPENING:** 9. Transfer the central st. to the adjacent needle. 10. Working each side separately, decrease 1 st. every alternate row at the neck opening until row 207 (209) (218), then knit without shaping at this edge until all sts. are cast off - at the same time... 11. On row 192 (199) (206) commence the shoulder shaping.

**SHOULDER SHAPING:** 11 (a) On row 192 (199) (206). cast off at the shoulder edge 4 sts. and repeat every alternate row until all sts. are cast off.

**THE SLEEVES:** 1-4 Over 60 (64) (68) sts work steps 1-4 of back. 5. Knit 8 (6) (6) rows.

6. At each edge increase 1 st. on this and every following 6th row altogether 22 (23) (23) times.

7. After the last increase, knit 6 (6) (11) rows.

#### UPPER ARM SHAPING:

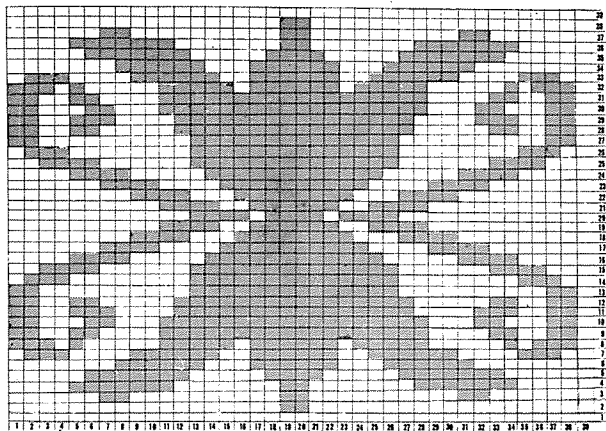
8. At the beginning of this and every following row, cast off 4 sts. until there remain 8 (14) (18) sts.

9. Knit 1 row and cast off.

#### THE COLLAR: (Double)

1. Place into action 157 (161) (165) needles then return

- out of action every alternate needle = 79 (81) (83) sts.
- Cast on open edge, on a tension 2 points higher than Main tension.
  - Knit 2 rows.
  - At each edge decrease 1 st. every second row altogether 5 times then every 4th row altogether 4 times.
  - Row counter now reads 30 rows.
  - Reverse step 4 for the next 30 rows (increasing instead of decreasing to knit a matching slope).
  - Close the hem and knit 1 extra row, then transfer to waste yarn, knit several rows and remove from knitter.
- TO MAKE UP:** Block and press matching panels (very cool iron). Join back and front at shoulder and underarm seams. Set in the sleeves and sew up sleeve seams. Starting at one point of V-Neck tack the collar into position around the neck opening, then graft to neck line through the open loops. Graft the front centre seam of collar taking in both back and front selvedge stitches.



### CHECKER-BOARD SWEATER — PATTERN NO. AU 302

**MATERIALS:** 7 (8-8) Balls Patons Azalea 3 ply in Main Colour. 6 (7-7) Balls Patons Azalea 3 ply Contrast Colour. 5 Small Buttons.

**TENSION:** T4. 12 rows to 1". 8¾ sts. to 1". **MEASUREMENTS:** To fit 32" (34" -36") Bust. Completed length at centre back 24" (24½" - 25"). Sleeve seam 16" (16½" - 17")

**ABBREVIATIONS:** M—Main colour C—Contrast colour.

#### CHECKER-BOARD PATTERN:

Press buttons 1-2-3-4 \*\* Reverse dial on plus + Set lever. Use picker from right to left. Place contrasting wool in hooks of raised needles. Use picker from left to right. Knit 1 row, take carriage back to starting point. Turn Reverse dial to minus - set lever. Knit 1 row. Repeat 5 times more from \*\* to \*\*. On next 6 rows repeat from \*\* to \*\*, starting with reverse dial on minus - and finishing on plus +. These 12 rows complete pattern.

**FRONT:** Using M wool cast on 162 (172-180) sts. with selvedge edge and T3, Knit 16 rows. Turn to T4 and R/C on "O", knit in pattern for 248 (254-260) rows.

**SHAPE SHOULDERS:** Cast off 2 sts. at beg. of next 10 (12-12) rows. Cast off 4 sts. at beg. of next 16 (4-4) rows.

**2nd & 3rd Sizes Only:** Cast off 5 sts. at beg. of next 8 rows, cast off 4 sts. at beg. of next 2 rows.

**All Sizes:** Cast off 3 (3-4) sts. at beg. of next 2 rows. Cast off 3 (3-3) sts. at beg. of next 2 rows.

**All Sizes Shape Neck:** Using an odd length of wool, knit 39 (43-46) sts. at left by hand pulling each needle down into "A" position.

**Knit Right Part As Follows:** \*\* Cast off 1 (2-2) sts. at beg. of next row, knit 1 row:- Always using odd wool at left and pulling needles down into "A" position, knit 7 (7-7) needles at left by hand. Cast off 1 (1-2) sts. at beg. of next row, knit 1 row. Knit 5 (6-7) sts. at left by hand, dec. 1 st. at beg. of next row, knit 1 row. Knit 5 (5-6) needles at left by hand. Dec. 1 st. at beg. of next row, knit 1 row. Knit 3 more needles at left by hand. Dec. 1 st. at beg. of next row, Knit 1 row. \*\* Knit remaining 2 sts. by hand. Break off M and C wool. Unravel odd wool from 27 (29-32) needles at extreme left and with carriage at right, knit 1 row. Knit the left part as for right part from \*\* to \*\*. Unravel odd wool and break off C wool. Turn to T3 and using M wool, knit for 10 rows in stocking stitch. Cast off loosely.

**BACK:** Using M wool cast on 162 (172-180) sts. with selvedge edge. On T3 knit 16 rows. Turn to T4 and R/C on "O" knit in pattern for 222 (228-234) rows.

**BACK OPENING:** Using an odd length of wool, knit the 81 (86-90) needles at left by hand pulling needles down into "A" position. Knit the right half as follows: \* Knit 26 rows.

**SHAPE SHOULDERS:** At shoulder edge, cast off 2 sts. at beg. of every 2nd row 5 (6-6) times. Cast off 4 sts. at beg. of every 2nd row 8 (2-2) times. **2nd & 3rd Size Only:** Cast off 5 sts. at beg. of every 2nd row 4 times. Cast off 4 sts. at beg. of the next 2nd row once. **All Sizes:** Cast off 3 (3-4) sts. at beg. of the next 2nd row once. Cast off 3 (3-3) sts. at beg. of the next 2nd row once. Cast off 1 (2-2) sts. at beg. of the next 2nd row once. Cast off 1 (1-2) sts. at beg. of the next 2nd row once. Cast off 1 (1-1) st. at beg. of every 2nd row 3 times. Turn to T3 and M colour, knit 10 rows in stocking stitch. 28 (30-32) sts. remain. Cast off loosely. \* Unravel odd wool and bring needles from "A" position back into working position. Knit the left half as for the right half from \* to \*.

