



CARLO Hat

The CARLO hat is knitted in the style of an aviator hat with earflaps and a front panel. It keeps you nice and warm and is perfect for the whole family.

The hat is worked in rib from the bottom up. The ear flaps and front flap are first worked back and forth separately and then joined at the same height. Then work is continued in the round, up to the decreases. The decreases for the crown of the hat are worked as left and right leaning decreases. Finally, the hat can be edged with an I-Cord or a double-layered, stockinette-stitched border. Both variants are described in the instructions.

Techniques used: Ribbing, left and right leaning increases, left and right leaning decreases, I-Cord. All techniques used are explained directly in the instructions or under 'Terms & Explanations' on pages 7-10.



SIZES

Head circumferences: 50 - 53 cm/19.7 - 20.9" (54-56 cm/21.3-22.1") 57-59 cm/22.4-23.2" (60-62 cm/23.6-24.4").

YARN

Single stranded:

150 (150 -200) 200 (200) g ,Puno' by Lamana (60% Alpaca, 40% Pure Wool; 60 m/ 50 g), here in color ,Natur' or

150 (150 -200) 200 (200) g ,Big Vintage Wool' by Erika Knight (100 % Pure Wool; 122 m/100 g) or

150 (150 -200) 200 (200) g ,Petite Wool' by We are knitters (100 % Pure Wool; 140 m/ 100 g) or

150 (150 -200) 200 (200) g ,Glory' by Wool Addicts (100 % Pure Wool; 70 m/ 50 g).

Double stranded:

100 (100) 100-150 (150) g ,Peruvian Highland Wool' by Filcolana (100 % Pure Wool; 100 m/ 50 g), here in color 'Bark' together with 25 (25) 25-50 (50) g ,Tilia' by Filcolana (70% Mohair, 25% Silk; 210 m/ 25 g), here in color ,Light Truffle'.

NEEDLES

Circular needle (60 cm/24") size 5.0 mm (US 8/UK 6),

a set of dpns (20 cm/8") size 5.0 mm (US 8/UK 6),

If you work with the 'Magic Loop Method', you need a long circular knitting needle (80 – 100 cm/32 – 40") size 5.0 mm (US 8/UK 6),

circular needle (60 - 80 cm/24 or 32") size 4.0 mm (US 6/UK 8) for the edging.

NOTIONS

Tapestry needle, stitch markers, optionally a crochet hook size 4.0 mm (US 6/UK 8) for the edging.

MAIN STITCH PATTERNS

1/1 Ribbing: alternately k1, p1.

Selvedge stitch: knit the first and last stitch of every RS row, purl the first and last stitch of every WS row.

GAUGE / TENSION

Ribbing worked flat using ndl size 5.0 mm: 23 sts x 22-24 rows = 10 x 10 cm/4" square (measured washed and lying flat). Please adjust needle size if necessary, to obtain correct gauge.

METHOD

FRONT FLAP

CO 21 (23) 25 (25) sts using circ. ndl size 5.0 mm and work as follows:

Row 1 (WS): p1, alternately k1, p1 to end of row.

Row 2 (RS): k1, M1L knitwise, alternately p1, k1 to last st of row, M1R knitwise, k1 = 23 (25) 27 (27) sts.

Row 3: work sts in 1/1 ribbing as they appear, purl the increased sts.

Row 4: k1, M1L purlwise, alternately k1, p1 to last st of row, M1R purlwise, k1 = 25 (27) 29 (29) sts.

Row 5: work sts in 1/1 ribbing as they appear, knit the increased sts.

Row 6: k1, M1L knitwise, alternately p1, k1 to last st of row, M1R knitwise, k1 = 27 (29) 31 (31) sts.

Row 7: work sts in 1/1 ribbing as they appear, purl the increased sts.

Row 8: k1, M1L purlwise, alternately k1, p1 to last st of row, M1R purlwise, k1 = 29 (31) 33 (33) sts

Row 9: work sts in 1/1 ribbing as they appear, knit the increased sts.

Work **12 (14) 16 (16) more rows** in 1/1 ribbing without inc's, until the front flap of the hat measures approx. **9 (10) 11 (11) cm/3.5 (4) 4.3 (4.3)"**. End with a WS row, cut yarn and place sts on hold, using a spare circ. ndl or a stitch holder.

EARFLAPS

CO 11 (13) 13 (15) sts using circ. ndl size 5.0 mm and work as follows:

Row 1 (WS): p1, alternately k1, p1 to end of row.

