

GENOME SOCKS

MEEMA SPADOLA

STITCH GUIDE

2/1 RC: Sl 1 st to cn and hold in back, k2, p1 from cn.

2/1 LC: Sl 2 sts to cn and hold in front, p1, k2 from cn.

DNA Cable: (worked over 11 sts)

Rnd 1: P3, k2, p1, k2, p3.

Rnd 2: P3, sl 3 sts to cn and hold in back, k2, sl purl st back to left needle and purl it, k2 from cn, p3.

Rnd 3: P3, k2, p1, k2, p3.

Rnd 4: P2, 2/1 RC (see Stitch Guide), p1, 2/1 LC (see Stitch Guide), p2.

Rnd 5: P2, k2, p3, k2, p2.

Rnd 6: P1, 2/1 RC, p3, 2/1 LC, p1.

Rnd 7: P1, k2, p5, k2, p1.

Rnd 8: P1, k2, p5, k2, p1.

Rnd 9: P1, k2, p5, k2, p1.

Rnd 10: P1, 2/1 LC, p3, 2/1 RC, p1.

Rnd 11: P2, k2, p3, k2, p2.

Rnd 12: P2, 2/1 LC, p1, 2/1 RC, p2.

Picot Bind-Off: BO 2 sts, *sl rem st on right needle back to left needle, use the knitted method (see page 2) to CO 2 sts, BO 4 sts; rep from * to end.

SOCK

Use the Eastern method (see Glossary, page 2) to CO 8 sts over 2 dpn. Knit 1 rnd. Divide sts on 3 dpn in the foll order: 2 sts on Needle 3, 2 sts on Needle 1, 4 sts on Needle 2. Needle 2 holds the instep sts, Needles 1 and 2 hold the sole sts. Rnd beg at center of sole.

Rnd 1: Needle 1: K1, M1 (see Glossary), k1; Needle 2: k1, M1, k2, M1, k1; Needle 3: k1, M1, k1—4 sts inc'd.

Rnd 2: Needle 1: Knit to last st, M1, k1; Needle 2: k1, M1, knit to last st, M1, k1; Needle 3: k1, M1, knit to end—4 sts inc'd.

Rep Rnd 2 eight more times—48 sts. **Next**

rnd: Needle 1: K10; Needle 2: k8, work DNA cable (see Stitch Guide) over 11 sts, k9;

Needle 3: k10. Work in patt until foot measures 7½", or desired total length minus 1½". **Heel:** Place 20 sts of sole on one dpn.

Work these 20 sts back and forth for heel as foll:

Row 1: (RS) K19, turn, leaving last st unworked.

Row 2: (WS) Yo backward (see Glossary), purl to last st, turn, leaving last st unworked.

Row 3: Yo as usual, knit to last 3 sts (the paired sts made by the yo of previous row; yo will stick out to the side of unworked st), turn, leaving 3 sts unworked.

Row 4: Yo backward, purl to the paired sts made by the yo of the previous row, turn, leaving 3 sts unworked.

Rep Rows 3 and 4 until there are 8 sts between yos at center of row. Without turning work, cont working RS row as foll: K1 (first st of yo pair), correct the mount of the yo so that the leading leg is in front of the needle (i.e., sl the yo pwise, use the left needle to enter the slipped yo from front to back to correct st mount, and place the st on the left needle in its corrected orientation), k2tog (i.e., the yo with the first st of the next pair), leaving a yo as the first st on the left needle, turn.

Row 1: (WS) Yo backward, purl to the paired sts made by the yo of the previous row, p1 (first st of the pair), ssp (see Glossary; i.e., the yo with the first st of the next pair), leaving a yo as the first st on the left needle, turn.

Row 2: (RS) Yo as usual, knit to the paired sts made by the yo of the previous row, knit the first st of the pair (foll 2 sts are yos), correct the mount of each of the next 2 yos, k3tog (i.e., 2 yos with the first st of the next pair), turn.

Row 3: (WS) Yo backward, purl to the next yo, (next 2 sts are yos), sssp (see Glossary; i.e., 2 yos with the first st of the next pair), turn.

