

Seamless socks - Imperia CSM, 84 slots

Instructions for size 7 (UK40) ladies sock

Heel and toe are each worked over half the needles (42 sts) and have a slightly rounded heel and toe shape.

The cylinder is divided into quarters as on a clock face.

To use this pattern on a different CSM, sample tensions to match the rows shown below.

Materials:

- 70g of 3 ply 100% wool sock yarn (or use 75% wool, 24% nylon for durability). If you have problems with the yarn being too fluffy, run it through a wax disk as it goes through the top tension unit.
- Waste yarn
- Blunt pointed sewing needle

Stitch tension lever: 5 and 6

Stitch size (washed): 10 cm = 35 stitches (1cm = 3.5 sts)

10 cm = 30 rows (1cm = 3 rows)

Abbreviations:

HP: fully up, hold position

sts: stitches

YF: yarn feeder)

Method:

Always stop the yarn feeder (YF) at 3 o'clock unless stated otherwise.

YF at front. Starting with the first needle counter clockwise from 3 o'clock, remove every third needle from the cylinder.

Hem cuff

Stitch tension dial to 5.

Cast on in waste with bonnet, hang buckle and weights, work 20-30 rounds.

Change to main yarn.

Work 20 rounds.

Hang main colour edge stitches.

Leg

Stitch tension dial to 6.

Work 50 rounds.

Insert needles into empty slots in front of cylinder, extending 1 needle outside 9 and 3 o'clock. o'clock. Fill the empty needles with the heel of the next stitch otherwise you will get lace holes.

Pre-heel

Work 10 rounds.

Heel

YF at 6 o'clock, bring back needles to HP.

Yarn in heel spring.

Complete round, YF at 12 o'clock.

Bring first needle on YF side (right) to HP.

Work to left, pulling on sts as necessary.

YF at 12 o'clock.

Bring first needle on YF side (left) to HP.

Work to right, pulling on sts as necessary.

Hang heel weights under heel stitches once stitches at ends begin to rise.

*YF at 12 o'clock.

Bring first needle on YF side (right) to HP.

Work one round, pulling on sts as necessary.

YF at 12 o'clock.

Bring first needle on YF side (left) to HP.

Work one round, pulling on sts as necessary.*

Repeat * to * until **22** stitches remain in work in centre of heel.

*YF at 12 o'clock.

Bring two needles on YF side (right) to HP.

Work one round, pulling on sts as necessary.

YF at 12 o'clock.

Bring two needles on YF side (left) to HP.

Work one round, pulling on sts as necessary.*

Repeat * to * one more time.

14 sts remain in work in centre of heel shaping.

*YF at 12 o'clock.

Return two needles on YF side (right) to half down position, making sure that the latch is open.

Rehang heel weights to centre of heel shaping, several rows down.

YF at 12 o'clock.

Return two needles on YF side (left) to half down position, making sure that the latch is open.

Work one round, pulling on sts as necessary.*

Repeat * to * one more time.

22 sts in work.

YF at 12 o'clock.

Return one needle on YF side (right) to half down position, making sure that the latch is open.

Work one round.

YF at 12 o'clock.

Return one needle on YF side (left) to half down position, making sure that the latch is open.

Work one round.*

Repeat * to * until needles between 9 and 3 o'clock are in work again.

YF at 12 o'clock.

Push needles back to working position from 3 o'clock counterclockwise as far as possible. Make sure the latches are open.

Work one round as far as 3 o'clock, and push remaining needles down to working position.

Make sure their latches are open. Complete the round.

Remove yarn from heel spring.

Foot/sole

Work 56 rounds.

Insert needles into empty slots in back of cylinder. Fill the empty needles with the heel of the next stitch whilst inserting them needles.

Pre-toe

Work 10 rounds.

Toe

Work toe as heel, but work on the back half of the needles.

When all needles in the back half are back in working position. Work one complete round back to 4 needles before 3 o'clock.

Pull through a long length of main colour through for sewing the toe. Change to waste yarn and tie it onto the end of main colour, pull through the YF so that the end of waste will knit the needles after 3 o'clock.

Work 10-20 rounds in waste.

Before removing the sock from the machine, insert stitch markers in the first 2 stitches either

side of 9 o'clock and 3 o'clock. These will mark the first stitches when sewing the toe closed.

Making up

Steam the toe stitches before sewing the toe using Kitchener stitch. To avoid 'dog ears' at each end of the toe seam, insert the needle downwards into stitches 1 and 2, one after the other. Then bring the needle up through stitch 3. Go back to stitch 1 and 2 on the other side and repeat. Work Kitchener stitch to the opposite end of the toe.

Stop three stitches from the end and work stitches 3, 2 and 1 on both sides as at start, but reversing the instructions.

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