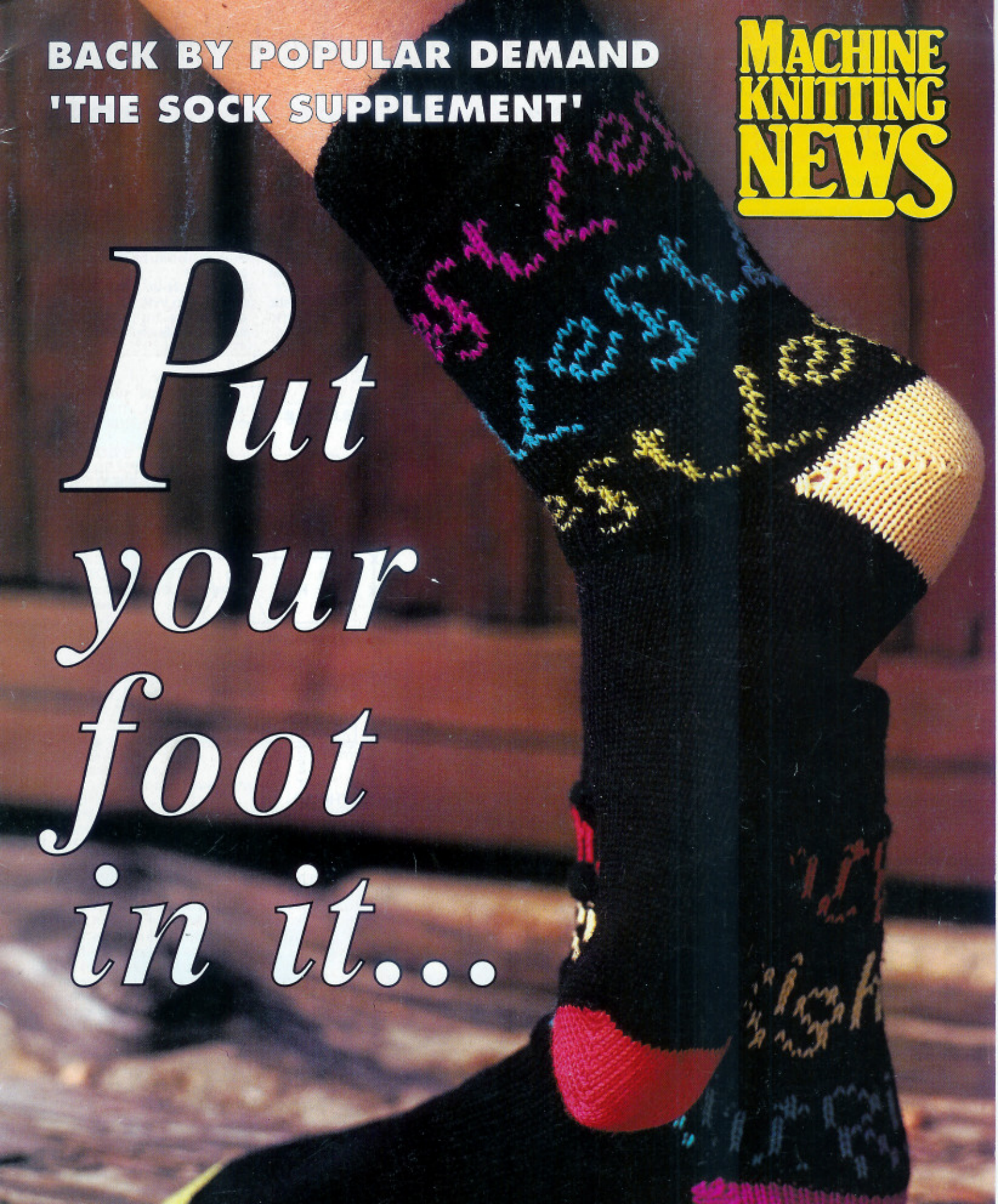


BACK BY POPULAR DEMAND
'THE SOCK SUPPLEMENT'

**MACHINE
KNITTING
NEWS**

*Put
your
foot
in it...*



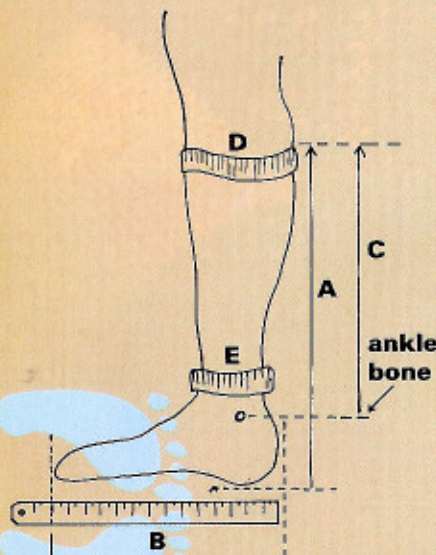
Due to popular demand the issue that carried the original sock supplement in 1992 is now out of stock. We are delighted to be able to reprint and give you this extra, FREE supplement with the April 1994 issue. We explain how to draft a pattern using your own individual measurements — you choose the style, yarn and stitch texture. The socks are extremely quick and easy to knit and make ideal gifts. Naturally, we couldn't resist suggesting a few ways of adding colour and texture to the basic sock pattern. We hope you enjoy using these ideas as much as we have enjoyed putting them together.

Jackie

DRAFTING YOUR OWN PATTERN

Take the full measurements as shown in Diagram 1:
 A= Required length to top of sock.
 B= Length of foot.
 C= Ankle to top of sock.
 D= Width around leg.
 E= Width around ankle.

DIAGRAM 1



CALCULATING MEASUREMENTS

If you are going to use Method A for socks, add measurements to Chart A. If you are going to use Method B for socks, add measurements to Chart B. (See instructions for Method A and B opposite). Add 1 or 2cm to B, 1 or 2cm to E and 2 to 5cm to D according to thickness and purpose of socks. Divide B by 3: $\frac{1}{3}$ = foot (F) and $\frac{2}{3}$ = half of heel or half of toe depth (G). J = approx $\frac{1}{2}$ of E. This will vary depending on final number of rows required to create correct depth of heel/toe. Add half of heel (G) to C. This should equal A. Adjust C if necessary. Ankle socks: Divide C by 2, $\frac{1}{2}$ = leg (H) and $\frac{1}{2}$ = cuff (I). Long socks: Divide C by 3, $\frac{2}{3}$ = leg (H) and $\frac{1}{3}$ = cuff (I). (If folded cuff, times this by 2, 3 or 4 depending on style.) These proportions of leg to cuff are for guidance only and are variable depending on style you require.

TENSION

Knit tension swatches for stocking stitch, rib and any

other stitch patterns to be used. Wash, block and press as necessary. Measure stitches and rows to 10cm. Calculate the number of stitches and rows required for each measurement on the chart. Work out the total number of rows required to turn heel or toe. This number must be divisible by 4. Adjust by adding rows not subtracting. Calculate the total number of rows for B, deduct $\frac{1}{2}$ heel and $\frac{1}{2}$ toe rows and this will give correct foot (F) row count. When reducing the number of stitches for ankle, divide the decreases equally along leg depth for ankle socks but start decreasing half way down the leg for long socks.

NOTE

If there is a larger difference between the number of rows per centimetre for stocking stitch and any other stitch pattern, then Method B must be used to give correct sizing (i.e. instep and sole sections of foot knitted separately). Also, machines without the facility to place single motifs in any position will have to use Method B if a patterned instep is required.

ABBREVIATIONS

See page 113 in main magazine.

METHODS FOR KNITTING SOCKS PLEASE READ BOTH METHODS CAREFULLY BEFORE COMMENCING

METHOD A (KNITTED TOP TO TOE)

Suitable for machines with facility to place single motif at any position along needlebed (if required). Knit right and left socks.

MACHINES WITH RIBBER

Cast on and knit cuff ending CAR. K1 row using rib tension plus 3. Transfer sts to MB. Set machine for patt if required. Using MT, K1 row.

MACHINES WITHOUT RIBBER

Cast on using WY. Using MT-3, work in mock rib or st st for twice the required length. CAL. Pick up loops from first row and hang on to Ns to form hem. Set machine for patt if required. Using MT, K1 row.

