

Signature 4ply and Signature Sparkle 4ply Crochet Socks Designed by Anna Nikipirowicz


Signature Sparkle 4ply


36 rows


28 sts
回 - • •
Reshape whilst damp Do not tumble dry
75\% WOOL / WOLLE / LANA / LAINE / ULL / VILLA
$23 \%$ NYLON / POLYAMID / POLIAMIDA / POLYAMIDE / POLYAMID / POLYAMIDI 2\% POLYESTER / POLYESTER / POLIÉSTER / POLYESTER / POLYESTER/POLYESTERI

Signature 4ply


75\% WOOL / WOLLE / LANA / LAINE / ULL / VILLA $25 \%$ NYLON / POLYAMID / POLIAMIDA / POLYAMIDE / POLYAMID / POLYAMIDI

Helga - Signature Sparkle 4ply and Signature 4ply Design: Anna Nikipirowicz
Technical Editor: Helen Birch
Copyright: This design is copyrighted and must not be made for resale. Reproduction of this publication is protected by copyright and sold on the condition that it is used for non-commercial purposes.

## Queries

For any pattern queries please visit wyspinners.com/errata or contact knitting@wyspinners.com

## Disclaimer

Please note that quantities are based on average usage and therefore are approximate. We cannot accept responsibility for the finished items if any yarn other than the one specified is used.
Although every effort has been made to ensure that instructions are correct, West Yorkshire Spinners cannot accept any liabilities.
Owing to photography and printing restrictions the colour reproduction is matched as closely as possible to the yarn.

## Yarn

## Short Socks

## West Yorkshire Spinners - Signature Sparkle 4ply



Nutcracker (1166)
$1 \times 100 \mathrm{~g}$

## Long Socks

West Yorkshire Spinners - Signature Sparkle 4ply


West Yorkshire Spinners - Signature 4ply


## Equipment

3 mm (UK11/US3) crochet hook
Two easily removable different coloured stitch markers (the pattern uses green and red markers)

## Tension

4 V -sts and 8 rnds when slightly stretched to 5 cm (2in) measured over V-st worked in the round using 3 mm crochet hook. When you are making your tension swatch make sure it is done in the rnd as our tension differs between working in rows and rnds.
It is essential to work to the stated tension to ensure success.

## Measurements

| Sock size | S | M | L |
| :--- | :--- | :--- | :--- |
| UK Shoe Size (US) | $3-4 \quad(5-6)$ | $5-6 \quad(7-8)$ | $7-8 \quad(9-10)$ |
| Foot Circumference <br> (approximately) | 18.5 cm <br> $71 / 2 \mathrm{in}$ | 20 cm <br> 8 in | 21.5 cm <br> $81 / 2 \mathrm{in}$ |
| Foot length | 22 cm | 23 cm | 25 cm |
| Short Leg Length | 14.5 cm | 14.5 cm | 14.5 cm |
| Long Leg Length | 38 cm | 38 cm | 38 cm |

## Abbreviations

| * | indicates the start of a longer repeat sequence (repeat instructions that follow the asterisk as many times as stated) |
| :---: | :---: |
| () | work instructions within brackets as many times as directed |
| [] | work instructions within brackets for a specific size |
| beg | beginning |
| BLO | back loop only |
| ch | chain |
| ch-sp | chain space |
| dc (US sc) | double crochet (US single crochet) |
| dc2tog | (insert hook in next st, yrh and draw up a loop) twice, yrh and draw through all 3 loops on hook |
| htr (Us hdc) | half treble (US half double crochet) |
| miss (US skip) | omit st(s) |
| V-st(s) | (1dc, 2ch, 1 htr ) or (1 htr, 2ch, 1 dc ) all in one st or ch-sp |
| rnd | round |
| rep | repeat |
| rem | remaining |
| RS | right side |
| sl-st | slip stitch |
| st(s) | stitch(es) |
| WS | wrong side |
| yrh | yarn round hook |

## Pattern Note

Please note that pattern is written using UK terminology with US conversion given in abbreviation list.
The sizing is in order: small size first, medium second and large third. The last two sizes are in brackets.

Crochet fabric stretches more length wise than width wise, to ensure the perfect fit make sure you make the correct size for your feet. You can customise the sizes, for example: If you wear shoe size 6 but are a wide fit, make the largest size socks with medium size length. If you have a long narrow Foot, make the small/ medium size with the largest length. You can always add/take away few rounds to ensure better length.
For matching socks, start to crochet at the second colour into the ball as you don't know where the first one started, and pull the yarn out of the ball to find the repeat for the second sock.

## Short Socks

## Left Sock

Toe

## Pattern Note

The rnd ends at the st before green marker.

Work 14ch.
Rnd 1: 1dc in $2^{\text {nd }}$ ch from hook, 1dc in next $11 \mathrm{ch}, 3 \mathrm{dc}$ in next ch, (place red marker in centre dc of 3-dc group), working into opposite side of foundation chain, 1dc in each st across to last ch, 2dc in last ch, place green marker on the last st made, do not sl-st to join round. 28 sts.
Rnd 2: 1dc across to red marker, 3dc in marked st moving marker up to middle dc of 3dc group just made, 1dc to green marker, 3dc in st with green marker, moving marker up to middle dc of 3dc group just made. (4 sts inc - 32 sts.)
Rnd 3: 1dc in each st to end.
Rep rnds 2-3 another 3 [3:4] times. 44 [44: 48] sts.

## $1^{\text {st }}$ size only

Remove red marker.

