



Materials: 1 skein Cider Moon in “Glacier” (superwash DK, approx. 253 yds). Size 4 US double point needles (or size needed to get gauge); size 3 US double point needles.

Sizes: S (M, L), about a women’s size 7 (8, 9). The stitch pattern is very intuitive and easy to adjust to different sizes and gauges.

Gauge: 6 sts/inch in stockingette stitch with larger needles.

These instructions make two different toe-up socks that are symmetrical. Use the toe and heel of your choice!

Special instructions:

LT = left twist. Knit second st on LH needle through back loop; do not drop off needle.

Slip first st on needle purlwise and drop both sts off needle.

RT = right twist. Insert RH needle purlwise into front of second st on LH needle; do not drop off needle. Knit first st through back loop, drop both sts off needle.

ssp: slip 1 st knitwise from LH to RH needle, slip a second st knitwise from LH to RH needle, slip both st together back to the LH needle without changing their orientation, then p2tog through back loops.

SOCK #1:

Work your favorite toe that results in 44 (48, 52) sts—11 (12, 13) sts on each needle.

Begin pattern stitch for sock #1:

Work to about 2 inches less than desired foot length, or as needed for your chosen heel. *Live on the edge and make up your own swirl pattern! Or maintain this particular stitch pattern by starting a new LT at the first row on both needles, and on needle 1 only at rows 11, 23 (25, 27), and 45 (49, 53) (shown in purple).*



Rnd 1: *LT, k9 (10, 11)*; repeat from *to* 1 time—this completes the foot top on needles 1 and 2. K across needles 3 and 4 (the sole), and continue in St st on needles 3 and 4 for the rest of the foot.



Rnd 2 and every even round: K around.

Rnd 3: *K1, LT, k8 (9, 10)*; repeat from *to* 1 time for needle 2.

Rnd 5: *K2, LT, k7 (8, 9) *; repeat from *to* 1 time for needle 2.

Rnd 7: *K3, LT, k6 (7, 8) *; repeat from *to* 1 time for needle 2.

Rnd 9: *K4, LT, k5 (6, 7) *; repeat from *to* 1 time for needle 2.



Rnd 11: Needle 1- LT, k3, LT, k4 (5, 6); Needle 2- K5, LT, k4 (5, 6).

Rnd 13: K1, LT, k3, LT, k3 (4, 5); Needle 2- k6, LT, k3 (4, 5).

Rnd 15: K2, LT, k3, LT, k2 (3, 4); Needle 2- k7, LT, k2 (3, 4).

Rnd 17: K3, LT, k3, LT, k1 (2, 3); Needle 2- k8, LT, k1 (2, 3).

Size S- Rnd 19: K4, LT, k3, LT; Needle 2- k9, LT.

Size M- Rnd 19: K4, LT, k3, LT, k1; Needle 2- k9, LT, k1.

Rnd 21: K5, LT, k3, LT; Needle 2- k10, LT.

Size L- Rnd 19: K4, LT, k3, LT, k2; Needle 2- k9, LT, k2.

Rnd 21: K5, LT, k3, LT, k1; Needle 2- k10, LT, k1.

Rnd 23: K6, LT, k3, LT; Needle 2- k11, LT.



All sizes- Rnd 21 (23, 25): K5 (6, 7), LT, k3. Work the next LT with LAST st of needle 1 and FIRST st of needle 2 (this may be easier to do by shifting the last st of needle 1 onto needle 2, performing the RT, and then redistributing the stitches), k to end of needle 2 (Do not perform the same LT from needle 2 to needle three, but simply knit over the twist st. so it does not continue to the sole of the foot).

Rnd 23 (25, 27): LT, k4 (5, 6), LT, k3; Needle 2- LT, k9 (10, 11).

Rnd 25 (27, 29): K1, LT, k4 (5, 6), LT, k2; Needle 2- K1, LT, k to end of needle.

Rnd 27 (29, 31) : K2, LT, k4 (5, 6), LT, k1; Needle 2- K2, LT, k to end of needle.

Rnd 29 (31, 33): K3, LT k4 (5, 6), LT; Needle 2- K3, LT, k to end of needle.

Rnd 31 (33, 35): K4, LT, k4 (5, 6). Work the next LT with LAST st of needle 1 and FIRST st of needle 2. K3, LT, k to end of needle 2.

Rnd 33 (35, 37): K5, LT, k4 (5, 6); Needle 2- LT, k3, LT, k to end of needle.

Rnd 35 (37, 39): K6, LT, k3 (4, 5); Needle 2- K1, LT, k3, LT, k to end of needle.

Rnd 37 (39, 41): K7, LT, k2 (3, 4); Needle 2- K2, LT, k3, LT, k to end of needle.

Rnd 39 (41, 43): K8, LT, k1 (2, 3); Needle 2- K3, LT, k3, LT, k to end of needle.

Size S- Rnd 41: K9, LT; Needle 2- K4, LT, k3, LT.

