

Nautil



Notes

The Nautil socks are worked from the cuff down in an all over stranded colourwork pattern. With dedicated charts for each size and instructions for a short row heel, it's an engaging pattern with a fun motif, suitable for patient colourwork beginners.

Use the hashtag #nautilusocks to share your project.

Pattern, pictures and notes © Audrey Borrego. This pattern is for personal use only.

Yarn :

You will need two colours of fingering weight sock yarn in the following amount :
MC (dark blue in sample) : 160 (**180** / 200 / **220**) m – 175 (**195** / 220 / **240**) yds
CC (green in sample) : 160 (**180** / 200 / **220**) m – 175 (**195** / 220 / **240**) yds

The sample was knit using Lana Grossa Meilenweit Merino Extrafine (420 m – 460 yds / 100 g) in 2410 (MC) and 2449 (CC).

Needles :

Cuff, Heel & Toe : 2.25 mm (US 1) circular needles or DPNs
Colourwork : 2.75 mm (US 2) circular needles or DPNs
or size required to get gauge

Gauge :

32 sts x 36 rnds per 10 cm – 4" with colourwork needles in stranded knitting after blocking

Sizes :

The pattern is written for a 56 (**64** / 72 / **80**) stitch count.
19.5 (**22** / 24.5 / **27**) cm – 19.5 (**22** / 24.5 / **27**)" finished circumference.

Measure your foot at its widest point under the toes and choose the size closest to this measurement.

Notions :

Tapestry needle and scissors
Stitch markers
Row counter recommended

Techniques used :

Socks are knit cuff down
German Twisted Cast-on
1/1 ribbed cuff with stripes
Simple increases and decreases
Stranded knitting with 2 colours per round and few floats to catch
German Short Row Heel
Rounded striped toe with simple decreases
Grafting
Pattern includes charted instructions
Charts show two contrast options (light / dark background and dark / light motifs)

Abbreviations :

- MC : main colour / CC : contrast colour
- (RS) : right side / (WS) : wrong side / BOR : beginning of round
- st(s) : stitch(es) / rnd(s) : round(s)
- m : marker / PM : place marker / sm : slip marker
- inc : increase / dec : decrease
- k : knit stitch / p : purl stitch
- m1L : make 1 left, lift the bar between the stitches onto the left needle from front to back, knit through the back loop (1 inc)
- k2tog : knit 2 sts together (1 dec)
- ssk : slip the next 2 sts separately knitwise and knit them together through the back loops (1 dec)
- DS : double stitch for German short rows (counts as only 1 st)
- *-* : repeat instructions between asterisks

Sock Construction :

You can consider the sock to be split into two parts : the back leg that will become the heel then the sole on the bottom of the foot and the front leg that will become the top of the foot after the heel.

At the beginning, you will place two markers : one for the BOR and one for the side. These will never move so you will always have them just on either side of the front leg / top of the foot.

Colourwork :

Catching floats : in fingering weight, you can catch floats when skipping more than 7 stitches. You may do it more often if you prefer, just make sure not to catch a float in the same place in two consecutive rounds.

Colour dominance : CC will form the motifs while MC will be the background colour. To have consistent colour dominance : hold CC to the left and always carry it under MC without twisting the strands.

Reading the Chart :

When knitting in the round, always read the Charts from right to left.

You will find two sets of Charts in the pattern with opposite contrasts : one with a light background colour (MC) and one with a dark background colour. Follow the one closer to your colour choice.

Chart List :

You will find the Charts on pages :

Size 56 : Light MC page 6 / Dark MC page 12.

Size 64 : Light MC page 7 / Dark MC page 13.

Size 72 : Light MC pages 8-9 / Dark MC pages 14-15.

Size 80 : Light MC pages 10-11 / Dark MC pages 16-17.

Cuff

Using CC and smaller needles, cast-on 56 (**64** / 72 / **80**) sts using the [German Twisted Cast-on](#).

(German Twisted Cast-on tutorial by Very Pink Knits)

Join to work in the round and PM for BOR.

You will work a ribbed cuff with stripes. To avoid a visible jog in the purl sts, there will be a knit rnd for each colour change. Carry the unused colour by loosely twisting it the strands at the BOR every other rnd.

CC rnds 1 to 4 : *k1, p1* to end

MC rnd 5 : knit

MC rnds 6-7 : *k1, p1* to end

CC rnd 8 : knit

Work rnds 1 to 8 a total of 2 times (16 rnds total worked).

CC rnds 17 to 25 : *k1, p1* to end

Leg

You will change needles and increase the stitch count for the colourwork.

Try on the sock after you have made about 5 cm – 2" in stranded knitting to make sure the fit is correct. It should go over your heel easily but not be too loose around your leg. Adjust needle size accordingly.

Switch to larger needles.

MC inc rnd : k2 (**4** / 0 / **2**), *m1L, k9 (**10** / 12 / **13**)* to end (6 inc)

62 (**70** / 78 / **86**) sts

PM after the first 31 (**35** / 39 / **43**) sts to mark the side.

Work Chart A once completely (rnds 1 to 9), making two repeats on each rnd.

Then work Chart B, making two repeats on each rnd, until desired leg length. Preferably end after a rnd 18 or 36.

On the sample, the leg measures 17 cm – 6 ¾" from cast-on, with one full Chart B (rnds 1 to 36) on the leg.

German short row heel

Cut CC. The heel is worked in MC using smaller needles.

Here is a [tutorial](#) for Double Stitches.

(German short-rows tutorial by Very Pink Knits)

Work the heel back and forth over the first 31 (**35** / 39 / **43**) sts as follows :

(RS) row 1 : k31 (**35** / 39 / **43**), turn.

(WS) row 2 : DS, p30 (**34** / 38 / **42**), turn

row 3 : DS, knit to DS (do not work it), turn

row 4 : DS, purl to DS (do not work it), turn

Repeat rows 3-4 until you purl 10 stitches in the center, turn.

You will now build the second half of the heel. To avoid getting holes on the sides pull tight when you knit the DS.

(RS) row 1 : DS, knit to DS, knit 2 DS as if they were regular stitches, turn

(WS) row 2 : DS, purl to DS, purl 2 DS as if they were regular stitches, turn

Repeat rows 1-2 until you have only one DS left on one side of the heel.

(RS) next row : DS, knit to side m

You are ready to work in the rnd again. Close the last DS on the following rnd. You will need to rejoin CC here on the side and knit a half round of the pattern on the last half of the sts.

If needed, pick up extra stitches at the corners of the heel to close the gap. Decrease those stitches in the following round.

