



Space Feet Socks

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Space Feet Socks

Embark on a cosmic knitting adventure with the Space Feet Socks pattern! These socks are your ticket to weaving the wonders of the universe into your footwear. Get ready to explore the galaxies with every stitch!

These socks are knitted top-down and in the round. The leg and the foot are decorated with a two-color space-themed stranded pattern. The heel and the toe are strengthened because they are knitted with two threads of the MC yarn, working 1 stitch alternately with one strand and then the other strand (one strand from the outside and the other from the inside of the ball).

The pattern is written for the smallest size, with the numbers for the larger sizes in square brackets: **S [M, L, XL]**. Please, highlight the size you are working on. The charts are at the end. Note that the charts are different depending on the size.

Sizes

- **S:**
 - to fit foot circumference of approx.: **18.5 cm / 7.25"**
 - foot length: adjustable
 - height from the top of the heel to the top of the cuff: 15.5 cm / 6.25"
- **M:**
 - to fit foot circumference of approx.: **21 cm / 8.25"**
 - foot length: adjustable
 - height from the top of the heel to the top of the cuff: 15.5 cm / 6.25"
- **L:**
 - to fit foot circumference of approx.: **23.5 cm / 9.25"**
 - foot length: adjustable
 - height from the top of the heel to the top of the cuff: 18 cm / 7"
- **XL:**
 - to fit foot circumference of approx.: **26 cm / 10.25"**
 - foot length: adjustable
 - height from the top of the heel to the top of the cuff: 18 cm / 7"

Yarn

Main Color (MC): 1 skein of Schoppel Wolle Zauberball Crazy (420 m / 459 yards per 100 g / 3.53 oz) – *shown in Indian Rose (2079) colorway*
Contrast Color (CC): 1 [1, 1, 2] skein of Garnstudio Drops Fabel (205 m / 224 yards per 50 g / 1.8 oz) – *shown in Off White (100) colorway*

Or any sock yarn that knits to the gauge in the following amounts:

Main Color (MC): about 160 [180, 200, 220] m / 175 [197, 219, 241] yd
Contrast Color (CC): about 160 [180, 200, 220] m / 175 [197, 219, 241] yd

The exact yardage will be based on the size and foot length. But it should be between 35 g to 55 g of MC and between 30 g to 55 g of CC.

Needles

Use the type of needles you prefer for socks: Double Pointed Needles or circular needles for magic loop.

- 2.5 mm / US #1 ½ for rib.
- 3 mm / US #2 ½ or appropriate size to get gauge.

Gauge

32 sts and 34 rnds in 10 cm / 4" on 3.00 mm / US #2 ½ needles, in stranded colorwork, in the round, after blocking.
If your gauge is different, please adjust your needles.

Other

2 stitch markers, stitch holder, tapestry needle for weaving.

Abbreviations

rnd, rnds	– round, rounds	MC – main color
st, sts	– stitch, stitches	CC – contrast color
sl1p	– slip 1 st purlwise	RS – right side
k	– knit	WS – wrong side
p	– purl	BOR – beginning of round
k2tog	– knit 2 stitches together	PM – place marker
p2tog	– purl 2 stitches together	SM – slip marker
ssk	– slip, slip, knit: slip two stitches knitwise, and knit them together through the back loop	** – repeat as noted between asterisks

Difficulty

Intermediate: cast on, knit, purl, stranded colorwork, knitting in the round, working in the rows, k2tog, p2tog, ssk, sl1p, picking up stitches, reading charts.

Tips for stranded knitting

Yarn domination

Hold the yarn in CC below the yarn in MC (CC to the left and MC to the right) for optimal color dominance. In this arrangement, CC will be the dominant color in the stranded pattern. Of course, if you prefer, you can hold the threads the other way :)

Catching floats

For better tension, you can catch the floats when working five stitches or more in a row in the same color (optional).

On the charts, I marked with a cross (X) the places where I suggest you can catch floats.

Here you can find a video where I show:

https://youtu.be/LsqC_TFWWC8

- Catching float when working with the yarn hold on the left (CC)
- Continental style.
- Catching float when working with the yarn hold on the right (MC) - Continental style.
- Catching float when working with the yarn hold on the left (CC)
- right thread in English style.
- Catching float when working with the yarn hold on the right (MC) - right thread in English style.

INSTRUCTIONS

These socks are knitted top-down and in the round.

The heel and the toe will be worked with two threads of the CC yarn (one strand from the outside and the other from the inside of the ball). Before starting work, make sure you can work with two threads of the CC yarn.

Cuff

Using **smaller size needles**, 2.5 mm / US #1 1/2 with CC cast on 60 [66, 72, 78] sts with a long tail cast on over two needles method and join in the round. Make sure not to twist the stitches. Place marker for BOR. Work in 1x1 rib (k1, p1) for 12 rnds (approx. 2.5 cm / 1") for all sizes (or longer if you like).

Next rnd: knit all sts.

Leg

Switch to larger needles, 3 mm / US #2 1/2.

Add the **MC** yarn and start working in the stranded pattern according to **Chart A**. After making one repeat (30 [33, 36, 39] sts), place marker, work the remaining 30 [33, 36, 39] sts according to **Chart A** (Chart A is repeated 2 times in every round).

Repeat Chart A one time vertically.

40 [40, 48, 48] rounds total.

Heel

Place the first 30 [33, 36, 39] sts on a stitch holder. Remove markers.

30 [33, 36, 39] sts remain on the needles for the heel.

The heel will be **worked back and forth in rows**, with two threads of the CC yarn. Use one strand from the outside and the other from the inside of the yarn ball. Do not cut the MC yarn.



1. Heel flap



2. Heel turn



3. Picking up stitches on the left side of the heel flap



4. Knitting the stranded pattern on the instep sts



5. Picking up stitches on the right side of the heel flap



6. Stitches picked up on both sides of the heel flap

Heel Flap

Start working on the heel flap on the wrong side.

Use alternately two strands of the CC yarn: work 1 stitch with one strand and 1 stitch with the other strand (like stranded knitting 1x1 pattern but with one color only). When working the WS rows, keep both strands of yarn in front of the work.

Set-up row (WS): add the second strand of the CC yarn, p1 with two strands held together, purl (*alternate with two strands of CC yarn*) until 1 st remains to the end of the heel,
p1 with 2 strands held together, turn the work around.

Row 1 (RS): sl1p with yarn in back (*make sure to slip both strands*), knit until 1 st remains to the end of the row (*remember that the last stitch is a double thread*), k1 with 2 strands held together, turn the work.

Row 2 (WS): sl1p with yarn in front (*make sure to slip both strands*), purl until 1 st remains to the end of the row (*remember that the last stitch is made with a double thread*), p1 with 2 strands held together, turn the work around.

Repeat rows 1 and 2 for another 7 [8, 9, 10] times, knitting them a total of 8 [9, 10, 11] times and making 17 [19, 21, 23] rows for the heel flap (including set-up row). Make sure you finish on row 2 (WS). Turn the work.

The heel flap measures about: 5 [5.5, 6, 6.5] cm / 2 [2.25, 2.5, 2.75]"

Heel turn

Start working on the heel turn on the right side. You will be working short rows to shape the heel. Use alternately two strands of the CC yarn the same way as for the heel flap.

Row 1 (RS): sl1p with yarn in back (*make sure to slip both strands*), knit until 10 [10, 11, 12] sts remain on the left needle (*remember that the last stitch is made with a double thread, count it as one*), ssk with 2 strands held together, turn the work.

Row 2 (WS): sl1p with yarn in front (*make sure to slip both strands*), purl until 10 [10, 11, 12] sts remain on the left needle (*remember that the last stitch is made with a double thread, count it as one*), p2tog with 2 strands held together, turn the work.

Row 3 (RS): sl1p with yarn in back, knit until 9 [9, 10, 11] sts remain on the left needle, ssk with 2 strands held together, turn the work.

Row 4 (WS): sl1p with yarn in front, purl until 9 [9, 10, 11] sts remain on the left needle, p2tog with 2 strands held together, turn the work.

Row 5 (RS): sl1p with yarn in back, knit until 8 [8, 9, 10] sts remain on the left needle, ssk with 2 strands held together, turn the work.

Row 6 (WS): sl1p with yarn in front, purl until 8 [8, 9, 10] sts remain on the left needle, p2tog with 2 strands held together, turn the work.

Continue working like this until you have decreased all the stitches on both sides. You have finished on the WS, with p2tog, and you have 12 [15, 16, 17] sts on the needle.

Next row (RS): sl1p with yarn in back, knit using alternately two strands of the CC yarn to the end of the heel (knit the last st with a single strand).

You will now need to pick up and knit stitches along the heel flap edge to join your work back in the round.

Gusset

Pick up and knit 16 [17, 19, 21] sts along the left side of the heel flap using two strands of the CC yarn alternately (*pick up 1 stitch in each of the slipped sts up the side of the heel flap and 1 extra st at the top of the heel in the gap*).

Cut one strand of the CC yarn. The MC yarn is at the beginning of the round.

Place marker for BOR. Rounds are now numbered again from 1.

Set-up rnd:

Slip the 30 [33, 36, 39] sts from the stitch holder back onto the left needle.

Knit the 30 [33, 36, 39] instep sts in the stranded pattern according to **Chart B** (start with rnd 1).

Place the marker between the instep and the sole.

Pick up and knit 16 [17, 19, 21] sts along the right side of the heel flap using MC and CC alternately, according to the rnd 1 of **Chart C** (*pick up 1 st at the top of the heel flap in the gap, then 1 st in each of the slipped sts down the side of the heel flap*).

Continue knitting in a stranded pattern according to the rnd 1 of the **Chart C** to the end of the round.

74 [82, 90, 98] sts on the needles.

30 [33, 36, 39] sts for the top of the foot (instep) and 44 [49, 54, 59] sts for the bottom of the foot (sole).

Gusset decreases

With MC & CC work the 30 [33, 36, 39] instep sts in pattern according to the **Chart B**.

For 44 [49, 54, 59] sole sts, when the gusset decreases, work the pattern according to **Chart C**. The stitches are decreased on every other round on the sole as shown in the chart.

When the **Chart B/C** has been worked one time vertically, there are 60 [66, 72, 78] sts on the needles.

30 [33, 36, 39] sts for the instep and 30 [33, 36, 39] sts for the sole.

Foot

Continue working in the round in the stranded pattern according to **Chart D**. After making one repeat (30 [33, 36, 39] sts), place marker, work the remaining 30 [33, 36, 39] sts according to **Chart D** (Chart D is repeated 2 times in every round).

Continue working in the round until the sock foot is approximately 4.5 [5, 5.5, 6] cm / 1.75 [2, 2, 2.25]" shorter than the desired foot length. You can finish with any round of the chart. You do not need to complete all rounds of Chart D. Work as many rounds as needed to achieve the desired foot length.

Note the number of completed rounds on the foot, to knit the second sock to the same length.

Cut the MC yarn leaving a long tail to weave in later.

Toe

*The toe will be worked with two strands of the CC yarn. Make sure you have the **BOR** marker and a marker between the instep and the sole. Use alternately two strands of the CC yarn the same way as for the heel.*

When shaping the toe, decrease four stitches on every other round 5 times, then on every round as described below (rounds are now numbered again from 1).

Set-up rnd: add the second strand of the CC yarn, knit using two strands of the CC yarn alternately:

knit 30 [33, 36, 39] sts, **SM**, knit 30 [33, 36, 39] sts.

Rnd 1:

Instep sts: k2, ssk, knit until 4 sts remain before the marker, k2tog, k2

Sole sts: k2, ssk, knit until 4 sts remain before the BOR, k2tog, k2

Rnd 2: k all sts.

Repeat rounds 1 and 2 another 4 times, knitting them a total of 5 times. You have 40 [46, 52, 58] sts on the needles. Then repeat round 1, decreasing 4 sts **on each round**, until there are 20 [22, 24, 22] sts.

16 [17, 18, 20] rnds total for the toe.

*** Next rnd:** *k2tog* repeat around, using two strands of the CC yarn alternately.

You have 10 [11, 12, 11] sts on the needles.

Cut the yarns and thread through the remaining stitches and pull taut, closing the hole.

** You can use Kitchener Stitch for closing the toe if you prefer.*

Finishing

Weave in ends. Repeat for the second sock. Wash gently and block.

Thanks

I'm happy that you chose my pattern! I hope you enjoy knitting and wearing these socks :)

I would love to see your socks, so use the hashtag **#SpaceFeetSocks** and tag me: **@kroopa.knits** if you share a picture on your Instagram! Or simply create a project page on Ravelry :)

For questions and pattern support, please email
karolina@kroopaknits.pl

Charts for the stranded pattern

The stranded pattern charts are shown on the following pages. The charts are grouped separately for each size. Make sure you are using the correct chart.