Size M- Rnd 43: K9, LT, k1; Needle 2- K4, LT, k3, LT, k1.

Rnd 45: K10, LT; Needle 2- K5, LT, k3, LT.

Size L- Rnd 45: K9, LT, k2; Needle 2- K4, LT, k3, LT, k2.

Rnd 47: K10, LT, k1; Needle 2- K5, LT, k3, LT, k1.

Rnd 49: K11, LT; Needle 2- K6, LT, k3, LT.



All sizes-

Rnd 43 (47, 51): K10 (11, 12). Work the next LT over the LAST st of needle 1 and the FIRST st of needle 2. Needle 2- K4 (5, 6), LT, k4. (Again, just knit over the last twist st. on needle 2 so it does not continue to the sole of the foot).

Rnd 45 (49, 53): LT, k9 (10, 11); Needle 2- LT, k4 (5, 6), LT, k3.

Rnd 47 (51, 55): K1, LT, k8 (9, 10); Needle 2- k1, LT, k4 (5, 6), LT, k2.

Rnd 49 (53, 57): K2, LT, k7 (8, 9); Needle 2- k2, LT, k4 (5, 6), LT, k1.

Rnd 51 (55, 59): K3, LT, k6 (7, 8); Needle 2- k3, LT, k4 (5, 6), LT.

Rnd 53 (57, 61): K4, LT, k5 (6, 7); Needle 2- k4, LT, k5 (6, 7) to end of needle.

Repeat from row 11 as needed to achieve desired length, then work heel or gusset and heel of your choice (note what row you are on at the heel to match sock #2), or use gusset and heel instructions given below.

Gusset:

Rnd 1: Maintain pattern on needles 1 & 2. Needle 3- K1, M1L, k to end of needle;
needle 4- K to last st, M1R, k1.

Rnd 2: Maintain pattern around (swirls on needles 1 & 2, St st on needles 3 and 4).

Repeat these two rows until you have increased 9 (10, 11) sts on needles 3 and 4 for a total of 40 (44, 48) heel sts.

Heel:

Worked across needles 3 and 4 (or you can transfer all of these sts to one needle, and then separate them again to work the leg). You may prefer to substitute ssk for the k2tog and p2tog for the ssp. This version minimizes the line of the heel.

Row 1: K 22 (24, 26) sts, K2tog, k1. Turn.

Row 2: Sl1, p5, ssp, p1. Turn.

Row 3: Sl1, k6, K2tog, k1. Turn.

Row 4: Sl1, p7, ssp, p1. Turn.

Continue in this manner—slipping the first st., knitting or purling to 1 st. before the gap and closing the gap with a K2tog or ssp, then k or p one more st—until all heel sts are worked. 22 (24, 26) sts for the heel. Resume knitting in the round. You may find it worthwhile for avoiding holes to pick up an extra st between the heel and instep and then decreasing that st on the next round.

Leg:

Needles 1 and 2: Start where you left off in the twist pattern. Needles 3 and 4: repeat the same row on needles 3 and 4, the former sole sts, that you just did on needles 1 and 2 (in other words, you will duplicate the position of the needle 1 stitches on needle 3, and the position of needle 2 sts on needle 4). Once this step has been completed, the established twist pattern is self-sustaining and will pass from needle to needle with no new swirls. Keep moving the LT over 1 st every other row—no more instructions!

Continue in pattern until sock has reached desired height. *Please note that the beginning of the round will shift to the LEFT with each twist. It will not affect the sock, but you do need to be aware of it to compensate for the changing of the beginning of the round. You may find moving a safety pin along as a marker for the beginning of the round to be useful.*

Picot edge:

Next rnd: *K2tog, YO*, repeat from *to* around. Switch to smaller needles, work 5 rounds in St st. BO all sts loosely (you may wish to return to the larger needles for the bind off). Turn to inside and sew bound-off edge loosely to inside of sock, being careful to catch only inside sts. Sew in ends.

SOCK #2: *Sock #2 is different—no SSS!*

Toe: repeat instructions as for sock #1.

Begin pattern stitch for sock #2: follow to about 2 in. less than desired foot length.

To make this pattern, start new swirls with a RT on the last two sts of the first row on both needles, and on needle 2 only at rows 11, 23 (25, 27), and 45 (49, 53) after that.

Rnd 1: *K 9 (10, 11), RT,* repeat from *to* 1 time for needle 2. K across needles 3 and 4 (sole sts), and continue in St st on needles 3 and 4 for the rest of the foot.

Rnd 2 and every even row: K around.

Rnd 3: *K8 (9, 10), RT, k1,* repeat from *to* time for needle 2.

Rnd 5: *K7 (8, 9), RT, k2,* repeat from *to* 1 time for needle 2.

Rnd 7: *K6 (7, 8), RT, k3,* repeat from *to* 1 time for needle 2.