**SLEEVES (Both Alike):** Using M colour, cast on 72 (76-80) sts. with selvedge edge and on T3 knit 16 rows. Turn to T4 and R/C on "O" in Pattern Knit 10 rows. Inc. 1 st. at beg. of next 2 rows, and every following 7th & 8th row 4 times altogether. Knit 4 rows. Inc. 1 st. at beg. of next 2 rows and every following 5th & 6th row 13 (9-9) times altogether. Knit 2 rows. Increase 1 st. at beg. of next 2 rows and every following 3rd & 4th rows 16 (23-26) times altogether 138 (148-158) sts. Knit 10 (12-8) rows.

**SHAPE TOP:** Cast off 4 sts. at beg. of next 20 (22-18) rows, 6 (6-6) sts. at beg. of next 4 (4-8) rows. Cast off remaining 34 (36-38) sts.

**TO MAKE UP:** Join shoulder seams together, sew in sleeve. Join side and sleeve seams. Turn up 16 rows in M at lower and sleeve edges and catch down on inside to form hem. Turn in 10 rows in M at neck edge and catch down on inside. Work 1 row double crochet around back opening making 5' loops on 1 side. Sew on buttons.

## MAN'S COTTON SHIRT – PATTERN NO. AU 303



**MATERIAL:** 18-19 Balls Panda Italian Cotton. 3 Buttons. Grosgrain Ribbon. **MEASUREMENTS:** Chest 38" (40") Finished Length 27" (28") Sleeve 3" (adjustable) **TENSION:** T6.2 7½ sts. to 1" 10 rows to 1".

**\*\*BACK:** Bring up 135 (143) sts. push every 2nd needle back into "A" position. With waste wool and T7, knit 3 rows. Join in yarn and knit 1 row.

Turn to T4 and knit 30 rows. Pick up the loops of yarn and place on empty needles. Take out waste wool. R/C on "O" and T6.2, Knit 40 rows. Inc. 1 st. each end of every 8th row to 150 (158) sts. Knit to 140 rows (or length desired).

**ARMHOLE SHAPING:** Cast off 8 (8) sts. at beg. of next 2 rows. \*\* Turn R/C to "O". Dec. 1 st. each end of every 4th row to 20 rows. Dec. 1 st. each end of every 2nd row to 104 (112) rows. Cast off remaining sts.

**FRONT:** Same as back from \*\* to \*\*

**LEFT SIDE:** Push 61 (65) sts. on R/hand side of work to "E" position. Cam levers on 111 Dec. at armhole edge same as back to final cast off. At the same time make 3 buttonholes on the 6th (6th) 34th (36th) and 62nd (66th) row at inside edge.

**SHAPE NECK:** At 66 (70) row. Cast off 17 sts. at neck edge. Dec. 1 st. at beg. of every 2nd row 8 (8) times. Knit to 104 (112) rows. Cast off.

**RIGHT SIDE:** Put cam levers on 1. Pick up 12 loops under buttonhole piece to form flap for buttons and place on machine. Knit to correspond with L/side omitting buttonholes.

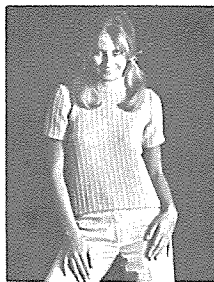
**SLEEVES: (Both Alike)** Bring up 92 (100) sts. push every 2nd needle back into "A" position. With waste wool and T7 knit 3 rows. Join in yarn and knit 1 row. Turn to T3 and knit 24 rows. Pick up loops of yarn and place on empty needles. Take out waste wool. R/C on "O" and T6.2 Knit 22 rows increasing 1 st. each end of every 2nd row. 112 (120) sts.

**ARMHOLE SHAPING:** Cast off 8 (8) sts. at beg. of next 2 rows. R/C on "O". Dec. 1 st. each end of every 4th row to 32 rows. Dec. 1 st. each end of every 2nd row till 10 sts. remain. Cast off.

**COLLAR:** Cast on 128 (136) sts. with selvedge edge and T6. Inc. 1 st. at each end of every 5th row 7 times. Knit 10 rows. Dec. 1 st. at each end of the next and every following 5th row. 7 times altogether. Knit 5 rows. :Cast off loosely.

**TO MAKE UP:** Sew in Raglan sleeves, join side and sleeve seams. Turn collar in half and sew edges together and attach around neck. Sew buttons on front opening backed with Grosgrain ribbon.

## SKINNY RIB JUMPER – PATTERN NO. AU 306



**MATERIALS:** 12 (14-14) Balls Sirdar Fontaine Crepe - 4 Ply. 6 Buttons. 1 Crochet Hook.

**TENSION:** T9. 5¼ sts. to 1" - 16 rows to 1". **MEASUREMENTS:** To fit 32" (34" - 36") Bust. Sleeve: 3½" (4" - 4½"). Shoulder to Hemline 19½" (20½" - 21").

**PATTERN:** Press Buttons 1 - 5. Slide Dial on 1. L/Hand Cam lever on 111. R/Hand Tuck Button pressed in. Set Lever. Knit 1 row.

Slide dial on 3. Set Lever. Knit 1 row. These 2 rows complete pattern.

**BACK:** Cast on with selvedge edge 98 (104-110) sts. Knit in pattern for 216 (232-232) rows.

**ARMHOLE SHAPING:** Cast off 5 sts. at beg. of next 2 rows. Dec. 1 st. each end of every 2nd row 8 times. Take 36 (39-42) sts. onto waste wool and work on remaining sts. R/C to "O". Knit for 66 (74-82) rows. At armhole edge, cast off 5 sts. at beg. of every 2nd row 3 times. 5 (6-6) sts. once. Knit 2 rows. Cast off remaining 16 (18-20) sts. Place the 36 (39-42) sts. on waste wool back onto machine and knit to correspond with other side.

**FRONT:** Knit same as back to armhole. Cast off 5 sts. at beg. of next 2 rows. Dec. 1 st each end of every 2nd row 8 times. R/C to O. Knit for 30 (34-38) rows.

**SHAPE NECK:** With an odd length of wool, cast off the 12 (14-16) centre sts. Take sts. farthest from carriage onto waste wool and work on remaining sts. At neck edge, dec. 1 st. every 3rd row 10 (11-12) times. When R/C reads 66 (74-82) rows, shape shoulders. At armhole edge, cast off 5 sts. every 2nd row 3 times. Cast off 5 (6-7) sts. once. Place sts. on waste wool back onto machine, and knit to correspond with other side of neck.