Row 4: (RS) Yo as usual, knit to the next yo

MEEMA SPADOLA is expecting her first child soon. She lives in Maine.

Finished Size 7½" foot circumference, 10" long from back of heel to tip of toe, and 7½" long from top of heel flap to CO edge. To fit woman's U.S. shoe sizes 7 to 9.

Yarn Artyarns Supermerino (100% superwash merino; 104 yd [95 m]/50 g): #2239 lilac, 3 skeins.

Needles Size 5 (3.75 mm): double-pointed (dpn). Adjust needle size if necessary to obtain the correct gauge.

Notions Cable needle (cn); tapestry needle.

Gauge 24 sts and 35 rows = 4" in St st in the rnd.



(next 2 sts are yos), correct the mount of each of these yos, k3tog (i.e., 2 yos with the first st of the next pair), turn.

Rep Rows 3 and 4 until all yos have been consumed, ending with Row 3. Turn so RS is facing. Rejoin for working in the rnd as foll: Yo as usual, knit to the yo at the end of heel sts, transfer this yo to the beg of the next needle (instep sts) and work the yo tog

with the first instep st as k2tog, knit to the last st of the instep sts, keeping DNA cable in patt, and work the last instep st tog with the yo at the beg of the heel sts as ssk—20 heel sts, 48 sts total. **Leg:** Divide heel sts evenly onto 2 dpn. Work in patt until leg measures about 7½" or desired length, ending with Row 8 of cable panel. BO all sts using the picot BO (see Stitch Guide).

FINISHING

Weave in loose ends, tightening up sts along CO row. If necessary, use additional yarn threaded on a tapestry needle to close up any holes along the sides of the short-row heel. Block by spritzing with water and laying flat to dry. ■

Eastern Cast-On

Hold two dpn parallel to each other. Leaving a 6" (15 cm) tail, wrap the working yarn around both needles counterclockwise (Figure 1) half as many times as the number of stitches you want. For example, if you want to cast on 12 stitches, wrap the yarn around the two needles six times. To begin, bring the yarn forward between the two needles and use a third needle to knit across the wraps on the top needle (Figure 2). Rotate the two needles so that the needle that had been on the bottom is now on the top; use the free needle to knit across the wraps on that needle (Figure 3).



Figure 1



Figure 2

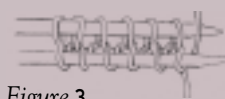


Figure 3

Knitted Cast-On

Place slipknot on left needle if there are no established stitches. *With right needle, knit into first stitch (or slipknot) on left needle (Figure 1) and place new stitch onto left needle (Figure 2). Repeat from *, always knitting into last stitch made.



Figure 1



Figure 2

Yarnover Backward

Usually, yos on the purl side are worked by bringing the yarn from the front over the top of the needle to the back, then under the needle to front again (Figure 1). In working a short-row heel, yos are worked in the opposite direction. Bring yarn under needle to back, then over needle to front again, and continue purling row (Figure 2).



Figure 1



Figure 2

Ssp Decrease

Holding yarn in front, slip two stitches knitwise one at a time onto right needle (Figure 1). Slip them back onto left needle and purl the two stitches together through back loops (Figure 2).



Figure 1



Figure 2

Sssp

Slip three sts knitwise, one at a time, and purl tog through the back loops.



Raised (M1) Increases

Left Slant (M1L) and Standard M1

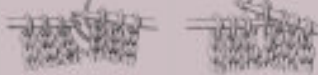


Figure 1

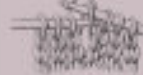


Figure 2

With left needle tip, lift strand between needles from front to back (Figure 1). Knit lifted loop through the back (Figure 2).

Right Slant (M1R)



Figure 1



Figure 2

With left needle tip, lift strand between needles from back to front (Figure 1). Knit lifted loop through the front (Figure 2).

Purlwise (M1P)



Figure 1



Figure 2

With left needle tip, lift strand between needles, from back to front (Figure 1). Purl lifted loop (Figure 2).

Ssk Decrease



Figure 1



Figure 2

Slip two stitches knitwise one at a time (Figure 1). Insert point of left needle into front of two slipped stitches and knit them together through back loops with right needle (Figure 2).