Read the charts from the bottom up, each round from right to left.

For your convenience, I have prepared charts in two variants:

- version I with the main color (MC) in white
- version II with the contrast color (CC) in white

Make sure you are using the correct chart.

List of charts:

- Size S: pages 10 – 13
- Size M: pages 14 – 17
- Size L: pages 18 – 21
- Size XL: pages 22 - 25

This pattern is copyrighted.

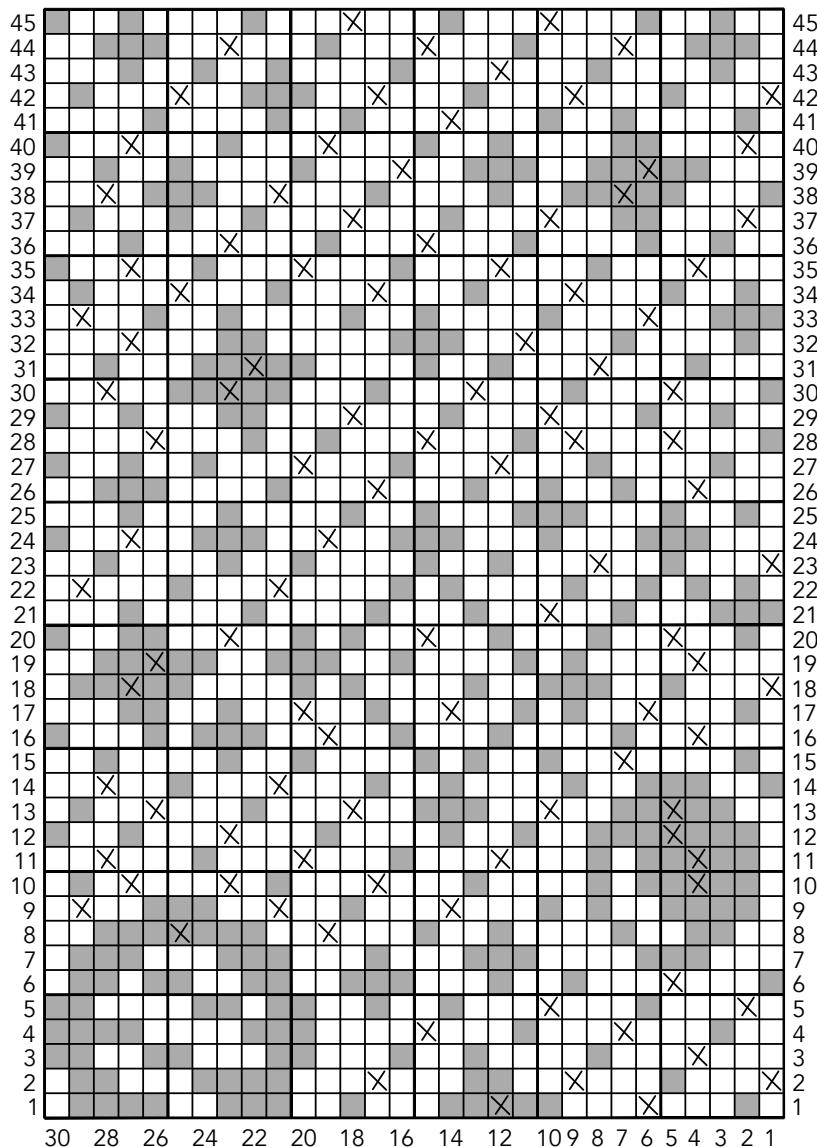
Please do not copy this pattern or distribute it illegally.

CHARTS FOR SIZE S

S

Chart D - size S

Note: You do not need to complete all rounds of the chart. Work as many rounds as needed to achieve the desired foot length.

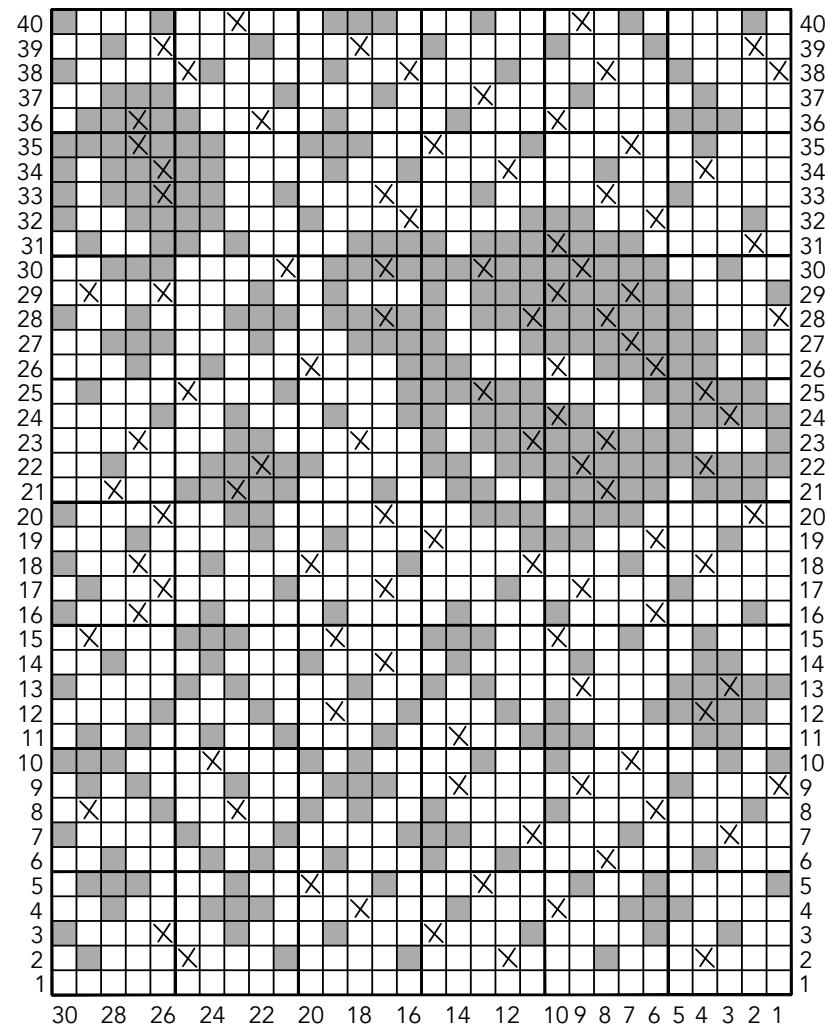


Version I - MC in white

Key

- knit with MC
- knit with CC
- ✗ suggested place to catch float

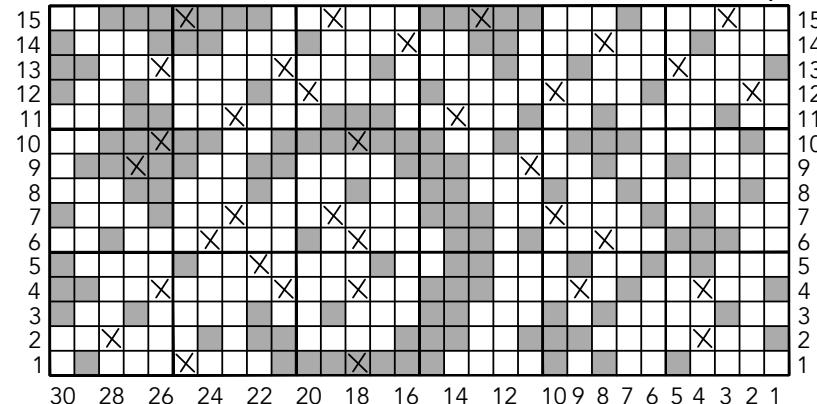
Chart A - size S



CHARTS FOR SIZE S

Version I - MC in white

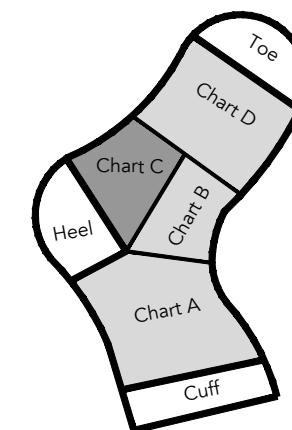
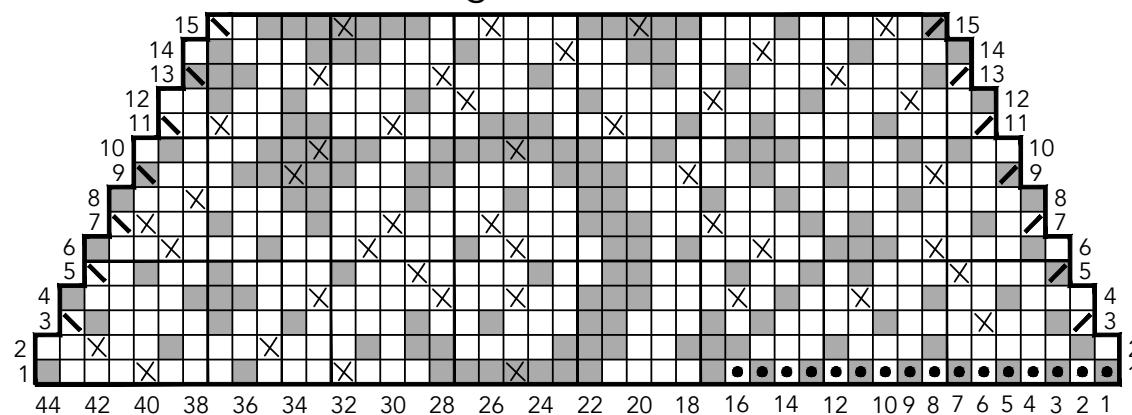
Chart B - size S - gusset decreases - the instep



Key

- knit with MC
- knit with CC
- ☒ k2tog with MC
- ☒ ssk with MC
- ☒ k2tog with CC
- ☒ ssk with CC
- pick up 1 sts with MC
- pick up 1 sts with CC
- ☒ suggested place to catch float

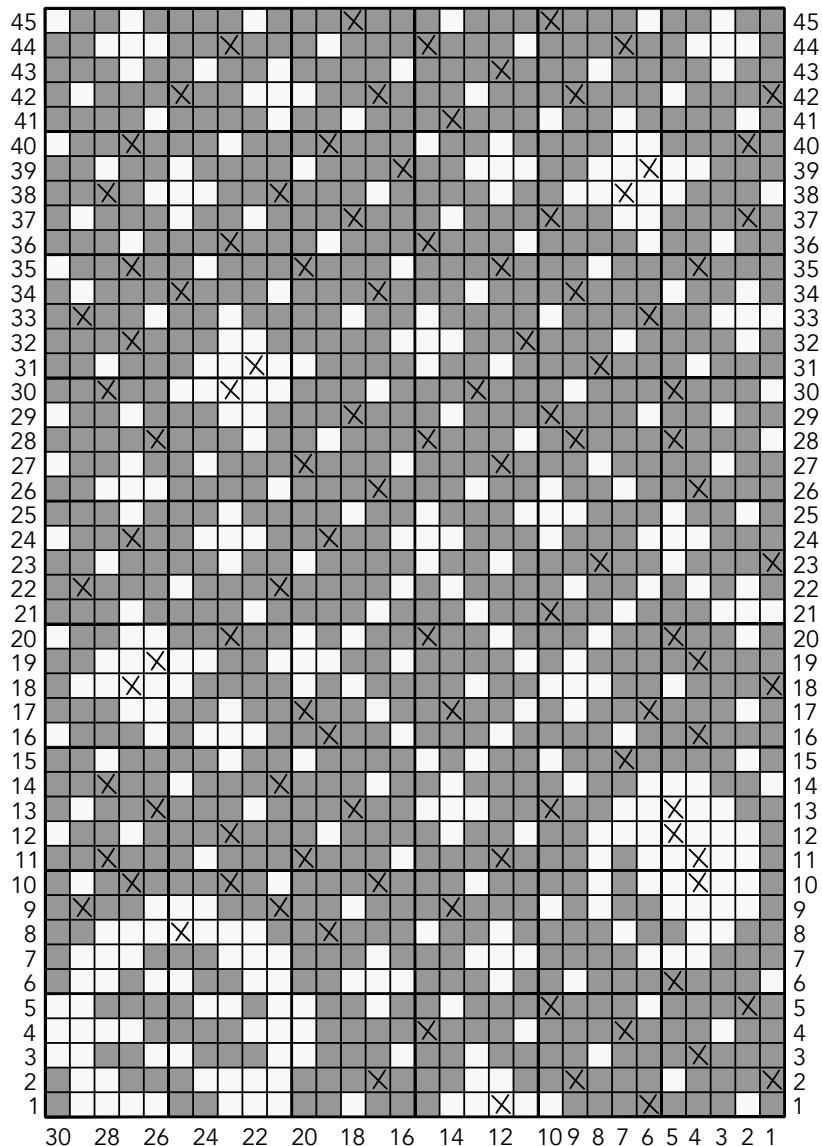
Chart C - size S - gusset decreases - the sole



CHARTS FOR SIZE S

Chart D - size S

Note: You do not need to complete all rounds of the chart. Work as many rounds as needed to achieve the desired foot length.



