



# Crystal

*Cabled hat by Irina Dmitrieva*

**Sizes:** To fit head sizes 53-58cm / 21-23"

**Finished Measurements:** 45 cm/18" brim circumference and 50 cm/20" circumference body of hat, 22 cm/ 8 ½" height from base of ribbing to top center of crown. Measurements taken from relaxed fabric after blocking.

**Yarn:** 185 yards of worsted weight wool yarn.

**Shown in:** Kartopu Merino (100% Wool; 170m/186 yards per 100g ball).

**Gauge:** 18 stitches and 26 rounds = 4" in Stockinette Stitch worked in the round with larger needle, before blocking.

**Needles:** 4 mm/US 6 and 5.5 mm/US 9 circular needle, 40 cm/16" long; 1 set 5.5 mm/US 9 double-pointed needles or 80 cm/32" circular needle for magic loop, 3.75 mm/US 5 circular needle, 40 cm/16" long for Tubular Cast On only.

**Notions:** 1 stitch marker, tapestry needle.

## Directions

With circular needle for Tubular Cast On (sugg. 3.75 mm/US 5), cast on 100 stitches using the [Long Tail Tubular Cast On Method](#).

**Note:** If you do not wish to work a Tubular Cast On, with 4 mm/US 6 circular needle, cast on 100 stitches using your preferred method, place marker and join work into the round and start to work **Ribbed Brim**.

**Row 1:** \*knit 1, slip 1 with yarn in front, repeat from \* to end of row.

Join to work in the round, being careful to not twist the stitches.

**Round 2:** \*slip 1 with yarn in back, purl 1, repeat from \* to end of round.

**Round 3:** \*knit 1, slip 1 with yarn in front, repeat from \* to end of round.

**Round 4:** \*slip 1 with yarn in back, purl 1, repeat from \* to end of round.

**Round 5 (Rearrange stitches for 2x2 ribbing):** \* knit1, slip 1 stitch to cable needle and hold in back, knit 1 from left needle, purl 1 from cable needle, purl 1, repeat from \* to end of round.

## Ribbed Brim

Change to needles 4 mm/US 6.

**Ribbing Round:** \* knit2, purl2; repeat from \* to the end of round.

Repeat the Ribbing Round 9 more times. (10 times total). If you do not use a Tubular Cast On repeat the Ribbing Round 2 more times.

**Increase Round 1(Chart 1):** \*knit2, purl2, knit1, kfb, pfb, purl1, [knit2, purl2] twice3 times; repeat from \* to the end of round. (10 stitches increased; 110 stitches now on needle)

## Cabled Body

Change to larger needles (sugg. 5.5 mm/US 9), begin with Round 1, work Cable pattern from Chart 2 or instructions below:

**Round 1:** \* knit2, purl 2, C4F, purl2, [knit2, purl2] twice3 times; repeat from \* to the end of round.

**Round 2 and all even except rounds 6 and 8:** knit the knits and purl the purls as you see them.

**Round 3:** \*[T3F, T3B] twice, purl2, T3F, T3B, purl2; repeat from \* to the end of round.

**Round 5:** \*purl1, C4B, purl2, C4F, purl4, C4B, purl3; repeat from \* to the end of round.

**Round 6:** \*purl1, knit4, purl2, knit4, purl3, pfb, knit4, pfb, purl2; repeat from \* to the end of round. (10 stitches increased; 120 stitches now on needle)

**Round 7:** \*purl1, knit4, purl2, knit4, purl3, C4B, C4F, purl2; repeat from \* to the end of round.

**Round 8:** \*purl1, knit4, purl2, knit4, purl2, pfb, knit8, pfb, purl1; repeat from \* to the end of round. (10 stitches increased; 130 stitches now on needle)

**Round 9:** \*purl1, knit4, purl2, knit4, purl2, C4B, C2F, C2B, C4F, purl1; repeat from \* to the end of round.

**Round 11:** remove marker, purl1, replace marker, here is the beginning of the round now. \*C4B, purl2, C4F, C4B, [C2F, C2B] twice, C4F; repeat from \* to the end of round.

**Round 13:** remove marker, knit 2, replace marker, here is the beginning of the round now. \*T3F, T3B, T4F, [C2F, C2B] 3 times, T4B; repeat from \* to the end of round.



