

Swirl Cupcake Hat for Bulky Knitting Machine

([Hand-knitting pattern](#) on Ravelry)

Adapted for the Knitting Machine by Ginny Gomez

Yarn: 3.5 oz. 4-ply worsted-weight yarn, Main Color
3.5 oz. 4-ply worsted-weight yarn, Contrasting Color
Gauge: 4 stitches per inch; 6 rows per inch
Garment Tension: 5
Ribbing Tension: 2/2
Sizes: Pattern is for child's size; adult size is in parentheses.
Finished hat circumference: 16" (18")

Tips:

- Remove the ribber for making the hat.
- Move weights often.
- Check every two rows to make sure you still have 30 stitches.
- Check to make sure your yarns aren't cross after turning.
- To **increase** pull out first empty needle and e-wrap. **P**ull needle to **H**old **e**very **r**ow (PTHER) to help it knit off.
- To decrease use two-prong tool, second needle will have 2 stitches.
- When knitting main color stripe, loosely e-wrap left end needle every 2 rows to **c**arry contrasting **y**arn **u**p. (CYU)

HAT

With scrap, cast-on 30 (40) stitches on L 30 to L 0 (L 40 to L 0). Knit 7 rows and knit 1 row of ravel cord ending with carriage on right. Change to **main color**. Hang weights.

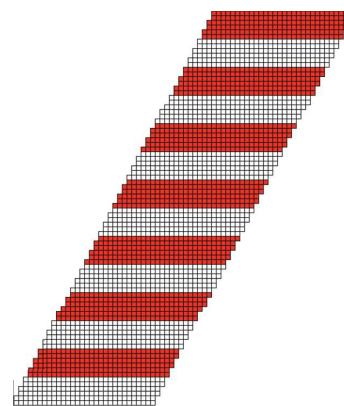
RC 000: Knit two rows.

RC 002: Decrease 1 stitch on left and increase 1 stitch on right. PTHER. (CYU on left side once you are knitting with both colors.) Knit 2 rows.

RC 004: Decrease 1 stitch on left and increase 1 stitch on right. PTHER. (CYU on left side once you are knitting with both colors.) Knit 2 rows.

RC 006: Unthread carriage and put yarn out of the way. With narrow long edge of needle stopper, prongs towards you along the top edge, push needle butts all the way forward, keeping stitches in hooks. Tilt the needle stopper forward and down into place to secure the needles. Push stitches back behind latches.

With garter bar **groove side up**, remove stitches. Turn garter bar over, place needle hooks in the grooves of the garter bar and hook stitches on the needles. Remove the garter bar. With the needle stopper, push all needles back to B position, keeping stitches in hooks. (For garter bar tutorial, see Diana Sullivan's video @ <https://www.youtube.com/watch?v=zxZsKMouKgA>. **Note:** this hat pattern does not require a free pass because we are using two colors of yarn.)



Take a look at the tension wands to make sure yarn isn't twisted. Pull out first empty needle on left and e-wrap with main color to INCREASE 1 stitch on the LEFT (PTHER). DECREASE 1 stitch on the RIGHT. Thread the carriage with **contrasting color**. Knit 2 rows.

RC 008: Pull out first empty needle on left and e-wrap with main color to INCREASE 1 stitch on the LEFT (PTHER). DECREASE 1 stitch on the RIGHT. Knit 2 rows.

RC 010: Pull out first empty needle on left and e-wrap with main color to INCREASE 1 stitch on the LEFT (PTHER). DECREASE 1 stitch on the RIGHT. Knit 2 rows.

RC 012: Unthread carriage and put yarn out of the way. With narrow long edge of needle stopper, prongs towards you along the top edge, push needle butts all the way forward, keeping stitches in hooks. Tilt the needle stopper forward and down into place to secure the needles. Push stitches back.

With garter bar **groove side up**, remove stitches. Turn garter bar over, place needle hooks in the grooves of the garter bar and hook stitches on the needles. Remove the garter bar. With the needle stopper, push all needles back to B position, keeping stitches in hooks.

Decrease 1 stitch on left side; increase 1 stitch on right side (PTHER). CYU on left side. Thread the carriage with **main color**. Begin sequence again from RC 000. Repeat these 12 rows 7 times to RC 84 (9 times to RC 108). End with 8 to 10 rows of scrap.

RIBBING:

Set up ribber for 1 x 1 ribbing. Cast on 86 (108) sts (left end needle on main carriage; right end needle on ribber bed), **Tension -0/-0 (as tight as it will go)**. Knit 1 row and hang comb and weights. Push in left part button on main carriage and right part button on ribber carriage. Knit 2 rows. Cancel part buttons. Change to **Tension 2/2**. Knit 20 (30) rows. Transfer stitches to main bed. **Change tension to 3/3**. Knit one row. Remove stitches on waist yarn.

On **STANDARD MACHINE**, Pull out needles L 51 to R 51 (L 64 to R64) to B position. Push back every 6th needle or so (you should now have 86 needles in B position). With **right side facing** (**main color is purl** stripe and should be facing you) hang hat on 86 needles on side where decreases were made. Push hat back behind latches. With wrong side facing, hang ribbing on same needles using standard machine tools. Close latches. Pull ribbing stitches through hat. Pull all needles to hold and bind off loosely with a standard weight yarn around 2 gate pegs.

Hat Seam -- Bulky Machine: With **right side facing**, (**main color is purl** stripe and should be facing you), hang 30 (40) open stitches from the side you ended with. Push behind the latches. With **wrong side facing** (**contrast is purl** stitch stripe and should be facing you), hang 29 (39) open sts from the other side, e-wrap 30th (40th) needle and pass stitches through the other stitches. Bind off around gate pegs.

Gather the top together using a yarn needle. (I was able to pick up the loops on the increase side easily and went around twice, then pulled tight to close the hole.) Sew up ribbing. Make a pom-pom and sew it to the top of the hat.

Note: The hand-knitting pattern called for 86 (108) stitches for ribbing. I wasn't able hang the hat on the bulky machine because the hat wouldn't stretch over 86 needles. So I opted for a nice tight ribbing and putting the hat and ribbing together on the standard machine. It worked very nicely.