Version II - CC in white

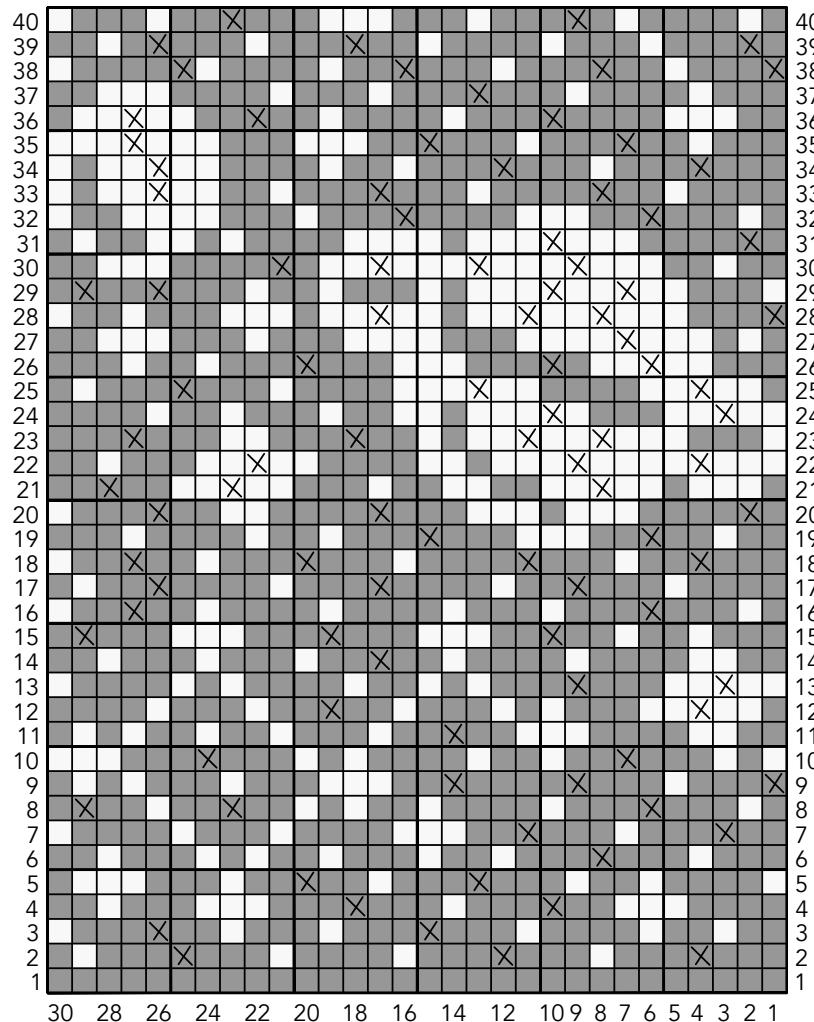
Key

█ knit with MC

□ knit with CC

✗ suggested place to catch float

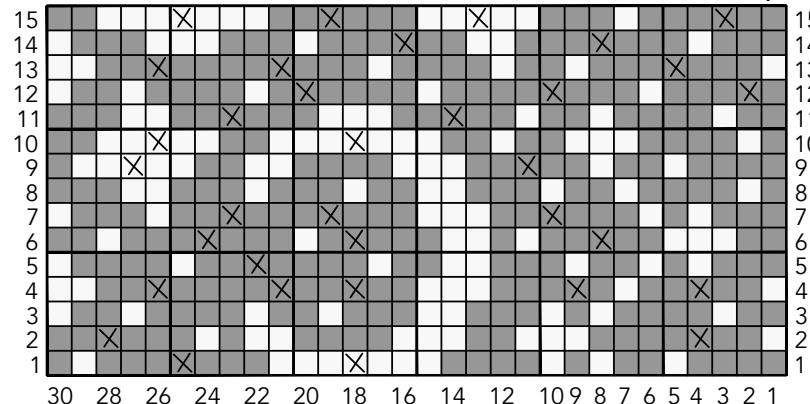
Chart A - size S



CHARTS FOR SIZE S

Version II - CC in white

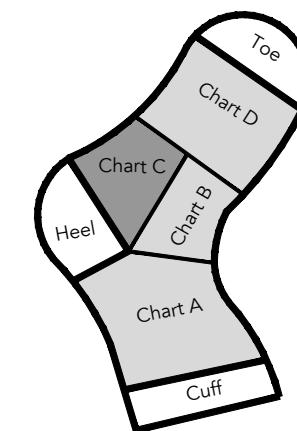
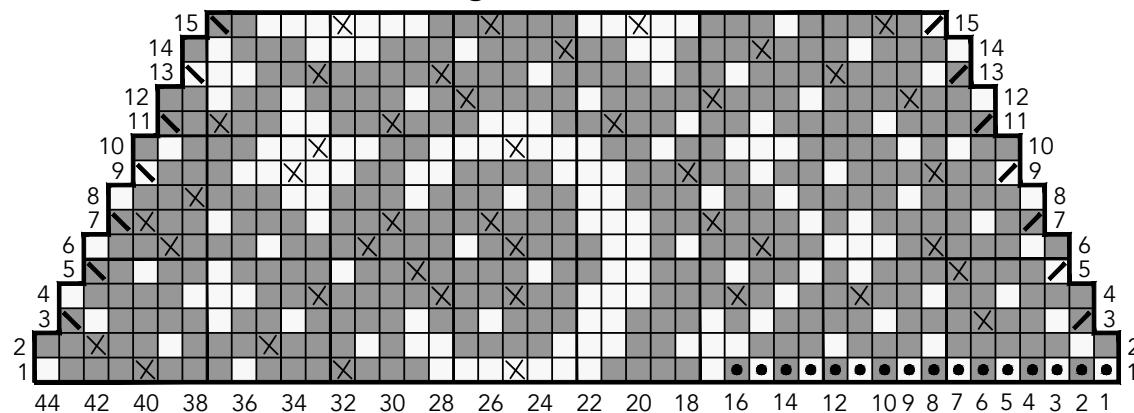
Chart B - size S - gusset decreases - the instep



Key

- █ knit with MC
- █ knit with CC
- █ k2tog with MC
- █ ssk with MC
- █ k2tog with CC
- █ ssk with CC
- █ pick up 1 sts with MC
- █ pick up 1 sts with CC
- █ suggested place to catch float

Chart C - size S - gusset decreases - the sole

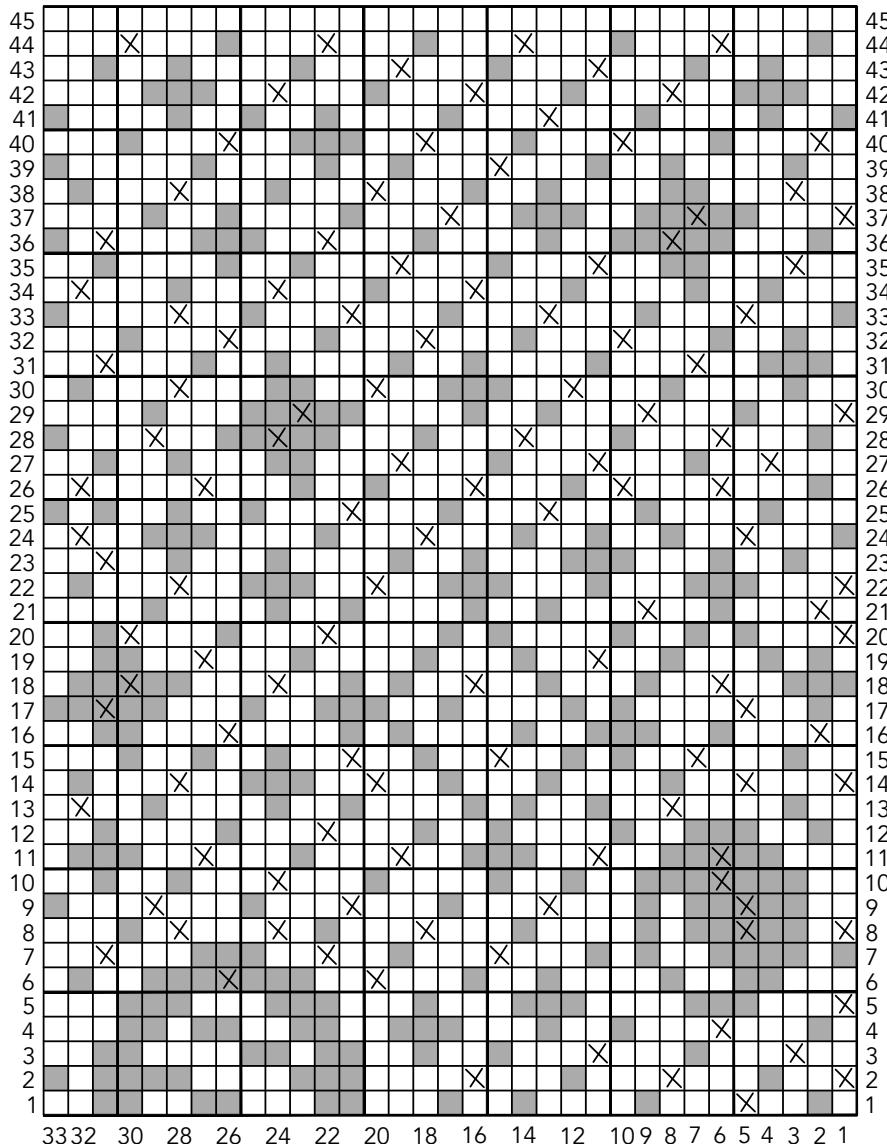


M

CHARTS FOR SIZE M

Chart D - size M

Note: You do not need to complete all rounds of the chart. Work as many rounds as needed to achieve the desired foot length.