ALL MACHINES

Set RC at 000. Knit leg, dec as required and ending with

an odd number of sts. CAR. (K1 extra row for right sock).

HEEL

* Reduce tension by 2 dots. A polyester sewing thread can be added at this stage to strengthen heel fabric. Set carriage to hold.

LEFT SOCK: Push instep sts, (i.e. half leg plus 1) at left to HP.

Push 1 N at carriage side to HP, K1 row, for required number of rows. Wrap first instep N on first row only. Weight centre section of heel to ensure all sts knit correctly. Return 1 N at same side as carriage to WP, K1 row, until all heel sts are in WP. Wrap first instep N on last row.

CHART A — METHOD A

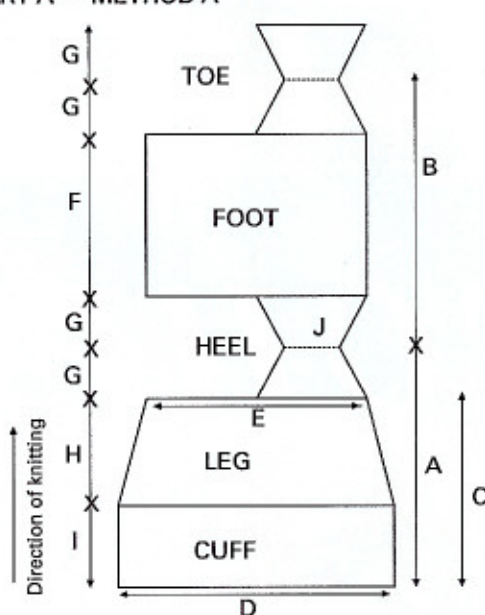
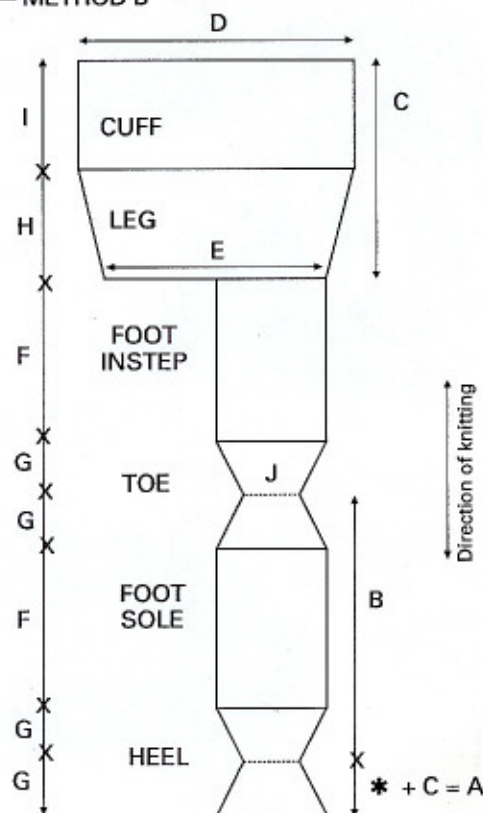


CHART B — METHOD B



Cancel hold. (If patt dictates 2 Ns to HP per row, then push 1 N at each end to HP, K1 row or return 1 N at each end to HP, K1 row.)

Remove polyester sewing thread. Cont over all sts*. Using MT, set machine for patt over instep sts at left and knit foot.

TOE

Rep from * to *.

K1 row with a smooth contrast yarn.

Using WY, K several rows and release from machine.

Graft toe to instep sts. Knit right sock, reversing shapings.

Join leg seam and cont along foot by picking up the very edge loops and catching in any 'carried' yarns from stripes etc. Join cuff seam, reversing half way if cuff is to be folded over.

METHOD B

(CAN BE KNITTED FROM TOP TO TOE OR FROM HEEL AROUND FOOT AND UP TO TOP)

Suitable for all machines with single motif facility (if required).

TOP TO TOE METHOD

Follow instructions for Method A to heel.

Using a smooth contrast yarn, K1 row over heel sts and then release on WY. Working on instep sts only, cont in patt. Knit foot.

Dec 1 st at left. Knit toe as Method A. Knit sole and turn heel as Method A.

Using a smooth contrast yarn, K1 row. Release on WY.

Knit right sock, reversing shapings.

Graft heel sts to leg. Join seams as given for Method A.

HEEL TO TOP METHOD

LEFT SOCK: Using WY, cast on heel sts at the left of centre '0' and K a few rows. K1 row with main yarn.

Turn heel as Method A. Knit sole and then knit toe as Method A. Inc 1 st at left.

Set machine for patt and knit instep.

Pick up sts held on WY and hang on to Ns at right of centre '0'. Ensure foot section is not twisted.

Cont in patt, inc to top of leg as necessary. Complete leg.

Using MT-3, knit either mock rib or true rib cuff. Cast off loosely.

Knit right sock starting with heel sts at right of centre '0'.

These methods, as well as being very easy to knit, are extremely versatile and may be applied to any machine and combine a variety of yarns and stitch patterns. Here are fifteen ideas, illustrating how these sock patterns can be used to create the most delicate of baby socks or even tough

hardwearing hiking socks for men!

All were knitted on a standard gauge machine with a flexible motif facility and ribber and use Method A, working from top downwards. For full explanations of the diagrammatical instructions see page 113 in main magazine. The lace patterns given are suitable for Brother machines. If you have a different make, the stitch patterns must be adapted accordingly.

We used 3/14s Cotton double and singly as given in instructions, and Many A Mickle 4 ply Machine Washable Wool.

TENSIONS

Wash, dry and press tension

swatches before measuring.

3/14s COTTON USED DOUBLE

32 sts and 43 rows to 10cm measured over st st (tension dial approx 6).

31 sts and 38 rows to 10cm measured over Fair Isle patts (tension dial approx 7).

30 sts and 43 rows to 10cm measured over lace patts (tension dial approx 6).

43 rows to 10cm measured over rib (tension dial approx MT-3).

Picot and Fair Isle hems (tension dial approx 4).

3/14s COTTON USED SINGLY

37 sts and 50 rows to 10cm measured over st st (tension dial approx 3).

34 sts and 50 rows to 10cm

measured over lace patts (tension dial approx 3).

43 rows to 10cm measured over rib (tension dial approx MT-3).

4 PLY WOOL

Wash, dry and press tension swatches before measuring.

29 sts and 40 rows to 10cm measured over st st (tension dial approx 7).

29 sts and 40 rows to 10cm measured over garter st patt (tension dial approx 6).

40 rows to 10cm measured over rib (tension dial approx T3/T3 for 1x1 rib, T2/T2 for 2x2 rib and T6/T6 for 4x4 rib).

LININGS FOR FAIR ISLE SECTIONS

If floats are too long or will catch easily, knit linings before commencing socks as follows:

Use one strand of fine acrylic or silky yarn and same number of sts and tension as Fair Isle sections. Shape where necessary. Knit same number of rows plus 1. Cast on and off in WY.

When knitting sock, attach lining by hanging on to Ns on patt selection row and then on first plain row after Fair Isle section.

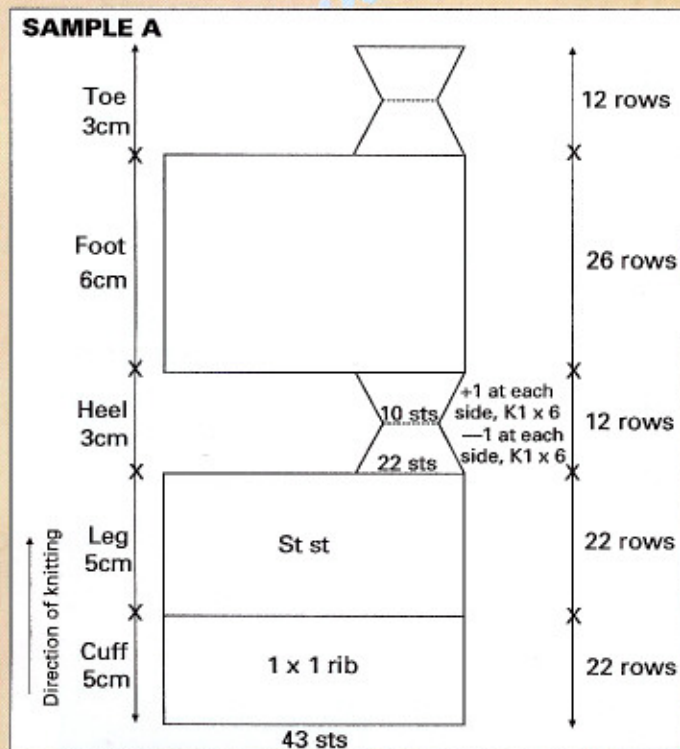
Join sock and lining seams separately. Single motifs can also be lined in this way if necessary. Use the same number of sts as motif plus 2. Catch along sides when finished.