Rnd 9: *K5 (6, 7), RT, k4,* repeat from *to* 1 time for needle 2.

Rnd 11: K4 (5, 6), RT, k5. Needle 2- K4 (5, 6), RT, k3, RT.

Rnd 13: K3 (4, 5), RT, k6. Needle 2- K3 (4, 5), RT, k3, RT, k1.

Rnd 15: K2 (3, 4), RT, k7. Needle 2- K2 (3, 4), RT, k3, RT, k 2.

Rnd 17: K1 (2, 3), RT, k8. Needle 2- K1 (2, 3), RT, k3, RT, k 3.

Size S- Rnd 19: RT, k9. Needle 2- RT, k3, RT, k4.

Size M- Rnd 19: K1, RT, k9. Needle 2- K1, RT, k3, RT, k4.

Rnd 21: RT, k10. Needle 2- RT, k3, RT, k5.

Size L- Rnd 19: K2, RT, k9. On needle 2- K2, RT, k3, RT, k4.

Rnd 21: K1, RT, k10. On needle 2- K1, RT, k3, RT, k5.

Rnd 23: RT, k11. On needle 2- RT, k3, RT, k6.

All Sizes- Rnd 21 (23, 25): On the next round, k to last st of needle 1 (Simply knit over the twist stitch on needle 1 so it does not continue to the sole of the foot). Work the next RT over the LAST st of needle 1 and the FIRST st of needle 2 (this may be easier to do by shifting the last st of needle 1 onto needle 2, performing the RT, and then redistributing the stitches), k3, RT, k to end of needle 2.

Rnd 23 (25, 27): K9 (10, 11), RT. Needle 2- K3, RT, k4 (5, 6), RT.

Rnd 25 (27, 29): K8 (9, 10), RT, k1. Needle 2- K2, RT, k4 (5, 6), RT, k1.

Rnd 27 (29, 31): K7 (8, 9), RT, k2. Needle 2- K1, RT, k4 (5, 6), RT, k2.

Rnd 29 (31, 33): K6 (7, 8), RT, k3. Needle 2- RT, k4 (5, 6), RT, k3.

Rnd 31 (33, 35): K5 (6, 7), RT, k3. Work the next RT over the LAST st of needle 1 and the FIRST st of needle 2. Needle 2: K4 (5, 6), RT, k4.

Rnd 33 (35, 37): K4 (5, 6), RT, k3, RT. Needle 2- K4 (5, 6), RT, k5.

Rnd 35 (37, 39): K3 (4, 5), RT, k3, RT, k1. Needle 2- K3 (4, 5), RT, k6.

Rnd 37 (39, 41): K2 (3, 4), RT, k3, RT, k2. Needle 2- K2 (3, 4), RT, k7.

Rnd 39 (41, 43): K1 (2, 3), RT, k3, RT, k3. Needle 2- K1 (2, 3), RT, k8.



Size S- Rnd 41: RT, k3, RT, k4. Needle 2- RT, k to end of needle.

Size M- Rnd 43: K1, RT, k3, RT, k4. Needle 2- K1, RT, k9.
Rnd 45: RT, k3, RT, k5. Needle 2- RT, k to end of needle.

Size L- Rnd 45: K2, RT, k3, RT, k4. Needle 2- K2, RT, k9.
Rnd 47: K1, RT, k3, RT, k5. Needle 2- K1, RT, k10.
Rnd 49: RT, k3, RT, k6. Needle 2- RT, k to end of needle.

All sizes-

Rnd 43 (47, 51): K4, RT, k4 (5, 6). Work the next RT over the LAST st of needle 1 and the FIRST st of needle 2. Needle 2- K to end of needle.

Rnd 45 (49, 53): K3, RT, k4 (5, 6), RT. Needle 2- K9 (10, 11), RT.

Rnd 47 (51, 55): K2, RT, k4 (5, 6), RT, k1. Needle 2- K8 (9, 10), RT, k1.

Rnd 49 (53, 57): K1, RT, k4 (5, 6), RT, k2. Needle 2- K7 (8, 9), RT, k2.

Rnd 51 (55, 59): RT, k4 (5, 6), RT, k3. Needle 2- K6 (7, 8), RT, k3.

Rnd 53 (57, 61): K5 (6, 7), RT, k4. Needle 2- K5 (6, 7), RT, k4.

Repeat from row 11 as needed to achieve desired length (end on the same row as sock #1 if you want the legs to match), then work heel or gusset and heel of your choice, or as described above.

Leg: repeat instructions for sock #1 leg (but of course using sock #2 twist pattern!). *Just as the swirl for sock #1 moved left by a stitch with each twist, the sock #2 swirl will move RIGHT by a stitch with each twist—basically stealing a stitch from the next round. Since the beginning of the round will move to the RIGHT on this sock, you may find moving a safety pin along as a marker for the beginning of the round to be useful.*

Picot edge: repeat picot edge for sock #1. Sew in ends, admire as needed.