Version I - MC in white

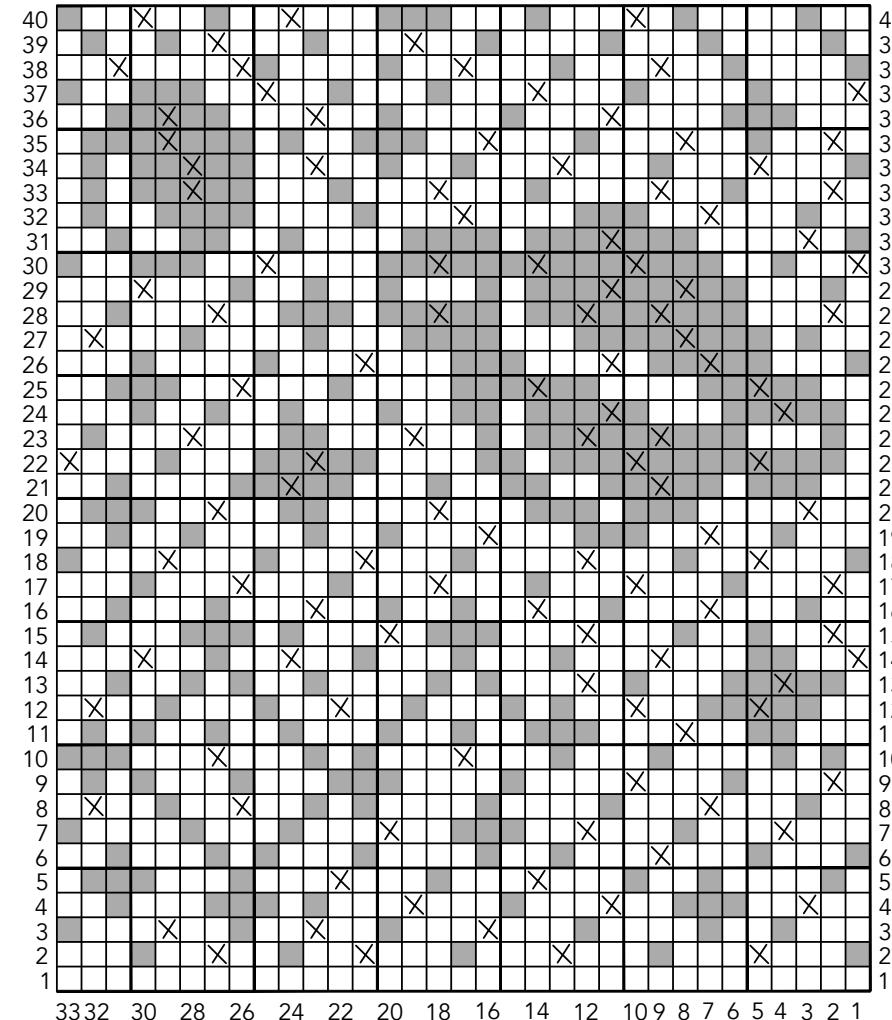
Key

□ knit with MC

■ knit with CC

✗ suggested place to catch float

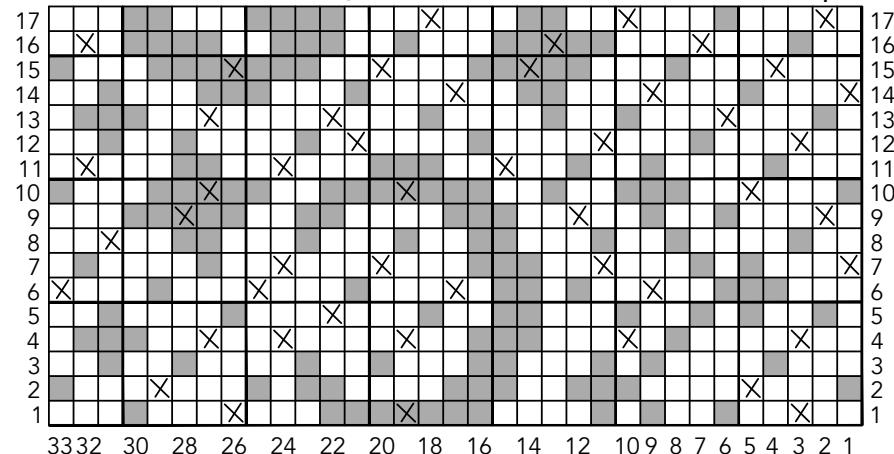
Chart A - size M



CHARTS FOR SIZE M

Version I - MC in white

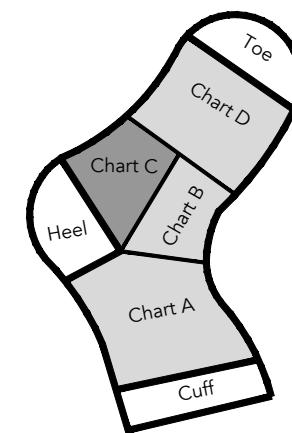
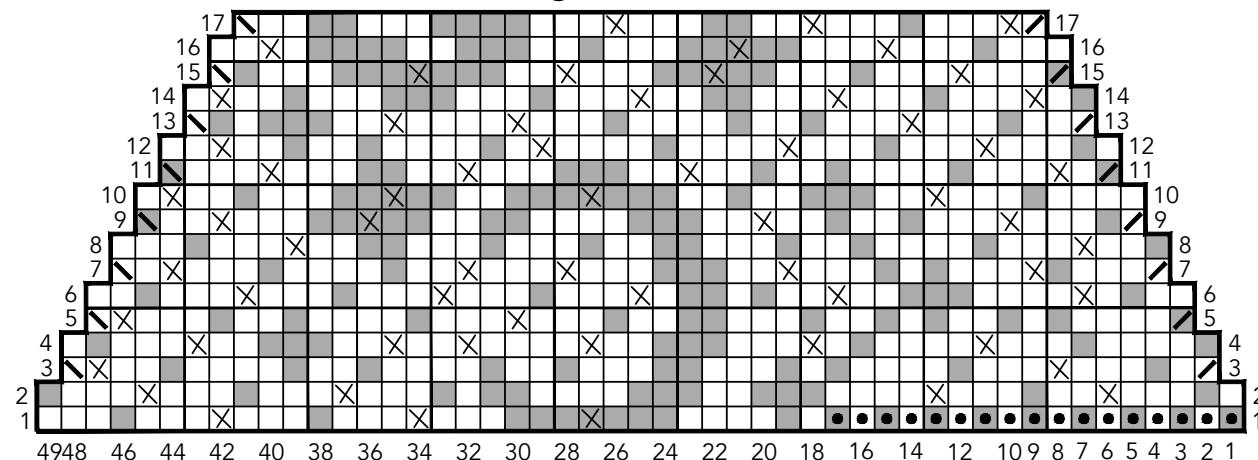
Chart B - size M - gusset decreases - the instep



Key

- knit with MC
- knit with CC
- ☒ k2tog with MC
- ☒ ssk with MC
- ☒ k2tog with CC
- ☒ ssk with CC
- pick up 1 sts with MC
- pick up 1 sts with CC
- ☒ suggested place to catch float

Chart C - size M - gusset decreases - the sole

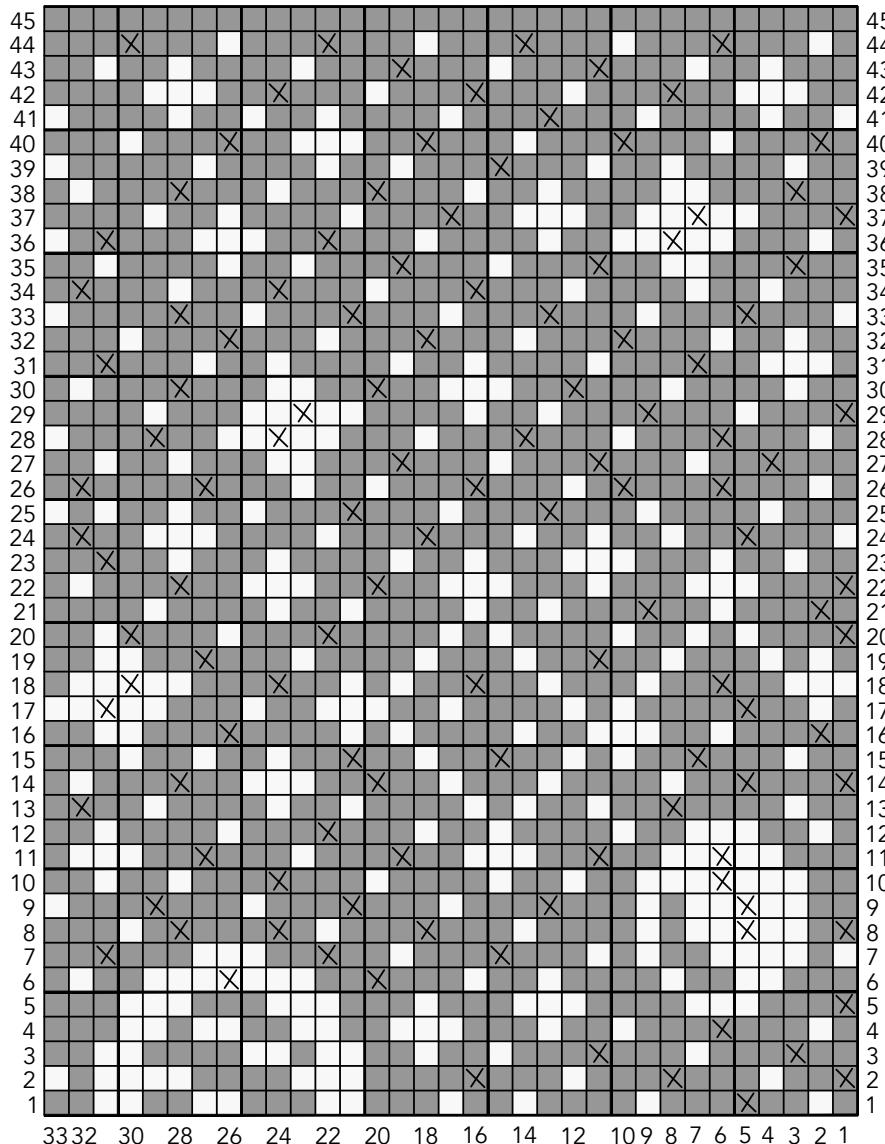


M

CHARTS FOR SIZE M

Chart D - size M

Note: You do not need to complete all rounds of the chart. Work as many rounds as needed to achieve the desired foot length.

