

**EARTH
GUILD**
33 Haywood Street
Asheville NC 28801

1-800-327-8448
828-255-7818
fax: 828-255-8593
inform@earthguild.com

**HOME
PRODUCTS**
Knitting & Crochet: Intro

Super Simple Circular Hat Calculator

Abbreviations:

K = Knit

K2tog = Knit 2 stitches together as if they were one (this is a decrease).

Round is the same as *row*, except it is in a circle.

Step One: Find number to cast on: Choose size from row on top; drop down column to row with your gauge. If you are between gauges and/or sizes, multiply your gauge times hat size in inches, then look in the gauge rows on either side of your gauge to find the closest cast-on number. Use that gauge number to determine which decrease row (see below) to begin on.

	Hat size in inches						NOTE: If you wish a cuff that doesn't roll, work one or two inches of Garter Stitch (Knit one row, Purl one row) or ribbing. For a K1, P1 ribbing, figure your cast-on number from the chart, cast on the next-lower multiple of 2, then increase to the chart number after the ribbing. For a K2, P2 rib, cast on the next lower multiple of 4, then increase to the chart number. Adjust length of hat down to compensate for the cuff not rolling.
Stitches/inch	14	16	18	20	22	24	
6	84	96	108	120	132	144	
5.5	77	88	99	110	121	132	
5	70	80	90	100	110	120	
4.5	63	72	81	90	99	108	
4	56	64	72	80	88	96	
3.5	49	56	63	70	77	84	
3	42	48	54	60	66	72	
2.5	35	40	45	50	55	60	
2	28	32	36	40	44	48	

Step Two: Knit in stockinette st (knit every round) for the number of inches below for the chosen size, or desired length; the brim will roll naturally for the first 2 or 3 inches; unroll the brim to measure.

Size	14	16	18	20	22	24
Length to knit	5.5	6	6.5	7	7.5	8

Step Three: Work top decreases; Begin with the round indicated for your gauge and work the rest of the rounds from that round on. **IGNORE THE ROUNDS ABOVE - THEY DO NOT APPLY TO YOUR SIZE.**

For example, if your gauge is 4 sts/in, start with Round 9 and ignore Rounds 1-8

- Repeat the directions for each round over and over to the end of the round.
- Knit one plain round between each decrease round except the last two.
- Leave off Round 22 on sizes 14 & 16; You may choose to leave it off other sizes if too "pointy".
- Switch to double-pointed needles when hat becomes too small for circular needle.

- Numbers in columns below the sizes are the number of stitches remaining at the end of that decrease round for each size.

Gauge	Begin with	Repeat	14	16	18	20	22	24
6 sts/in	Round 1	K 10, K2tog	77	88	99	110	121	132
5.5 sts/in	Round 3	K 9, K2tog	70	80	90	100	110	120
5 sts/in	Round 5	K 8, K2tog	63	72	81	90	99	108
4.5 sts/in	Round 7	K 7, K2tog	56	64	72	80	88	96
4 sts/in	Round 9	K 6, K2tog	49	56	63	70	77	84
3.5 sts/in	Round 11	K 5, K2tog	42	48	54	60	66	72
3 sts/in	Round 13	K 4, K2tog	35	40	45	50	55	60
2.5 sts/in	Round 15	K 3, K2tog	28	32	36	40	44	48
2 sts/in	Round 17	K 2, K2tog	21	24	27	30	33	36
	Round 19	K 1, K2tog	14	16	18	20	22	24
	Round 21	K2tog	7	8	9	10	11	12
	Round 22	K2tog			5	5	6	6

Note: Round 22 of sizes 18 & 22 will have 1 stitch left over at the end of the decreases; knit it.

Step Four: Break yarn and thread through remaining stitches.

Pull stitches up tight; weave end in on wrong side (use a crochet hook or yarn needle). Weave in starting end.

Please note: Not all of these sizes have been test knit but every effort has been made to be accurate.

©2000, Mary Young Smith.

Earth Guild, 33 Haywood Street

Asheville, NC 28801.

1-800-327-8448