PATTERN NOTE

Fill in electronic sheets or punch cards. Rep the patt as necessary to enable cards to be fastened and rotate.

EYELET HOLES

Worked over 1x1 rib. Working from the centre st outwards, transfer alt sts to next N in WP on RB. Bring empty Ns to HP. Do not set carriage to hold. Cont in rib.



SAMPLE A — BABY'S STRIPED SOCKS

YARN: 3/14s Cotton used double throughout. Approx 20g in White and 20g in Navy.

MEASUREMENTS: A = 9cm with top folded over, B = 9cm, C = 7.5cm with top folded over, D = 14cm, E = 14cm.

KNITTING NOTES: Work cuff in 1x1 rib using White. Stripe sequence is 6 rows White, 6 rows Navy. Work heel sections in Navy and toe sections in White.

SAMPLE A — BABY'S STRIPED SOCKS

SAMPLE B — BABY'S LACY SOCKS

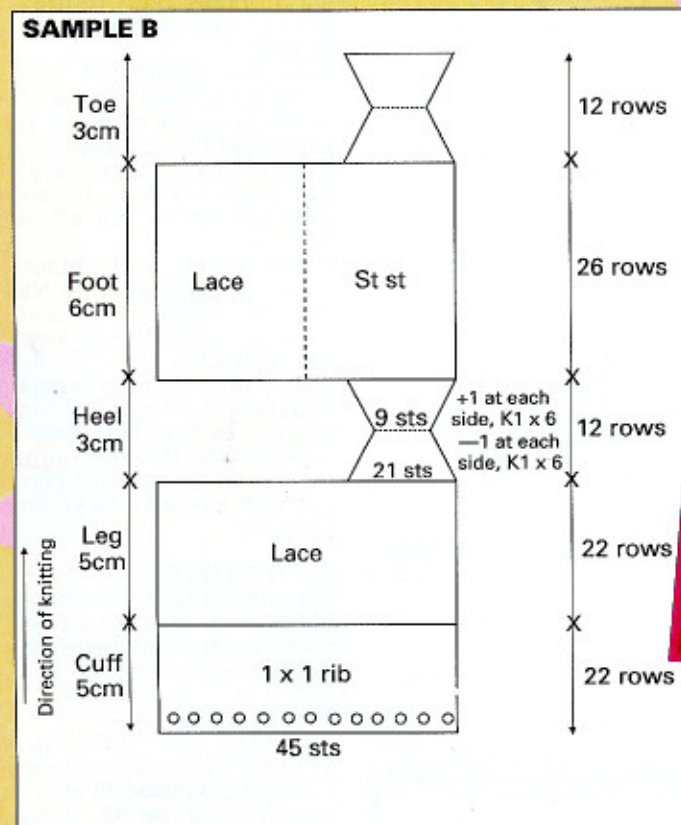
YARN: 3/14s Cotton used double throughout. Approx 20g in White.

MEASUREMENTS: As given for Sample A.

KNITTING NOTES: Cuff in 1x1 rib, working eyelets as given in note when RC shows 6.

Use lace patt 1 for leg and instep sections. Work heel, sole and toe sections in st st.

TO COMPLETE: Work crochet trim or attach narrow lace to edge of cuff. Thread ribbon through eyelets. Decorate with small roses.

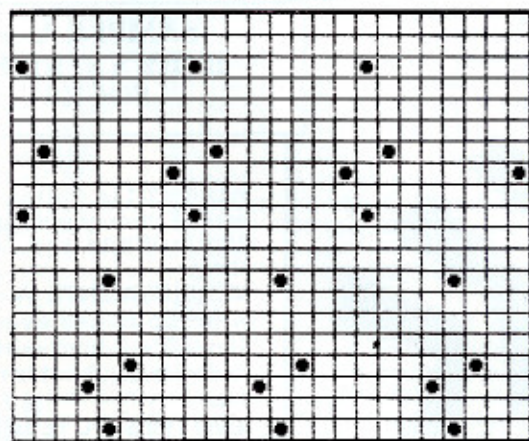


SAMPLE B —
BABY'S LACY
SOCKS



LACE PATTERN 1

PUNCHCARD



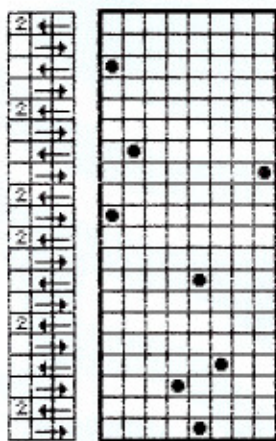
24 sts x 20 rows

Adapted from *Stitchworld* patt 106. Reproduced courtesy of Brother.

2 = 2 rows main carriage

→ = direction of lace carriage

MYLAR SHEET



8 sts x 20 rows

SAMPLE C — BABY'S LACY SOCKS

YARN: 3/14s Soft Cotton used singly throughout. Approx 30g in White.

MEASUREMENTS: As given for Sample A.

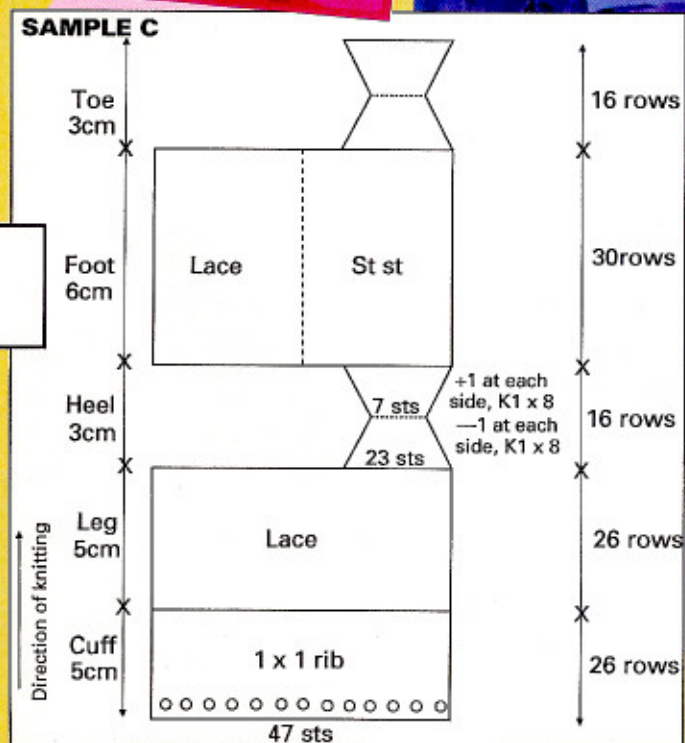
KNITTING NOTES: Cuff in 1x1 rib, working eyelets as given in note when RC shows 6.

Use lace patt 1 for leg and instep sections (See Sample B). Work heel, sole and toe sections in st st.

TO COMPLETE: Work as given for Sample B.



SAMPLE C —
BABY'S LACY
SOCKS





SAMPLE D — GIRL'S SOCKS WITH FAIR ISLE BORDER

SAMPLE D — GIRL'S SOCKS WITH FAIR ISLE BORDER

YARN: 3/14s Soft Cotton used double throughout. Approx 60g in White and oddments in Lemon and Green.

MEASUREMENTS: A = 16.5cm, B = 15cm, C = 14cm, D = 18cm, E = 18cm.

KNITTING NOTES: Use Fair Isle patt 3 and lace patt 2.

Picot hem: Cast on in WY over Ns on MB. White, MT-2, K16 rows.