Foot

Resume working Chart B where you stopped with the larger needles.

Work until the foot measures about 4 cm – 1 ½" less than desired foot length, adjusting for your preferred fit.

Knit 1 rnd in MC.

Toe

Switch to smaller needles.

CC dec rnd : k2 (**4** / 0 / **2**), *k2tog, k8 (**9** / 11 / **12**)* to end (*6 dec*)

56 (64 / 72 / 80) sts

The toe will also feature stripes. Carry the unused colour as you did for the cuff.

CC rnd 1 (dec rnd) : (k1, ssk, knit to 3 sts before side m, k2tog, k1, sm) x 2 (*4 dec*)

CC rnds 2, 3 : knit

MC rnd 4 : knit

MC rnd 5 : (k1, ssk, knit to 3 sts before side m, k2tog, k1, sm) x 2 (*4 dec*)

CC rnds 6-7 : knit

CC rnd 8 : (k1, ssk, knit to 3 sts before side m, k2tog, k1, sm) x 2 (*4 dec*)

CC rnd 9 : knit

MC rnds 10-11 : (k1, ssk, knit to 3 sts before side m, k2tog, k1, sm) x 2 (*4 dec*)

Cut MC.

Then repeat only the dec rnd using CC until you have 16 (**20** / 24 / **28**) stitches total left. Graft those using the [kitchener stitch](#). (*Kitchener stitch tutorial by Very Pink Knits*)

Weave in all ends and block the socks.

SIZE 56 LIGHT MC

MC

CHART A

CC

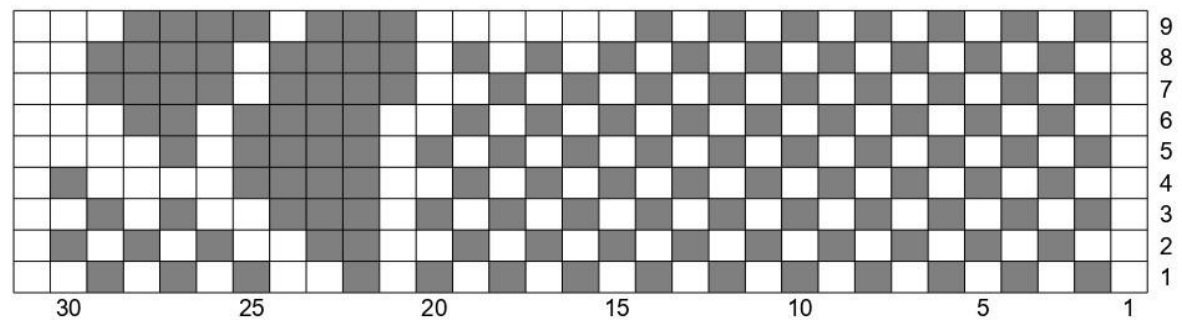
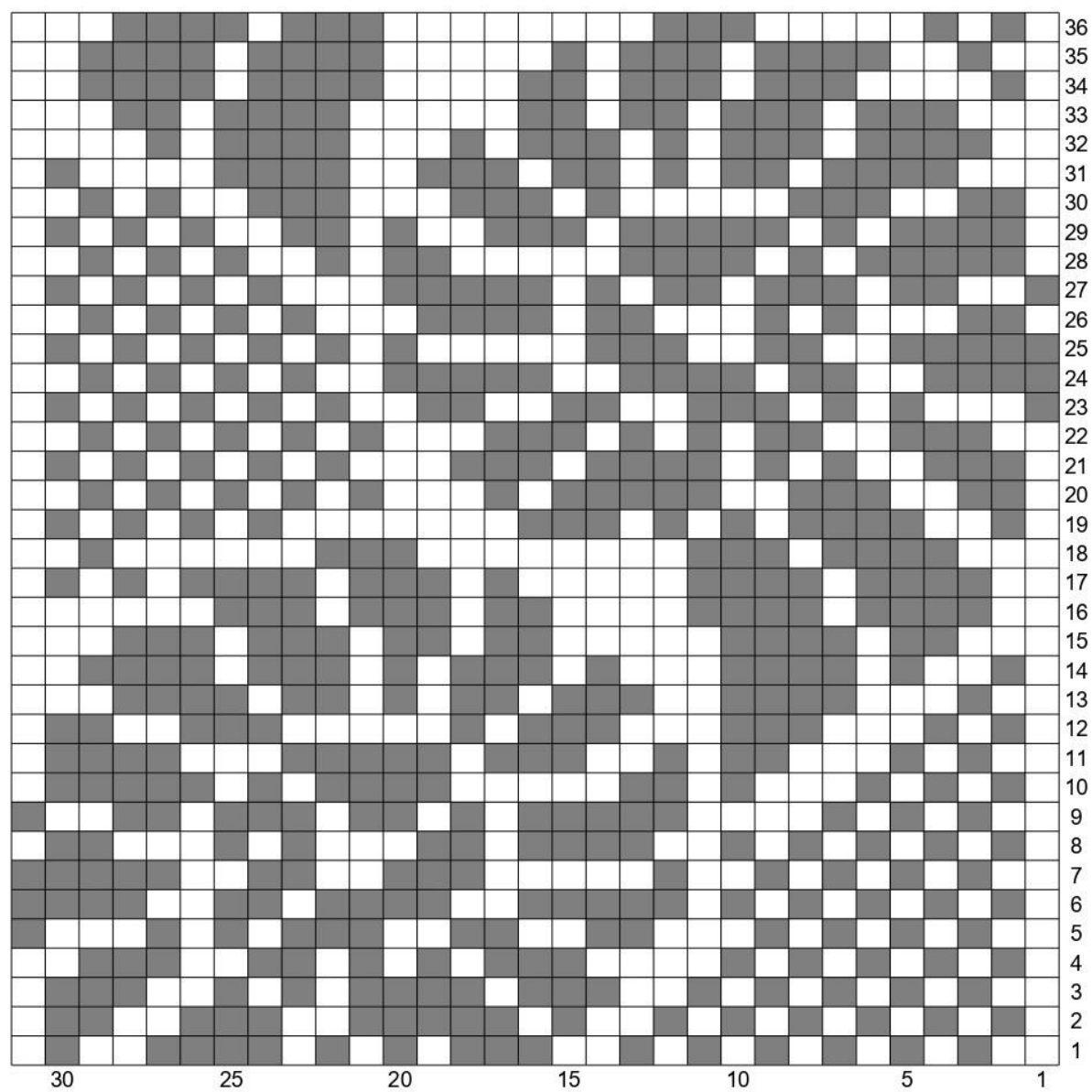