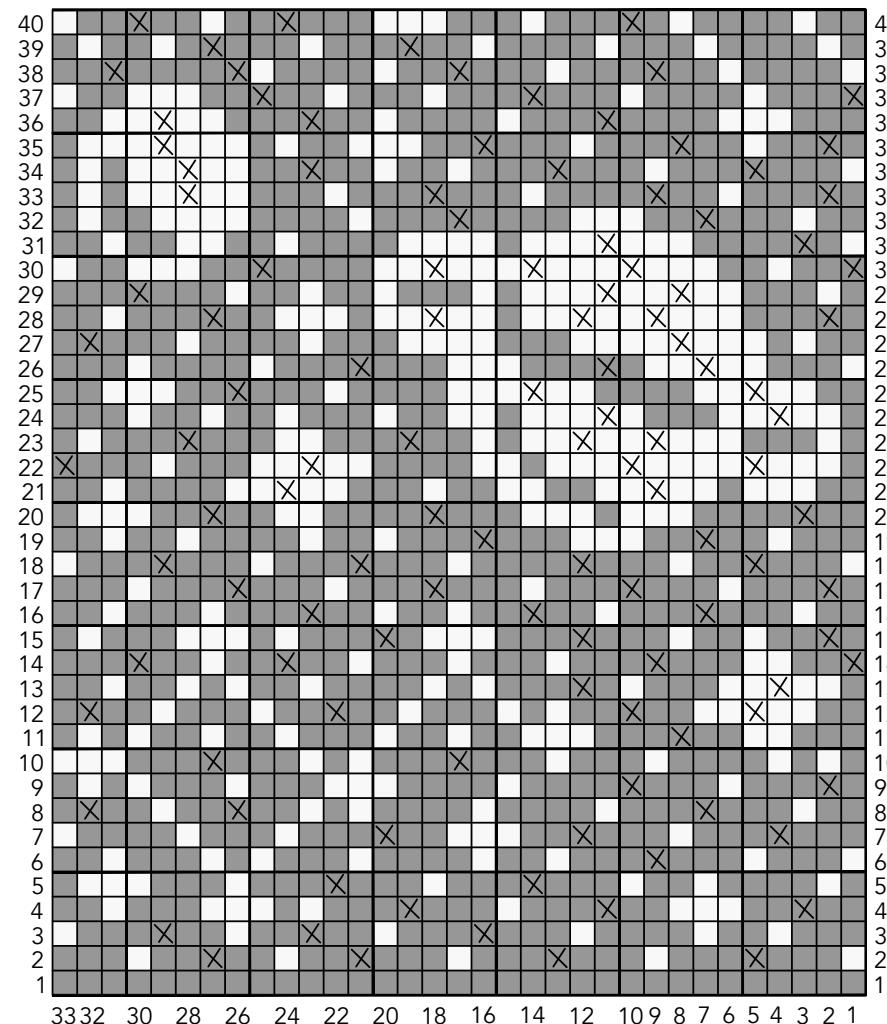


Version II - CC in white

Key

- █ knit with MC
- knit with CC
- ✗ suggested place to catch float

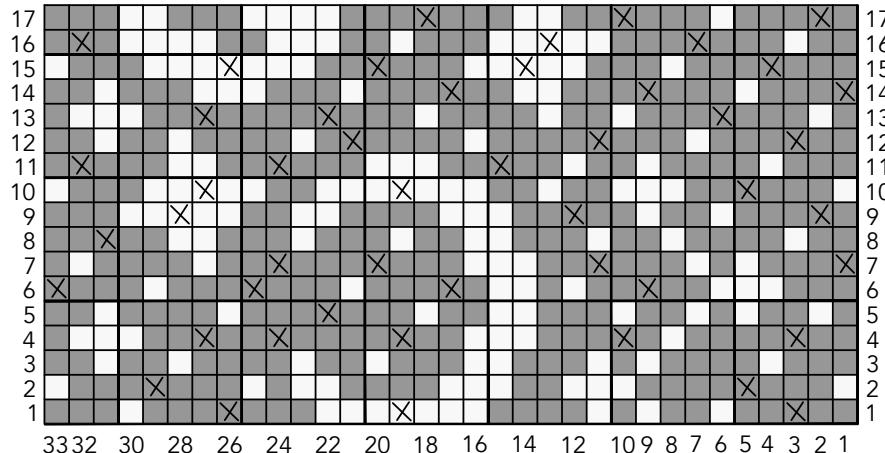
Chart A - size M



CHARTS FOR SIZE M

Version II - CC in white

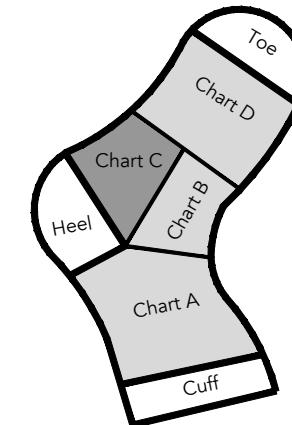
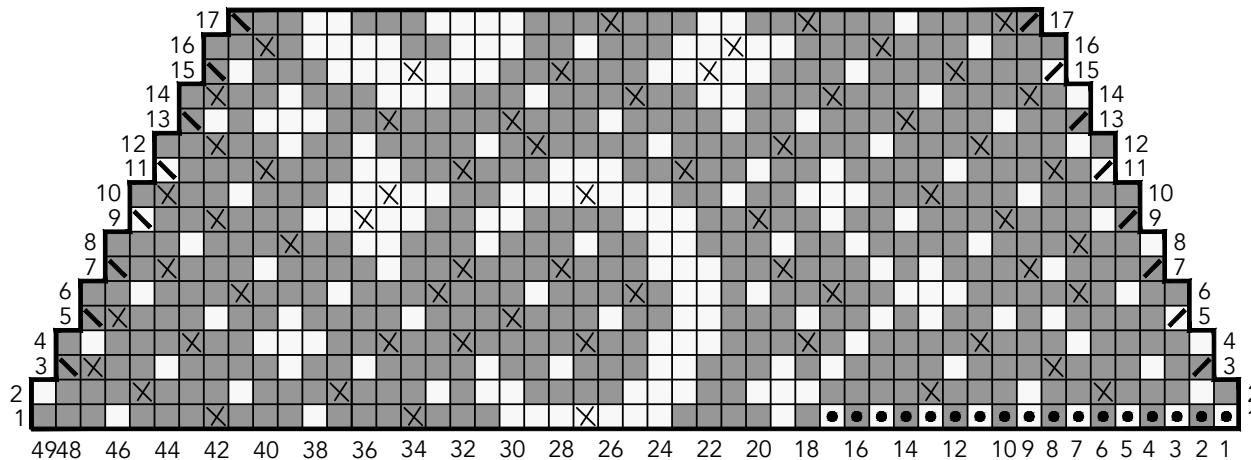
Chart B - size M - gusset decreases - the instep



Key

- █ knit with MC
- █ knit with CC
- █ k2tog with MC
- █ ssk with MC
- █ k2tog with CC
- █ ssk with CC
- pick up 1 sts with MC
- pick up 1 sts with CC
- █ suggested place to catch float

Chart C - size M - gusset decreases

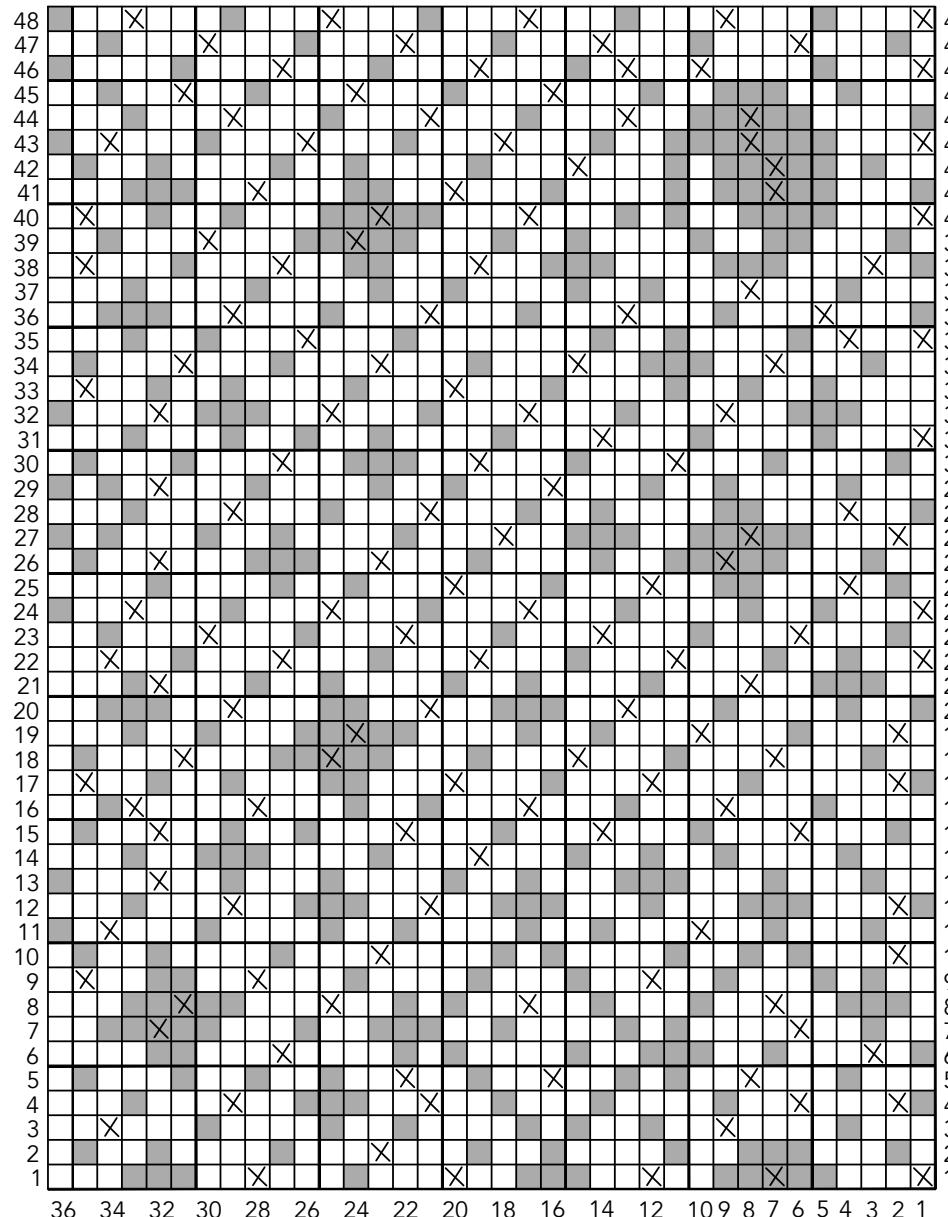


CHARTS FOR SIZE L

Version I - MC in white

Chart D - size L

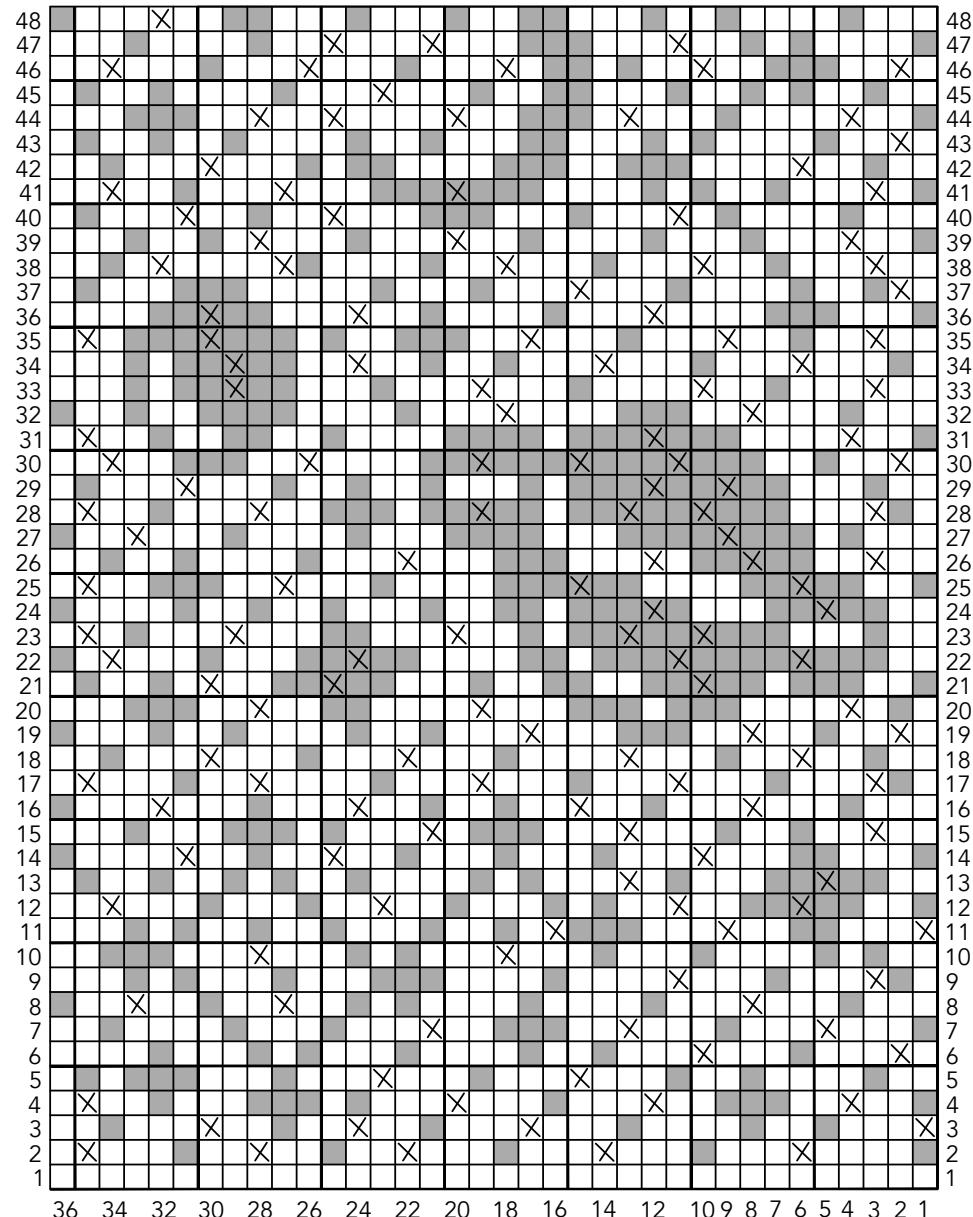
Note: You do not need to complete all rounds of the chart. Work as many rounds as needed to achieve the desired foot length.



SPACE FEET SOCKS

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Chart A - size L



Key

- knit with MC
- knit with CC
- ☒ suggested place to catch float

CHARTS FOR SIZE L

Version I - MC in white

Chart B - size L - gusset decreases - the instep

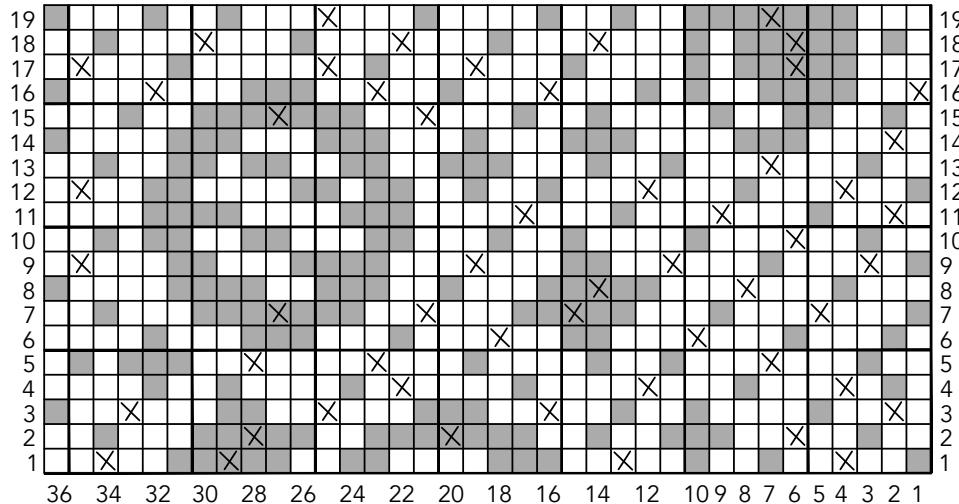
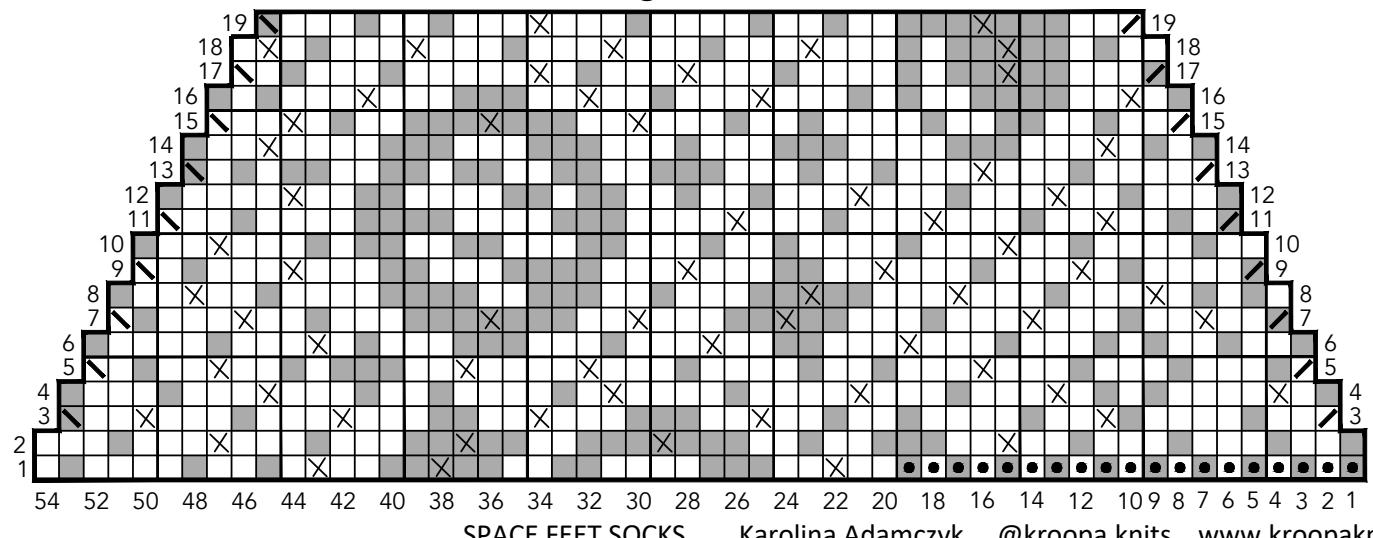