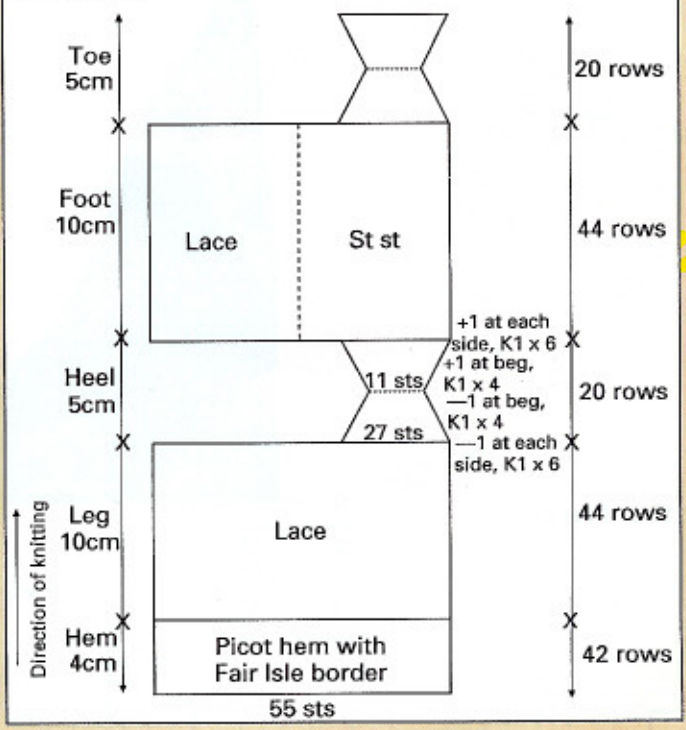
* Transfer every alt st on to

adjacent N. Leave empty Ns in WP*. K4 rows.

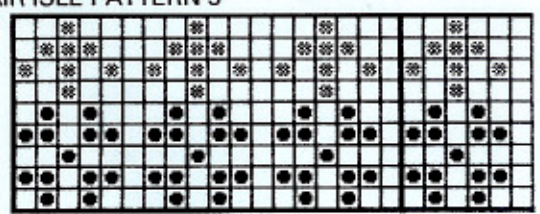
Rep from * to *, K4 rows. Rep from * to *, K3 rows. K1 row to select first row of Fair Isle patt. Set carriage for Fair Isle knitting. White + Lemon, K5 rows. White + Green, K4 rows. Set machine for st st. White, K5 rows. Pick up loops from first row and hang on to corresponding Ns. Cont using MT. Work leg and instep sections in lace patt and heel, sole and toe sections in st st.

TO COMPLETE: Thread narrow ribbon through eyelets.

SAMPLE D



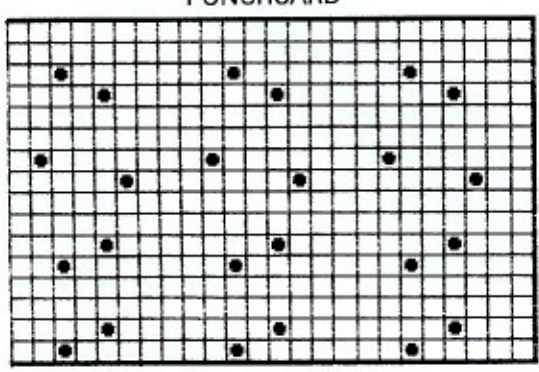
FAIR ISLE PATTERN 3



24 sts x 9 rows

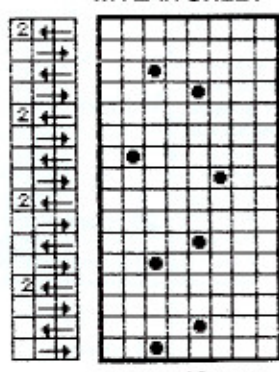
LACE PATTERN 2

PUNCHCARD



24 sts x 16 rows

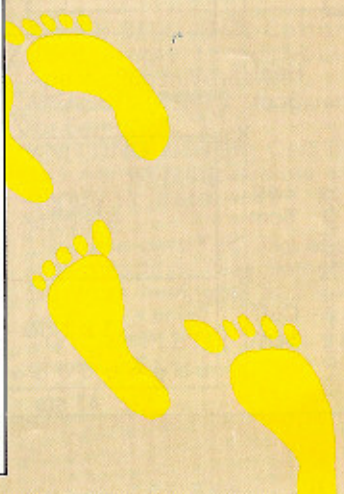
MYLAR SHEET

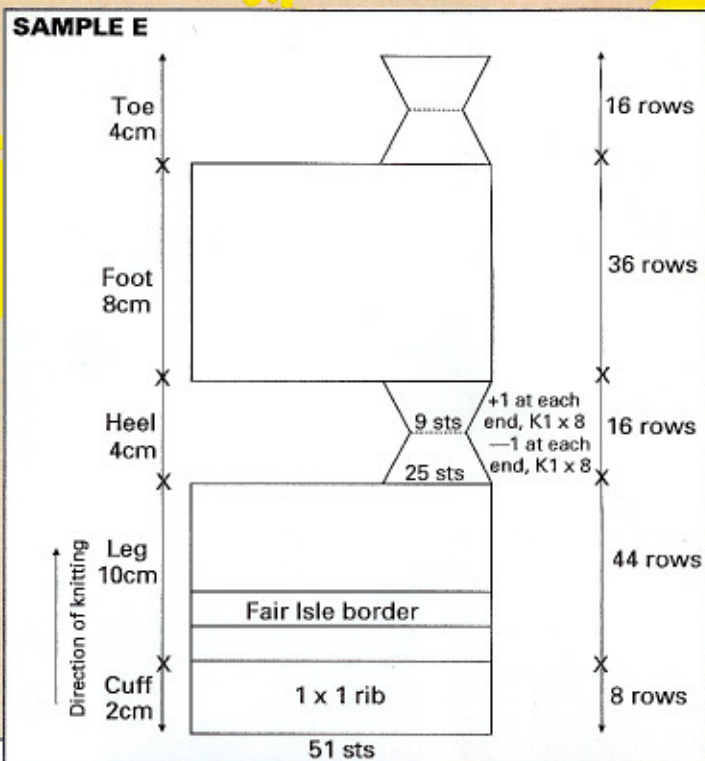


8 sts x 16 rows

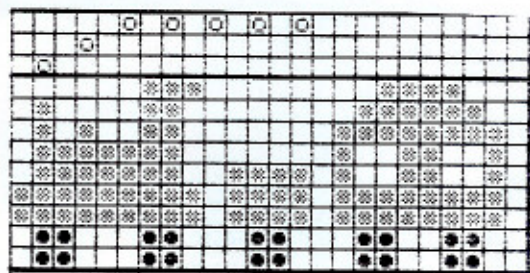
Adapted from *Stitchworld* patt 134. Reproduced courtesy of Brother.

2 = 2 rows main carriage
→ = direction of lace carriage





FAIR ISLE PATTERN 4



24 sts x 9 rows

Insert card upside down if knitting sock top to toe.
O = Swiss darn in Grey

SAMPLE E — BOY'S SOCKS

YARN: 3/14s Soft Cotton used double throughout. Approx 40g in White and oddments in Black, Red and Grey.

MEASUREMENTS: A = 14cm, B = 12cm, C = 12cm, D = 16cm, E = 16cm.

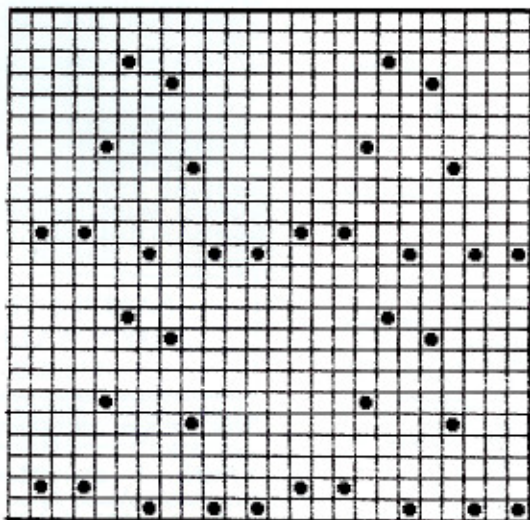
KNITTING NOTES: Work cuff in 1x1 rib. Knit 2 linings, 51 sts x 17 rows. Use Fair Isle patt 4 for border on leg section 8 rows after cuff. White + Black, K2 rows. White + Red, K7 rows. Swiss darn 'smoke' as indicated. Work all other sections in st.