CHART B



SIZE 64 LIGHT MC

CHART A

MC

CC

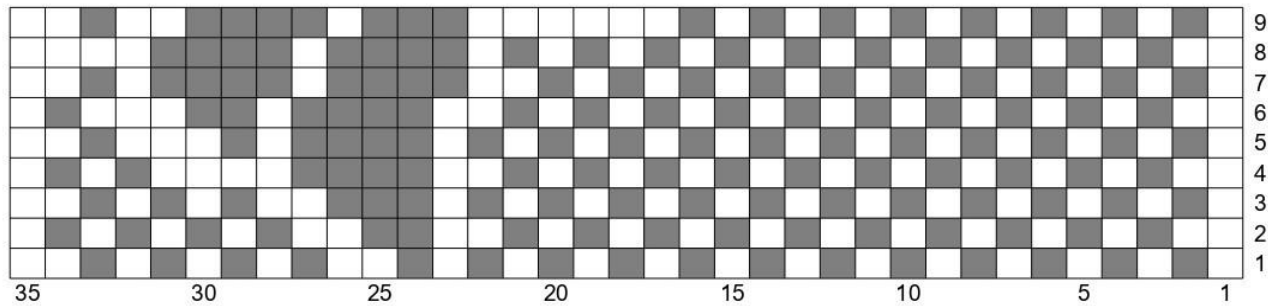
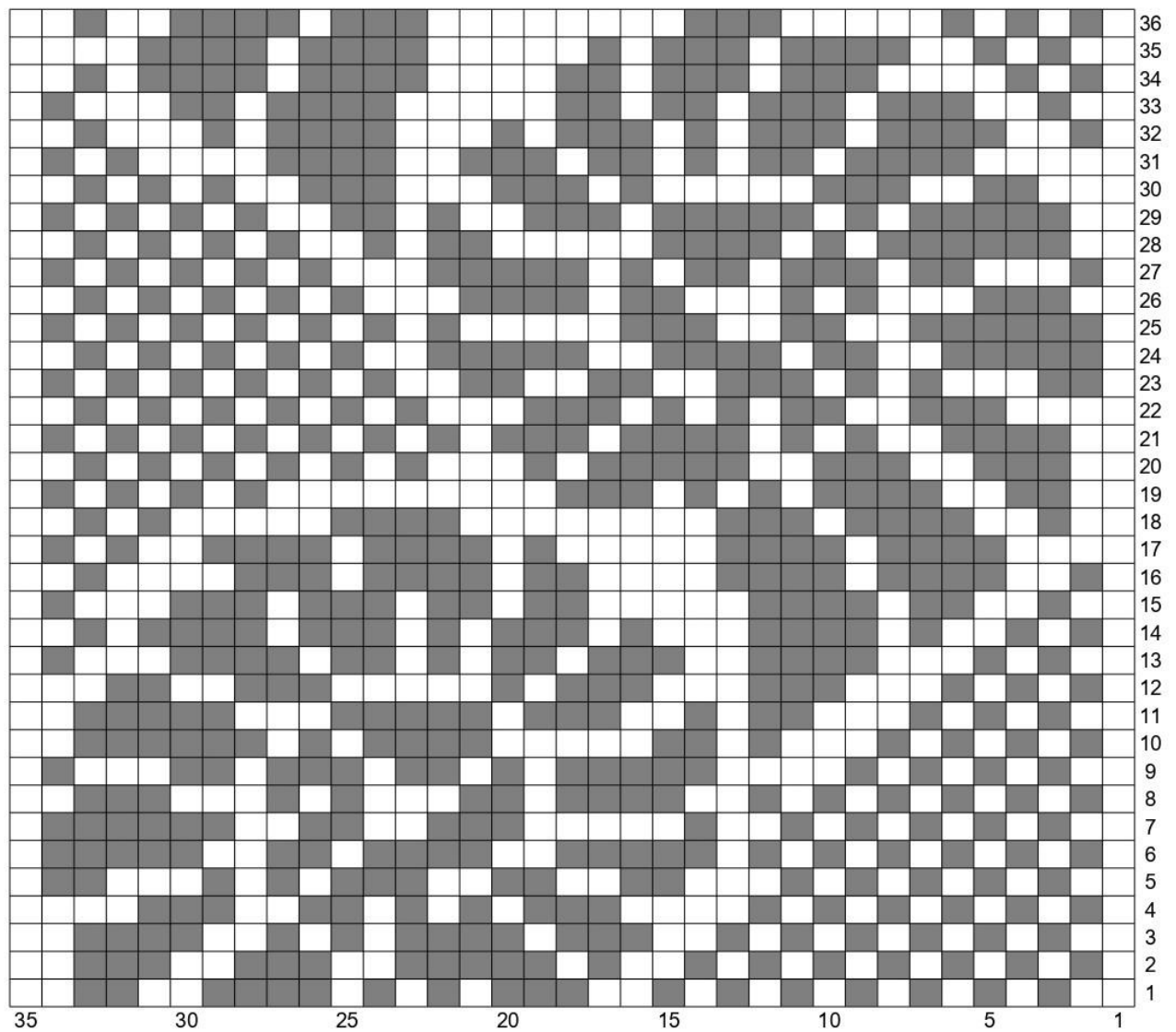
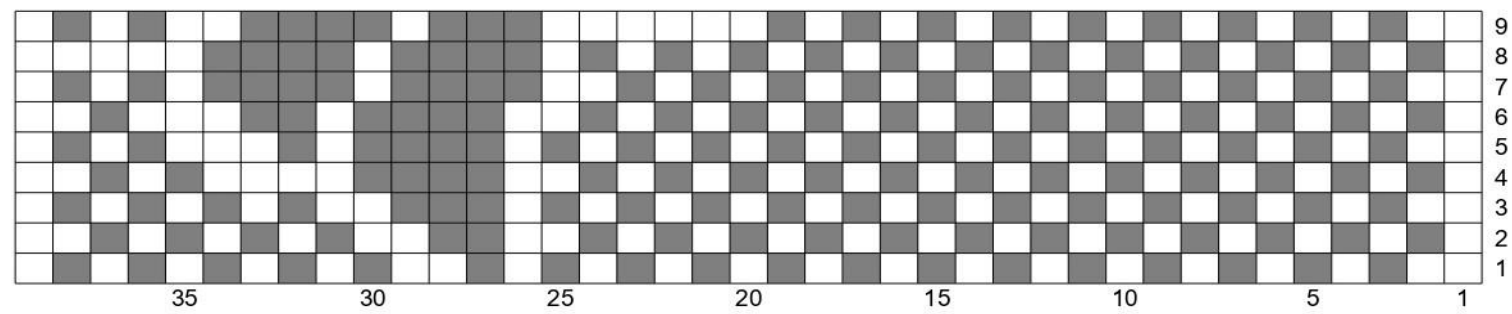