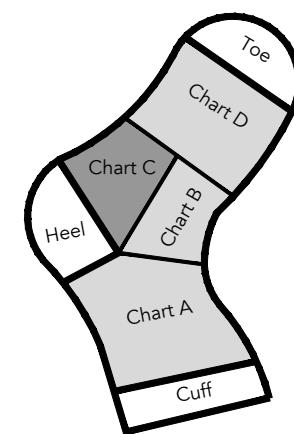
Chart C - size L - gusset decreases - the sole



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Key

- knit with MC
- knit with CC
- ☒ k2tog with MC
- ☒ ssk with MC
- ☒ k2tog with CC
- ☒ ssk with CC
- pick up 1 sts with MC
- pick up 1 sts with CC
- ☒ suggested place to catch float



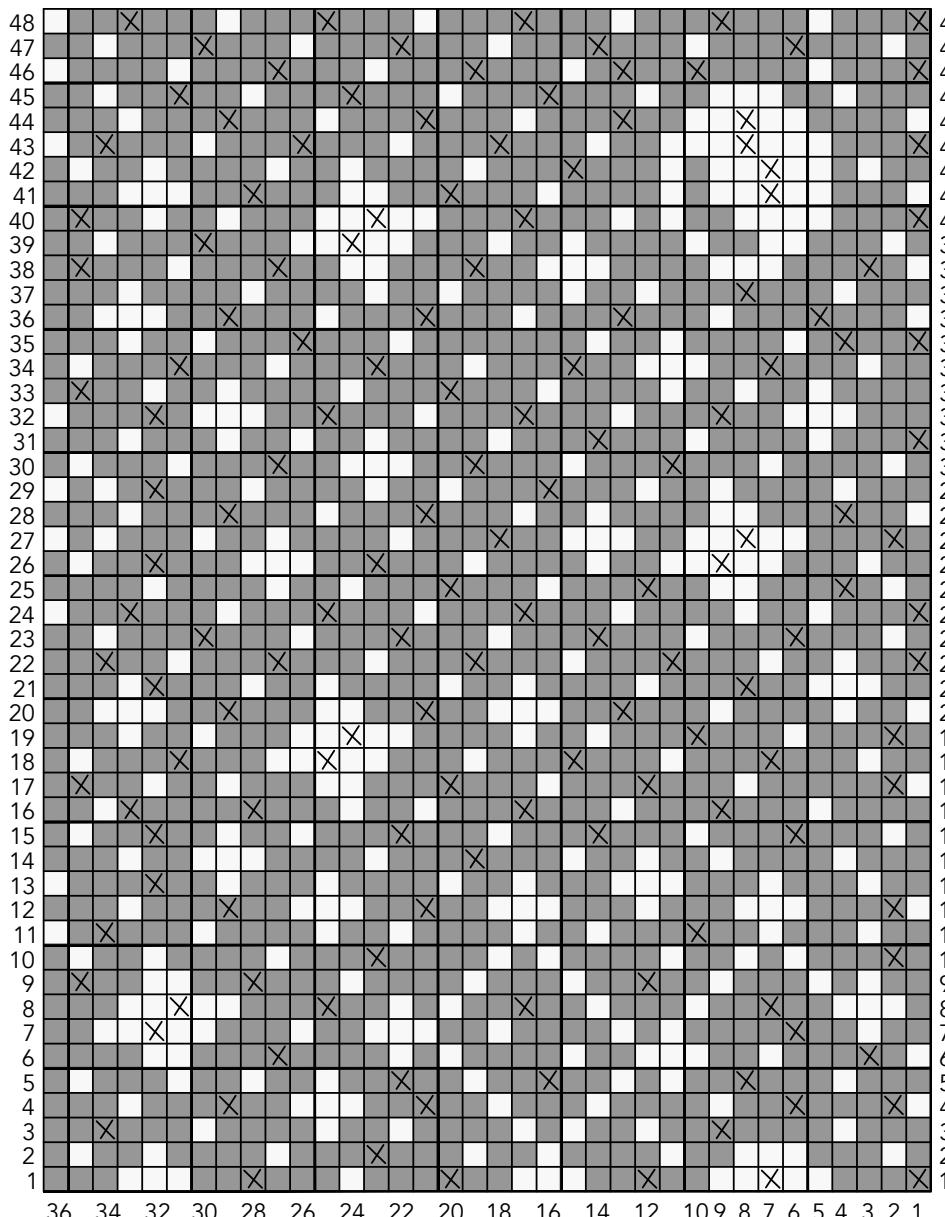


CHARTS FOR SIZE L

Version II - CC in white

Chart D - size L

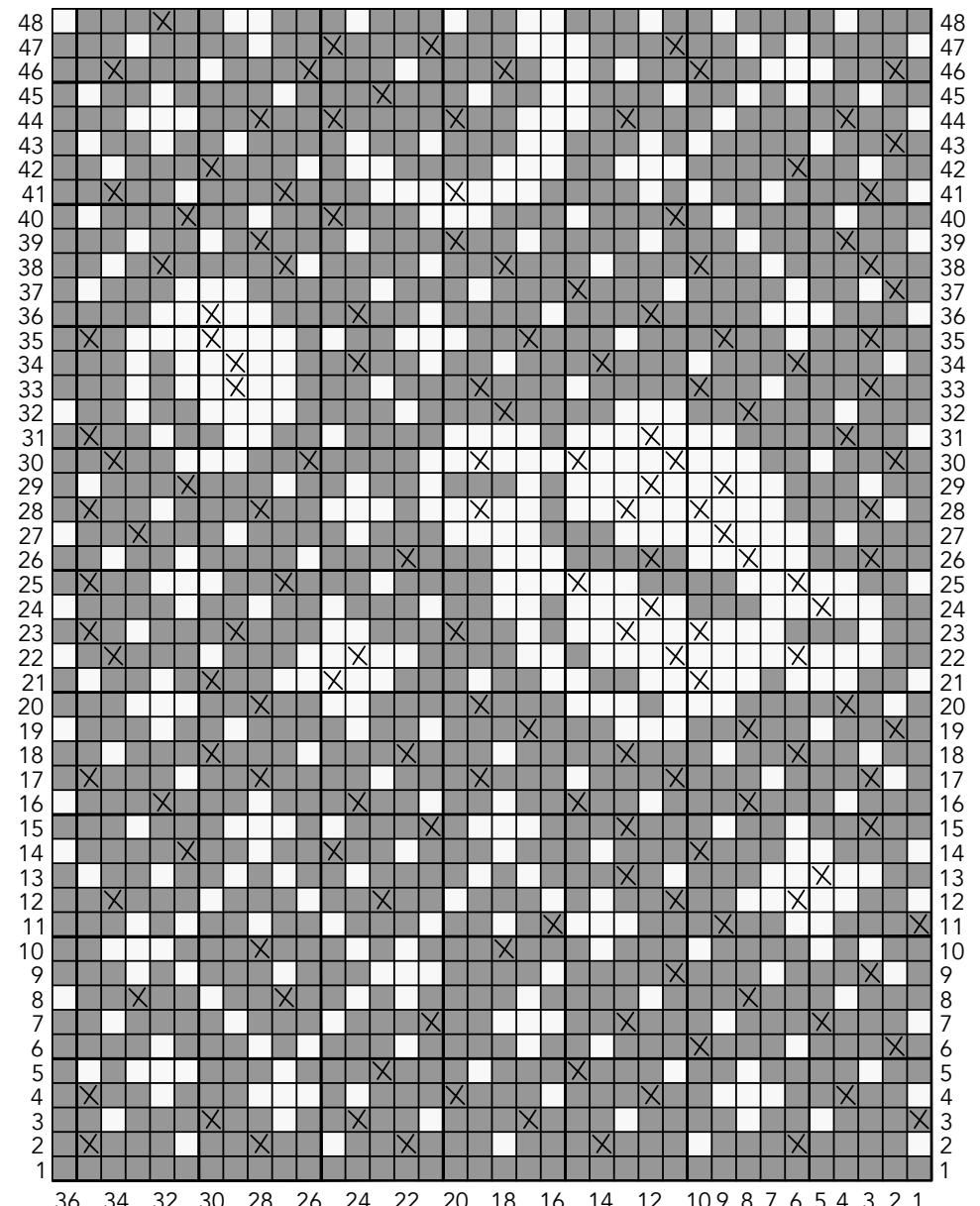
Note: You do not need to complete all rounds of the chart. Work as many rounds as needed to achieve the desired foot length.



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Chart A - size L



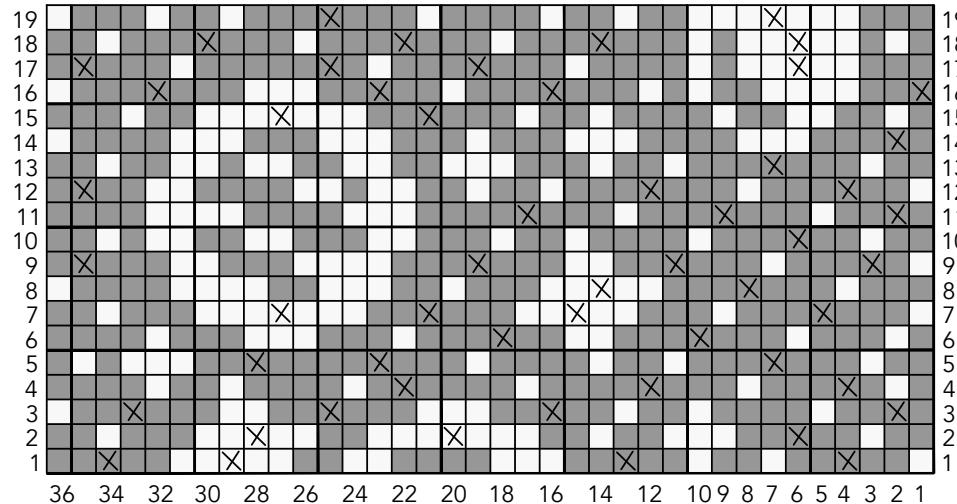
Key

- [Dark Grey Box] knit with MC
- [Light Grey Box] knit with CC
- [X] suggested place to catch float

