

# BOTTIES®

## Felted Botties®

Free basic  
instructions for  
felting wool  
50 g / 50 m  
Needle size 6-8



Design: Dagmar Scholz

### For this model you will need:



1 pair of Botties soles



Kids XXS / XS / S / M = 100 g  
Kids L / XL / Adults XXS / XS / S = 150 g  
Adults S+ / M / L / XL = 200 g

For crocheting around the sole and attaching the boot: Yarn with min. 40% synthetic fibre, and thick, robust thread or Botties® „Round 0 Yarn“



Matching insoles, e.g. felt or latex foam insoles, 10 mm thick



1 thick embroidery needle, 1 hand sewing needle (for leather) (no. 7), long pins, 1 pair of 8 mm knitting needles, 1 pair of 9 mm knitting needles for the cast-on (if needed), 2.5 mm crochet hook

## YARN RECOMMENDATION

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Composition: 100% wool, yardage: 50 m / 50 g

Tension: 10 x 10 cm = 10 sts and 17 rows in stockinette stitch. After felting: 10 x 10 cm = 14 sts and 26 rows. The instructions are based on the tension after felting. When knitted, it is about 40% bigger. It is crucial to work with the exact tension. If in your swatch there are more stitches to 10 cm, use bigger needles; if there are less, use smaller needles.

## GENERAL INSTRUCTIONS

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**Felt:** Wool felt is achieved through moisture, heat and motion. For yarn felting you need unspun 100% wool yarn, a washing machine, and a little detergent. The golden rule is: The higher the temperature and the more agitation, the denser the felt. We felted at 60 °C, which gives the boot a good stability without being too rigid. The felted fibre makes it warm as well as highly water-repellent, and also balances humidity. When still damp, the boot can be shaped, and measurements adjusted to the given pattern. You can remove dirt with a brush or a moist cloth, but the finished boot can also be machine-washed at 20 °C without losing its shape.

**Felting:** Set the machine to 60 °C at the normal cycle, use a colour-safe detergent, and don't fill up the machine more than half. Remember that fuzz is released during felting, so please do not add delicate pieces to the wash.

**Taking your measurements:** To determine the instep height, plant the foot and measure at the highest point from one side to the other. The instep height should be about 10% smaller than the measure given for the selected size, so the shoe has a good fit. For slim feet with a smaller instep height, you can work 2 rows (approx. 0.8 cm) less at the beginning. You can also adjust it after felting by not stretching this part of the boot too much when pulling it into shape.

For broad feet with a bigger instep height, work 1-2 additional rows at the beginning. You can also adjust the boot after felting by pulling it into shape.

**Cast-on:** Make sure the cast-on stitches are not too tight. If necessary, use 9 mm knitting needles.

**Edge stitches** should be pulled tight.

**Stockinette stitch:** Knit all stitches on the right side (uneven rows), purl all stitches on the wrong side (even rows).

**Decreases:** Decreases are always worked at the beginning of a row. At the right edge (even rows), knit and cast off the stitches; at the left edge (uneven rows), purl and cast off the stitches. The slight offset arising from this will be compensated when sewing the piece together.

**Decreases at the right edge:** Knit the first stitch, \*slip the stitch back on the left needle, knit 2 sts together\*. Repeat from \* to \*.

**Decreases at the left edge:** Purl the first stitch, \*slip the stitch back on the left needle, purl 2 sts together\*. Repeat from \* to \*.

**Finishing the upper edge:** To make sure the upper edge of the boot remains stretchy after felting, the stitches are not cast off. Instead, pull the yarn through the open stitches. Stretch the piece a little, so the yarns lie loosely in the stitches, then weave in the end.

**Sewing and felting:** First, press the knitted piece with a steam iron at medium temperature until it lies completely flat, making sure to press very gently (img. 5). Sew the front of the boot together using a technique that ensures a flat seam (img. 6), steam. Now machine wash the boot at 60 °C with a little colour-safe detergent, and a spin speed of 1200 rpm.