CHART B



SIZE 72 LIGHT MC

CHART A



MC

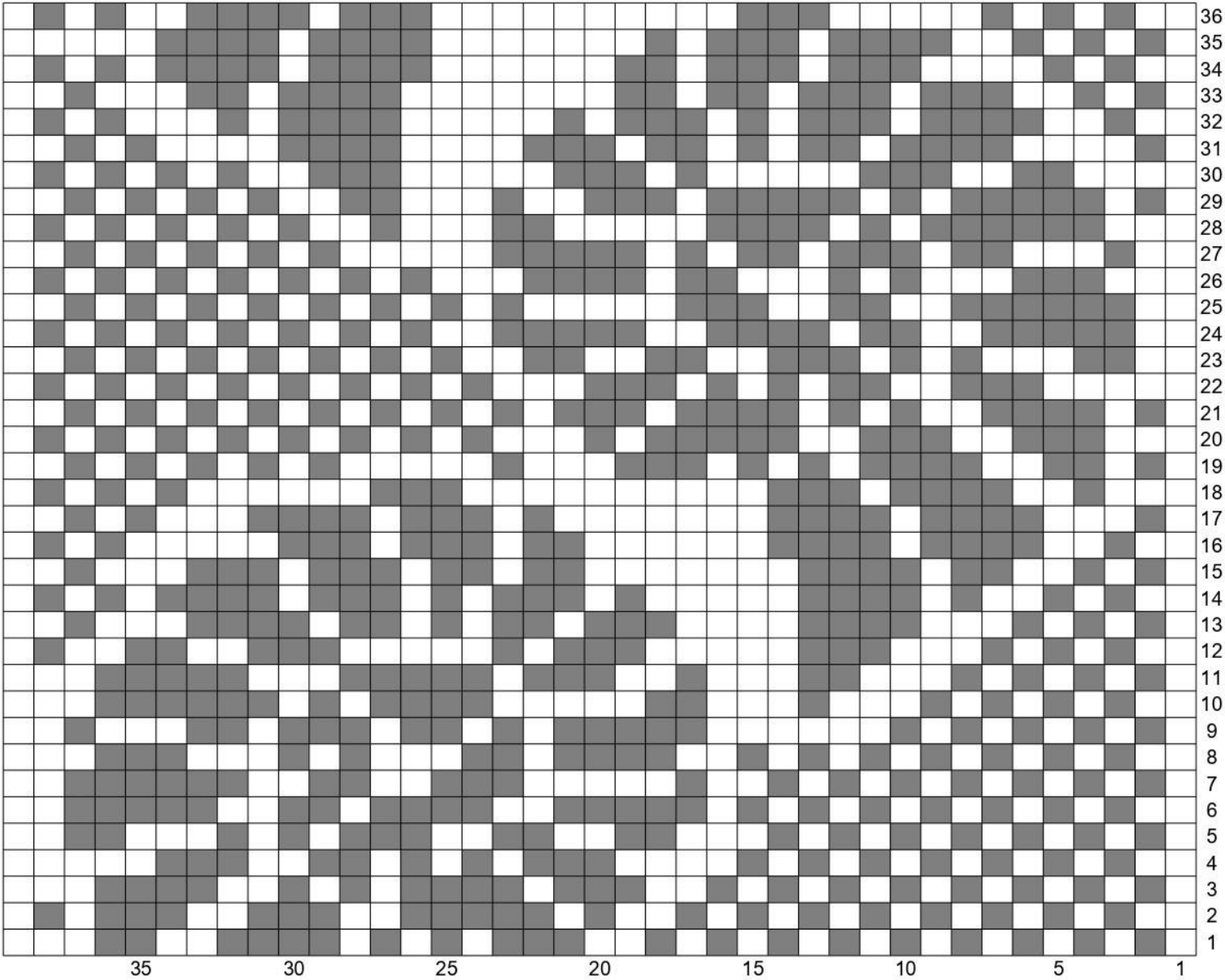
CC

SIZE 72 LIGHT MC

CHART B

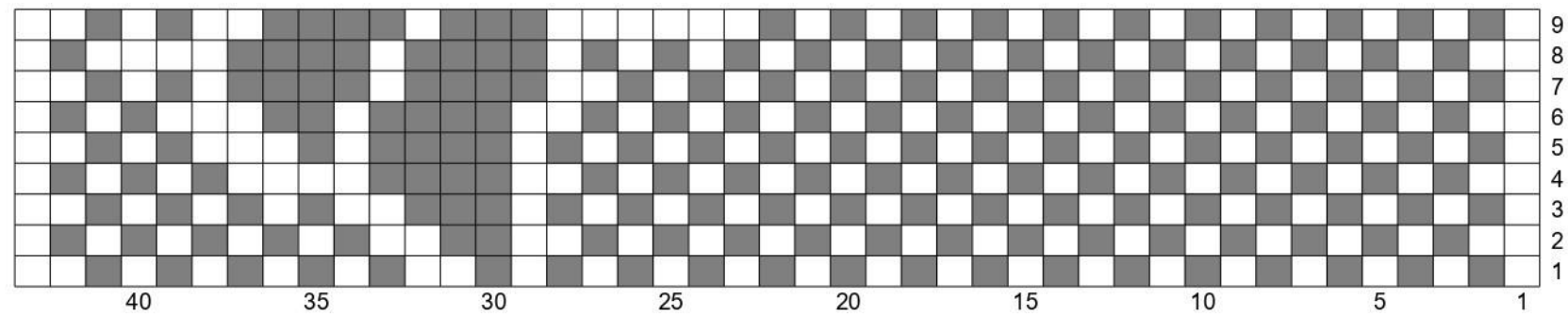
MC

CC



SIZE 8o LIGHT MC

CHART A