CHARTS FOR SIZE L

Version II - CC in white

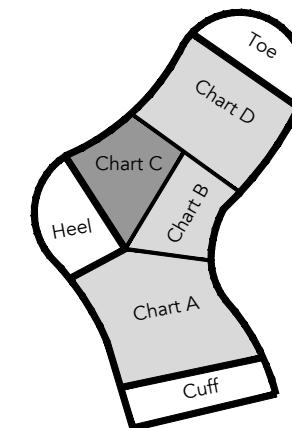
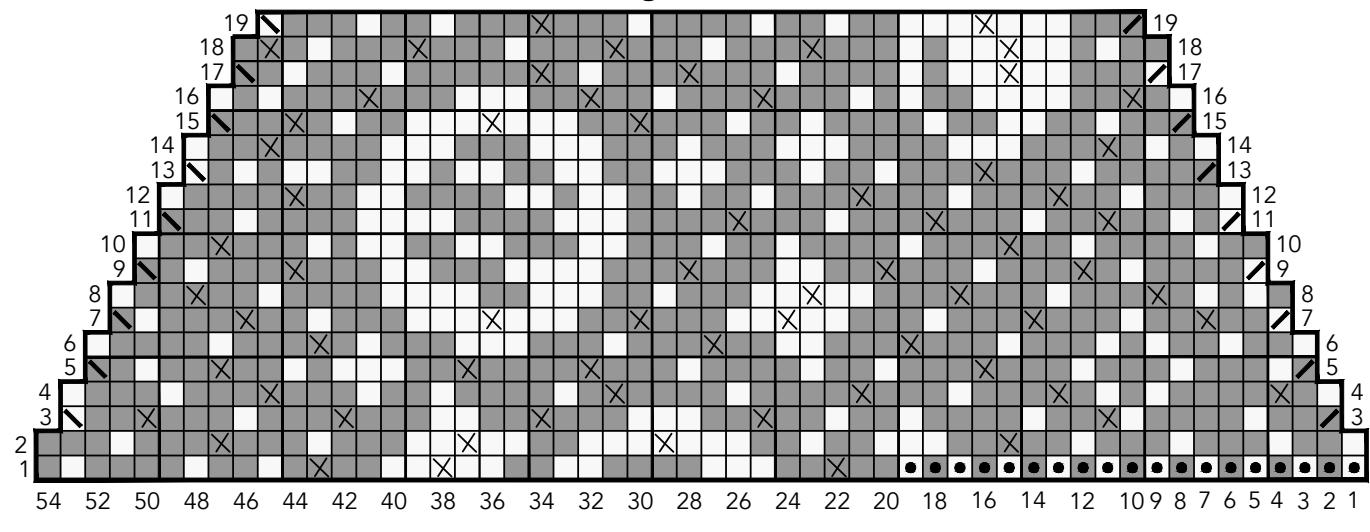
Chart B - size L - gusset decreases - the instep



Key

- knit with MC
- knit with CC
- ☒ k2tog with MC
- ☒ ssk with MC
- ☒ k2tog with CC
- ☒ ssk with CC
- pick up 1 sts with MC
- pick up 1 sts with CC
- ☒ suggested place to catch float

Chart C - size L - gusset decreases - the sole



XL

CHARTS FOR SIZE XL

Version I - MC in white

Chart D - size XL

Note: You do not need to complete all rounds of the chart. Work as many rounds as needed to achieve the desired foot length.

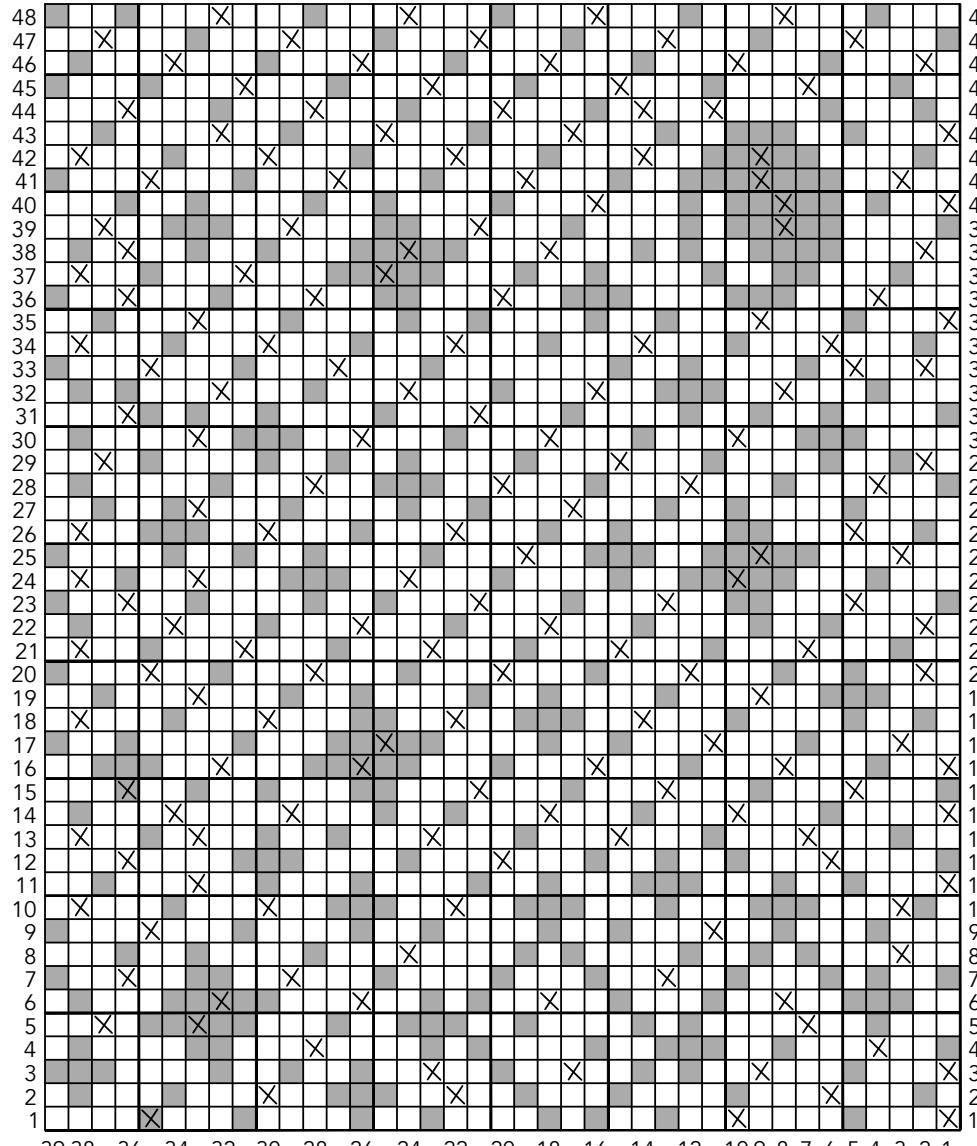
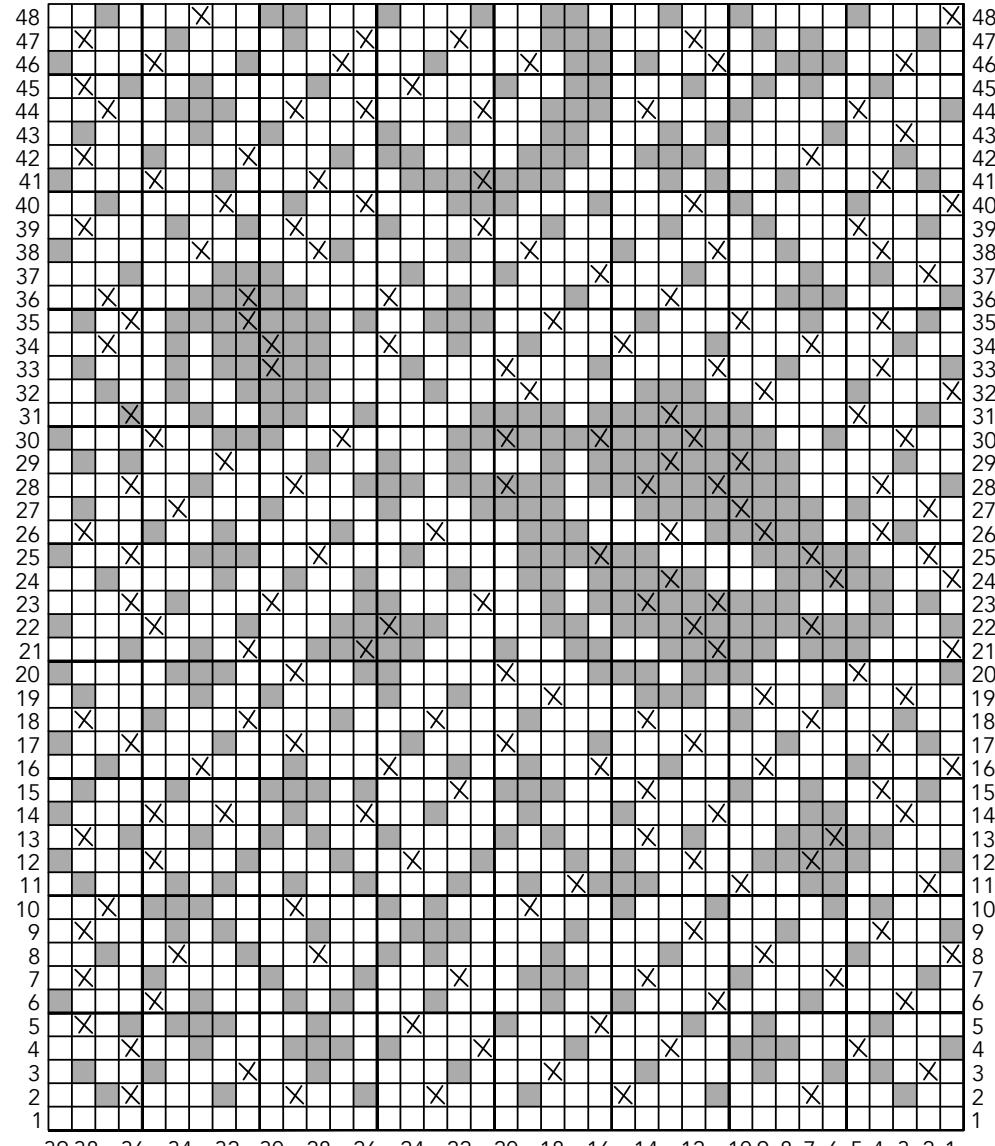