## $2^{\text {nd }}$ size only

Next rnd: 1 dc across to red marker, 3dc in marked st, remove marker, 1 dc to green marker, 2 dc in st with green marker, moving marker up to last st made, this is now the beginning of rnd. (3 sts inc - 47 sts.)

## $3^{\text {rd }}$ size only

Next rnd: 1dc across to red marker, 2dc in marked st, remove marker, 1 dc to green marker, 2 dc in st with green marker, moving marker up to last st made, this is now the beginning of rnd. (2 sts inc - 50 sts.)

## Foot (all sizes)

Rnd 1: Ch1 (does not count as a st here and throughout), (1dc, 2ch, 1 htr ) in first st, *miss next 2 sts , (1dc, 2ch, 1 htr ) in next st, rep from * to last st, miss last st, sl-st to $1^{\text {st }} \mathrm{dc}$. 15 [16:17] V-sts.
From now on you will only work in chain spaces of V-sts, missing the sts in between, unless otherwise stated.
Rnd 2: Ch1, *(1htr, 2ch, 1dc) in next ch-2sp, rep from * into every ch-2sp, sl-st to $1^{\text {st }}$ htr.
Rnd 3: Ch1, *(1dc, 2ch, 1htr) in next ch-2sp, rep from * into every ch-2sp, sl-st to $1^{\text {st }} \mathrm{dc}$.
Rep rnds 2-3 another 9 [9:10] times more.
Next rnd: Ch1, *(1htr, 2ch, 1dc) in next ch-2sp, rep from *into every ch-2sp, sl-st to $1^{\text {st }} h t r$.
(22 [22:24] rnds of V-st worked in total.)

## Separating for Afterthought Heel

On the $2^{\text {nd }}$ rnd of separating for Heel you will first work V-sts into chainless foundation, then finish the reminder of the rnd working in V-sts.

## $1^{\text {st }}$ size only

Next rnd: Make 21 chainless dc, miss next 7 V -sts and htr of next V-st, sl-st to ch-2sp, 2ch, 1 htr in same ch-sp, *(1dc, 2ch, 1 htr ) in next ch-2sp of V-st, rep from * to end, sl-st to $1^{\text {st }}$ of chainless dc.
Next rnd: Ch1, miss st with sl-st, (1htr, 2ch, 1dc) in next st, (miss next 2 sts, (1htr, 2ch, 1dc) in next st) 6 times, miss next sts, (1htr, 2ch, 1dc) in next ch-2 sp (created by ch2 on previous rnd), *(1htr, 2ch, 1dc) in next ch-2sp, rep from * to end, sl-st to $1^{\text {st }}$ htr. 15 V -sts.

## 2nd size only

Next rnd: Make 23 chainless dc, miss next 8 V -sts, *(1dc, 2ch, 1htr) in next ch-2sp of V-st, rep from * to end, sl-st to $1^{\text {st }}$ of chainless dc.
Next rnd: Ch1, (1htr, 2ch, 1dc) in same st as sl-st, (miss next 2 sts, (1htr, 2ch, 1dc) in next st) 7 times, miss next st, *(1htr, 2ch, 1dc) in next ch-2sp, rep from * to end, sl-st to $1^{\text {st }}$ htr. 16 V -sts.

## Large size only

Next rnd: Make 24 chainless dc, miss next 8 V -sts and htr of next V-sts, sl-st to ch-2sp, 2ch, 1 htr in same ch-sp, *(1dc, 2ch, 1 htr) in next ch-2sp of V-st, rep from * to end, sl-st to $1^{\text {st }}$ of chainless $d c$.

Next rnd: Ch1, miss st with sl-st, (1htr, 2ch, 1dc) in next st, (miss next 2 sts, ( $1 \mathrm{htr}, 2 \mathrm{ch}, 1 \mathrm{dc}$ ) in next st) 7 times, miss next sts, (1htr, 2ch, 1dc) in next ch-2 sp (created by ch2 on previous rnd), *(1htr, 2ch, 1dc) in next ch-2sp, rep from * to end, sl-st to $1^{\text {st }}$ htr. 17 V-sts.

## Leg (all sizes)

Starting with rnd 3, rep rnds 2-3 as given for Foot, 9 times more. (19 rnds worked in total including first rnd after Separating for Afterthought Heel.)

## Cuff

Cuff is worked back and forth in rows in back loop of every dc and attached to the last rnd of sock by a sl-st into the ch-sp of a V-st.

## Pattern Note

You will only work in ch-sps, miss all sts in-between.

## Work 11ch.

Row 1 (RS): 1 dc in $2^{\text {nd }}$ ch from hook, 1 dc in every ch to end, sl-st in next ch-sp, turn. (10 sts)
Row 2: Ch1, 1dc BLO in every st to end, turn.
Row 3: Ch1, 1dc BLO in every st to end, sl-st in next ch-2sp, turn.
Row 4: Ch1, 1dc BLO in every st to end, turn.
Row 5: Ch1, 1dc BLO in every st to end, sl-st in same ch-2sp as previous sl st, turn.
Row 6: Ch1, 1dc BLO in every st to end, turn.
Row 7: Ch1, 1dc BLO in every st to end, sl-st in next ch-2sp, turn.
Rep rows $2-7$ until the rib has been worked all around the top of the Sock.
Join last row of rib to first row by sl-st into back of beg chains and back loops only of last row of rib, all the way up.
Fasten off.

## Afterthought Heel

## Pattern Note

The Heel is worked in a continuous spiral.