Directly after felting, **when the boot is still damp**, pull it into shape to match the given measurements (img. 7). During shaping, check the measurements either against a paper pattern you've cut with the actual measurements, or check them with a tape measure. To complete the individual shaping to your foot, put on the boot while it is still damp. Now you can adjust it by softly squeezing or pulling. The lower edge should end 0.5-1 cm above the ground, so the boot fits tightly once it has been sewn to the sole. It is important that the measurements of the sole circumference and instep height are correct. You should also be able to put the boot on and take it off comfortably without it sitting too loosely on your foot.

**First aid:** What shall I do if there is some creasing after felting or the edge has rolled down a little? No problem: While the boot is still damp, use a seam ripper to carefully cut through the felt underneath the crease or the edge. Advance carefully, then steam this part with a steam iron.

#### Abbreviations:

p = purl

st(s) = stitch(es)

r(s) = row(s)

rnd(s) = round(s)

k = knit

#### PREPARING THE SOLES:



#### VIDEO TIP!

Watch the video to see **how to crochet around the sole!** We also show you a second possibility: the blanket stitch. Scan the QR code with your smartphone camera for more!

Crochet around the sole as shown in the step-by-step instructions. Then pull the felted boot over the crochet edge (img. 8) and sew it on with a closely placed blanket stitch, using the sewing needle for leather and robust thread (img. 9).

Use a 2.5 mm crochet hook to **crochet around the sole**. Hold the sole with the heel facing you. Insert the crochet hook from the inside to the outside of the central hole on the bottom row, and pass the yarn through the hole. Now insert the crochet hook through the hole on top of the first hole from the outside to the inside; wrap yarn over hook, pass the yarn through the hole and finish working the single crochet (img. 2). Repeat this for the rest of the heel, making sure that the stitches aren't too tight as you will continue with a bigger crochet hook in the next round. Therefore always make the loops a little larger. Work all the stitches in the holes beyond the heel in single crochet (img. 3), then close the round with a slip stitch (img. 4).

## KNITTING INSTRUCTIONS:

If instructions/measurements vary for the bigger size, they are **marked in red after the slash**.

A: 24-27 (EU) — Kids **XXS** / Kids **XS**

B: 28-31 (EU) — Kids **S** / Kids **M**

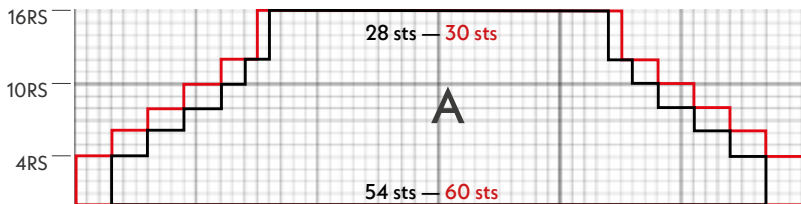
C: 32-35 (EU) — Kids **L** / Kids **XL**

D: 36-38 (EU) — **XXS**

E: 38-39 (EU) — **XS** / **S**

F: 40-43 (EU) — **S+** / **M**

G: 44-46 (EU) — **L** / **XL**

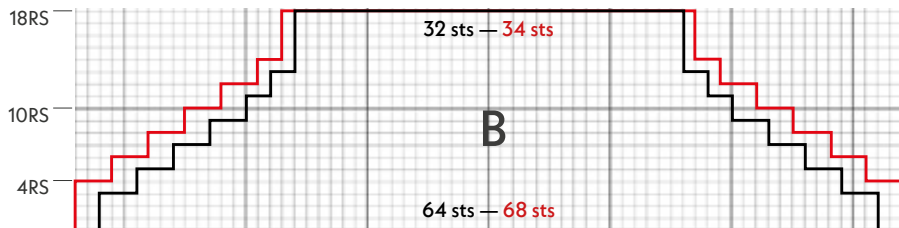


### Chart A for sizes Kids **XXS**, Kids **XS**

Size (EU) 24-25 / **26-27**

Sole circumference: 38.5 / **42.5** cm — leg height: 6 cm — leg circumference: 20 / **21** cm