**SLEEVES:** Cast on with selvedge edge, 60 (66-72) sts. Increase 1 st. each end of every 8th row 6 times altogether. Knit to 56 (64-72) rows.

**SHAPE CAP:** Cast off 4 (5-6) sts. at beg. of next 2 rows. Dec. 1 st. each end of the next 4 rows. Dec. 1 st. each end of every 2nd row 4 times. Dec. 1 st. each end of every 4th row 10 (12-13) times. Dec. 1 st. each end of every row 8 times. Cast off remaining 12 (12-12) sts.

**FACING FOR JUMPER:** Back. At lower edge, wrong side facing, pick up the 98 (104-110) loops of selvedge edge. On T6, knit 14 rows. Cast off loosely. Front facing same as back.

**SLEEVE FACING:** At lower edge, wrong side facing, pick up 60 (66-72) loops of selvedge edge. On T6, knit 10 rows. Cast off loosely.

**COLLAR:** Pattern. \*\*Press Buttons 1-3-5-7. Slide Dial on 1. L/Hand Cam lever on 111. R/Hand Tuck Button Pressed in. Set lever. Knit 2 rows \*\*Repeat from \*\* to \*\* for length of collar. Cast on with selvedge edge 92 (96-100) sts. at T8. Knit for 52 rows. Cast off loosely.

**TO MAKE UP:** Sew up shoulder and side seams. Sew up sleeve seam, stitch in sleeve. Sew on collar and turn down and catch into place around neck. Turn up facings. Crochet 6 loops on back opening and sew on buttons.

## MAN'S POLO NECK JUMPER — PATTERN NO. AU 307



**MATERIALS:** 14 (25-26) Balls "No. 323 Camel" Villawool Speediknit. 2 Balls 1st Contrast "No. 408 Veldt". 2 Balls 2nd Contrast "No. 411 Tauris". **TENSIONS:** T10.2 5¼ sts. to 1". 8¼ rows 1". **MEASUREMENTS:** Chest 38" (40"-42"). Underarm to Hip 15½" (16"-16½"). Sleeve 18" (18-19").

**Note:** Back & Front is knitted sideways. All increasing & decreasing is done at armhole shoulder edge.

and neck shapings. **ABBREVIATIONS:** M - Main Colour C1 - 1st Contrast. C2 - 2nd Contrast Colour. MB - Main Bed AB - Auxiliary Bed. inc - Increase. dec - Decrease. **BACK:** \* Cast on with selvedge edge and T10-68 (70-72) sts. in M colour, Knit 3 rows. Cast on 2 sts. at beg. of next and every following alt. row 4 times altogether. Knit 1 row. Cast on 45 (48-51) sts. at beg. of next row for armhole. Knit 1 row.

**SHAPE SHOULDERS AND BACK NECK:** Knit 7 rows inc. 1st. knit 6 rows. Change to C1 Inc. 1st. knit 3 rows. Knit 1 (2-1) rows inc. 1st. knit 1 (1-3) rows. Knit 2 (4-2) rows.

**1st. Size Only:** Inc. 1st. knit 3 rows. Change to M knit 2 rows. Change to C2 inc. 1st. knit 6 rows, inc. 1st. knit 1 row. Change to M knit 5 rows, inc. 1st. knit 6 rows, inc. 1st. knit 1 row.

**2nd Size Only:** Change to M colour inc. 1st. knit 2 rows. Change to C2 knit 3 rows, inc. 1st. knit 4 rows. Change to M colour knit 2 rows inc. 1st. on next & every 6th row. 3 times altogether, knit 1 row.

**3rd Size Only:** Knit 1 row. Change to M knit 2 rows. Change to C2 knit 2 rows inc. 1st. knit 5 rows. Change to M inc. 1st. in the next and every 5th row 4 times altogether. Knit 3 rows. \*

**All Sizes:** Knit 55 (57-59) rows.

**\*\* 1st Size Only:** Knit 1 row dec. 1 st. knit 6 rows, dec. 1 st. knit 5 rows. Change to C2 knit 1 row dec. 1st. knit 6 rows, dec. 1st. Change to M knit 2 rows. Change to C1 knit 3 rows, dec. 1st.

**2nd Size Only:** Knit 1 row dec. 1st. on next and every 6th row 3 times altogether. Knit 2 rows. Change to C2 knit 4 rows dec. 1st. knit 3 rows. Change to M knit 2 rows dec. 1st

**3rd Size Only:** Knit 3 rows dec. 1st. on next and every following 5th row 4 times altogether. Change to C2 knit 5 rows dec. 1st knit 2 rows. Change to M knit 2 rows. Change to C1 knit 1 row.

**All Sizes:** Change to C1. Knit 2 (4-2) rows, knit 1 (1-3) dec. 1st. knit 1 (2-1) row. Knit 3 rows dec. 1st. Change to M. Knit 6 rows, dec 1st knit 8 rows, Cast off 45 (48-51) sts. Knit 1 row. Dec. 2 sts. in the next and every following alternate row 4 times altogether. Knit 3 rows. Cast off, 68 (70-72) sts. loosely. \*\*

**FRONT:** Follow instruction for back from \* to \*. Knit 4 rows.

**SHAPE NECK AS FOLLOWS:** Cast off 11 (12-13) sts. knit 2 rows. Cast off 2 sts. in the next row and every following alt. row 3 times altogether, knit 3 rows. Cast off 2 sts. in the next and every following 4th row 3 times altogether, knit 2 rows, dec. 1st. knit 5 (7-9) rows. Inc. 1st. knit 2 rows. Cast on 2 sts. in the next and every following 4th row 3 times altogether. Knit 3 rows. Cast on 2 sts. in the next and every following alt. row 3 times

altogether. Knit 2 rows. Cast on 11 (12-13) sts. knit 4 rows. Repeat from \*\* to \*\* Cast off loosely.

**SLEEVES: (Both Alike).** With double bed cast on with 1 x 1 rib 53 (55-57) sts. on T3. Knit selvedge edge. Turn to T8 on MB and T6 on AB knit 16 rows. Transfer all sts. onto main bed R/C on "O" and T10.2. Inc. 1st. at each end of every 8 (7-7) row 16 (17-18) times. Knit to 132 (132-140 rows or length desired 85 (89) (93) sts.

**SHAPE TOP AS FOLLOWS: (All Sizes).** Cast off 3 sts. at beg. of next 4 rows, 2 sts. at beg. of next 10 rows, 1st. at beg. of next 32 (36-40) rows, 3 sts. at beg. of next 4 rows. Knit 1 row. Cast off remaining 9 (9-9) sts.