MEASUREMENTS: A = 17cm, B = 24cm, C = 13cm, D = 23cm, E = 21cm.
KNITTING NOTES: Work cuff



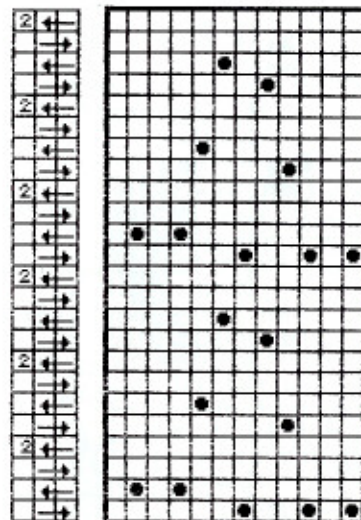
LACE PATTERN 5

PUNCHCARD



24 sts x 24 rows

MYLAR SHEET



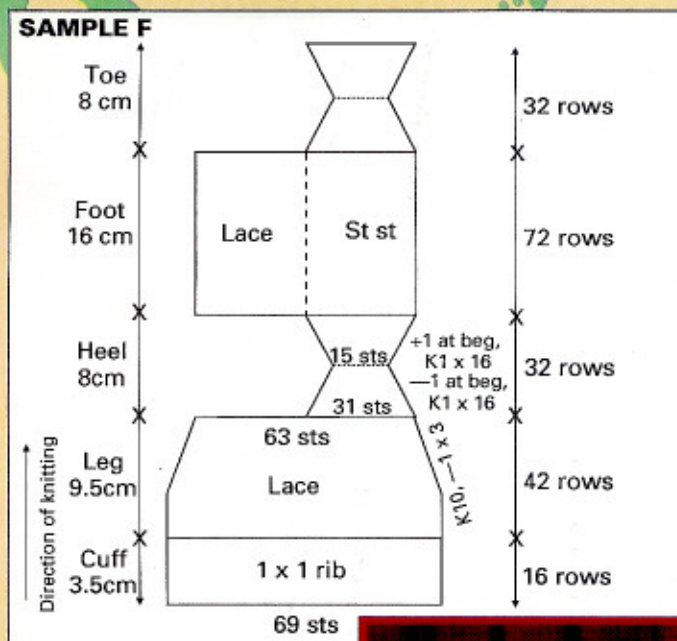
12 sts x 24 rows

Reproduced courtesy of Brother.

→ = Direction of lace carriage. 2 = 2 rows main carriage

SAMPLE F — TEEN'S STRIPED LACE SOCKS

YARN: 3/14s Soft Cotton used double throughout. Approx 20g in 7 bright colours.



with scalloped edge as folls: Cast on for 1x1 rib and K3 tubular rows. * Push every 3rd WP N on MB to HP. Set carriage to hold. K4 rows. Cancel hold, K1 row *. Rep from * to * until RC shows 16. Transfer sts to MB.

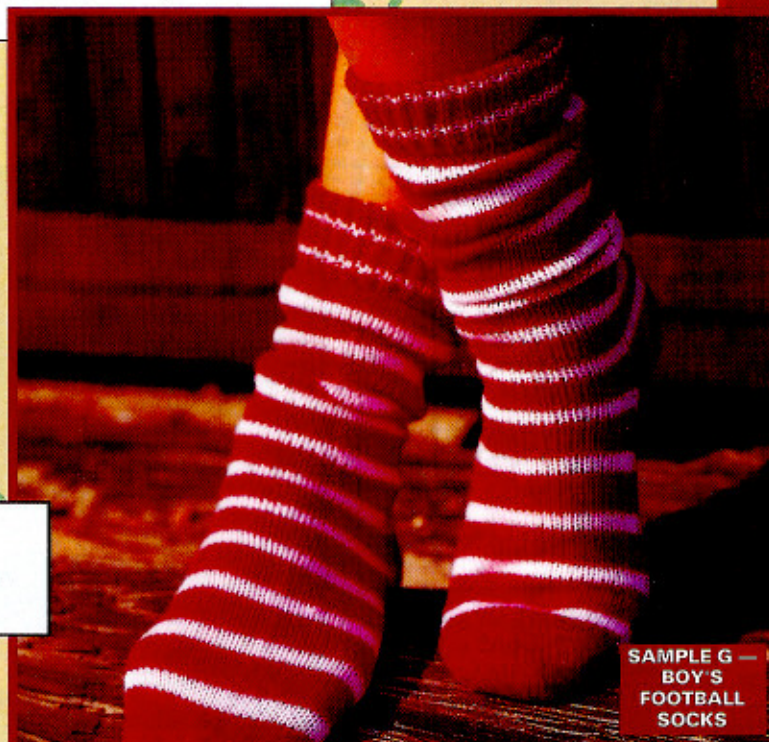
Cont in lace patt 5, working in a striped sequence of 6 rows each colour.

Work heel and toe section in st st and using one colour only.

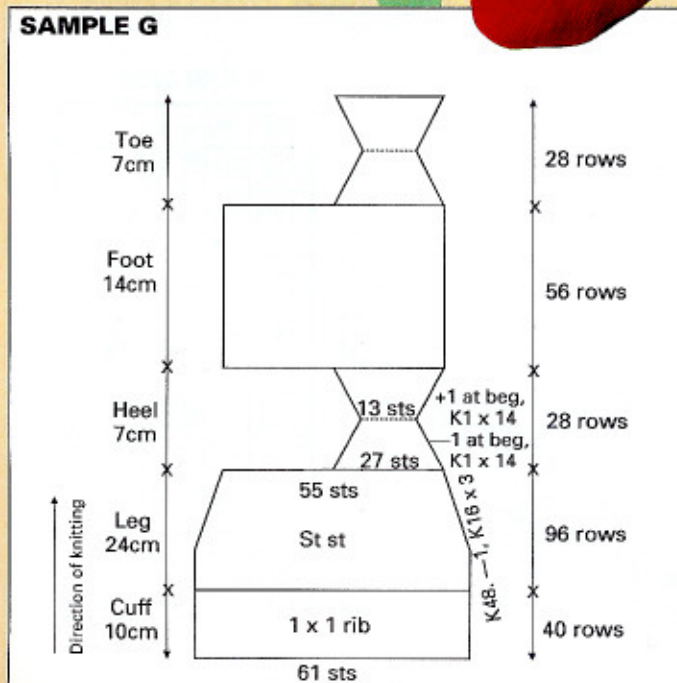
Use single motif setting to work sole of sock in st st and instep section in lace patt.

**SAMPLE G —
BOY'S FOOTBALL
SOCKS**

YARN: 4 ply Machine Washable Wool. Approx 75g



**SAMPLE G —
BOY'S
FOOTBALL
SOCKS**



in Red and 25g in White. **MEASUREMENTS:** A = 32.5cm with top folded over, B = 21cm, C = 29cm with top folded over, D = 21cm, E = 19cm.

KNITTING NOTES: Work cuff in 1x1 rib and stripes of 4 rows Red, * K2 rows White, 8 rows Red *. Rep from * to * throughout. Cont in st st, keeping stripe sequence correct. Work heel and toe section in Red only.

**SAMPLE H —
LADY'S WALKING
SOCKS**

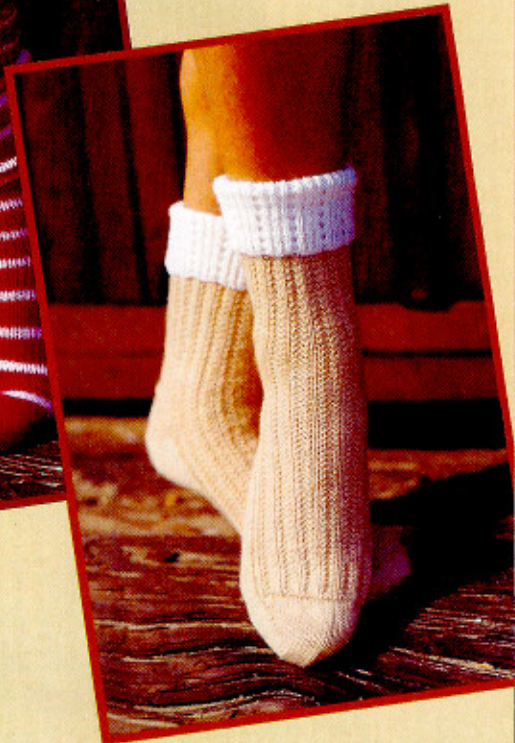
This pattern uses the garter carriage.