Cast on 54 / **60** sts. Following chart A, work 2 rs in stockinette stitch. Then cast off 3x 3 sts and 2x 2 sts / **5x 3** sts in every other row. After having worked 12 rs in total, work 4 more rs without decreasing. After having worked 16 rs in total, pull the yarn through the sts as described in "general instructions".

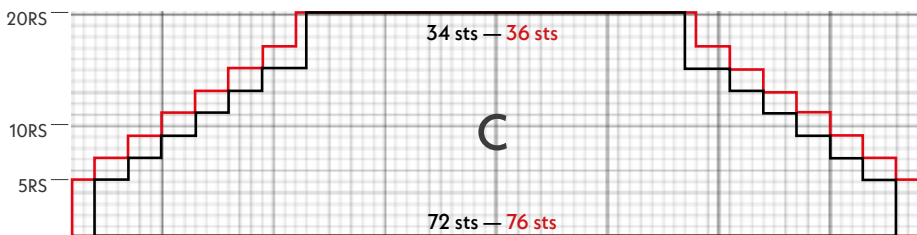


### Chart B for Kids **S**, Kids **M**

Size (EU) 28-29 / **30-31**

Sole circumference: 45.5 / **49** cm — leg height: 7 cm — leg circumference: 23 / **24** cm

Cast on 64 / **68** sts. Following chart B, work 1/2 rs in stockinette stitch. Then cast off 4x 3sts and 2x 2 sts / **5x 3 sts and 1x 2 sts** in every other row. After having worked 13 / **14** rs in total, work 5 / **4** more rs without decreasing. After having worked 18 rs in total, pull the yarn through the sts as described in "General instructions".

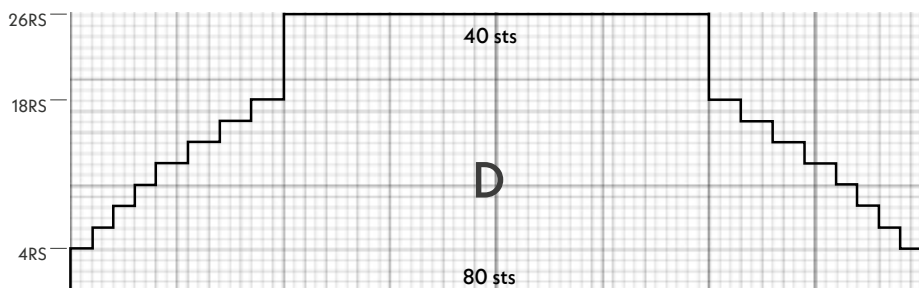


### Chart C for Kids L, Kids XL

Size (EU) 32-33 / 34-35

Sole circumference: 51.5 / 54.5 cm — leg height 7.5 cm — leg circumference 24 / 25 cm

Cast on 72 / 76 sts. Following chart C, work 3 rs in stockinette stitch. Then cast off 5x 3 sts and 1x 4 sts / 1x 2 sts and 6x 3 sts in every other row. After having worked 15 / 17 rs in total, work 5 / 3 more rs without decreasing. After having worked 20 rs in total, pull the yarn through the sts as described in "General instructions".