**WELT FOR FRONT & BACK OF JUMPER:** With wrong side facing pick up 131 (135-139) sts. along lower edge. Knit 1 row. Transfer every 2nd st. onto AB and with MB on T8. AB on T6 Knit 12 rows or rows required. Take off machine. Cast off loosely in Rib by hand.

**POLO COLLAR:** With wrong side facing pick up 126 (130-134) sts. Knit 1 row. Transfer every 2nd st. on to AB and with MB on T7 and AB on T5 knit 47 rows. Take off machine and cast off in rib by hand.

**TO MAKE UP:** Join shoulder seams, sew in sleeve, sew up sleeve and side seams. Join Polo collar and turn down, press lightly.

## MAN'S DOUBLE BREASTED CARDIGAN PATTERN NO. AU 308



**MATERIALS:** 16 (17) Balls 4 Ply, Patonyle Wool. 6 Buttons.

**TENSION:** T6. 8 sts. to 1". 10 rows to 1". **MEASUREMENTS:** To fit 38" (40") Chest. Length: Underarm to hip 16" (Adjustable) Sleeve length 18" (19")

**POCKETS: (2).** Using waste wool, cast on 36 (40) sts. T6, knit 2 rows. Join in main colour and knit 70 rows. Knit 2 rows of waste wool. Take off machine. **BACK:** Cast on

150 (158) sts. with waste & T6.2. Knit 3 rows. Join in Main Colour. Knit 1 row. Turn to T5. Knit 23 rows. Close hem, take out waste wool. R/C on "O" and T6. Knit 145 (145) rows.

**ARMHOLE SHAPING:** Cast off 9 (9) sts. at beg. of next 2 rows. R/C on "O". Dec. 1 st. each end of every 4th row for 32 (36) rows. Dec. 1 st. each end of every 2nd row till 34 (36) sts remain. 114 (122) rows. Cast off.

**LEFT SIDE:** Cast on 102 (106) sts. with waste wool & T6.2. Knit 3 rows. Join in Main Colour & knit 1 row. Turn to T5, knit 23 rows. Close hem, take out waste wool. R/C on "O" & T6. Knit 35 rows. Carriage at left.

**INSERT POCKET:** Leave 15 (16) sts. then transfer the 36 (40) sts. on waste wool, onto the next 36 (40) sts. on the machine. Take out waste wool, then manually knit these 36 (40) sts. with waste wool. Take up other end of pocket and transfer the 36 (40) sts. onto needles with waste wool. Knit to 106 rows. Dec. 1 st. at R/Hand side of machine every 4th row to 145 rows or length desired.

**ARMHOLE:** Cast off 9 (9) sts. at L/Hand side of machine at beg. of next 2 rows. R/C on "O". Dec. 1 st. at armhole edge every 4th row to 32 (36) rows. Dec. 1 st. at armhole edge every 2nd row to 114 (122) rows, at the same time at opposite edge, dec. 1 st. every 4th row. Cast off.

**RIGHT SIDE:** Knit to correspond with left side reversing shapings.

**SLEEVES (Both Alike):** Cast on 68 (76) sts. with waste wool and T5.2. Knit 3 rows. Join in Main Wool and knit 1 row. R/C on "O" and T4. Knit 25 rows. Close hem, take out waste wool. R/C on "O" and T6. Inc. 1 st. each end of every 10th row to 120 (130) rows, then inc. 1 st. each end of every 5th row to 170 (180) rows.

**ARMHOLE SHAPING:** Cast off 9 sts. at beg. of next 2 rows. R/C on "O". Dec. 1 st. each end of every 4th row for 54 (56) rows. Dec. 1 st. each end of every 2nd row till 11 (11) sts. remain. Cast off.

**FACING AROUND CARDIGAN EDGE:** Cast on 2 sts. with selvedge edge and T4. **1st Row.** Knit 1 row. **2nd Row.** Inc. 1 st. each end of next row.

Repeat 1st & 2nd row till 16 sts. are on machine. \*\* Dec. 1 st. at R/Hand side of machine and inc. 1 st. at L/Hand side of machine. Knit 2 rows. \*\* Repeat from \*\* to \*\* till edging fits around front edges and back neck of cardigan. Repeat 1st & 2nd row till 2 sts. remain. Cast off.

**POCKET TRIM:** Take out waste wool and place sts. on machine, 2 sts. on each needle. On T4, knit 10 rows. Cast off loosely.

**TO MAKE UP:** Join in raglan sleeves. Sew side and sleeve seams. Sew bias edging around cardigan edge, turn in and stitch down. Machine 6 button holes on L/Hand side of cardigan backed with Grosgrain ribbon. Sew on buttons backed with Grosgrain ribbon. Turn in 5 rows of Pocket and stitch down.

## LADIES CASUAL JACKET – PATTERN NO. 2



This Pattern is written for the 3 sizes shown below and includes an allowance for seaming and to wear above other garments. For the first size read the first figure, the second and third sizes follow in brackets; when only one figure appears this applies to all 3 sizes. **MATERIALS:** Sirdar Double Crepe. 30 (31) (32) ozs. 8 Metal Buttons. **TENSION:** 7 sts. per one square inch. 11 rows measured over Pattern Stitch. Test

on your Empisal Push Button Knitter at Tension Setting 10.

**MEASUREMENTS:** (in inches) To fit sizes 34 (36) (38) Length: 23 (24) (25). Sleeve Seam: 15½ (16) (16½).

### ABBREVIATIONS:

dec = decrease      st.st = stocking stitch  
inc = increase      p.st = pattern stitch  
st = stitch

**PATTERN STITCH: Empisal PB8 Models:** Holding Cam Levers both on 1. Both "Part" Pattern Selector Buttons In Press NSB 1,2,5,6. \*\*\* Slide Dial on 1. Press Needle Selector key before each row. Knit the row then turn the Slide Dial to 2 and continue thus until Slide Dial is on 5 and the row knitted. Then return the Slide Dial to read downwards until it reads 1 and the row is knitted. Knit 3 rows in st.st. Repeat from \*\*\*

**Empisal PB4 Models:** Holding Cam Levers both on 1. Both "Part" Pattern Selector buttons pressed In. Release the Needle Selector Buttons after each row. \*\*\* Press NSB 1 & 2 and "Set". Then knit the row - release NSB. Press NSB 2 & 3 and Set. Knit the row and release. Continue thus progressively, pressing NSB 3 & 4 then 4 & 1 then 1 & 2, after which reverse by pressing 4 & 1 then 4 & 3 then 3 & 2 then 2 & 1. Knit 3 rows in st. Repeat from \*\*\*

**Note:** [To avoid dropped stitches use only cast on combs to hold the fabric rigid, do not use weights. Work throughout in pattern stitch unless otherwise mentioned.]