With RS facing, join yarn with 1ch at the bottom right corner of the Heel space, working along the Foot part, work 22 [24:26]dc evenly along st and ch-sps, place red marker on last st, working along the other side of chainless foundation, work 22 [24:26] dc evenly along place green marker in last st. 44 [48:52] sts.
Rnd 1: Dc2tog, 1dc in every st to 2 sts before the red marker, dc2tog, 1dc in st with marker, dc2tog, 1dc in every st to 2 sts before green marker, dc2tog, 1dc in st with marker. 40 [44:48] sts.
Rnd 2: 1dc in each st to end, moving markers up as you work.
Rnd 3: Dc2tog, 1dc in every st to 2 sts before the red marker, dc2tog, 1dc in st with marker, dc2tog, 1dc in every st to 2 sts before green marker, dc2tog, 1dc in st with marker. 36 [40:44] sts.

Rep rnds 2-3 another 4 [5:5] times. 20 [20:24] sts rem.
Fasten off leaving a tail of approximately 15 cm . Using tapestry needle and the tail, sew Heel opening closed. Weave in the end.

## Right Sock

Work as for Left Sock until Separating for Afterthought Heel.

## Separating for Afterthought Heel

## $1^{\text {st }}$ size only

Next rnd: Ch1, *(1dc, 2ch, 1 htr) in next ch-2sp of V-st, rep from * 7 times more, make 21 chainless dc, miss next 7 V -sts, sl-st to first dc.
Next rnd: Ch 1, *(1htr, 2ch, 1dc) in next ch-2sp of V-st, rep from * 7 times more, miss next dc, ( $1 \mathrm{htr}, 2 \mathrm{ch}, 1 \mathrm{dc}$ ) in next dc, (miss next 2 sts, ( $1 \mathrm{htr}, 2 \mathrm{ch}, 1 \mathrm{dc}$ ) in next dc) 6 times, miss last st, sl-st to $1^{\text {st }}$ htr. 15 V -sts.

## 2nd size only

Next rnd: Ch1, *(1dc, 2ch, 1 htr) in next ch-2sp of V-st, rep from * 7 times more, make 23 chainless dc, miss next 8 V -sts, sl-st to $1^{\text {st }} \mathrm{dc}$.
Next rnd: Ch1, *(1 htr, 2ch, 1dc) in next ch-2sp of V-st, rep from * 7 times more, miss next dc, ( $1 \mathrm{htr}, 2 \mathrm{ch}, 1 \mathrm{dc}$ ) in next st, (miss next 2 sts, ( $1 \mathrm{htr}, 2 \mathrm{ch}, 1 \mathrm{dc}$ ) in next st) 7 times, sl-st to $1^{\text {st }}$ htr. 16 V-sts.

## 3rd size only

Next rnd: Ch1, *(1dc, 2ch, 1htr) in next ch-2sp of V-st, rep from * 8 times more, make 24 chainless dc, miss next 8 V -sts, sl-st to $1^{\text {st }} \mathrm{dc}$.
Next rnd: Ch1, *(1 htr, 2ch, 1dc) in next ch-2sp of V-st, rep from * 8 times more, (1htr, 2ch, 1dc) in next dc, (miss next 2 sts, (1htr, 2ch, 1dc) in next dc) 7 times, sl-st to $1^{\text {st }}$ htr. 17 V-sts.

## All sizes

Work the rest of the Sock as given for Left Leg.

## Finishing

Weave in the ends.
When you complete your Socks, you may wish to wet block them. To do this, soak your Socks in lukewarm water, squeeze out any excess moisture and pin out to size or place them on sock blockers. You can pin them out on the side and in line with the sides of Toes and Heel. Allow to dry naturally.

## Pattern Note

For matching socks, start using A at the second colour into the ball as you don't know where the first one started, and pull the yarn out of the ball to find the repeat for the second sock.

## Long Socks (worked in A and B)

## Left Sock

Using B, work Toe as for Short Socks.

## Foot

From now on you will work using two colours, one colour per rnd. Do not cut yarn after every rnd, carry it up as you go.
Rnd 1: Using A, ch1 (does not count as a st here and throughout), (1dc, 2ch, 1 htr ) in next st, *miss next 2 sts, ( $1 \mathrm{dc}, 2 \mathrm{ch}, 1 \mathrm{htr}$ ) in next st, rep from * to last st, miss last st, sl-st to first dc. 15 [16:17] V-sts.

From now on you will only work in chain spaces of V-sts, missing the sts in between, unless otherwise stated.
Rnd 2: Using B, ch1, *(1htr, 2ch, 1dc) in next ch-2sp, rep from * into every ch-2sp, sl-st to $1^{\text {st }}$ htr.
Rnd 3: Using A, ch1, *(1dc, 2ch, 1htr) in next ch-2sp, rep from * into every ch-2sp, sl-st to $1^{\text {st }}$ dc.
Rep rnds 2-3 another 9 [9:10] times then work rnd 2 once more.
From now work as given for Short Socks, changing colour as set until end of Leg and following the Separating for Afterthought Heel for Left Short Sock.

## Leg

## Pattern Note

Please try the Sock on to see if the Leg fits comfortably. Add more rows of increases if needed.

