

Moebius hat by Cassandra Guarino

Worked out from the photos overleaf as I couldn't find the pattern online.

Start by doing a Moebius cast on of enough stitches to go round the head (58 cm for me), knit up the other ends of the stitches and mark the end of the round. (e.g. my tension piece had 22 st = 8 cm, so I needed $58 \times (22/8)$ which is about 150 sts for the initial Moebius cast on, 300 sts on needle when the other ends of the stitches have been picked up).

As it's a Moebius strip, each round of knitting adds one row to each side of the strip.

Knit 4 rounds, purl 4 rounds until the distance between the two bits of needle is about 4 inches (half the depth from brim to crown). I did 4 repeats of the pattern.

Then, keeping row pattern the same, work decreases for crown i.e. decrease in 5 places, $1/6$ of the original number of stitches apart, in one half of the Moebius edge (the sixth "decrease" is covered by the Moebius fold).

My first attempt gave too sharp a change from brim to crown.

Final version (from 150 sts cast on, so a total of 300 sts on needle):

K23 (k2 tog k23) 4 times, k 2 tog, k to end of round. Work one round.

Repeat this 3 more times, keeping row pattern correct, and with one less stitch between the decreases each time, so the decreases come above each other.

Then work the decreases every round until you get to the "k2tog 5 times" round. [As you get to the end, you may need to use more than one circular needle, or use the "magic loop" technique, as the stitches don't fit the length of the cable.]

Do a firm cast-off on the next round.

I used size 9 needles and some shaded Turkish yarn (Simla) – a brushed acrylic/mohair/wool, which was supposed to give 20st x26r for 10 cm, but I knitted it slightly tighter.

I think it probably needs either a shaded yarn with fairly long repeats, or a contrast border for the last 4 rows to emphasise the Moebius fold. The half-and-half version I found on Ravelry (bottom right on the next page) doesn't look as good.



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True Mobius Hat by [Cassandra Guarino](#)

Published in	Casper Fiber Arts
Craft	Knitting
Category	Other Headwear – Headwrap Hat – Beanie, Toque
Published	January 2011
Suggested yarn	
Yarn weight	Worsted / 10 ply (9 wpi) 2
Gauge	4 stitches and 6 rows = 2.5 cm
Needle size	US 6 - 4.0 mm

adult in-the-round moebius written-pattern

This pattern was available in print for \$2.95.

This hat is fantastic for the math/science enthusiast in your life, and even if you have no interest in this 3D rendition of a 2D object, it has an elegance that can't be described. The shape of the hat is feminine in nature, but there are many men who would wear it proudly!

For more information, see: <http://casperfiberarts.com/original-designs.html>

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Page created: January 9, 2011

Last updated: April 29, 2014

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