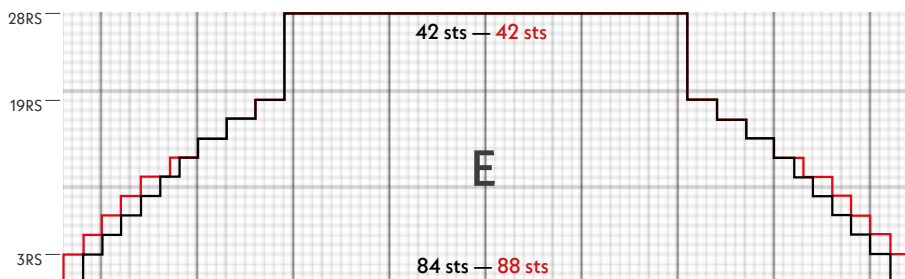


### Chart D for Adults XXS

Size (EU) 36-37

Sole circumference: 57.5 cm — leg height 10 cm — leg circumference 28 cm

Cast on 80 sts. Following chart D, work 2 rs in stockinette stitch. Then cast off 4x 2 sts and 4x 3 sts in every other row. After having worked 18 rs in total, work 8 more rs without decreasing. After having worked 26 rs in total, pull the yarn through the sts as described in "General instructions".

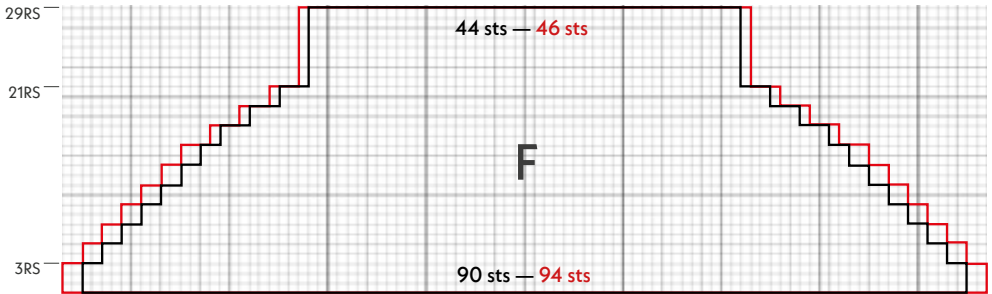


### Chart E for Adults XS, S

Size (EU) 38 / 39

Sole circumference: 60 / 62 cm — leg height 10.5 cm — leg circumference 30 cm

Cast on 84 / 88 sts. Following chart E, work 1 r in stockinette stitch. Then cast off 6x 2 sts and 3x 3 sts / 4x 2 sts and 5x 3 sts in every other row. After having worked 19 rs in total, work 9 more rs without decreasing. After having worked 28 rs in total, pull the yarn through the sts as described in "General instructions".

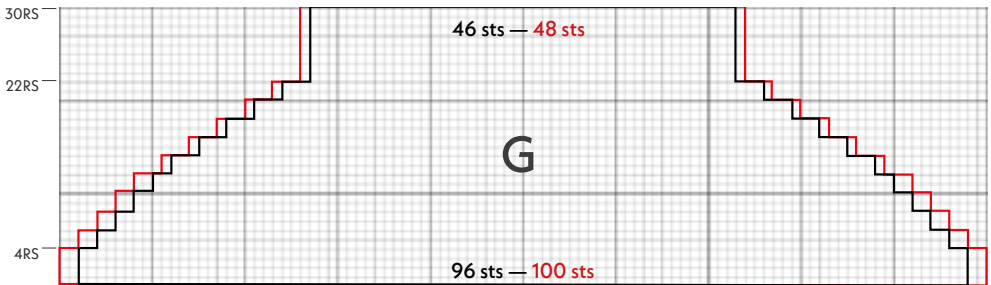


### Chart F for Adults S+, M

Size (EU) 40-41 / 42-43

Sole circumference: 64 / 66 cm — leg height 11 cm — leg circumference 31 / 32 cm

Cast on 90 / 94 sts. Following chart F, work 1 r in stockinette stitch. Then cast off 7x 2 sts and 3x 3 sts / 6x 2 sts and 4x 3 sts in every other row. After having worked 21 rs in total, work 8 more rs without decreasing. After having worked 29 rs in total, pull the yarn through the sts as described in "General instructions".