Increase rnd: Using A, ch1, (1dc, 2ch, 1 htr, 2ch, 1 htr) in next ch-2sp, work 7 [7:8] V-sts, (1dc, 2ch, 1 htr, 2ch, 1 htr) in next ch-2sp, work 6 [7:7] V-sts, sl-st to $1^{\text {st }}$ dc. 17 [18:19] V-sts.
Rep rnds 2-3 another 5 times, changing colour as set.
Work rnd 2 once more.
Increase rnd: Using A, ch1, (1dc, 2ch, 1htr, 2ch, 1htr) in next ch-2sp, work 8 [8:9] V-sts, (1dc, 2ch, 1htr, 2ch, 1htr) in next ch-2sp, work 7 [8:8] V-sts, sl-st to $1^{\text {st }}$ dc. 19 [20:21] V-sts.
Rep rnds 2-3 another 7 times, changing colour as set.
Work rnd 2 once more.
Increase rnd: Using A, ch1, (1dc, 2ch, 1htr, 2ch, 1htr) in next ch-2sp, work 9 [9:10] V-sts, (1dc, 2ch, 1htr, 2ch, 1htr) in next ch-2sp, work 8 [9:9] V-sts, sl-st to $1^{\text {st }}$ dc. 21 [22:23] V-sts.
Rep rnds 2-3 another 3 times, changing colour as set, ending with $\mathbf{A}$.
Break off A.

## Cuff

Using B, work as given for Cuff of Short Sock.

## Afterthought Heel

Using B, work as given for Afterthought Heel of Short Sock.

## Right Sock

Work as for Left Sock of Long Socks following the Separating for Afterthought Heel for Right Short Sock.

## Finishing

Weave in the ends.
When you complete your Socks, you may wish to wet block them. To do this, soak your Socks in lukewarm water, squeeze out any excess moisture and pin out to size or place them on sock blockers. You can pin them out on the side and in line with the sides of Toes and Heel. Allow to dry naturally.


## WEST YORKSHIRE SPINNERS



2 Airedale Park, Royd Ings Avenue, Keighley, West Yorkshire. BD21 4DG


Bootlace Cables and Chevron Sock Design by Winwick Mum

| Abbreviations |  |
| :---: | :---: |
| * | repeat the instructions following the single asterisk as directed |
| () | work instructions within brackets as many times as directed |
| [] | work instructions within brackets for a specific size |
| 0 | no stitches or times |
| cm | centimetres |
| CN | cable needle |
| cont | continue |
| dec | decrease(ing) |
| DPN(s) | double pointed needle(s) |
| g | grams |
| in | inch(es) |
| inc | increase(ing) |
| K | knit |
| K2tog | knit 2 together |
| LH | left hand |
| mm | millimetres |
| P | purl |
| P2tog | purl 2 together |
| Pfb | purl into front and back of stitch to make 1 stitch |
| rep | repeat |
| RH | right hand |
| rnd(s) | round(s) |
| sl1p | slip 1 stitch purlwise |
| ssk | slip a stitch knitwise and return to left needle, K2tog through back of loops |
| st(s) | stitch(es) |

## Special Abbreviations

C4B Slip next 2 sts onto CN and hold at back of work, K2, K2 from CN.

C4F Slip next 2 sts onto CN and hold at front of work, K2, K2 from CN.
dec 5 Slip next 3 sts to the RH needle. Pass first st on RH needle over first st (nearest the tip) and off needle, slip the first st from RH needle back to LH needle, pass second st on LH needle over this st and off needle, slip first st back to RH needle, pass second st on RH needle over and off needle, then slip first st on RH needle back to LH needle, pass second st on LH needle over and off needle, then purl remaining sts ( 5 sts decreased to 1 ).
inc 5 Lift bar between next st and previous st over LH needle and knit into back of it. (Knit, purl, knit) all into next st, then lift bar between st and next st over LH needle and knit into back of it ( 1 st increased to 5).
LT Left Twist. Taking your RH needle behind your work, insert your RH needle into the back loop of the second st on your LH needle. Now bring your needle forward and K into the first st on the LH needle in the usual way and slide both sts off the LH needle.
RT Right Twist. Keeping your needles at the front of your work, insert your RH needle into the second st on the LH needle knitwise and knit the st, but don't take the st off the needle. Now knit into the first st on the LH needle in the usual way and slide both sts off the LH needle.
T4F Slip the next 2 sts onto CN and hold at back of work, K2, then P2 from CN.

Slip the next 2 sts onto CN and hold at front of work, P2, then K2 from CN.

There is a handy video on our YouTube channel for the inc 5 and dec 5 technique @Westyorkshirespinners.
Click here to view the video.

## Alexander - Signature Sparkle 4ply

## Design: Winwick Mum

## Technical Editor: Helen Birch

Copyright: This design is copyrighted and must not be knitted for resale. Reproduction of this publication is protected by copyright and sold on the condition that it is used for noncommercial purposes.

## Queries

For any pattern queries please visit wyspinners.com/errata or contact knitting@wyspinners.com

## Disclaimer

Please note that quantities are based on average usage and therefore are approximate. We cannot accept responsibility for the finished items if any yarn other than the one specified is used.
Although every effort has been made to ensure that instructions are correct, West Yorkshire Spinners cannot accept any liabilities.
Owing to photography and printing restrictions the colour reproduction is matched as closely as possible to the yarn.

## Yarn

## West Yorkshire Spinners - Signature Sparkle 4ply



Nutcracker (1166)
$1 \times 100 \mathrm{~g}$

## Measurements

## To Fit Ball of Foot (circumference)

| cm | 20 | 21 | 23 | 24 |
| :--- | :--- | :--- | :--- | :--- |
| in | 8 | $81 / 4$ | 9 | $91 / 2$ |

## Equipment

## Three Options For Needles

One 2.5 mm (UK12/US1.5) short circular needle and one set of 2.5 mm (UK12/US1.5) DPNs
Or One set of 2.5 mm (UK12/US1.5) DPNs
Or One 2.5 mm (UK12/US1.5) 80 cm long circular needle.