Row 2 (RS): k1, M1L knitwise, alternately p1, k1 to last st of row, M1R knitwise, k1 = 13 (15) 15 (17) sts

Row 3: work sts in 1/1 ribbing as they appear, purl the increased sts.

Row 4: k1, M1L purlwise, alternately k1, p1 to last st of row, M1R purlwise, k1 = 15 (17) 17 (19) sts

Row 5: work sts in 1/1 ribbing as they appear, knit the increased sts.

Row 6: k1, M1L knitwise, alternately p1, k1 to last st of row, M1R knitwise, k1 = 17 (19) 19 (21) sts

Row 7: work sts in 1/1 ribbing as they appear, purl the increased sts.

Row 8: k1, M1L purlwise, alternately k1, p1 to last st of row, M1R purlwise, k1 = 19 (21) 21 (23) sts

Row 9: work sts in 1/1 ribbing as they appear, knit the increased sts.

Work **14 (16) 18 (18) more rows** in 1/1 ribbing without inc's, until the ear flap measures approx. **10 (11) 12 (12) cm/4 (4.3) 4.3 (4.7)"**. End with a WS row, cut yarn and place sts on hold, using a spare circ. ndl or a stitch holder.

Work **second ear flap** in the same way, but do not cut yarn after finishing last WS row. In next RS row, join together the two ear flaps and at the same time, CO new sts for back part of hat, as follows:

Row 1 (RS): work 19 (21) 21 (23) sts in 1/1 ribbing as they appear (= second ear flap), CO 15 (17) 19 (19) new sts, work 19 (21) 21 (23) sts in 1/1 ribbing as they appear (= first ear flap) = 53 (59) 61 (65) sts

Row 2 (WS): work sts in 1/1 ribbing as they appear, work the new sts logically in 1/1 ribbing.

Work in 1/1 ribbing for **4 (4) 4 (6) more rows** over the 53 (59) 61 (65) sts, ending with a WS row. In next RS row, join together the ear flap-part and the front flap of the hat and join for working in the round (**Pic 1**), as follows:

Work **53 (59) 61 (65) sts** in 1/1 ribbing as they appear (= ear flap-part), then work the **29 (31) 33 (33) sts** of front flap, **the back of the flap should be facing forwards/up, i.e., the first and last st should be a purl st**. Join for working in the round and work **26 (30) 30 (32) more sts** in 1/1 ribbing until the center back of the hat is reached. This will be the beginning of round (**Pic 2**).



Pic. 1:
Join together the back ear flap-part and the front flap.



Pic. 2:
The beginning of round lies at the center back of the hat.

Work a total of approx. 28 (30) 30 (32) rnds in 1/1 ribbing (alternately k1, p1) over the 82 (90) 94 (98) sts, until work measures about 11 (13) 13 (14) cm/4.3 (5.1) 5.1 (5.5)", measured from front flap and ear flaps join.

In last rnd, place stitch markers for better orientation when decreasing, as follows:

Work 11 (11) 11 (13) sts in pattern, pM around next purl st, * 19 (21) 23 (23) M str, pM around next purl st, rep from * 2 more times, work 10 (12) 10 (12) sts in pattern. These marked sts are the "center sts" between 2 decreases.

Tip : „Before you start with the decreases, it is best to try the hat on. This way you can better assess whether the length is right. You can also make the hat longer or shorter than indicated. Keep in mind that it will grow a little bit (about 1 cm/0.4") after washing. "

DECREASES

The decreases are always worked before and after the marked purl stitch, as right and left leaning decreases. If the number of stitches becomes too small for a circular needle, change to a set of dpns.

All sizes:

Rnd 1: work 9 (9) 9 (11) sts in 1/1 ribbing, k2tog, p1 (= marked st), ssk, * 15 (17) 19 (19) sts in 1/1 ribbing, k2tog, p1 (= marked st), ssk, rep from * 2 more times, 8 (10) 8 (10) sts in 1/1 ribbing = 74 (82) 86 (90) sts.

Rnd 2: work sts in 1/1 ribbing as they appear (before and after each marked st, there will temporarily be 2 knit sts next to each other).

Rnd 3: work 8 (8) 8 (10) sts in 1/1 ribbing, k2tog, p1 (= marked st), ssk, * 13 (15) 17 (17) sts in 1/1 ribbing, k2tog, p1 (= marked st), ssk, rep from * 2 more times, 7 (9) 7 (9) sts in 1/1 ribbing = 66 (74) 78 (82) sts.

Rnd 4: work sts in 1/1 ribbing as they appear.