The following are the Shaping Instructions:

**THE BACK: The Hem.**

1. Cast on open edge over 132 (140) (148) needles (sts) at a tension 2 points lower than main tension.
2. Knit in st.st 10 rows.
3. Reset the tension gauge to main tension and Row Counter on "O" and change to p.st.

**THE BODY:** 4. Knit in p.st 204 (210) (216) rows.

**SHAPING ARMHOLE:**

5. At the beginning of this and the next row cast off (7) (8) (8) sts.
6. At each end of every second row decrease 1 st. 6 (6) (7) times.
7. Knit in p.st. without shaping 102 (110) (118) rows. Row Counter reads 320 (334) (350).

**SHAPING SHOULDERS:**

8. Cast off 5 sts. at the beginning of the next 10 (14) (10) rows, then cast off 4 (0) (6) at the beginning of the next 4 (0) (4) rows.
9. Cast off remaining 40 (42) (44) sts.

**THE FRONTS: (2 panels alike, shaping reversed, buttonholes on the right side panel)**

**The Hem:** 1–3 Over 86 (94) (102) needles (sts) repeat steps 1–3 of the Back.

**THE BODY:**

4. Knit in p.st 190 (195) (197) rows. (On the right panel work the buttonholes in every 4th pattern block on the second stocking stitch row - Pattern Block = \*\*\* to \*\*\*) The Buttonholes are made on the 4th, 5th and 6th sts. from the centre front selvedge.

**SHAPING THE LAPEL LINE:**

5. At the centre front (neckline) edge dec. 1 st. and continue thus decreasing 1 st. every 3rd row until the commencement of the shoulder shaping – at the same time ...

6. ...at row 204 (210) (216) cast off at the sleeve edge 9 (10) (11) sts. then decrease at this edge 1 st. every second row 6 (6) (7) times; after which knit without shaping a further 102 (110) (118) rows.

**SHAPING SHOULDER:** 7. Without further decreasing at the neck edge, cast off at the shoulder edge 5 sts. every second row 5 (7) (5) times then cast off 4 (0) (6) sts 2 (0) (2) times.

**THE SLEEVES: 1–3 Over 60 (64) (68) needles (sts) repeat steps 1–3 of the back.** 4. Knit in p.st 30 rows. 5. On each end of this and every following 8th row increase 1 stitch altogether 22 (22) (23) times. 6. Knit without shaping 6 (12) (10) rows. Row Counter now reads 212 (218) (224) and there are 104 (108) (114) sts.

**SHAPING UPPER ARM:**

7. Cast off at the beginning of this and the following 3 rows 4 sts.
8. Decrease 1 stitch at each end of (a) every second row 6 (6) (7) times then (b) every fourth row 4 (5) (5) times then (c) every second row 21 (22) (24) times.
9. Cast off 2 sts. at the beginning of every row 3 (3) (2) times.
10. Cast off the remaining 14 (14) (18) sts.

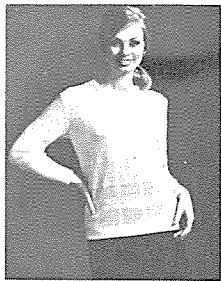
**THE COLLAR:** Cast on closed edge 90 (100) (110) sts. and starting in p.st on the 3rd row knit 48 (60) (60) rows. Cast off.

**LAPEL FACINGS: (2 alike shaping reversed).** Cast on

closed edge 3 sts. and starting the p.st on the 3rd row increase at one edge only 1 st. every 3rd row until row 102 (108) (114). Cast off.

**TO MAKE UP:** Block and press the corresponding parts. Join the fronts to the back at the shoulder seam. Sew up underarm seams. Sew up the sleeve seams. Set in the sleeves. Turn in and sew down the lower hem. Sew the lapel facings to the neckline. Sew on the collar. Knit the braid. (a) Cast on 8 sts. and knit in st.st or bias knitting sufficient braid to edge along the front and lapel edge, around the collar and down the opposite side. (b) Tack the braid into position. fold it in, then sew down to the edges. (alternately, crochet along the edges). Sew on the buttons. Press lightly along the seams.

#### BASKET STITCH JUMPER — PATTERN NO. 4



This Pattern is written for the 3 sizes shown below and includes an allowance for seaming. For the first size read the first figure, the second and third sizes follow in brackets. When only one figure appears this applies to all three sizes.

**MATERIALS:** Patons Blue Bell Crepe. 21 (22) (23) ozs. **TENSION:** 8 stitches to one square inch. 14 rows measured over pattern stitch. (Measure over at least 6 sq. inches to obtain the correct measurement)

Test on your Empisal Pushbutton Knitter at tension setting 8. **MEASUREMENTS:** (All sizes in inches) To fit sizes 36 (38) (40) inch bust. Length Back of Neck to Hem 23 (23½) (24) inches. Sleeve 17 (17½) (18) inches.

#### ABBREVIATIONS:

dec = decrease	p.st = pattern stitch
inc = increase	HCL = Holding Cam Lever/s
st = stitch	NSB = Needle Selector
st.st = stocking stitch	Button/s

**PATTERN STITCH:** When knitting Pattern Stitch use Weights. 1. On the 141 (151) (161) consecutive needles in working position transfer the stitches to the following needle setting:-

- a. Counting from the left keep the first two adjacent needles in B position.
  - b. Transfer the sts. and push back to A position every alternate needle until there are 13 (14) (15) needles in A position.
  - c. Keep the next 3 needles in B position.
  - d. Repeat steps b. and c. over the remaining needles ending with 2 needles in B position.
2. Set the controls:-
    - a. Press NSB 1-2-5-6.    b. HCL on 111.    c. Slide Dial on 1.
    3. a. Set and knit 3 rows.    f. Set and knit 3 rows.
    - b. HCL on 1                    g. HCL on 1.
    - c. Knit 1 row.                    h. Knit 1 row.
    - d. HCL on 111.                  j. HCL on 111
    - e. Slide Dial on 3.              k. Slide Dial on 1.
  4. a. Repeat steps 3a to k. a further 3 times.
    - b. Repeat steps 3a to g. once
    - c. Bring all intermediate needles into action.
    - d. Knit 1 row.    e. HCL on 1.    f. Slide Dial on 1.
  5. Knit 6 rows in st.st on all needles to complete the full pattern (46 rows) 6. Repeat from step 3a.
- BACK AND FRONT ALIKE:** 1. Cast on open edge using waste yarn, 141 (151) (161) sts and knit several rows. 2.

Change to Main Yarn and on a tension 3 full numbers tighter than main tension, knit 30 rows for the hem. Do not turn up the hem. 3. Change to selected tension for p.st and set row counter to O. 4. Set the needles for pattern stitch and transfer the sts accordingly. 5. Knit in p.st without shaping - 200 rows.