## For a Looser Cuff (optional)

One set of 3 mm (UK11/US3) DPNs

Cable needle
Stitch holder (optional)
Two stitch markers
Wool needle

## Needle Note

These socks are knitted on 2.5 mm needles, not 3.25 mm as stated on the ball band.
This will produce a different tension but will ensure a firmer, more hard-wearing fabric for your socks. The ideal tension for these socks is 30 sts to 10 cm ( 4 in ) so use whatever size needles are required to reach that tension and do check that your knitted fabric is firm but not stiff.

## Tension

30 sts and $40 / 42$ rows to 10 cm over stocking stitch (worked in the round) on 2.5 mm needles. Always use the size of needles to get the correct tension.
It is essential to work to the stated tension to ensure success.

## Pattern Note

When working from a chart you will read all rounds from right to left. Grey "no stitch" blocks are exactly that - no stitch - so ignore them as you count the stitches for the panel on that round. For matching socks, start knitting at the second colour into the ball as you don't know where the first one started, and pull the yarn out of the ball to find the repeat for the second sock.


75\% WOOL / WOLLE / LANA / LAINE / ULL / VILLA 23\% NYLON / POLYAMID / POLIAMIDA / POLYAMIDE / POLYAMID / POLYAMIDI 2\% POLYESTER / POLYESTER/POLIÉSTER/POLYESTER/POLYESTER/POLYESTERI

## Cuff

Using Nutcracker and 3mm DPNs, cast on 60 [64:68:72] sts. The pattern has been written for a cast on with straight needles; if you wish to join into the round straight away, work row 1 twice and omit row 2 .

## $1^{\text {st }}$ size only

Row 1: *P2, K2, rep from * to end.
Row 2: As row 1.

## $2^{\text {nd }}$ size only

Row 1: P1, *K2, P2, rep from * to last 3 sts, K2, P1.
Row 2: K1, *P2, K2, rep from * to last 3 sts, P2, K1.

## $3^{\text {rd }}$ size only

Row 1: *K2, P2, rep from * to end.
Row 2: As row 1.

## $4^{\text {th }}$ size only

Row 1: K1, *P2, K2, rep from * to last 3 sts, P2, K1.
Row 2: P1, *K2, P2, rep from * to last 3 sts, K2, P1.

## All sizes - both socks

Change to a 2.5 mm short circular needle, 80 cm circular needle for magic loop or divide the stitches across DPNs and join into a circle, place marker. You will sew up the small gap where you knitted the first two rows later. Cont in rib as set for your size for 14 more rounds.

## Leg

Use either the Written Instructions or Charts for Panel A, Panel B, Panel E and Panel F for Left Sock and Panel C, Panel D, Panel E and Panel F for Right Sock depending on your size. Start at rnd 1, setting the pattern panels as instructed. You may find it easier to use stitch markers for front and back sections.

## Panel A (22 sts)

## Written Instructions

Rnds 1-4: P22.
Rnd 5: P3, (P2tog, P2) 4 times, inc 5, P2.
Rnd 6: P15, K2, P1, K2, P2.
Rnd 7: P13, T4B, P1, T4F.
Rnd 8: P11, K4, P5, K2.
Rnd 9: P11, C4B, P5, K2.
Rnd 10: As rnd 8.
Rnd 11: P9, T4B, T4F, P1, T4B.
Rnd 12: P9, K2, P4, K2, P1, K2, P2.
Rnd 13: P2, inc 5, P4, T4B, P4, dec 5, P2.
Rnd 14: P2, K2, P1, K2, P4, K2, P9.
Rnd 15: T4B, P1, T4F, T4B, P9.
Rnd 16: K2, P5, K4, P11.
Rnd 17: K2, P5, C4B, P11.
Rnd 18: As rnd 16.
Rnd 19: T4F, P1, T4B, T4F, P9.
Rnd 20: As rnd 14.
Rnd 21: P2, dec 5, P4, T4F, P4, inc 5, P2.
Rnd 22: As rnd 12.
Rnd 23: P9, T4F, T4B, P1, T4F.
Rnd 24: As rnd 8.
Rnd 25: P11, C4F, P5, K2.
Rnd 26: As rnd 8.
Rnd 27: As rnd 11.
Rnd 28: As rnd 12.
Rnd 29: As rnd 13.
Rnd 30: As rnd 14.

## Panel B

Written Instructions
Rnd 1: T4B, P1, T4F, T4B, P9. 22 sts.
Rnd 2: K2, P5, K4, P11.
Rnd 3: K2, P5, T4B, P11.
Rnd 4: K2, P5, K2, P13.
Rnd 5: T4F, P1, T4B, P13.
Rnd 6: P2, K2, P1, K2, P15.
Rnd 7: P2, dec 5, (P2, Pfb) 4 times, P3.

## Panel C (22 sts)

## Written Instructions

Rnds 1-4: P22.
Rnd 5: P2, inc 5, (P2, P2tog) 4 times, P3.
Rnd 6: P2, K2, P1, K2, P15.
Rnd 7: T4B, P1, T4F, P13.
Rnd 8: K2, P5, K4, P11.
Rnd 9: K2, P5, C4F, P11.
Rnd 10: As rnd 8.
Rnd 11: T4F, P1, T4B, T4F, P9.
Rnd 12: P2, K2, P1, K2, P4, K2, P9.
Rnd 13: P2, dec 5, P4, T4F, P4, inc 5, P2.
Rnd 14: P9, K2, P4, K2, P1, K2, P2.
Rnd 15: P9, T4F, T4B, P1, T4F.
Rnd 16: P11, K4, P5, K2.
Rnd 17: P11, C4F, P5, K2.
Rnd 18: As rnd 16.
Rnd 19: P9, T4B, T4F, P1, T4B.
Rnd 20: As rnd 14.
Rnd 21: P2, inc 5, P4, T4B, P4, dec 5, P2.
Rnd 22: As rnd 12.
Rnd 23: T4B, P1, T4F, T4B, P9.
Rnd 24: As rnd 8.
Rnd 25: K2, P5, C4B, P11.
Rnd 26: As rnd 8.
Rnd 27: As rnd 11.
Rnd 28: As rnd 12.
Rnd 29: As rnd 13.
Rnd 30: As rnd 14.

