# Spiral tube socks

Women's, foot 9 to 10 in (23 to 25.5 cm) · US terms



Finished size
**About 15 in (38 cm) long, the ribbing and the toe with it, and about 9 in (23 cm) round, unstretched; of the length, about 9½ in (24 cm) is for the foot and the rest for the leg**

Skill
**Intermediate**

Yarn
**Light (3), 3 colors**

Hook
**3.5 mm (US E-4)**

Gauge
**20 stitches and 23 rounds to 4 in (10 cm)**
In single crochet.

## You will need

| | |
|---|---|
| Yarn A: teal, the ribbing, the star toe and one stripe | **about 215 yd (197 m), an estimate** |
| Yarn B: mustard, the second stripe | **about 100 yd (91 m), an estimate** |
| Yarn C: cream, the third stripe | **about 100 yd (91 m), an estimate** |

Hook: 3.5 mm (US E-4), or the size that gives you the gauge. Also: a stitch marker, a yarn needle and scissors.

To find how many balls: divide by the length on your yarn's label and round up. Buy them from one dye lot. The estimate is from the stitches of this size at this gauge.

## Sizes

| Size | Finished size, about | Yarn, an estimate |
|---|---|---|
| **Kids, foot 7 to 8 in (18 to 20.5 cm)** | 11½ in (29 cm) long, 7¼ in (18.5 cm) round | about 265 yd (242 m) |
| **Women's, foot 9 to 10 in (23 to 25.5 cm) (this file)** | **15 in (38 cm) long, 9 in (23 cm) round** | **about 415 yd (379 m)** |
| **Men's, foot 10½ to 11½ in (26.5 to 29 cm)** | 17¼ in (44 cm) long, 10¾ in (27.5 cm) round | about 560 yd (512 m) |


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## Abbreviations

Written in US terms. Where the UK name differs it is given beside the US one.

| | |
|---|---|
| **BLO** | back loop only: of the two loops at the top of the stitch, work under the one farther from you |
| **hdc** | half double crochet (UK htr, half treble) |
| **sl st** | slip stitch (UK ss, slip stitch) |
| **sc** | single crochet (UK dc, double crochet) |
| **dc** | double crochet (UK tr, treble) |
| **ch** | chain stitch |
| **RS** | right side |
| **Rnd** | round |
| **st** | stitch |

### Special stitches

**sc2tog (Single crochet 2 together (UK dc2tog)):** Insert the hook in the next st, yarn over and draw up a loop, insert the hook in the st after it, yarn over and draw up a loop, yarn over and draw through all 3 loops on the hook. It makes 1 st of 2.

**hdc2tog (Half double crochet 2 together (UK htr2tog)):** Yarn over, insert the hook in the next st and draw up a loop, yarn over, insert the hook in the st after it and draw up a loop, yarn over and draw through all 5 loops on the hook. It makes 1 st of 2.

**FPdc (Front post double crochet (UK raised treble at the front)):** Yarn over, insert the hook from the front to the back and to the front again round the post (the upright part) of the st, yarn over and draw up a loop, [yarn over, draw through 2 loops] 2 times. Leave the top of that st unworked. It leaves 1 FPdc for the next row or round.

**BPdc (Back post double crochet (UK raised treble at the back)):** Yarn over, insert the hook from the back to the front and to the back again round the post of the st, yarn over and draw up a loop, [yarn over, draw through 2 loops] 2 times. Leave the top of that st unworked. It leaves 1 BPdc for the next row or round.

## Gauge

**20 stitches and 23 rounds to 4 in (10 cm)** in single crochet.

In half double crochet in the back loop only: 20 stitches and 18 rows to 4 in (10 cm). After 6 rows, measure from the foundation ch to the top of the last row, straight up the rows: about 1¼ in (3 cm).

Use any hook that gives you this. If you count more stitches than this in 4 in (10 cm), change to a larger hook; if you count fewer, to a smaller one.

## Before you start

- Measure the foot from the back of the heel to the tip of the longest toe and choose the size whose range holds that measure; a foot that lies between two ranges takes the larger of the two sizes. The tube stretches over the heel.
- The pattern makes a pair: a part headed (make 2) is worked once for each sock. Each sock is worked in this order: tube, ribbing, star toe.
- The rows of the tube are turned; the ch 1 at the start of a row does not count as a stitch. Every row begins or ends with 2 hdc in one st and ends or begins with hdc2tog, so the number of stitches stays the same and the piece leans. The hdc2tog at the start of an even row is worked over the first 2 stitches, the one at the end of an odd row over the last 2 (in Row 1, over the last 2 ch). In every row the hdc2tog, at whichever end it stands, and the 2 hdc in one st go through both loops; only the stitches whose line says BLO go through the back loop alone.