**SHAPING THE ARMHOLE:** 6. Reset the row counter to O. 7. At the beginning of the next 2 rows cast off 4 (5) (6) sts (including out of action needles). **Note:** [After each decrease bring into action the intermediate needle nearest the selvedge so that there are always not less than 2 needles in action at the selvedge after each decrease.] 8. Dec. 1 st. at each edge of this and every alternate row altogether 8 times. 9. Knit without shaping until row counter reads 70 rows. Then shape the neck.

**SHAPING THE NECK:** 10. Cast off the central 27 (35) (43) sts and work on the 45 sts. nearest the carriage. 11. Dec. at neck edge 1 stitch then knit 2 rows altogether 15 times. 12. Knit without shaping until row counter reads 110 (116) (124) rows.

**SHOULDER SHAPING:** 13. Cast off at armhole edge 5 sts on this and every alternate row 6 times. 14. Repeat steps 11-13 for the opposite side.

**SLEEVES:** 1-4. Cast on 70 (74) (78) sts and repeat steps 1-4 of the Back. **Note:** [Set the first block of the pattern on the central needles, then work outwards setting the needles according to the pattern.] 5. Knit in p.st; increase 1 st. at each edge every 9th row altogether 25 times keeping up the pattern setting. Row counter reads 225 and there are now 120 (124) (128) sts. 6. Knit without shaping 5 (10) (15) rows.

**SHAPING THE UPPER SLEEVE:** 7. Reset row counter to O. 8. Cast off 4 (5) (6) sts at the beginning of the next 2 rows. 9. Dec. 1 st. at each edge every 4th row 2 (3) (4) times. 10. Dec. 1 st. at each edge every alternate row 37 times. There are now 84 (88) (92) rows. Cast off remaining 34 stitches.

**TO MAKE UP:** Join one shoulder seam. Pick up onto the needles 140 (144) (148) sts. evenly around the neck wrong side facing you. Knit 20 rows in st.st. Knit a few rows in waste yarn and take off. Join the other shoulder seam. Fold the neckband over to the right side and graft it through the open loops. Set in the sleeves. Join sleeve and underarm seams. Fold inwards the lower hems of front, back and sleeves and sew down. Press lightly along seams.

#### LADIES SHAWL COLLAR CARDIGAN PATTERN NO. WM 502



This Pattern is written for the 6 sizes shown below and includes an allowance for seaming. **TENSION** To achieve the correct measurements it is essential to match these stitch sizes: **Pattern Stitch:** 20 stitches. 50 rows to three sq. inches of pattern. stitch. Test on your Push Button Knitter at tension 6. **Stocking Stitch:** 15 stitches, 22 rows to two sq. inches of stocking stitch. Test on your Push Button

Knitter at Tension 6. **ABBREVIATIONS:** dec = decrease inc = increase. st = stitch. st.st = stocking stitch. p.st. = pattern stitch. (A) = adjust here if necessary.



**MEASUREMENTS: (All figures in inches)**

Sizes:	32	34	36	38	40	42
Garment measures	34	36	38	40	42	44
To fit chest measurements	32	34	36	38	40	42
Length (centre back to hem)	22½	22½	23	23½	24	24
Sleeve seam (inside arm)	16½	16½	17	17½	18	18½
Underarm to hem	12	12	12½	12½	13	13

**Size Adjustments:** To vary the above measurements increase or decrease 16 rows for every inch of length, or 7 stitches for every inch of width to be adjusted - make the adjustments where marked (A).

**MATERIALS:** Patons Patonyle

Sizes	32	34	36	38	40	42
Ozs.	24	25	26	27	28	29
Buttons	4	4	4	4	4	4

**PATTERN STITCH:** (Start with carriage on right hand side)

**PB8 Models:** Right tuck button in. Holding Cam Levers: Left on 111. Right on 1. Press Needle Selector Buttons 1, 2, 5 & 6. (a) Slide dial on 1 and set. (b) Knit 2 rows. (c) Slide dial on 3 and set. (d) Knit 2 rows. Repeat steps (a) (b) (c) and (d) for length of pattern.

**PB4 Models:** Right tuck button in. Holding Cam Levers: Left on 111. Right on 1. (a) Press Needle Selector Buttons 1 & 2 and set. (b) Knit 2 rows. (c) Release Needle Selector Buttons 1 & 2 and press Needle Selector Buttons 3 & 4 and set. (d) Knit 2 rows. Repeat steps (a), (b), (c) and (d) for length of pattern. **Note:** [Weights will assist to prevent dropped stitches.]

**BACK:**

**THE HEM:** 1. Using waste yarn cast on at a loose tension 116 (122, 128, 136, 142, 148) sts. 2. Knit 6 (6, 6, 6, 6, 6) rows. 3. Change to main yarn. 4. Set tension gauge for st.st and Row Counter at O. 5. Knit 24 (24, 24, 24, 24, 24) rows (if carriage ends on left hand side, knit 1 more row). 6. Close the hem by picking up the first row of loops onto the needles (do not knit across until first row of pattern stitch - step 8.) 7. (a) Reset tension for pattern stitch. (b) Reset Row Counter at O. (c) Set all controls for pattern stitch. 8. Knit without shaping 200 (200, 200, 208, 208, 208) rows. (A).

**RAGLAN SHAPING:** Decrease on the 3rd stitch: To do this: After "setting" the needles (by Pressing the needle selector button) return the 4 needles at each edge to position B; use a 3 needle transfer handle and pick up the three end sts - move these inwards by 1 needle: thus the 1st needle is empty. the 2nd and 3rd needles each have 1 stitch and the 4th needle holds 2 stitches. Place the empty needle out of action. Decreasing in this way leaves a plain border at each edge for sewing up. 9. Leave all controls and tension gauge set for pattern stitch. Set Row Counter at O. 10 (a) Decrease one stitch at each end of this and every following 4th row altogether 41 (43, 41, 38, 40, 38) times. Row Counter now reads 164 (172, 164, 152, 160, 152) and there remain 34 (36, 46, 60, 62, 72) sts. (b) Decrease 1 st. at each end. (c) Knit 3 (3,3,3,3,3) rows. (d) Decrease 1 st. at each end of this and every following 2nd row altogether 0 (0, 4, 10, 10, 14) times. Row Counter now reads 167 (175, 175, 175, 183, 183). 11. Cast off remaining 32 (34, 36, 38, 40, 42) sts.

**FRONTS:** (Two panels alike - shaping reversed)

1-8. Over 58 (61, 64, 68, 71, 74) sts. (needles) repeat steps 1-8 of Back.