MC

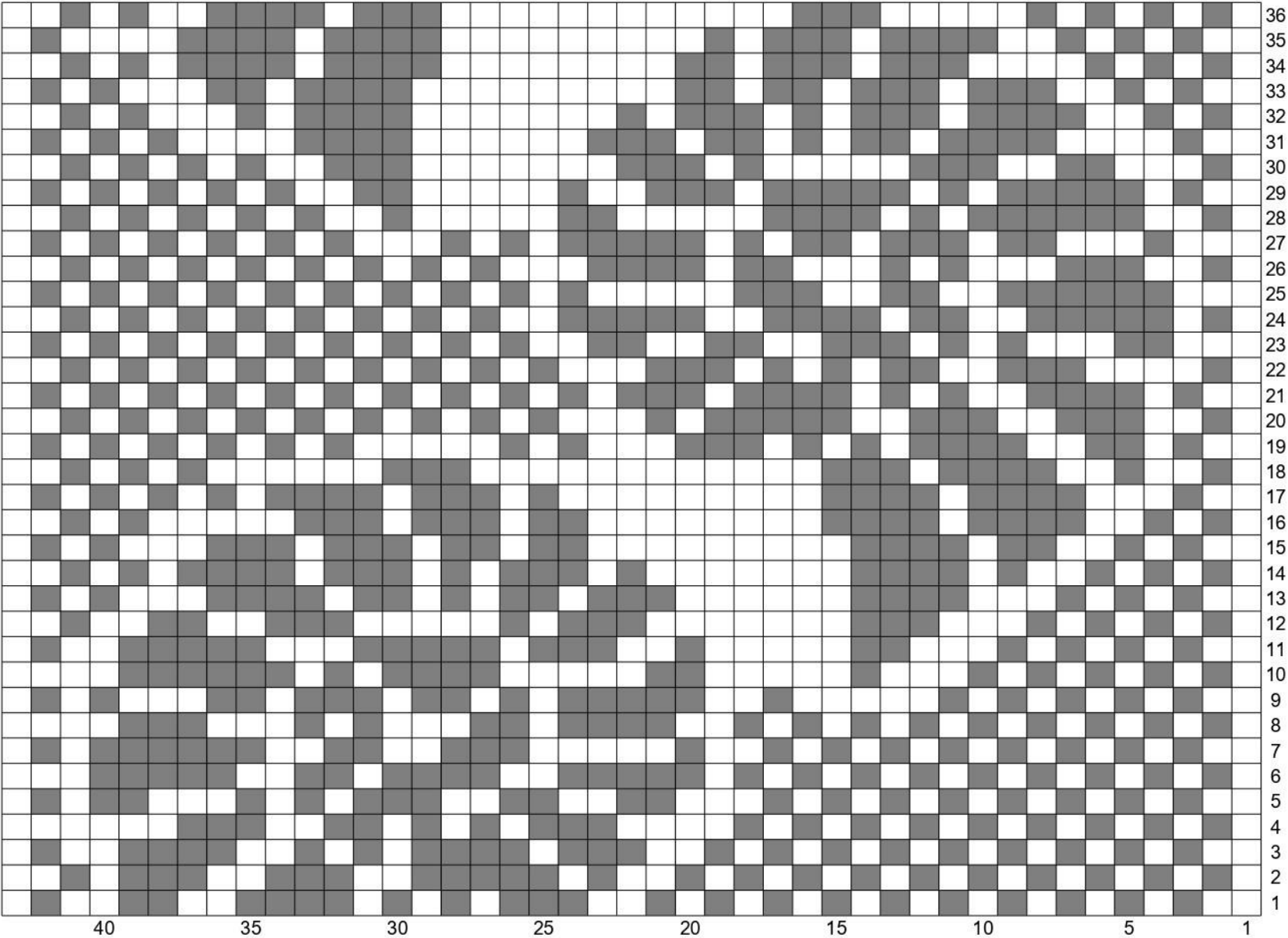
CC

SIZE 8o LIGHT MC

CHART B

MC

CC



SIZE 56 DARK MC

CHART A

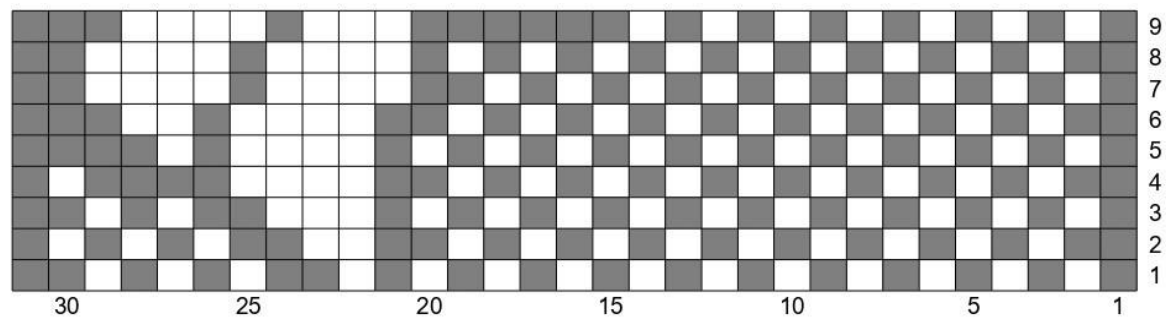
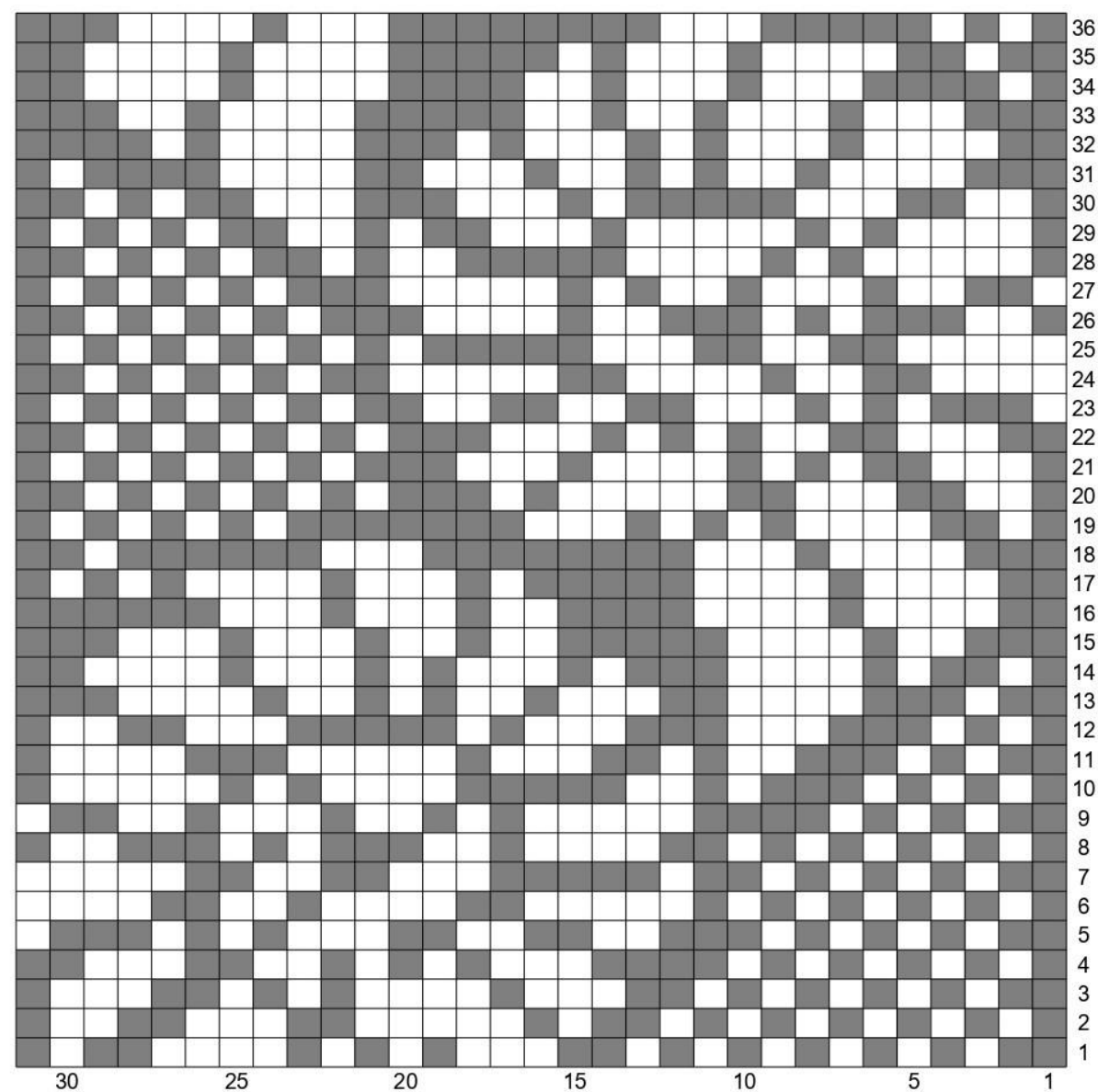