YARN: 4 ply Machine Washable Wool. Approx 75g in Sand and 25g in White.

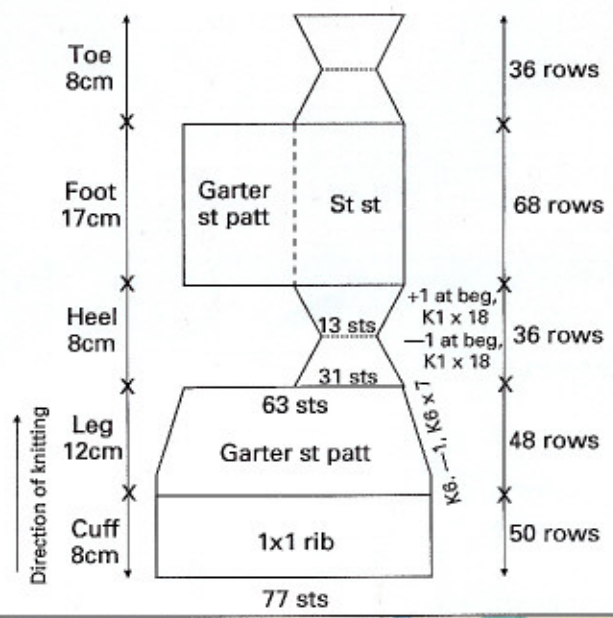
MEASUREMENTS: A = 20cm with top folded over, B =

25cm, C = 16cm with top folded over, D = 25.5cm, E = 21cm.

KNITTING NOTES: Work cuff as folls: Using White, cast on in 1x1 rib and K3 tubular rows. * Push every 3rd WP N



SAMPLE H



SAMPLE H — LADY'S WALKING SOCKS

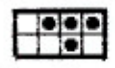
GARTER STITCH PATTERN 6

PUNCHCARD



24 sts x 2 rows

MYLAR SHEET



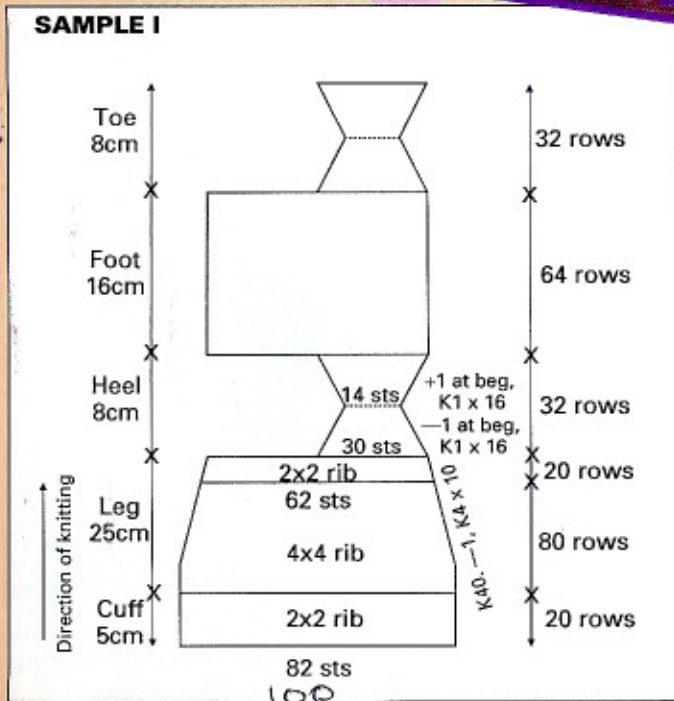
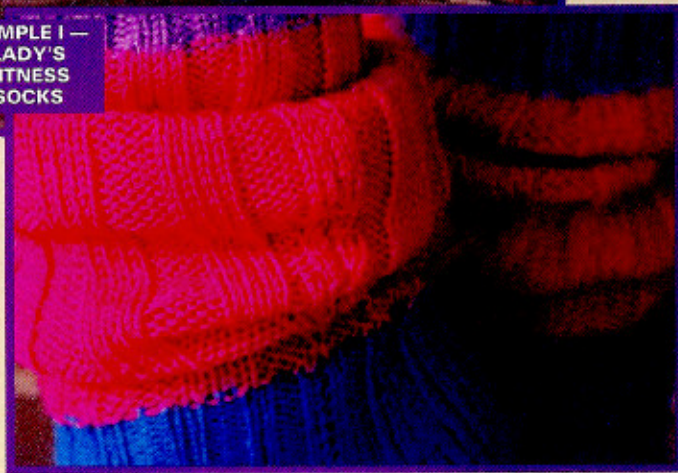
4 sts x 2 rows

Variation switch 1 (reverse) in upper position.

on MB to HP. Set carriage to hold. K4 rows. Cancel hold, K1 row *. Rep from * to * until RC shows 30. Cont in 1x1 rib for 20 rows. Transfer sts to MB. Set machine for garter st patt 6. Using Sand work in patt for leg and instep sections. Work heel, toe and sole sections in st st. If possible use single motif setting in order to knit instep and sole sections in one piece. If this is not possible use Method B for knitting these socks.



**SAMPLE I —
LADY'S
FITNESS
SOCKS**



**SAMPLE I —
LADY'S FITNESS
SOCKS**

YARN: 4 ply Machine Washable Wool. Approx 50g in Larkspur, 50g in Raspberry and 50g in Turquoise.

MEASUREMENTS: A =

34cm, B = 24cm, C = 30cm, D = 28cm, E = 21cm.

KNITTING NOTES: Work first section of 2x2 rib in Larkspur, leg section of 4x4 rib in Raspberry, ankle section of 2x2 rib in Turquoise. Work heel and toe sections in st st using Turquoise. Work sole and instep sections in st st using Larkspur.



**SAMPLE J —
UNISEX SPORT
SOCKS**

YARN: 3/14s Soft Cotton used double throughout. Approx 90g in White and oddments in Cerise and Jade.

MEASUREMENTS: A = 24cm, B = 24cm, C = 20cm, D = 25cm, E = 21cm.

KNITTING NOTES: Work cuff in 1x1 rib.

Use single motif method to knit Fair Isle patt 7 over centre 24 sts of leg, 6 rows after cuff. White + Cerise, K20 rows.

Cont in st st. Using Jade, Swiss darn as indicated.

**SAMPLE K —
UNISEX SOCKS**

YARN: 3/14s Soft Cotton used double throughout. Approx 100g in Black and oddments in 5 bright colours.

MEASUREMENTS: A = 20cm, B = 24cm, C = 16cm, D = 23cm, E = 21cm.

KNITTING NOTES: Knit 2 linings, 71 sts shaping to 65 sts x 49 rows before commencing socks.

Work cuff in 1x1 rib. Attach lining. K3 rows.

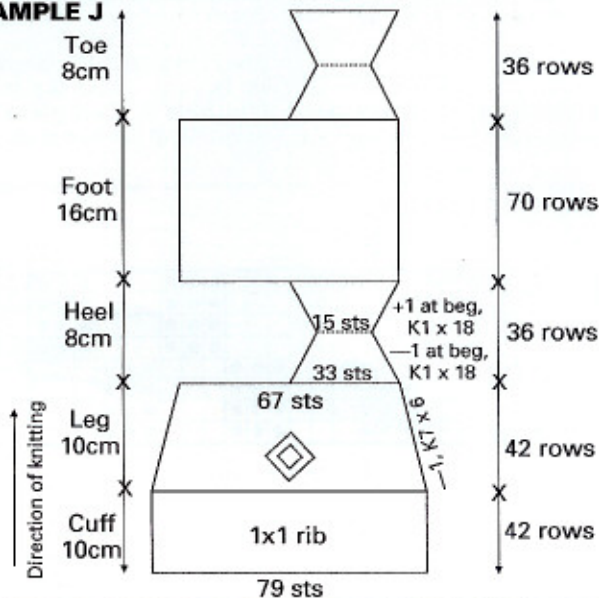
Selecting first row of Fair Isle patt 8A or 8B, K1 row. Set carriage for Fair Isle knitting.