**Raglan Edge (RE) and Centre Front (CF) Shaping:** Continuing in pattern stitch and decreasing as for Back shape RE and CF edges at the same time as follows:-

9. (a) Dec at CF one stitch on this and every following 10 (10, 9, 9, 9, 8th) row altogether 16 (17, 18, 19, 20, 21) times.
- (b) (i) Dec at RE one stitch on this and every following fourth row altogether 40 (42, 40, 37, 39, 37) times.

(II) Dec at RE one stitch on this and every following second row altogether 0 (0, 4, 10, 10, 14) times

Row Counter will now read 150 (168, 168, 168, 176, 176) and there are 2 (2, 2, 2, 2, 2) sts. which must be fastened off.

**FRONT BAND AND COLLAR (Double):** Buttonholes are knitted in pairs on needles 7, 8, 9 and 10 counting from each selvedge stitch (eight sts between each pair):

- 1st Buttonhole at row 6 (6, 6, 6, 6, 6);
- 2nd Buttonhole at row 39 (39, 40, 41, 42, 42);
- 3rd Buttonhole at row 72 (72, 74, 76, 78, 78);
- 4th Buttonhole at row 105 (105, 108, 111, 114, 114).
1. Cast on closed edge at st.st. tension 28 (28, 28, 28, 28, 28) sts. 2. Knit (include buttonholes where required) 145 (145, 147, 149, 151, 151) rows.
3. (a) Increase 1 st. at each edge of this row and every following 3rd row - altogether 33 (33, 33, 33, 33, 33) times
- (b) Knit 1 (1, 1, 1, 1, 1) rows.
- Row Counter now reads 245 (245, 247, 249, 251, 251) and there are 78, (78, 78, 78, 78, 78) sts.
- (c) Mark each edge of this last row with a contrast coloured thread.
4. (a) Knit without shaping until row counter reads 313 (315, 319, 323, 327, 329).
- (b) Mark each edge of this last row with a contrast coloured thread.
5. (a) Dec 1 st. at each edge of this and every following 3rd row - altogether 33 (33, 33, 33, 33, 33) times.
- (b) Knit 1 (1, 1, 1, 1, 1) rows
- There now remain 28 (28, 28, 28, 28, 28) sts.
6. Knit without shaping (nor making buttonholes 145 (145, 147, 149, 151, 151) rows
- Row Counter now reads 558 (560, 566, 572, 578, 580).

**Cast off.**

**SLEEVES: (Both Alike) 1-7.** Over 52 (54, 56, 58, 60, 62) needles (stitches) repeat steps 1-7 of Back. 8. Increase one st at each end of this row and every following 15 (14, 12, 12, 12, 11th row) altogether 18 (20, 22, 23, 24, 26) times. There are now 88 (94, 100, 104, 108, 114) sts. 9. Knit without shaping 5 (3, 19, 7, 4, 6) rows. Row counter reads: 275 (283, 283, 283, 292, 292) rows.

**RAGLAN SHAPING: 10.** Set Row Counter at O.

11. (a) Decrease one stitch at each end of this row and every following fifth row altogether 23 (23, 11, 7, 7, 0) times.
- (b) Decrease one stitch at each end of this row then every following fourth row altogether 13 (15, 30, 35, 37, 45) times.
- (c) Decrease one stitch at each end of this row and knit 0 (0, 0, 0, 0, 1) rows.

There will now be 167 (175, 175, 183, 183, 183) rows. Cast off remaining 16 (18, 18, 20, 20, 22) sts.

**TO MAKE UP:** Block and press each panel to match, with a steam iron or hot iron on a damp cloth. Join sleeves to fronts and back at raglan shaping. Join side seams and

underarm seams. Fold collar band lengthwise and tack into position, matching coloured threads to each other at the top of the sleeves, making sure that buttonholes are on the right front. Back stitch along edge. Neaten buttonholes. Sew buttons in position. Press along seams.

**MAN'S V-NECK LONG SLEEVE PULLOVER**  
PATTERN NO. WM 504



This Pattern is written for the sizes shown below and includes an allowance for seams. Wherever asterisks (\*\*\*) appear in the instructions, substitute the figures from the appropriate size column.

**TENSION:** To achieve the correct measurements, it is essential to match these stitch sizes:- 14 stitches to two square inches. 18 rows measured over stocking stitch.

Test on your Push Button Knitter at tension setting 8. Test on your Instant Knitter with gauges reading 1-5 at tension setting 4:- with gauges reading 0-12 at tension setting 7:- with gauges reading 2-12 at tension setting 8½.

**MEASUREMENTS: (All figures in inches)**

	Sizes:	34	36	38	40	42	44
Garment measures		36	38	40	42	44	46
To fit chest measurements		34½	36/7	38/9	40/1	42/3	44/5
Length (centre back)		23½	24½	25½	26	27	27½
Sleeve seam (inside arm)		16	16½	17	17½	18	18

**ADJUSTMENTS:** To vary the above measurements increase or decrease 9 rows for every inch of length to be adjusted - make the adjustments where marked (A).

**MATERIALS:** Patons Blue Bell Crepe.

	Size:	34	36	38	40	42	44
Ozs.		19	20	21	22	23	24

**ABBREVIATIONS:**

- dec = decrease
- st = stitch
- p.st = pattern stitch
- inc = increase
- st.st = stocking stitch
- (A) = adjust here if necessary.

**PATTERN STITCH:** The front cable pattern is worked over the central 25 needles. When closing the hem leave out of action the 1st, 9th, 17th and 25th of these needles. Three sets of cables are then formed on the groups of needles between the out of action needles:- After the hem knit five rows, work a cable on the central group of 7 needles, then knit five rows and work cables on the two outer groups; continue thus, cabling alternately every fifth row. To cable:- In each group of 7 stitches remove onto separate 3-needle transfer handles stitches 1, 2 & 3, then 5, 6 & 7. Cross them over onto needles 5, 6, 7 and 1, 2, 3 respectively. the central stitch (No. 4) is not moved. Instructions are given in the pattern how to take the cables up the sides of the V-neck.

**WELTS:** Knit all hems and the V-neck band on a firm tension setting several points tighter than stated above.

**BACK:**

Sizes:-	34	36	38	40	42	44
---------	----	----	----	----	----	----

  
Row Counter at 0, tension gauge set for welt.

1. Cast on for hem in continental rib:-
 

a. Raise into action *** needles	127	133	141	147	153	161
b. Place every alternate needle out of action. c. Cast on open edge.						
2. Knit \*\*\* rows (For Hem) 

40	40	40	40	40	40
----	----	----	----	----	----
3. Bring into action the intermediate needles and close the hem by raising the first row of loops onto the empty needles.
4. Reset Row Counter at 0 and tension dial at main tension.
5. Knit without shaping \*\*\* rows (A) 110 115 115 120 125 125
6. Reset Row Counter at 0.