Rnd 5: work 7 (7) 7 (9) sts in 1/1 ribbing, k2tog, p1 (= marked st), ssk, *11 (13) 15 (15) sts in 1/1 ribbing, k2tog, p1 (= marked st), ssk, rep from * 2 more times, 6 (8) 6 (8) sts in 1/1 ribbing = 58 (66) 70 (74) sts.

Rnd 6: work 6 (6) 6 (8) sts in 1/1 ribbing, k2tog, p1 (= marked st), ssk, *9 (11) 13 (13) sts in 1/1 ribbing, k2tog, p1 (= marked st), ssk, rep from * 2 more times, 5 (7) 5 (7) sts in 1/1 ribbing = 50 (58) 62 (66) sts.

Rnd 7: work 5 (5) 5 (7) sts in 1/1 ribbing, k2tog, p1 (= marked st), ssk, *7 (9) 11 (11) sts in 1/1 ribbing, k2tog, p1 (= marked st), ssk, rep from * 2 more times, 4 (6) 4 (6) sts in 1/1 ribbing = 42 (50) 54 (58) sts.

Rnd 8: work 4 (4) 4 (6) sts in 1/1 ribbing, k2tog, p1 (= marked st), ssk, * 5 (7) 9 (9) sts in 1/1 ribbing, k2tog, p1 (= marked st), ssk, rep from * 2 more times, 3 (5) 3 (5) sts in 1/1 ribbing = 34 (42) 46 (50) sts.

Rnd 9: work 3 (3) 3 (5) sts in 1/1 ribbing, k2tog, p1 (= marked st), ssk, * 3 (5) 7 (7) sts in 1/1 ribbing, k2tog, p1 (= marked st), ssk, rep from * 2 more times, 2 (4) 2 (4) sts in 1/1 ribbing = 26 (34) 38 (42) sts.

After rnd 9, continue working dec's for different sizes, as follows:

Head circumference 50 - 53 cm/19.7 - 20.9":

Rnd 10: work 2 sts in 1/1 ribbing, k2tog, p1 (= marked st), ssk, *p1, k2tog, p1 (= marked st), ssk, rep from * 2 more times, p1 = 18 sts.

Rnd 11: k1, k2tog, work sts as they appear to 2 sts before end of rnd, ssk= 16 sts.

Head circumference 54 - 56 cm/21.3 - 22.1":

Rnd 10: 2 sts in 1/1 ribbing, k2tog, p1 (= marked st), ssk, *work 3 sts in 1/1 ribbing, k2tog, p1 (= marked st), ssk, rep from * 2 more times, 3 sts in 1/1 ribbing = 26 sts.

Rnd 11: k1, k2tog, p1 (= marked st), ssk, * p1, k2tog, p1 (= marked st), ssk, rep from * 2 more times, 2 sts in 1/1 ribbing = 18 sts.

Rnd 12: k2tog, work sts as they appear to 3 sts before end of rnd, ssk, p1 = 16 sts.

Head circumference 57 - 59 cm/22.4 - 23.2":

Rnd 10: 2 sts in 1/1 ribbing, k2tog, p1 (= marked st), ssk, *work 5 sts in 1/1 ribbing, k2tog, p1 (= marked st), ssk, rep from * 2 more times, p1 = 30 sts.

Rnd 11: k1, k2tog, p1 (= marked st), ssk, *work 3 sts in 1/1 ribbing, k2tog, p1 (= marked st), ssk, rep from * 2 more times = 22 sts

Rnd 12: k2, p1 (= marked st), ssk, p1, k2tog, p1 (= marked st), ssk, p1, k2tog, p1 (= marked st), ssk, p1, k2tog, p1 (= marked st), k1 = 16 sts.

Head circumference 60 - 62 cm/23.6 - 24.4":

Rnd 10: work 4 sts in 1/1 ribbing, k2tog, p1 (= marked st), ssk, *work 5 sts in 1/1 ribbing, k2tog, p1 (= marked st), ssk, rep from * 2 more times, work 3 sts in 1/1 ribbing = 34 sts.

Rnd 11: work 3 sts in 1/1 ribbing, k2tog, p1 (= marked st), ssk, *work 3 sts in 1/1 ribbing, k2tog, p1 (= marked st), ssk, rep from * 2 more times, work 2 sts in 1/1 ribbing = 26 sts.

Rnd 12: work 2 sts in 1/1 ribbing, k2tog, p1 (= marked st), ssk, * p1, k2tog, p1 (= marked st), ssk, rep from * 2 more times, p1 = 18 sts.

Rnd 13: k1, k2tog, work sts as they appear to 2 sts before end of rnd, ssk = 16 sts.