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- Each color works 2 rows and then waits at that edge while the other two work: carry it up loosely, do not cut it. To change color, work the last stitch of the row before the change until its last loops are on the hook, then draw the new color through them.
- The ribbing is joined and not turned: the ch at the start of a round does not count as a stitch; the first stitch goes into the stitch the ch stands on (a post stitch goes round its post), and the sl st that closes the round goes into the top of that first stitch.
- Where a round begins in the end of a row, the words "same st as the join" mean the row end in which the yarn was joined.
- Where stitches are worked into the ends of the rows, each goes round the stitch that stands at that edge of the row, whether it is the first or the last stitch of the row (a hdc2tog at the ribbing end, the outer of the 2 hdc at the toe end), and over any yarn that was carried up the edge.
- The figures in brackets at the end of a line are the stitches it has.
- A crocheted sole slips on a smooth floor: wear the socks on carpet or in shoes.

## Instructions

Chosen: Women's, foot 9 to 10 in (23 to 25.5 cm). Square brackets [ ] hold a repeat: work what is inside as many times as it says. The count in round brackets at the end of a line is what that line leaves. Tick the box when a row is done. In UK terms hdc is half treble, sl st is slip stitch, sc is double crochet and dc is treble.

### Tube: make 2

**Yarns in order of use: A, teal; B, mustard; C, cream.**

| | | |
|---|---|---|
| ☐ **Foundation** | With A, ch 73, leaving a tail of 42 in (106.5 cm) at the start to sew with. | |
| ☐ **Row 1 (RS)** | 2 hdc in 2nd ch from hook, hdc in next 69 chs, hdc2tog | **(72 hdc)** |
| ☐ **Row 2** | Ch 1, turn, hdc2tog, hdc in BLO of next 69 sts, 2 hdc in last st | **(72 hdc)** |
| ☐ **Row 3** | With B, ch 1, turn, 2 hdc in next st, hdc in BLO of next 69 sts, hdc2tog | **(72 hdc)** |
| ☐ **Row 4** | Ch 1, turn, hdc2tog, hdc in BLO of next 69 sts, 2 hdc in last st | **(72 hdc)** |
| ☐ **Row 5** | With C, ch 1, turn, 2 hdc in next st, hdc in BLO of next 69 sts, hdc2tog | **(72 hdc)** |
| ☐ **Row 6** | Ch 1, turn, hdc2tog, hdc in BLO of next 69 sts, 2 hdc in last st | **(72 hdc)** |
| ☐ **Row 7** | With A, ch 1, turn, 2 hdc in next st, hdc in BLO of next 69 sts, hdc2tog | **(72 hdc)** |
| ☐ **Row 8** | Ch 1, turn, hdc2tog, hdc in BLO of next 69 sts, 2 hdc in last st | **(72 hdc)** |
| ☐ **Row 9** | With B, ch 1, turn, 2 hdc in next st, hdc in BLO of next 69 sts, hdc2tog | **(72 hdc)** |
| ☐ **Row 10** | Ch 1, turn, hdc2tog, hdc in BLO of next 69 sts, 2 hdc in last st | **(72 hdc)** |
| ☐ **Row 11** | With C, ch 1, turn, 2 hdc in next st, hdc in BLO of next 69 sts, hdc2tog | **(72 hdc)** |
| ☐ **Row 12** | Ch 1, turn, hdc2tog, hdc in BLO of next 69 sts, 2 hdc in last st | **(72 hdc)** |
| ☐ **Row 13** | With A, ch 1, turn, 2 hdc in next st, hdc in BLO of next 69 sts, hdc2tog | **(72 hdc)** |
| ☐ **Row 14** | Ch 1, turn, hdc2tog, hdc in BLO of next 69 sts, 2 hdc in last st | **(72 hdc)** |
| ☐ **Row 15** | With B, ch 1, turn, 2 hdc in next st, hdc in BLO of next 69 sts, hdc2tog | **(72 hdc)** |
| ☐ **Row 16** | Ch 1, turn, hdc2tog, hdc in BLO of next 69 sts, 2 hdc in last st | **(72 hdc)** |