*Work round 14 to last 1 stitch remain in round, slip 1 stitch from left to right needle, remove marker, replace slipped stitch on left needle, replace marker, here is the beginning of the round now.*

**Round 15:** \* purl2, C4F, purl3, T4F, [C2F, C2B] twice, T4B, purl1; repeat from \* to the end of round.

*Work round 16 to last 2 stitches remain in round, slip 2 stitches from left to right needle, remove marker, replace 2 slipped stitches on left needle, replace marker, here is the beginning of the round now.*

**Round 17:** \* purl2, C4B, C4F, purl3, T4F, C2F, C2B, T4B, purl1; repeat from \* to the end of round.

*Work round 18 to last 2 stitches remain in round, slip 2 stitches from left to right needle, remove marker, replace 2 slipped stitches on left needle, replace marker, here is the beginning of the round now.*

**Round 19:** \* purl2, C4B, C2F, C2B, C4F, purl3, T4F, T4B, purl1; repeat from \* to the end of round.

*Work round 20 to last 2 stitches remain in round, slip 2 stitches from left to right needle, remove marker, replace 2 slipped stitches on left needle, replace marker, here is the beginning of the round now.*

**Round 21:** \* purl2, C4B, [C2F, C2B] twice, C4F, purl3, C4B, purl1; repeat from \* to the end of round.

**Round 23:** \* C4B, [C2F, C2B] 3 times, C4F, T3B, T3F; repeat from \* to the end of round.

**Round 25:** remove marker, knit 2, replace marker, here is the beginning of the round now.

\*T4F, [C2F, C2B] twice, T4B, C4F, purl2, C4B; repeat from \* to the end of round.

**Round 27:** \* purl2, T4F, C2F, C2B, T4B, [purl2, knit4] twice; repeat from \* to the end of round.

**Round 29:** \* purl4, T4F, T4B, purl4, knit4, purl2, knit4; repeat from \* to the end of round.

**Round 31:** \* purl6, C4F, purl6, C4F, purl2, C4B; repeat from \* to the end of round.

### *Crown shaping*

*Continue with Round 33, work pattern from Chart 2 or instructions below. When hat gets too small to work comfortably on 16-inch circular, switch to DPNs or long circulars as you prefer.*

**Round 33:** remove marker, knit 2, replace marker, here is the beginning of the round now.

\*purl4, knit4, purl4, T4BD, T3F, T3B, T4FD; repeat from \* to the end of round.

**Round 34 and all even except rounds 44 and 50:** knit the knits and purl the purls as you see them.

*Work round 34 to last 2 stitches remain in round, slip 2 stitches from left to right needle, remove marker, replace 2 slipped stitches on left needle, replace marker, here is the beginning of the round now.*

**Round 35:** \* T4FD, purl2, C4F, purl2, T4BD, purl2, C4B, purl2; repeat from \* to the end of round.

**Round 37:** \* purl1, [T3F, T3B] twice, purl2, k2tog, knit2, ssk, purl1; repeat from \* to the end of round.

**Round 39:** \* purl2, C4F, purl2, C4B, purl3, ssk, k2tog, purl1; repeat from \* to the end of round.

**Round 41:** \* purl1, k2tog, knit3, purl2, knit3, ssk, purl1, p2tog twice; repeat from \* to the end of round.

**Round 43:** \* purl1, T4FD, purl2, T4BD, purl3; repeat from \* to the end of round.

**Round 44:** \* purl2, knit1, ssk, k2tog, knit1, purl4; repeat from \* to the end of round.

**Round 45:** \* p2tog, C4F, p2tog, purl2; repeat from \* to the end of round.













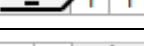
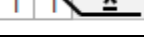
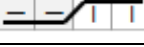
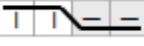
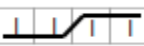
**Round 47:** \* k2tog, knit2, ssk, purl2; repeat from \* to the end of round.

**Round 49:** \* ssk, k2tog, purl2; repeat from \* to the end of round.

**Round 50:** \* k2tog, p2tog; repeat from \* to the end of round.

Use tapestry needle to pull end through remaining stitches. Weave in ends.

## Legend

	<b>knit</b>	Knit stitch
	<b>purl</b>	Purl stitch
	<b>kfb</b>	Knit into front and back of a stitch
	<b>pfb</b>	Purl into front and back of a stitch
	<b>k2tog</b>	Knit two stitches together
	<b>SSK</b>	Slip, Slip, Knit: Slip next stitch from left needle to right needle knitways. Slip next stitch the same way. Return both stitches to left needle in their new twisted positions and k2tog
	<b>p2tog</b>	Purl 2 together
	<b>C4B</b>	Slip 1 stitch to cable needle and hold in back. Knit 1 from left needle, knit 1 from cable needle.
	<b>C4F</b>	Slip 1 stitch to cable needle and hold in front. Knit 1 from left needle, knit 1 from cable needle.
	<b>T3B</b>	Slip 1 stitch to cable needle and hold in back. Knit 2 from left needle, purl 1 from cable needle.
	<b>T3F</b>	Slip 2 stitches to cable needle and hold in front. Purl 1 from left needle, knit 2 from cable needle.
	<b>T4BD</b>	Slip 2 stitches to cable needle and hold in back. Knit 2 from left needle, purl 2 together from cable needle.
	<b>T4FD</b>	Slip 2 stitches to cable needle and hold in front. Purl 2 together from left needle, knit 2 from cable needle.
	<b>T4B</b>	Slip 2 stitches to cable needle and hold in back. Knit 2 from left needle, purl 2 from cable needle.
	<b>T4F</b>	Slip 2 stitches to cable needle and hold in front. Purl 2 from left needle, knit 2 from cable needle.
	<b>C4B</b>	Slip 2 stitches to cable needle and hold in back. Knit 2 from left needle, knit 2 from cable needle.
	<b>C4F</b>	Slip 2 stitches to cable needle and hold in front. Knit 2 from left needle, knit 2 from cable needle.