Chart A - size XL



Key

□ knit with MC

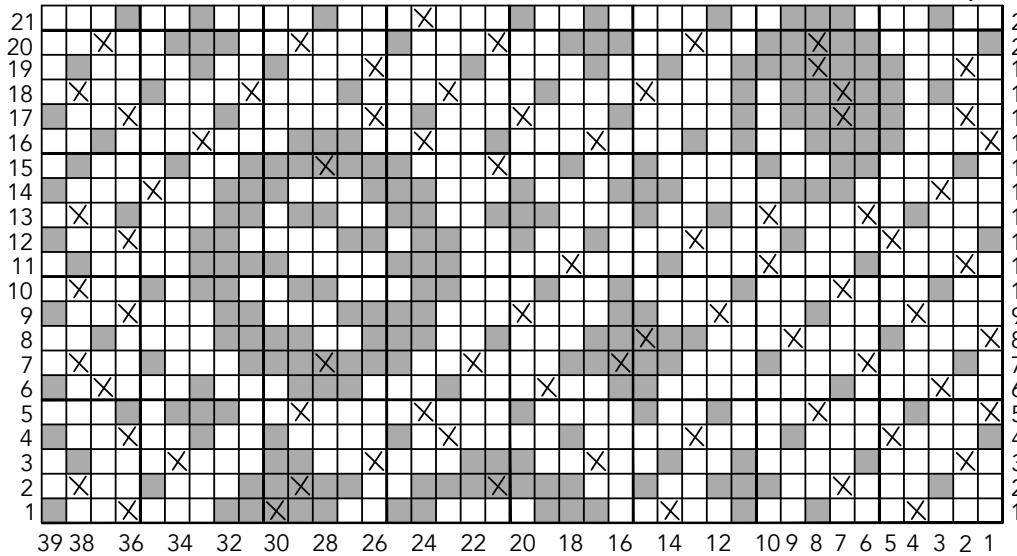
■ knit with CC

☒ suggested place to catch float

CHARTS FOR SIZE XL

Version I - MC in white

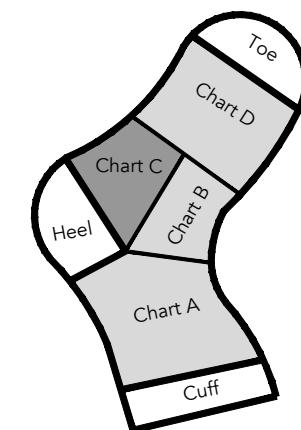
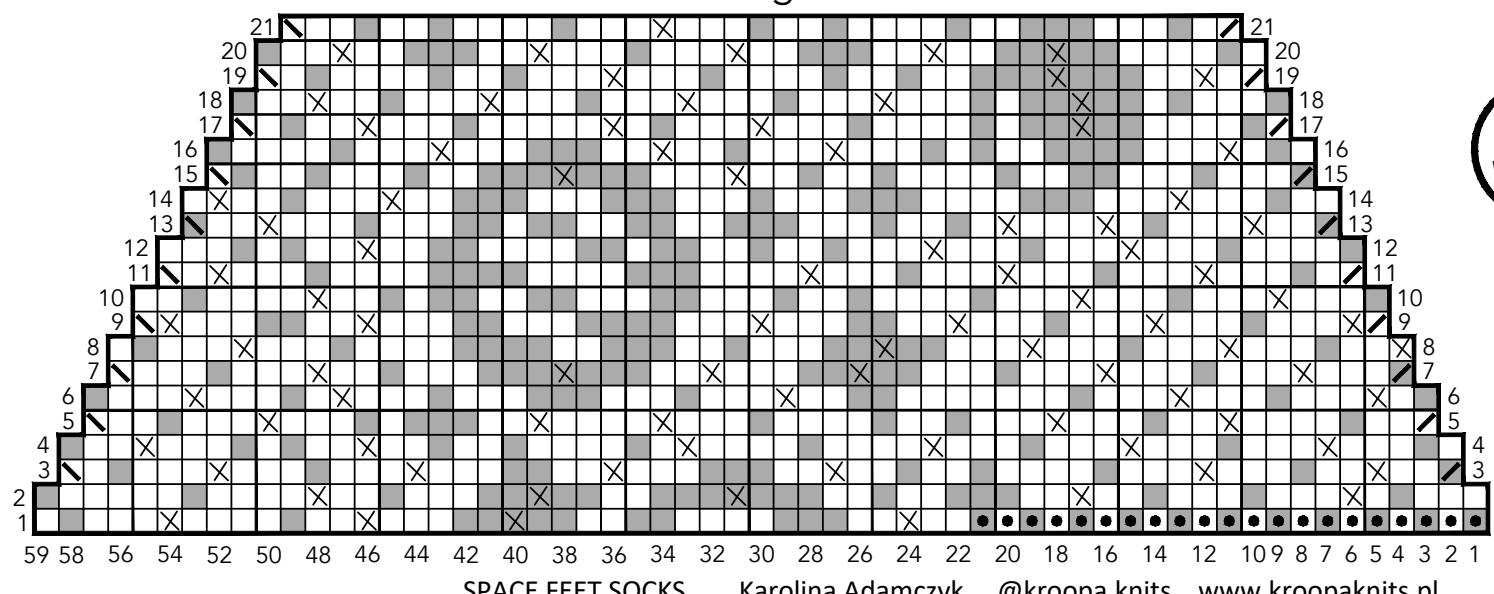
Chart B - size XL - gusset decreases - the instep



Key

- knit with MC
- knit with CC
- ☒ k2tog with MC
- ☒ ssk with MC
- ☒ k2tog with CC
- ☒ ssk with CC
- pick up 1 sts with MC
- pick up 1 sts with CC
- ☒ suggested place to catch float

Chart C - size XL - gusset decreases - the sole



XL

CHARTS FOR SIZE XL

Version II - CC in white

Chart D - size XL

Note: You do not need to complete all rounds of the chart. Work as many rounds as needed to achieve the desired foot length.

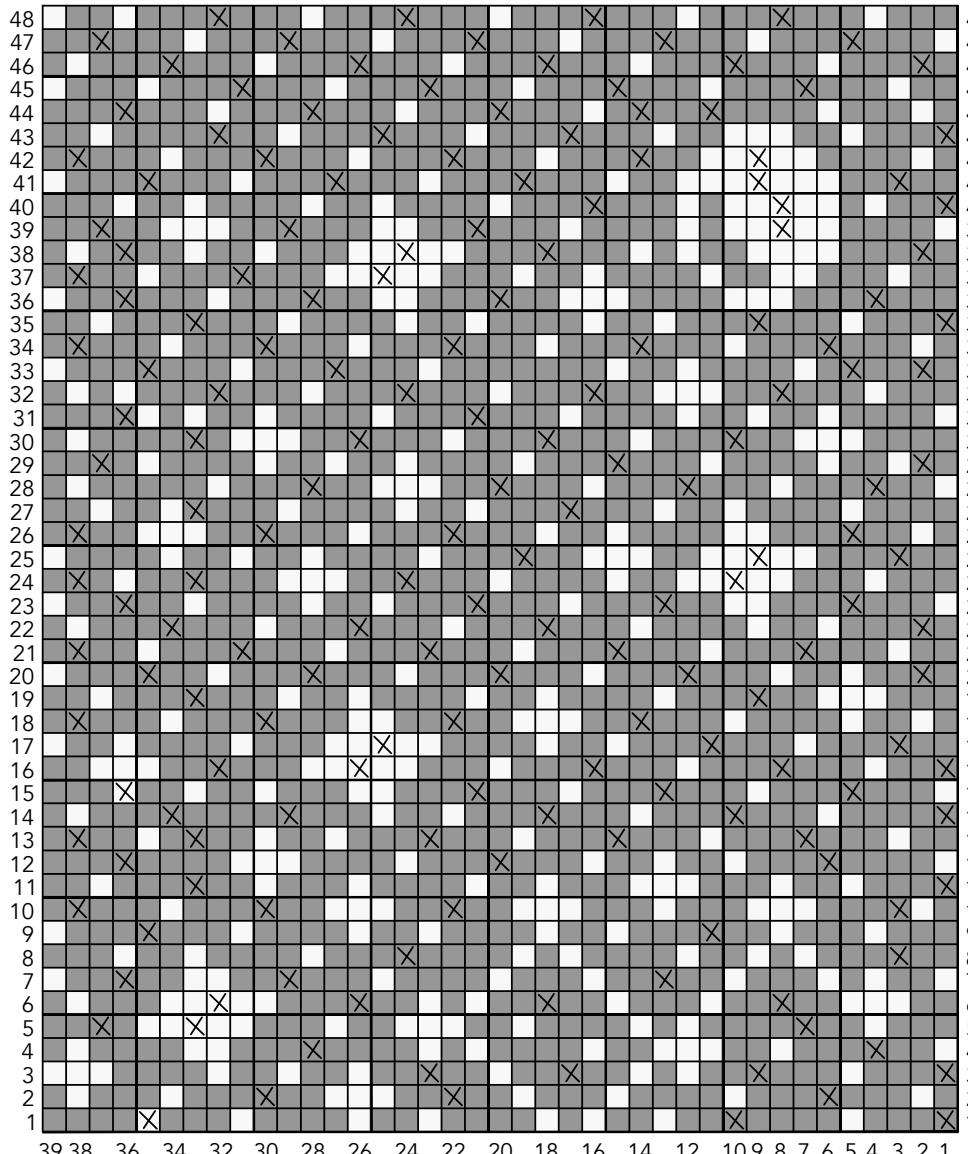
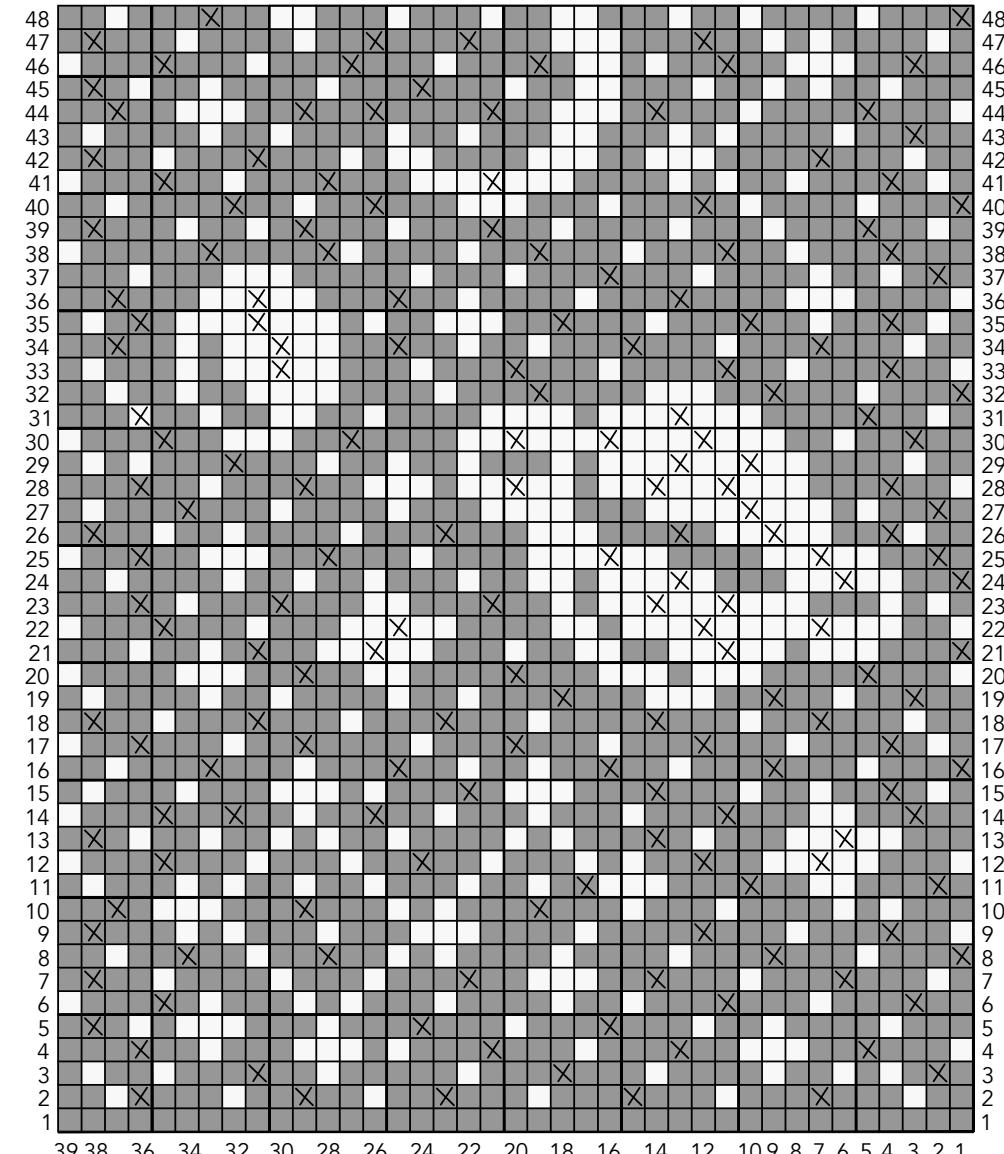


Chart A - size XL



Key

█ knit with MC

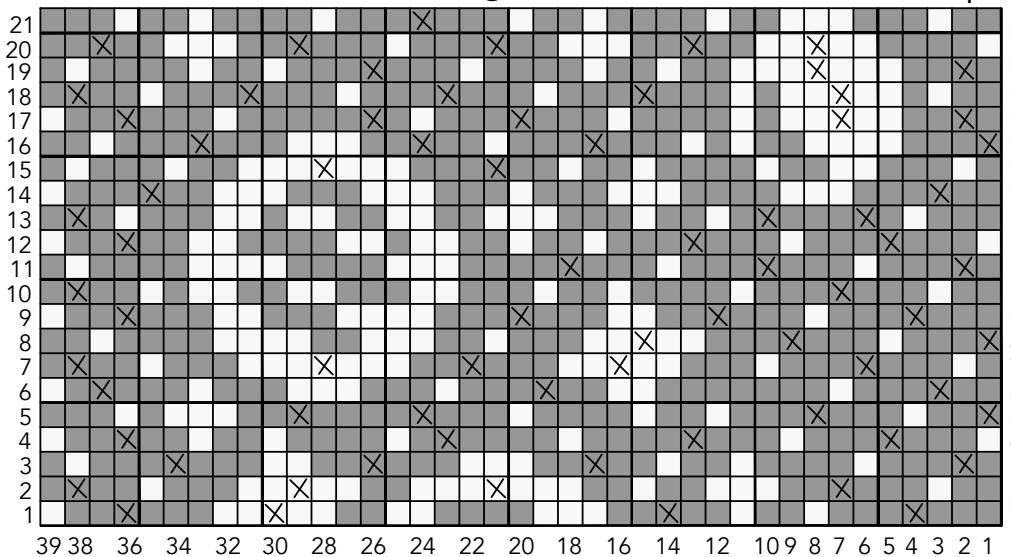
□ knit with CC

✗ suggested place to catch float

CHARTS FOR SIZE XL

Version II - CC in white

Chart B - size XL - gusset decreases - the instep



Key

- █ knit with MC
- █ knit with CC
- █ k2tog with MC
- █ ssk with MC
- █ k2tog with CC
- █ ssk with CC
- pick up 1 sts with MC
- pick up 1 sts with CC
- ✗ suggested place to catch float

Chart C - size XL - gusset decreases - the sole