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| | | |
|---|---|---|
| ☐ **Row 17** | With C, ch 1, turn, 2 hdc in next st, hdc in BLO of next 69 sts, hdc2tog | **(72 hdc)** |
| ☐ **Row 18** | Ch 1, turn, hdc2tog, hdc in BLO of next 69 sts, 2 hdc in last st | **(72 hdc)** |
| ☐ **Row 19** | With A, ch 1, turn, 2 hdc in next st, hdc in BLO of next 69 sts, hdc2tog | **(72 hdc)** |
| ☐ **Row 20** | Ch 1, turn, hdc2tog, hdc in BLO of next 69 sts, 2 hdc in last st | **(72 hdc)** |
| ☐ **Row 21** | With B, ch 1, turn, 2 hdc in next st, hdc in BLO of next 69 sts, hdc2tog | **(72 hdc)** |
| ☐ **Row 22** | Ch 1, turn, hdc2tog, hdc in BLO of next 69 sts, 2 hdc in last st | **(72 hdc)** |
| ☐ **Row 23** | With C, ch 1, turn, 2 hdc in next st, hdc in BLO of next 69 sts, hdc2tog | **(72 hdc)** |
| ☐ **Row 24** | Ch 1, turn, hdc2tog, hdc in BLO of next 69 sts, 2 hdc in last st | **(72 hdc)** |
| ☐ **Row 25** | With A, ch 1, turn, 2 hdc in next st, hdc in BLO of next 69 sts, hdc2tog | **(72 hdc)** |
| ☐ **Row 26** | Ch 1, turn, hdc2tog, hdc in BLO of next 69 sts, 2 hdc in last st | **(72 hdc)** |
| ☐ **Row 27** | With B, ch 1, turn, 2 hdc in next st, hdc in BLO of next 69 sts, hdc2tog | **(72 hdc)** |
| ☐ **Row 28** | Ch 1, turn, hdc2tog, hdc in BLO of next 69 sts, 2 hdc in last st | **(72 hdc)** |
| ☐ **Row 29** | With C, ch 1, turn, 2 hdc in next st, hdc in BLO of next 69 sts, hdc2tog | **(72 hdc)** |
| ☐ **Row 30** | Ch 1, turn, hdc2tog, hdc in BLO of next 69 sts, 2 hdc in last st | **(72 hdc)** |
| ☐ **End** | The tube has 30 rows, 10 of each color. Fasten off all three colors. The piece leans to one side: that is what makes the stripes climb. Fold it with the right sides together so that the foundation ch lies along the last row. At the edge where the tail is, the first chain meets the first stitch of Row 30; at the edge where the colors were carried, the 72nd chain, the one that holds the first 2 hdc of Row 1, meets the last stitch of Row 30. Sew the 72 pairs together with the tail, each chain to both loops of its stitch. The short edges now make two rings. Turn the tube right side out. | |

## Ribbing: make 2

**Yarn A, teal.**

| | | |
|---|---|---|
| ☐ **Foundation** | With the right side facing, join A with a sl st in the first of 30 places, at the end of the tube where the foundation ch began (the other end from the one where the colors were carried), beginning at the seam: 30 row ends of the tube. | |
| ☐ **Rnd 1 (RS)** | Ch 1, 2 sc in same st as the join, 2 sc in end of each of next 29 rows, sl st in first sc to join | **(60 sc)** |
| ☐ **Rnd 2** | Ch 1, **[**sc in next 3 sts, sc2tog**] 12 times**, sl st in first sc to join | **(48 sc)** |
| ☐ **Rnd 3** | Ch 2, dc in each st around, sl st in first dc to join | **(48 dc)** |
| ☐ **Rnd 4** | Ch 2, **[**FPdc around next st, BPdc around next st**] 24 times**, sl st in first FPdc to join | **(24 FPdc, 24 BPdc)** |
| ☐ **Rnds 5 to 8** | Repeat rnd 4. (24 FPdc, 24 BPdc) | |

A box for each round, 5 to 8: tick them off as you go.

5 6 7 8

| | | |
|---|---|---|
| ☐ **End** | Fasten off. | |


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### Star toe: make 2

**Yarn A, teal.**

| | | |
|---|---|---|
| ☐ **Foundation** | With the right side facing, join A with a sl st in the first of 30 places, at the other end of the tube, beginning at the seam: 30 row ends of the tube. The toe is worked in a spiral: the rounds are not joined. Put a marker in the first stitch of each round and move it up every round. | |
| ☐ **Rnd 1 (RS)** | 2 sc in same st as the join, 2 sc in end of each of next 29 rows | **(60 sc)** |
| ☐ **Rnd 2** | **[**Sc in next 3 sts, sc2tog**] 12 times** | **(48 sc)** |
| ☐ **Rnd 3** | Sc in each st around | **(48 sc)** |
| ☐ **Rnd 4** | **[**Sc in next 6 sts, sc2tog**] 6 times** | **(42 sc)** |
| ☐ **Rnd 5** | Sc in each st around | **(42 sc)** |
| ☐ **Rnd 6** | **[**Sc in next 5 sts, sc2tog**] 6 times** | **(36 sc)** |
| ☐ **Rnd 7** | Sc in each st around | **(36 sc)** |
| ☐ **Rnd 8** | **[**Sc in next 4 sts, sc2tog**] 6 times** | **(30 sc)** |
| ☐ **Rnd 9** | Sc in each st around | **(30 sc)** |
| ☐ **Rnd 10** | **[**Sc in next 3 sts, sc2tog**] 6 times** | **(24 sc)** |
| ☐ **Rnd 11** | **[**Sc in next 2 sts, sc2tog**] 6 times** | **(18 sc)** |
| ☐ **Rnd 12** | **[**Sc in next st, sc2tog**] 6 times** | **(12 sc)** |
| ☐ **Rnd 13** | **[**Sc2tog**] 6 times** | **(6 sc)** |
| ☐ **End** | Fasten off, leaving a tail of 8 in (20.5 cm). Thread it through the 6 stitches of the last round, draw them together and fasten it on the inside. | |

## Finishing

- The two socks are alike, left and right. There is no heel: any side of the tube may go to the back.
- Weave in every tail on the inside.

In all: 2 pieces.

Found a mistake in this pattern? Tell us at flossfield.com, under Make a request.


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