K44 rows of patt, changing colour in feeder 2/B for each band of letters. Attach lining.

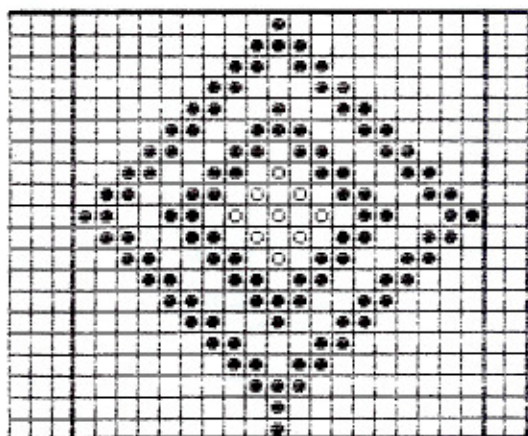
Work rem sections in st st using contrast colours for heel and toe.

Change colour sequence for second sock.

SAMPLE J



FAIR ISLE PATTERN 7

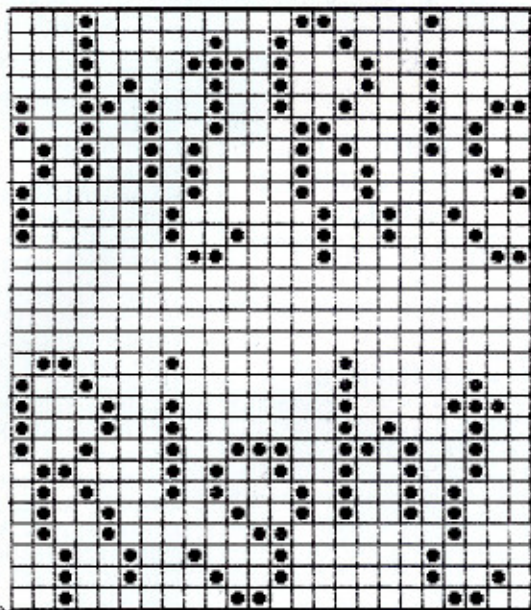


24 sts x 20 rows
O = Swiss darn in Jade



**SAMPLE K —
UNISEX
SOCKS**

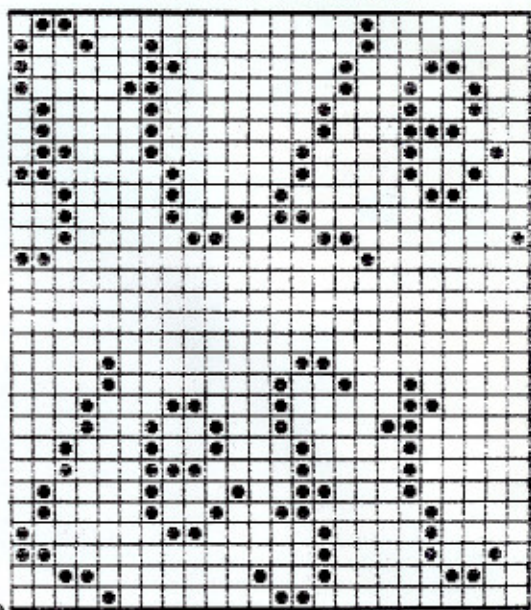
FAIR ISLE PATTERN 8A



Insert 4 plain rows here to repeat pattern →

24 sts x 32 rows

FAIR ISLE PATTERN 8B

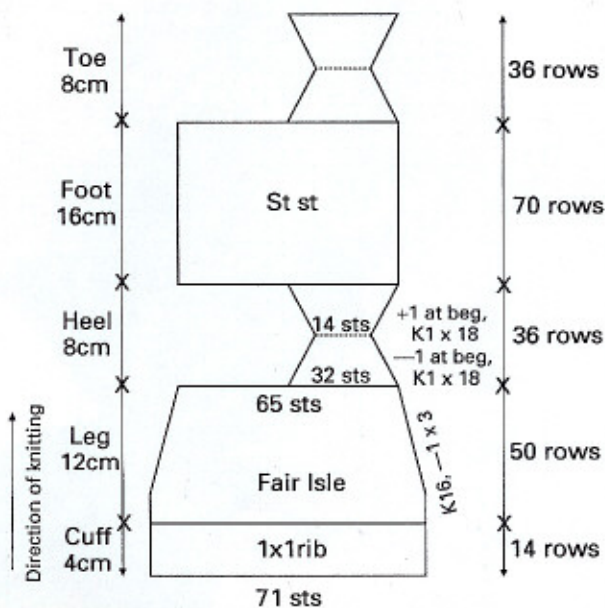


Insert 4 plain rows here to repeat pattern →

24 sts x 32 rows

Insert card upside down and with wrong side facing if knitting socks top to toe.

SAMPLE K



SAMPLE L — UNISEX CHEQUERED SOCKS

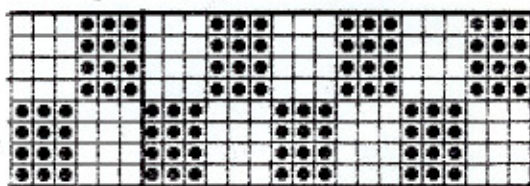
75g in Blue and 50g in Yellow.

MEASUREMENTS: A = 20cm, B = 24cm, C = 16cm, D = 23cm, E = 21cm.

KNITTING NOTES: Work cuff in 1x1 rib. Work leg in Fair Isle patt 9. Complete rem sections of sock in st st.

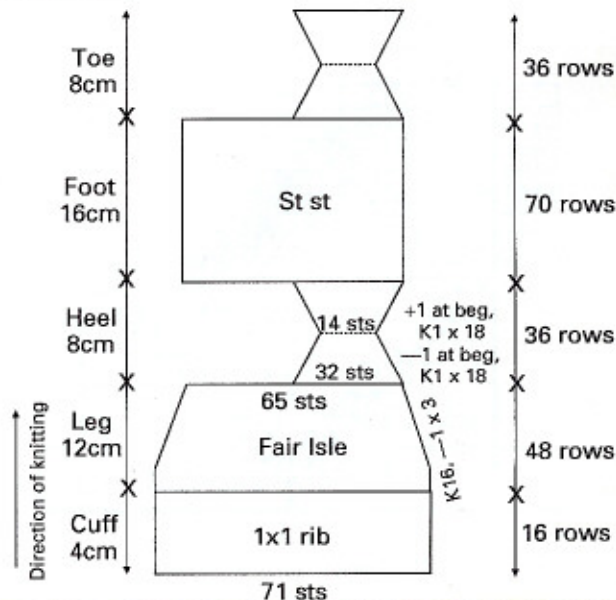
YARN: 3/14s Cotton used double throughout. Approx