CHART B



SIZE 64 DARK MC

MC
CC

CHART A

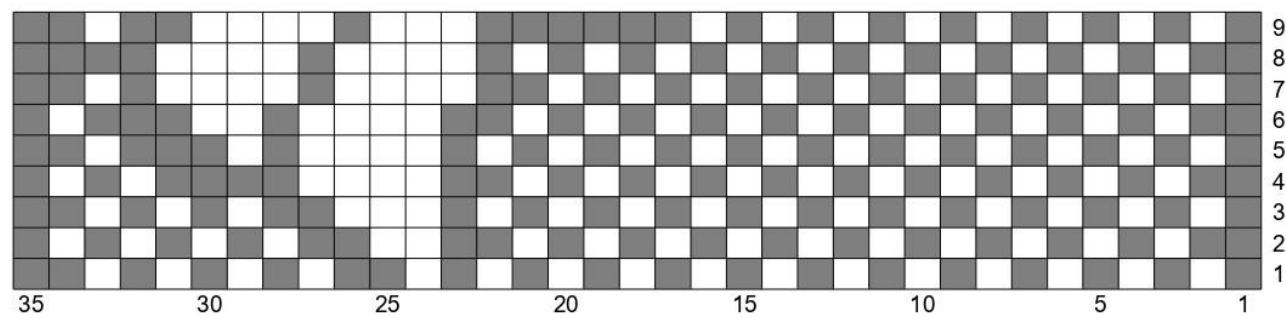
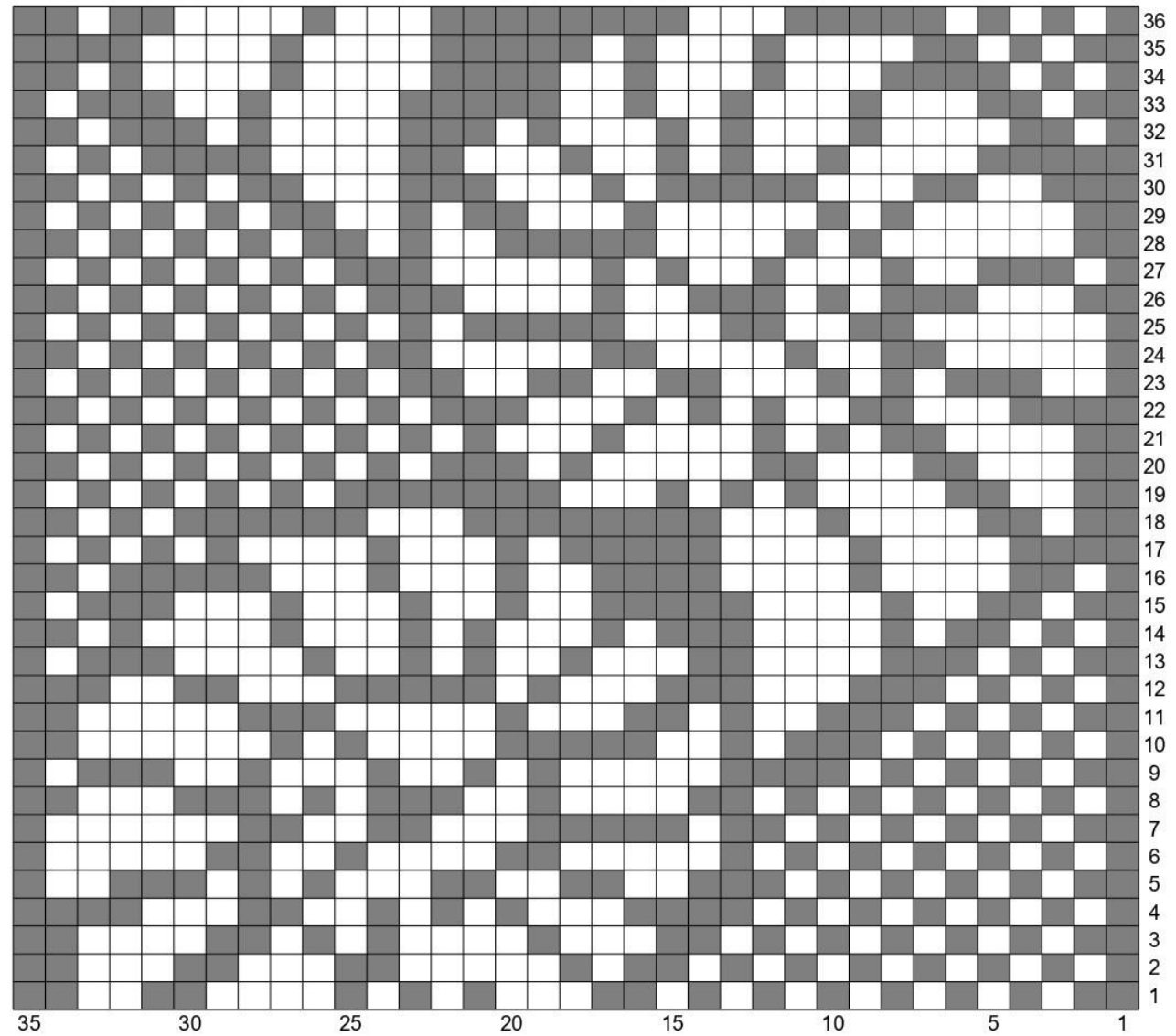
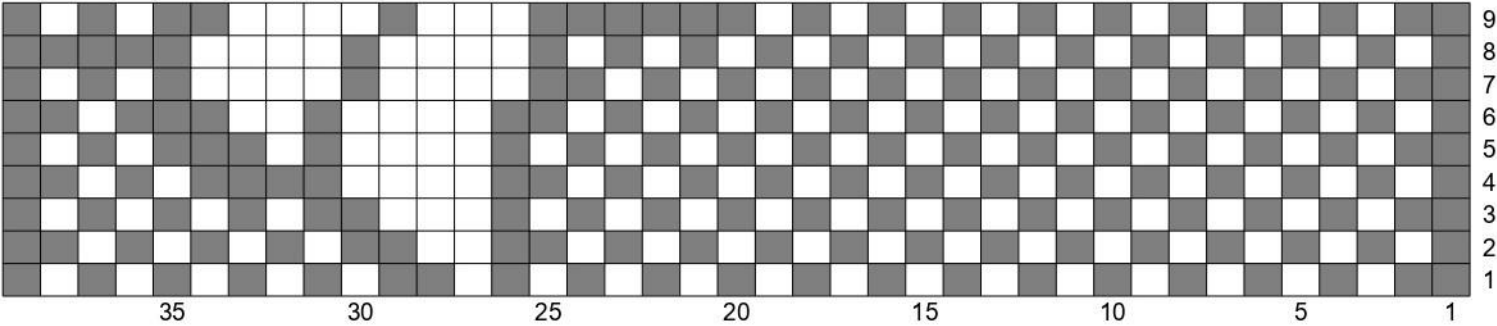