**SHAPE RAGLAN EDGE:**

7. a. At the commencement of this the next row cast of \*\*\* sts 

4	4	4	4	4	4
---	---	---	---	---	---
- b. then decrease one stitch each end of every second row until there are \*\*\* rows 

86	90	96	100	106	110
----	----	----	-----	-----	-----

 and \*\*\* sts 

35	37	39	41	41	45
----	----	----	----	----	----
8. Cast off loosely or transfer to waste yarn.

**FRONT:**

- Sizes: 

34	36	38	40	42	44
----	----	----	----	----	----
- 1-4 Repeat steps 1-4 of Back.
  5. Reset the needles for the centre cable panel as explained in the headings (see "Pattern Stitch").
  6. Knit, whilst patterning the front cable panel \*\*\* rows (A) 

110	115	115	120	125	125
-----	-----	-----	-----	-----	-----
  7. Reset Row Counter at 0.

**SHAPE V-NECK & RAGLAN EDGE: (See Special Note)**

- 8 (a) Divide for V-Neck by transferring the stitch off the central needle (No. 13 of the cable pattern panel) to an adjacent needle and place the empty needle out of action.
- b. On the side furthest from the carriage transfer to a stitch-holder the \*\*\* sts (from centre to edge) 

63	66	70	73	77	80
----	----	----	----	----	----

On the remaining stitches work Raglan and Neck shapings at the same time:-

**AT RAGLAN EDGE:**

9. (i) a. Cast off \*\*\* sts 

4	4	4	4	4	4
---	---	---	---	---	---
- b. Then decrease one stitch at this edge every second row until one stitch remains.

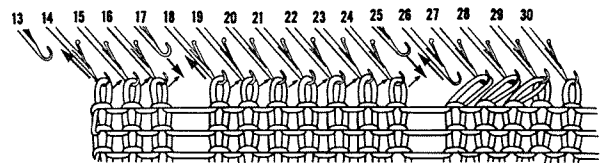
**AT NECK EDGE: (See Special Note)**

- (ii) a. Decrease one stitch every following fourth row altogether \*\*\* times 

15	16	17	18	19	20
----	----	----	----	----	----
- b. Then knit straight at this edge while still decreasing at the raglan edge until row \*\*\* 

86	90	96	100	106	110
----	----	----	-----	-----	-----

**Note:** When the decreasing meets the empty needle bring it into action and transfer the stitch to that needle). **10.** Cast off remaining stitch. **11.** Replace onto the needles the sts from the stitch-holder (step 8b) and repeat steps 9 & 10, for opposite side. **Special Note:** To decrease for front opening whilst continuing the cable at the sides of the V-Neck - use 3 needle transfer handle. 1. Counting outwards from the central (now out of action) needle No. 13 (see diagram) transfer sts 26, 27 and 28 onto needles 27, 28 and 29 respectively.



Thus the decrease takes place on needle 29 which will have 2 sts.

2. Place needle 26 out of action and bring into action needle 25. 3. Transfer the next group of 7 "cabling" needles outwards onto and towards previously empty needle 25. 4. Place empty needle 18 out of action and bring into action needle 17. 5. Transfer sts 14, 15 and 16 onto needles 15, 16 and 17 respectively. 6. Place empty needle 14 out of action.

**SLEEVES:**

	Sizes:	34	36	38	40	42	44
Row Counter on 0.							

- 1-4 Over \*\*\* sts (needles) repeat 

65	69	75	79	83	85
----	----	----	----	----	----

 steps 1-4 of Back.
5. Set needles for the sleeve cable which is worked on the central 9 needles. Needles 1 & 9 are placed out of action and the cable is crossed over every 10th row.
6. Increasing one st each edge every sixth row knit until there are \*\*\* sts 

103	109	115	121	127	129
-----	-----	-----	-----	-----	-----

 and \*\*\* rows 

120	126	126	132	138	138
-----	-----	-----	-----	-----	-----
7. Knit without shaping until \*\*\* rows (A) 

126	130	134	138	142	144
-----	-----	-----	-----	-----	-----

*+  
8 Rows for Hem.*

**SHAPE RAGLAN EDGE**

8. a. Set Row Counter on 0. b. At the commencement of this and the next row cast off 4 sts.  
 c. Knit \*\*\* rows 2 2 2 2 2 2  
 d. Decrease one at each end of this and every fourth row until there are altogether \*\*\* rows and \*\*\* sts 12 12 16 12 16 16  
 91 97 101 109 113 115  
 e. Then decrease one st each edge of every second row until there are \*\*\* rows and \*\*\* sts 86 90 96 100 106 110  
 17 19 21 21 23 23  
 9. Cast off loosely or transfer to waste yarn.  
**THE NECK BANDS: (Two alike, shaping reversed)**  
 Row Counter at 0, tension gauge set for welt.  
 1. a. Raise into action \*\*\* needles 125 131 137 141 145 151

- b. Place every alternate needle out of action.  
 c. Cast on open edge.

2. At the beginning of every second row decrease one stitch whilst knitting plain to row 12. 3. At the beginning of every second row increase one stitch whilst knitting plain to row 24. 4. Bring into action intermediate needles. Close the hem onto the empty needles. 5. Knit 1 row. 6. Transfer to waste yarn.

**TO MAKE UP:** 1. Shape and Press all panels on the wrong side under a damp cloth. 2. Join all seams. 3. Join the neckbands at the straight edge and tack into position at the centre back. 4. Tack the band around the neck towards the V-point. 5. Remove the waste yarn carefully from the neckband and back stitch into position through the open loops. 6. Join the band at the V-point. 7. Press all seams.

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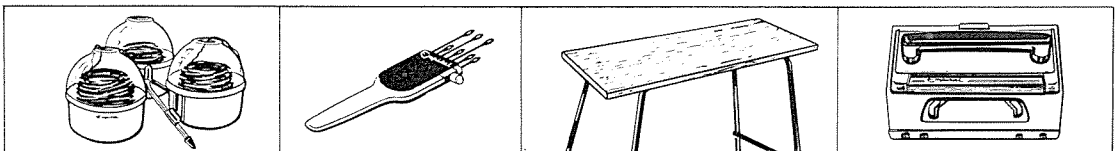
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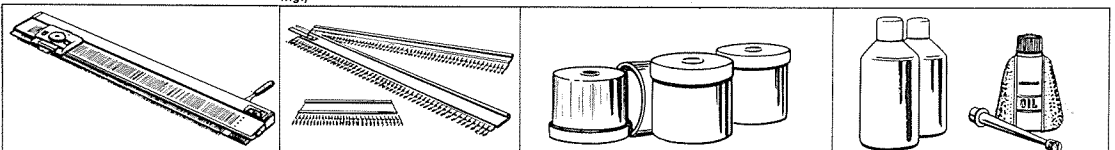


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