## Panel D

## Written Instructions

Rnd 1: P9, T4F, T4B, P1, T4F. 22 sts.
Rnd 2: P11, K4, P5, K2.
Rnd 3: P11, T4F, P5, K2.
Rnd 4: P13, K2, P5, K2.
Rnd 5: P13, T4F, P1, T4B.
Rnd 6: P15, K2, P1, K2, P2.
Rnd 7: P3, (Pfb, P2) 4 times, dec 5, P2.

## Panel E

## Written Instructions

Rnd 1: (RT) twice. 4 sts.
Rnd 2: K4.
Rnd 3: K1, RT, K1.
Rnd 4: K4.

## Panel F

## Written Instructions

Rnd 1: (LT) twice. 4 sts.
Rnd 2: K4.
Rnd 3: K1, LT, K1.
Rnd 4: K4.

## Chart Note

When working from a chart you will read all rounds from right to left. Grey "no stitch" blocks are exactly that - no stitch. Ignore them as you count the stitches for the panel on that round.

## Panel E Chart



## Panel F Chart



| 22 | 21 |  |  | 20 |  |  | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| - | - |  |  | - |  |  | - | - | - | - | - | - |  |  | - | - | - | - |  |  | - |  |  | - | - | 30 |
| - | $\bullet$ |  |  | A |  |  | - | - | - | - |  |  |  |  | - | - | - | - |  |  | $\sqrt[5]{ }$ |  |  | - | $\bullet$ | 29 |
| - | - |  |  | - |  |  | - | - | - | - |  |  | - | - | - | - | - | - |  |  | - |  |  | - | - | 28 |
|  |  |  |  | - | $7$ |  |  |  | $1$ |  |  |  | - | - | - | - | - | - |  |  | - |  |  | - | - | 27 |
|  |  | $\bullet$ | $\bullet$ | - | - | - |  |  |  |  | $\bullet$ | $\bullet$ | - | - | - | - | - | - |  |  | - |  |  | - | - | 26 |
|  |  | - | - | - | - | - |  |  |  | $<$ | - | - | - | - | - | - | - | - |  |  | - |  |  | - | - | 25 |
|  |  | $\bullet$ | - | - | - | - |  |  |  |  | - | - | - | - | - | - | - | - |  |  | - |  |  | - | - | 24 |
|  |  |  |  | - |  |  |  |  | $>$ |  |  |  | - | - | - | - | - | - |  |  | - |  |  | - | - | 23 |
| - | - |  |  | - |  |  | - | - | - | - |  |  | - | - | - | - | - | - |  |  | - |  |  | - | - | 22 |
| - | - |  |  | $\sqrt[5]{ }$ |  |  | - | - | - | - |  |  |  |  | - | - | - | - |  |  | /5 |  |  | - | - | 21 |
| - | - |  |  | - |  |  | - | - | - | - | - | - |  |  | - | - | - | - |  |  | - |  |  | - | - | 20 |
| - | - |  |  | - |  |  | - | - | - | - | - | - | $5$ |  |  |  |  | $\square$ |  |  | - |  |  |  | $\bullet$ | 19 |
| - | - |  |  | - |  |  | - | - | - | - | - | - | $\bullet$ | - |  |  |  |  | - | - | - | - | - |  |  | 18 |
| - | - |  |  | - |  |  | - | - | - | - | - | - | $\bullet$ | - | $1$ |  |  |  | - | - | - | - | - |  |  | 17 |
| - | - |  |  | - |  |  | - | - | - | - | - | - | - | - |  |  |  |  | - | - | - | - | - |  |  | 16 |
| - | - |  |  | - |  |  | - | - | - | - | - | - |  |  | - | - |  | - |  | - | - |  | $\square$ |  |  | 15 |
| - | $\bullet$ |  |  | - |  |  | - | - | - | - | - | - |  |  | - | - | - | - |  |  | - |  |  | - | - | 14 |
| - | - |  |  | A |  |  | - | - | - | - |  |  |  |  | - | - | - | - |  |  | $\sqrt[5]{ }$ |  |  | - | - | 13 |
| - | - |  |  | - |  |  | - | - | - | - |  |  | - | - | - | - | - | - |  |  | - |  |  | - | - | 12 |
|  |  |  |  | - |  |  |  |  |  |  |  |  | - | - | - | - | - | - |  |  | - |  |  | - | - | 11 |
|  |  | - | $\bullet$ | - | - | - |  |  |  |  | - | - | - | - | - | - | - | - |  |  | - |  |  | - | - | 10 |
|  |  | $\bullet$ | - | - | - | - |  | $7$ |  |  | - | - | - | - | - | - | - | - |  |  | - |  |  | - | - | 9 |
|  |  | $\bullet$ | - | - | - | - |  |  |  |  | - | - | - | - | - | - | - | - |  |  | - |  |  | - | $\bullet$ | 8 |
|  |  |  |  | - |  |  |  |  | - | - | - | - | - | - | - | - | - | - |  |  | - |  |  | - | - | 7 |
| - | - |  |  | - |  |  | - | - | - | - | - | - | - | - | - | - | - | - |  |  | - |  |  | - | - | 6 |
| - | - |  |  | $\sqrt[5]{ }$ |  |  | - | - | $\because$ | - | - |  | - | - |  | - | - | $\because$ |  |  | - |  |  | - | - | 5 |
| - | $\bullet$ |  |  | $\bullet$ |  |  | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 |
| - | - |  |  | - |  |  | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 |
| - | $\bullet$ |  |  | - |  |  | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 |
| $\bullet$ | $\bullet$ |  |  | - |  |  | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | $\bullet$ | 1 |