All sizes:

Cut yarn generously and thread yarn end through rem sts.

EDGING

There are two ways to finish the edges of the hat, either with an I-Cord or with a double layered stockinette stitch edge.

I-CORD EDGE

Using circ. ndl size 4.0 mm, PUK sts along edge of hat. To make the knitting look nice when the front flap is folded upwards.

Lay the hat in front of you with the flap turned up. Unwind approx. 150 cm/59" of yarn from the ball, do not cut it and use it to pick up and knit sts along the front flap. Start at the right-hand side of the flap (see **Pic 3 and 4**), as follows:

PUK **18 (20) 21 (21) sts** along edge of front flap (in the ratio "4 stitches from 5 rows"), PUK **19 (21) 23 (23) sts** from CO edge and PUK another **18 (20) 21 (21) sts** along edge of front flap.

Now move the **55 (61) 65 (65) sts** on left side of circ. ndl over to the right-hand side of circ. ndl (**Pic 5**), continue working with the strand of yarn that comes from the ball and PUK the rem sts for the edging. Start at the left ear flap (from the worn perspective) (**Pic 6**), as follows:

Left ear flap: PUK **24 (26) 28 (29) sts** along edge of ear flap (in the ratio "4 stitches from 5 rows"), PUK **9 (11) 11 (13) sts** from CO edge and PUK another **20 (21) 22 (22) sts** along edge of ear flap. PUK **15 (17) 19 (19) sts** from back part of hat. Right ear flap: PUK **20 (21) 22 (22) sts** along edge of ear flap, PUK **9 (11) 11 (13) sts** from CO edge and PUK another **24 (26) 28 (29) sts** along edge of ear flap.

There is now a total of **176 (194) 206 (212) sts** on the ndl. Join for working in the round and work I-Cord BO (Tutorial: <https://www.youtube.com/watch?v=7ia2hp1As5s>). To do this, first work 2 new sts out of the first st of the rnd, or CO 2 new sts. Then BO as follows:

I-Cord rnd: * k2, k2tog tbl, slip 3 sts back onto LH ndl, rep from * until only 3 sts rem on LH ndl.

Graft the rem 3 sts to beginning of I-Cord. Here is a very good tutorial on this subject:

<https://youtu.be/aOMANu7Ucyo>



Pic. 3:
Start picking up and knit sts along edge of front flap.



Pic. 4:
All stitches from the edges of the front flap are picked up knitted...



Pic. 5:
... move sts on LH side of circ. ndl over to RH side of circ. ndl...



Pic. 6:
... continue working with the strand of yarn that comes from the ball and PUK the rem sts for the edging. Start at the left ear flap (from the worn perspective).

DOUBLE-LAYERED EDGING

Slightly more yarn is needed for the double layered stockinette stitch edging than what is needed for the I-Cord edge.

First, using circ. ndl size 4.0 mm, PUK sts along edge of hat, starting at the center back of the hat, as follows: PUK 8 (9) 9 (9) sts along edge of back part, then from right ear flap (from worn perspective): PUK 20 (21) 22 (22) sts along edge of flap (in the ratio "4 stitches from 5 rows"), PUK 9 (11) 11 (13) sts from CO edge and PUK another 24 (26) 28 (29) sts along edge of flap, then along front flap: PUK 18 (20) 21 (21) sts along edge of flap, PUK 19 (21) 23 (23) sts from CO edge and PUK another 18 (20) 21 (21) sts along edge of flap, the from left ear flap: PUK 24 (26) 28 (29) sts along edge of flap, PUK 9 (11) 11 (13) sts from CO edge and PUK another 20 (21) 22 (22) sts along edge of flap and finally, PUK another 7 (8) 10 (10) sts along edge of back part of the hat.

There are now **176 (194) 206 (212) sts** on the ndl. Join for working in the round, place beg-of-round marker and knit **6 (7) 7 (7) rnds**, do not cut yarn. Then fold the border inwards, so that a double layer is formed and, using crochet hook size 4.0 mm, crochet slip sts to fixate. This method results in a very decorative border. The procedure is explained in detail on pages 9-10, using pictures to clarify.

Tip: „ If you don't have a crochet hook at hand or don't want to crochet, you can also sew the edge with a whip stitch. Here is a helpful tutorial on the whip stitch: <https://youtu.be/ML-Ea7DAI0Q> .”