# Charts

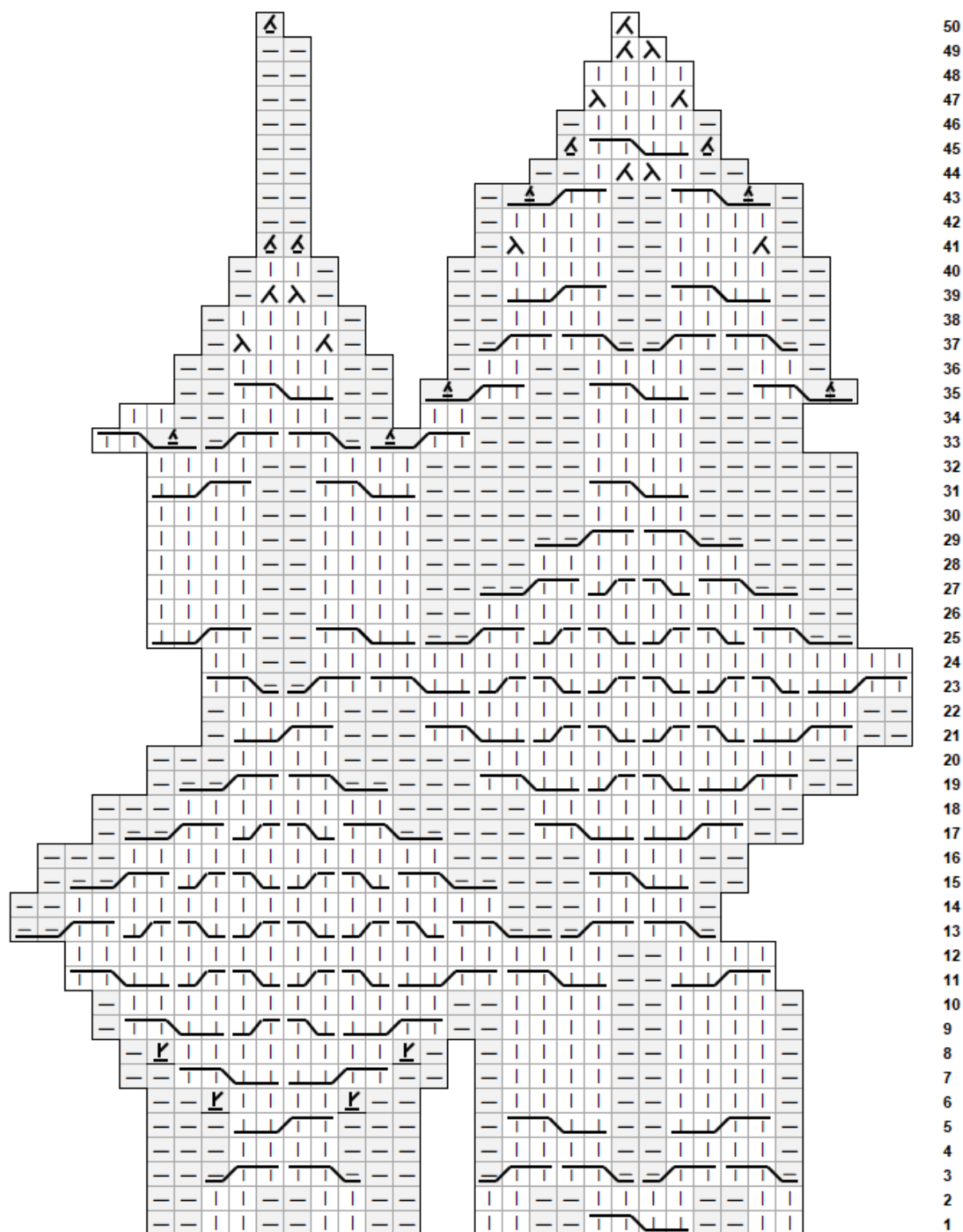


Chart 2

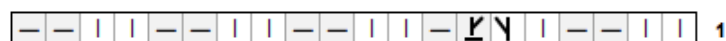


Chart 1