$\square$ knit $\square \quad \rightarrow$ T4B


C4B

C4F

$$
\text { A dec } 5
$$

Panel B Chart

 T4F $\square$ no stitch 5 dec 5 $\qquad$ Pfb

Panel C Chart

$\square$ knit

$\sqrt[5]{ }$ inc 5 $\square$ P2tog
$\square$ purl
T4F
$\square$
$\square$ C 4 F
5. dec 5 $\square$ no stitch

Panel D Chart

$\square$ knit $\square$ purl $\rightarrow \rightarrow$ T4B T4F $\square$ no stitch 5 dec 5 $\square$ 1 Pfb


## Left Sock

## Set Pattern Panel

## $1^{\text {st }}$ size only

Rnds 1-30: P4, work 22 sts of Panel A, P4, K2, (P2, work 4 sts of Panel E) twice, P2, (work 4 sts of Panel F, P2) twice, K2. 60 sts.

## $2^{\text {nd }}$ size only

Rnds 1-30: K1, P4, work 22 sts of Panel A, P4, K4, (P2, work 4 sts of Panel E) twice, P2, (work 4 sts of Panel F, P2) twice, K3. 64 sts.

## $3^{\text {rd }}$ size only

Rnds 1-30: K2, P4, work 22 sts of Panel A, P4, K2, (work 4 sts of Panel E, P2) 3 times, (work 4 sts of Panel F, P2) twice, work 4 sts of Panel F. 68 sts.

## $4^{\text {th }}$ size only

Rnds 1-30: P1, K2, P4, work 22 sts of Panel A, P4, K2, P2, (work 4 sts of Panel E, P2) 3 times, (work 4 sts of Panel F, P2) twice, work 4 sts of Panel F, P1. 72 sts.

## All sizes

Rnds 31-46: Rep rnds 15-30 of Panel A in pattern as set, at the same time cont to work Panels E and F.
Rnds 47-53: Work rnds 1-7 of Panel B (instead of Panel A) in pattern as set, at the same time cont to work in Panels E and F.

## Right Sock

## Set Pattern Panel

$1^{\text {st }}$ size only
Rnds 1-30: P4, work 22 sts of Panel C, P4, K2, (P2, work 4 sts of Panel E) twice, P2, (work 4 sts of Panel F, P2) twice, K2. 60 sts.

## $2^{\text {nd }}$ size only

Rnds 1-30: K1, P4, work 22 sts of Panel C, P4, K4, (P2, work 4 sts of Panel E) twice, P2, (work 4 sts of Panel F, P2) twice, K3. 64 sts.

## $3^{\text {rd }}$ size only

Rnds 1-30: K2, P4, work 22 sts of Panel C, P4, K2, (work 4 sts of Panel E, P2) 3 times, (work 4 sts of Panel F, P2) twice, work 4 sts of Panel F. 68 sts.

## $4^{\text {th }}$ size only

Rnds 1-4: P1, K2, P4, work 22 sts of Panel C, P4, K2, P2, (work 4 sts of Panel E, P2) 3 times, (work 4 sts of Panel F, P2) twice, work 4 sts of Panel F, P1. 72 sts.

## All sizes

Rnds 31-46: Rep rnds 15-30 of Panel C in pattern as set, at the same time cont to work in Panels E and F.
Rnds 47-53: Work rnds 1-7 of Panel D (instead of Panel C) in pattern as set, at the same time cont to work in Panels E and F.

## Both Socks

## Heel Flap

Set up row: P30 [32:34:36] sts, do not turn, work Heel Flap on remaining 30 [32:34:36] sts and proceed as follows:
Change to 2.5 mm DPNs if you are using a short circular needle. There is no need to use DPNs if you are using magic loop method. You may prefer to place the spare stitches from the top of the foot onto a stitch holder if you are using a short circular or DPNs whilst you work the Heel.
Row 1: K2, (sl1p, P1) until there are 28 [30:32:34] sts on your needle, sl1p, K1, turn. 30 [32:34:36] sts.
Row 2: Sl1p, (P1, K1) to last 3 sts, P3, turn.
Row 3: Sl1p, K1, (sl1p, P1) to last 2 sts, sl1p, K1, turn.
Rep rows $2-3$ until Heel measures 5 [6:7:8]cm or desired length, finishing on row 3.

## Turn Heel

Row 1: Sl1p, P16 [17:18:19], P2tog, P1, turn.
Row 2: Sl1p, K5, ssk, K1, turn.
Row 3: Sl1p, P6, P2tog, P1, turn.
Row 4: Sl1p, K7, ssk, K1, turn.
Cont in this way, adding one stitch between slip stitch and ssk or P2tog on each row (ie, Row 5: Sl1p, P8, P2tog, P1, turn; Row 6: Sl1p, K9, ssk, K1, turn; etc) until all of the Heel sts are used. Depending on how many sts are in your Heel Flap, you may find that the K1 and P1 stitch is not required at the end of the last two rows.
Knit across Heel sts if required to bring you to the left hand side of the Heel Flap (with the outside of the flap facing you), ready to pick up 1 stitch for every 2 rows of Heel Flap knitted. Remember that if you made the Heel Flap bigger, you will need to pick up more stitches. Once you have picked up the stitches, place a marker.
Purl across the top of the foot sts, place marker, then pick up 1 stitch for every 2 rows of Heel Flap knitted up the other side of the Heel. Knit across the top of the Heel and then shape the Gusset as below, and at the same time, working pattern Panel $G$ across the top of the foot.