FAIR ISLE PATTERN 9



24 sts x 8 rows

SAMPLE L



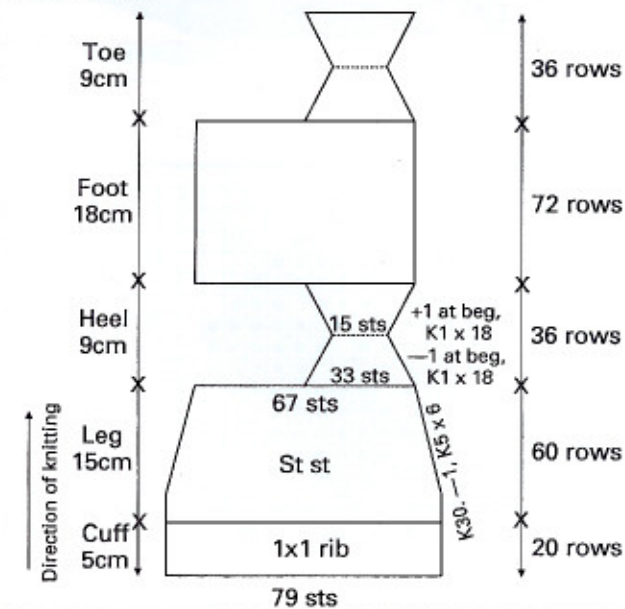


**SAMPLE L —
UNISEX
CHEQUERED
SOCKS**



**SAMPLE M —
MEN'S PLAIN
SOCKS**

SAMPLE M



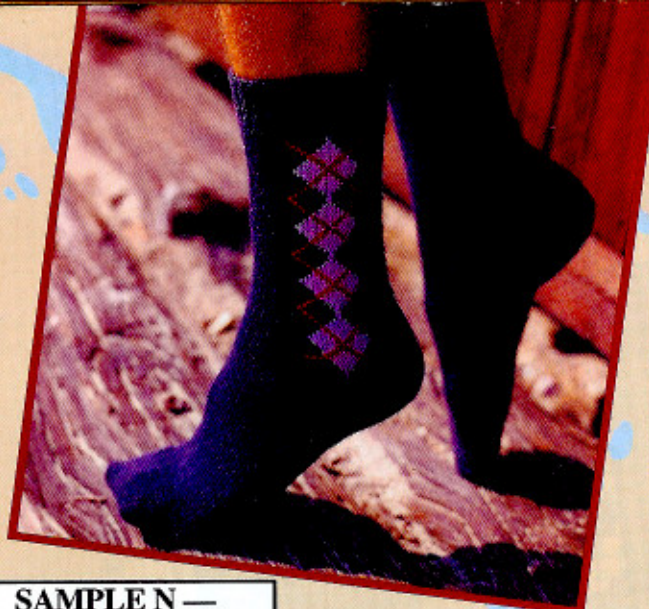
**SAMPLE M —
MEN'S PLAIN
SOCKS**

YARN: 4 ply Machine Washable Wool. Approx 125g in Clerical Grey.

MEASUREMENTS: A = 24.5cm, B = 27cm, C = 20cm, D = 27cm, E = 23cm.

KNITTING NOTES: Work cuff in 1x1 rib and rem sections in st st.

109
C30 EAVA



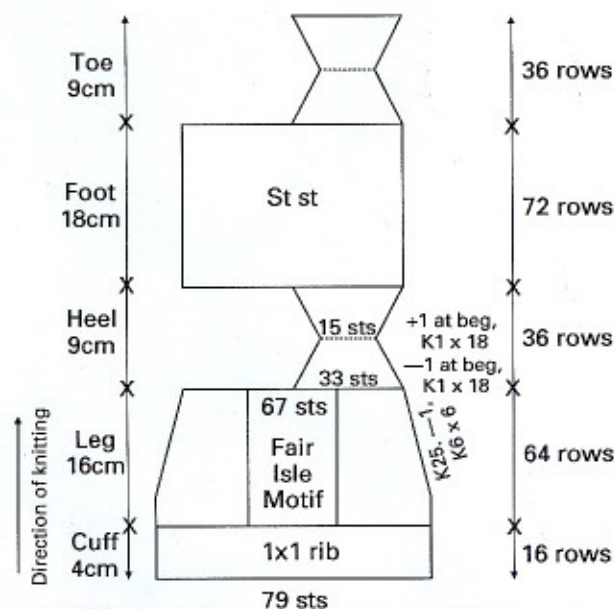
**SAMPLE N —
MEN'S ARGYLE
SOCKS**

YARN: 4 ply Machine Washable Wool. Approx 125g in Anthracite and oddments in Silver Grey and Red.

MEASUREMENTS: As given

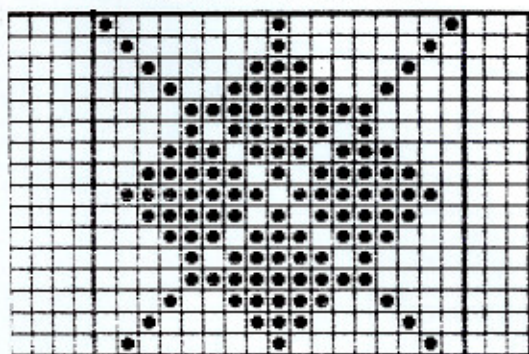
for Sample M.
KNITTING NOTES: Work cuff in 1x1 rib then set for single motif Fair Isle patt 10A over the centre 24 sts of leg section. Use Silver Grey in feeder 2/B throughout. Work rem sections of sock in st st. Swiss darn in Red as shown on Chart 10B.

SAMPLE N



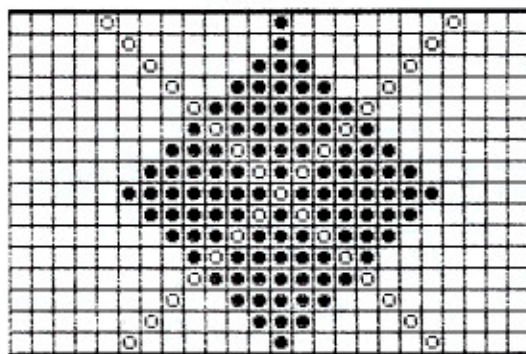
**SAMPLE N —
MEN'S
ARGYLE
SOCKS**

FAIR ISLE PATTERN 10A



24 sts x 16 rows

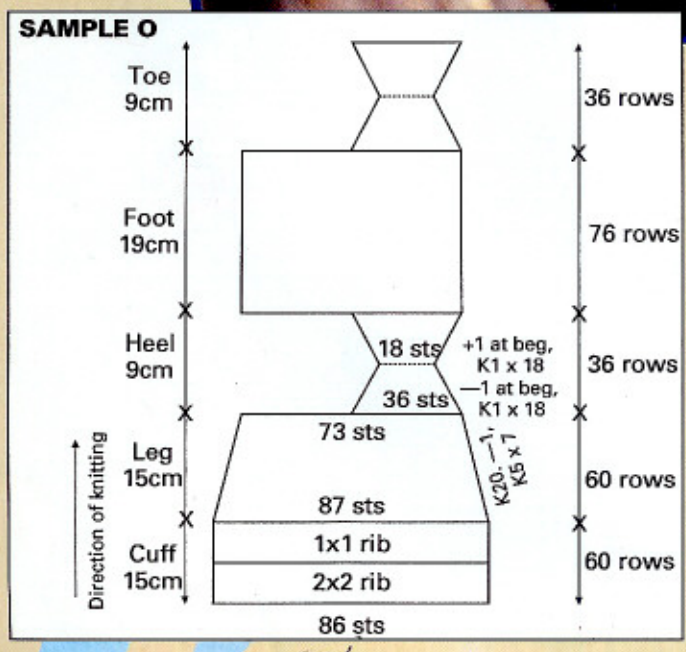
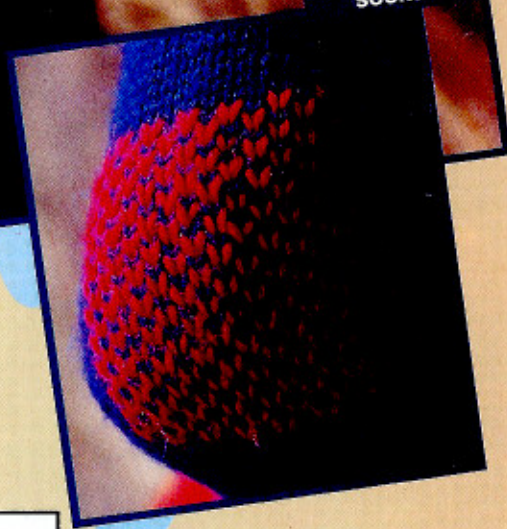
CHART 10B



O=Swiss darn in Red



**SAMPLE O —
MEN'S HIKING
SOCKS**



**SAMPLE O —
MEN'S HIKING
SOCKS**

YARN: 4 ply Machine Washable Wool. Approx 150g in Royal and 50g in Red.
MEASUREMENTS: A = 27cm with top folded over, B = 28cm, C = 22.5cm with top folded over, D = 30cm, E = 25cm.

KNITTING NOTES: Work fold over section of cuff in 2x2 rib, 6 rows Royal, 6 rows Red throughout. Change to 1x1 rib and keeping stripe sequence correct, complete cuff. Cont in st st using Royal. Work toe section in Red. Reinforce upper heel section by Swiss darning all sts in Red for approx 22 rows.