FINISHING

EAR FLAP STRAPS

The straps on the ear flaps are worked as I-cords, using dpns size 4.0 mm. Start by picking up and knit **3 sts** at the center of the inside of the bottom edge of the ear flap (**Pic 7**). Move the sts to the other side of the dpn and knit the sts. Do not turn work, but move the sts to the RH side of the dpn again and knit them again. Continue as set, until the desired length is reached (**Pic 8**).

Here is a good tutorial on the I-Cord: https://www.youtube.com/watch?v=9a1_OHAmEW8



Pic. 7:
PUK 3 sts at inside center of bottom ear flap edge,



Pic. 8:
....and work as I-Cord.

Weave in all ends. Secure the front flap to the hat with a few stitches. Handwash the hat once, carefully squeeze out the water using a towel (do not wring it!) and let it dry flat. The knitted piece becomes smoother, the sts will even out and the hat will become a tad bigger.

Tip: „If I'm impatient and don't want to wash the hat, I just pull it over a balloon, moisten it with a spray bottle and let it dry like that. This will shape it up and make it a little more supple.”

TERMS & EXPLANATIONS

Right leaning knitted increase from the bar between 2 sts (M1R knitwise)

Using left ndl tip, pick up the bar from back to front and knit this st.

Here you can find a good tutorial: <https://www.youtube.com/watch?v=w2uZGTOQ1g4>

Left leaning knitted increase from the bar between 2 sts (M1L knitwise)

Using left ndl tip, pick up the bar from front to back and knit this st through the back loop.

Here you can find a good tutorial: <https://www.youtube.com/watch?v=w2uZGTOQ1g4>

Right leaning purled increase from the bar between 2 sts (M1R purlwise)

Using left ndl tip, pick up the bar from front to back and purl this st through the back loop.

Here you can find a good tutorial: <https://simply-kreativ.de/bibliothek/strickvideo-strickbibel-2-kapitel-10-linke-maschenaus-querfaden-zunehmen/>

Left leaning purled increase from the bar between 2 sts (M1L purlwise)

Using left ndl tip, pick up the bar from back to front and purl this st.

Here you can find a good tutorial: <https://simply-kreativ.de/bibliothek/strickvideo-strickbibel-2-kapitel-10-linke-maschenaus-querfaden-zunehmen/>

Left leaning decrease (ssk)

Slip 1 st knitwise, slip 1 st knitwise, slip sts back onto LH ndl and knit together through back loops.

Right leaning decrease (k2tog)

Insert needle into 2 sts at the same time and knit these 2 sts together.

Fixate double layered border, using slip sts



Step 1

Start at beg of rnd (with RS facing towards you),
Insert crochet hook into first st underneath first row
of stockinette stitch edging ...



... move crochet hook upwards, behind work.



Step 2

Insert crochet hook from right to left into first st on
knitting ndl and slip this st onto crochet hook.



Step 3

Pull working yarn through slipped st and inserted st to
the front of the work, ...



...so that a loop is formed at the front of the work.



Step 4

Insert crochet hook into next st underneath first row of stockinette stitch edging.



Step 5

Move crochet hook upwards, behind work, and insert vcrochet hook from right to left into first st on knitting ndl and slip this st onto crochet hook.



Step 6

Pull working yarn through slipped st and inserted st to front of work.



Step 7

There are now 2 sts on crochet hook. Crochet 1 sl st (pull first loop through second loop on hook)
= 1 loop rem on hook.



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Keep repeating steps 4 - 7 until there are no more sts left on knitting ndl. Cut yarn and pull yarn end through last loop on hook.

ABBREVIATIONS

beg	= begin(ning)
BO	= bind off
circ.	= circular
CO	= cast on
dpn(s)	= double pointed needle(s)
dec('s)	= decrease(s)
inc('s)	= increase(s)
k	= knit
k2tog	= knit 2 sts together
LH	= left hand
M	= marker
M1 (knitwise/purlwise)	= increase 1 st by working the bar between 2 sts as a twisted knit/purl stitch
M1L	= make 1 left leaning increase
M1L knitwise	= make 1 left leaning increase knitwise
M1L purlwise	= make 1 left leaning increase purlwise
M1R	= make 1 right leaning increase
M1R knitwise	= make 1 right leaning increase knitwise
M1R purlwise	= make 1 right leaning increase purlwise
ndl(s)	= needle(s)
p	= purl
pM	= place marker
PUK	= pick up and knit
rem	= remaining
rep	= repeat
RH	= right hand
rnd(s)	= round(s)
sl	= slip
ssk	= slip 1 st knitwise, slip 1 st knitwise, move sts back onto left ndl, knit together through back loops
RS	= right side
st(s)	= stitch(es)
tbl	= through back loop
WS	= wrong side