## Needle Note

If you are using DPNs and/or have placed your stitches on a stitch holder, you can arrange the needles as follows:
Needle 1 for stitches across Heel.
Needle 2 for picked-up stitches down side of foot.
Needle 3 for stitches across top of foot (work stitches off stitch holder if required).
Needle 4 for picked-up stitches on other side of foot.
You may find that stitch markers are not required at first.

## Shape Gusset

Rnd 1: K to 3 sts before the marker, K2tog, K1, slip marker, K1, P28 [30:32:34], K1, slip marker, K1, ssk, K to marker.

Rnd 2: Slip marker, K2, P26 [28:30:32], K2, slip marker, K to 3 sts before marker.
Rnd 3: K2tog, K1, slip marker, K3, P24 [26:28:30], K3, slip marker, K1, ssk, K to marker.
These 3 rnds set the Gusset decrease and Panel G.
Cont to work Panel G, proceed as follows:
Rep rnds 2-3 to shape the Gusset, at same time work Panel G over top of foot, starting with rnd 4.
Cont in this way, decreasing by 2 stitches at the Gusset on every other rnd until there are 60 [64:68:72] sts on the needle.
Once you have reached the required number of stitches, continue to knit each rnd in pattern as set until rnd 34 of Panel G has been worked.
Knit all sts, cont until you reach 5 cm before the desired length ready to start the toes. Don't be afraid to try your sock on before decreasing for the toes.

## Panel G

## Written instructions

Rnd 1: K1, P28 [30:32:34], K1.
Rnd 2: K2, P26 [28:30:32], K2.
Rnd 3: K3, P24 [26:28:30], K3.
Rnd 4: K4, P22 [24:26:28], K4.
Rnd 5: K5, P20 [22:24:26], K5.
Rnd 6: K6, P18 [20:22:24], K6.
Rnd 7: K7, P16 [18:20:22], K7.
Rnd 8: K8, P14 [16:18:20], K8.
Rnd 9: P1, K8, P12 [14:16:18], K8, P1.
Rnd 10: P2, K8, P10 [12:14:16], K8, P2.
Rnd 11: P3, K8, P8 [10:12:14], K8, P3.
Rnd 12: P4, K8, P6 [8:10:12], K8, P4.
Rnd 13: P5, K8, P4 [6:8:10], K8, P5.
Rnd 14: P6, K8, P2 [4:6:8], K8, P6.
Rnd 15: P7, K16 [8:8:8], P0 [2:4:6], K0 [8:8:8], P7.
Rnd 16: P8, K14 [16:8:8], P0 [0:2:4], K0 [0:8:8], P8.
Rnd 17: K1, P8, K12 [14:16:8], P0 [0:0:2], K0 [0:0:8], P8, K1.
Rnd 18: K2, P8, K10 [12:14:16], P8, K2.
Rnd 19: K3, P8, K8 [10:12:14], P8, K3.
Rnd 20: K4, P8, K6 [8:10:12], P8, K4.
Rnd 21: K5, P8, K4 [6:8:10], P8, K5.
Rnd 22: K6, P8, K2 [4:6:8], P8, K6.
Rnd 23: K7, P16 [8:8:8], K0 [2:4:6], P0 [8:8:8], K7.
Rnd 24: K8, P14 [16:8:8], K0 [0:2:4], P0 [0:8:8], K8.
Rnd 25: K9, P12 [14:16:8], K0 [0:0:2], P0 [0:0:8], K9.
Rnd 26: K10, P10 [12:14:16], K10.
Rnd 27: K11, P8 [10:12:14], K11.

Rnd 28: K12, P6 [8:10:12], K12.
Rnd 29: K13, P4 [6:8:10], K13.
Rnd 30: K14, P2 [4:6:8], P14.
Rnd 31: K30 [15:15:15], P0 [2:4:6], K0 [15:15:15].
Rnd 32: K30 [32:16:16], P0 [0:2:4], K0 [0:16:16].
Rnd 33: K30 [32:34:17], P0 [0:0:2], K0 [0:0:17].
Rnd 34: K30 [32:34:36].

## Toes

## Pattern Note

At some point whilst decreasing for the toes, if you are using a short circular needle you may need to change back to DPNs or use the magic loop method as the number of stitches becomes too small for the circular. It's up to you when you choose to do that, and how you distribute the stitches across the needles; just keep following the pattern as set below.

Create the toes as follows:
Rnd 1: K1, ssk, K24 [26:28:30] sts, K2tog, K1, place marker (if required), K1, ssk, K24 [26:28:30] sts, K2tog, K1. 56 [60:64:68] sts.
Rnd 2: Knit one round, slipping markers as you come to them.
Rnd 3: K1, ssk, K to 3 sts before marker, K2tog, K1, slip marker, K1, ssk, K to 3 sts before marker, K2tog, K1. 52 [56:60:64] sts.
Rep rnds 2-3 until you have 28 [28:32:32] sts left and divide these between two needles so that front and back of socks match.
Graft toes using Kitchener stitch, weave in all ends and sew up the small gap at the cuff where you cast on.


## WEST YORKSHIRE SPINNERS

WYS1000282 / DFP0035


2 Airedale Park, Royd Ings Avenue, Keighley, West Yorkshire. BD21 4DG 01535664500 sales@wyspinners.com wyspinners.com