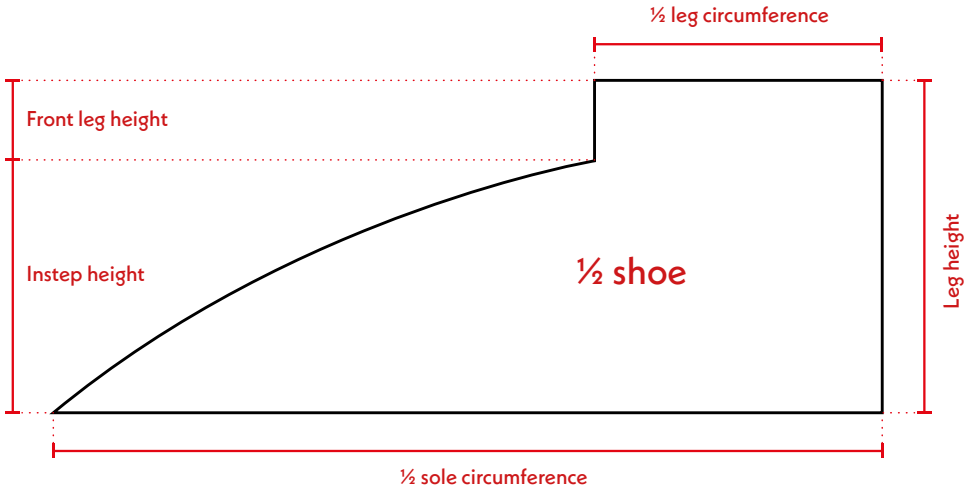
### Chart G for Adults L, XL

Size (EU) 44 / 45-46

Sole circumference: 69 / 71.5 cm — leg height 11.5 cm — leg circumference 33 / 34 cm

Cast on 96 / 100 sts. Following chart G, work 2 rs in stockinette stitch. Then cast off 6x 2 sts and 5x 2 sts and 5x 3 sts / 4x 2 sts and 6x 3 sts in every other row. After having worked 22 rs in total, work 8 more rs without decreasing. After having worked 30 rs in total, pull the yarn through the sts as described in "General instructions".

## MEASUREMENTS \* AFTER FELTING



### Instep height

A = 4.5 cm  
 B = 5 cm / 5.5 cm  
 C = 6 cm / 6.5 cm  
 D = 7 cm  
 E = 7.5 cm  
 F = 8 cm  
 G = 8.5 cm

### Front leg height

A = 1.5 cm  
 B = 2 cm / 1.5 cm  
 C = 1.5 cm / 1 cm  
 D = 3 cm  
 E = 3 cm  
 F = 3 cm  
 G = 3 cm

### Leg height

A = 6 cm  
 B = 7 cm  
 C = 7.5 cm  
 D = 10 cm  
 E = 10.5 cm  
 F = 11 cm  
 G = 11.5 cm

### $\frac{1}{2}$ sole circumference

A = 19.25 cm / 21.25 cm  
 B = 22.75 cm / 24.5 cm  
 C = 25.75 cm / 27.25 cm  
 D = 28.75 cm  
 E = 30 cm / 31 cm  
 F = 32 cm / 33 cm  
 G = 34.5 cm / 35.75 cm

### $\frac{1}{2}$ leg circumference

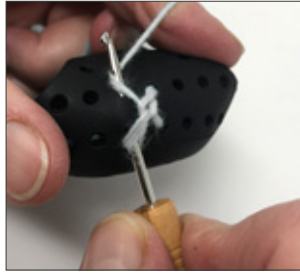
A = 10 cm / 10,5 cm  
 B = 11.5 cm / 12 cm  
 C = 12 cm / 12.5 cm  
 D = 14 cm  
 E = 15 cm  
 F = 15.5 cm / 16 cm  
 G = 16.5 cm / 17 cm

\* If there is only one value, it applies to both sizes.

## Crochet around the sole



1



2



3



4

## Knit and felt



5



6



7



8



9