CHART B



SIZE 72 DARK MC

CHART A



MC

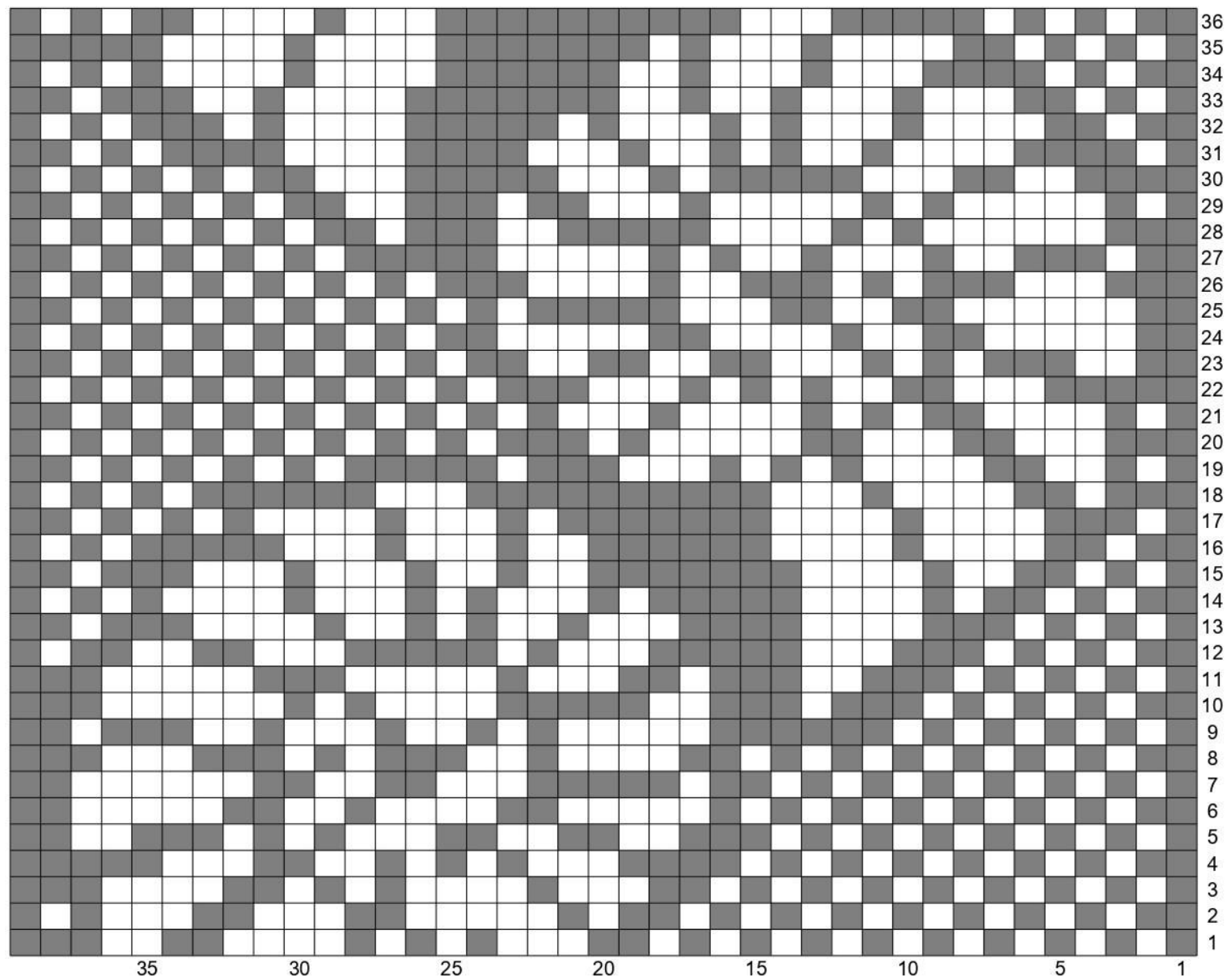
CC

SIZE 72 DARK MC

CHART B

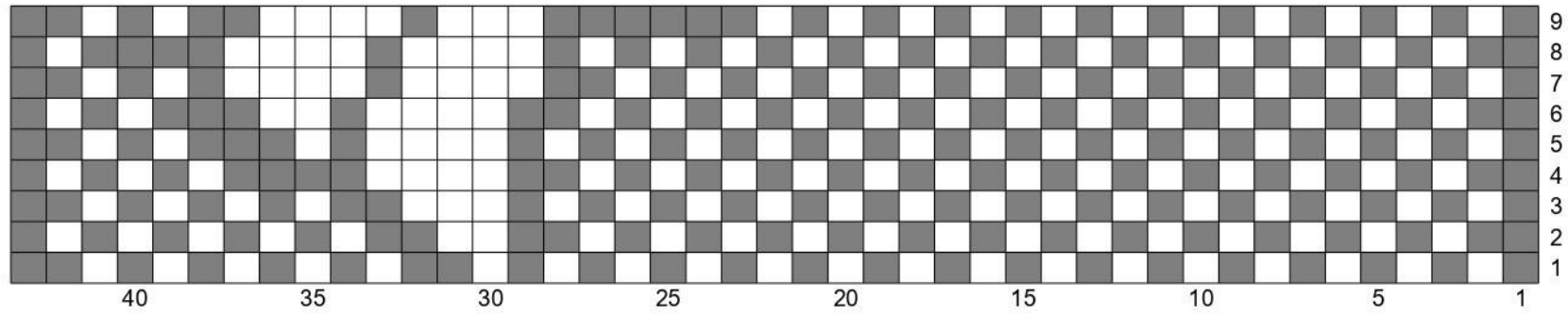
MC

CC




SIZE 80 DARK MC

CHART A



☐ MC

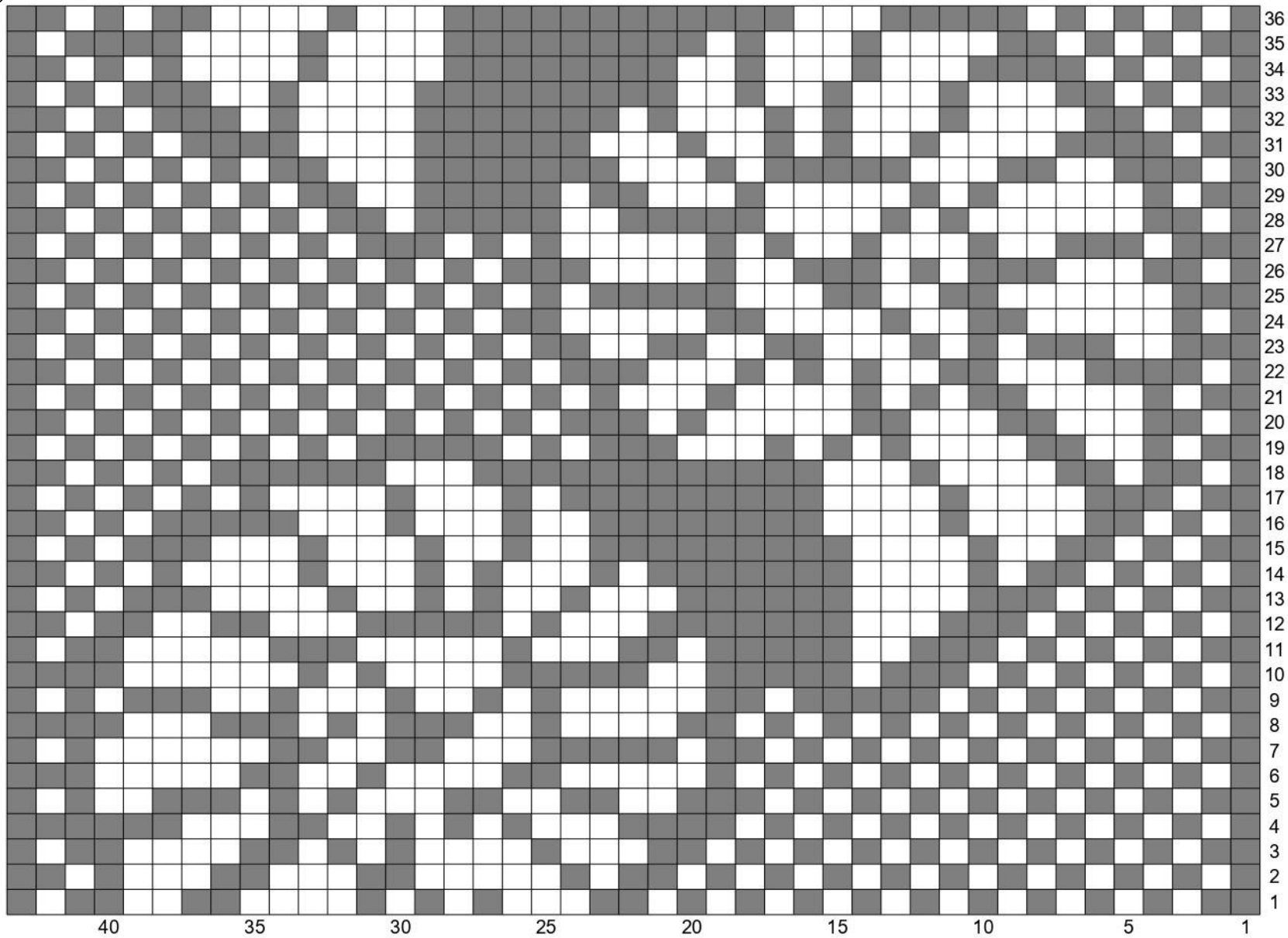
 CC

SIZE 8o DARK MC

CHART B

MC

CC

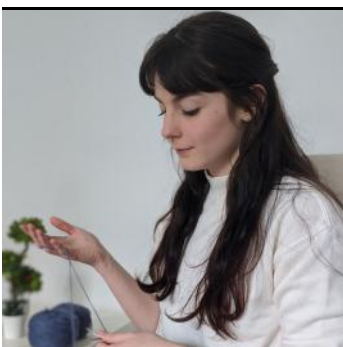


Thank you

for choosing a Yarnflakes pattern !

I hope you enjoyed your project and will love the finished piece. If you have any questions or suggestions, please contact me on Ravelry (Yarnflakes).

I love to see you knit my designs. If you want to share pictures of your progress you can join me on my Ravelry group : www.ravelry.com/discuss/yarnflakes and tag me on Instagram @yarnflakes.



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