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Tom & Ethel Socks

Designed by Nigel Pottle for *skacel collection, Inc.*

These socks are named in honor of my father and mother. When I discovered the simple slip stitch pattern used to knit them it reminded me of saw teeth. That and the color of the yarn I used reminded me of the orange bucksaw my father and mother used to prepare logs for our wood-burning furnace. They cut up hundreds of logs over the years to keep their family warm, and that saw was always at hand to do the job. You can enjoy the warmth of these socks without having to saw your own wood, and they will look good in a myriad of color combinations. Let your fancy take you. The heel of this sock uses a unique short row construction without wraps, and yet the construction yields a firm heel with no gaps or holes. It is easy to work and creates an elegant heel that hugs the foot.



SKILL LEVEL: Intermediate

YARN WEIGHT: Fingering / Sock

SIZE AND MATERIALS:

To Fit Foot (measured at widest part of foot)	8.5" (9.5") diam
Color A (for two pair in two sizes as shown)	2 hanks
Color B (for two pair in two sizes as shown)	1 hank

Featured Yarn: HiKoo® Cobasi, 55% Cotton, 16% Bamboo, 8% Silk, 21% Elastic Nylon, 220 yds / 50g. Socks as shown used 1 hank each of Color A (#68 - Curacao) and 1 hank of Color B (#104 - Posy Petals).

Note: The elastic present in THIS sock yarn gives these socks a snug and very comfortable fit. Results may not be the same with a different type of sock yarn.

addi Needles: 2.25 mm 32" circular needle
or size needed to obtain gauge

Additional Notions: 2 Stitch Markers, tapestry needle
All yarn and needles distributed by by *skacel collection, Inc.*

GAUGES:

36 sts and 60 rows = 4" x 4" in Stockinette Stitch in the rnd (blocked)
40 sts and 52 rows = 4" x 4" in Saw Tooth Stripe in the rnd (blocked)

To save time, read all instructions thoroughly and check gauge before beginning

STITCH PATTERNS:

Stockinette Stitch in the Round: Knit all sts every rnd.

Saw Tooth Stripe Pattern:

Rnd 1: Using Color A, *k1, sl1; repeat from * to end of rnd.

Rnds 2, & 3: Knit in Color A.

Rnd 4: Using Color B, *sl1, k1; repeat from * to end of rnd.

Rnds 5 & 6: Knit in Color B.

INSTRUCTIONS:

Note: Instructions are included to knit these socks either toe-up or top-down using the Magic Loop method. Experienced knitters may also knit these using two circulars or five DPNs. If using two circulars, divide sts so that half are on one needle (instep/front of leg), half on second needle (sole/back of leg). If using five DPNs, divide sts evenly on four needles, with first two needles holding sts for instep/front of leg, and second two needles holding sts for sole/back of leg. Use the fifth needle to knit.

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TOM SOCKS (Toe Up)

Toe:

Using Color A, CO 16 (20) sts to circular needle using Judy's Magic Cast On or Eastern/Turkish Cast On. Divide sts equally on needle with 8 (10) sts for the instep and 8 (10) sts for the sole.

Rnd 1: Beginning with instep, *k1, RLI, knit to last st, LLI, k1; repeat from * on sole (4 sts increased).

Rnd 2: Knit all sts.

Repeat Rnds 1 and 2 until there are 56 (64) sts on the needle, ending after working Rnd 2 = 28 (32) for instep, 28 (32) for sole.

Next Rnd: Change to Color B and knit 1 rnd, making sure to pick up new color under previous color (to anchor previous color).

Next Rnd: Inc 4 sts evenly across instep = 32 (36) instep sts. Knit 28 (32) sts of sole.

Knit one more rnd.

Foot:

On instep, begin working Saw Tooth Stripe Pat, except that on **Rnd 1**, work pat over first 30 (34) sts of instep, k2, then work plain Stockinette Stitch on 28 (32) sts of sole.

On **Rnd 4**, k2, work in est pat over rem 30 (34) sts on instep, then work plain Stockinette Stitch on 28 (32) sts of sole (always pick up new color from under old color).

Cont in Saw Tooth Stripe Pat as est on instep, and plain stripe pat in Stockinette Stitch on sole until sock meas 7.5" (8.5") or 1-3/8" (1-1/2") less than length of foot desired, meas from end of toe, **finishing after working Rnd 4 (in Color B)**.

Work Rnd 5 in Color B, inc 4 sts evenly across sole = 32 (36) heel sts.

Work Rnd 6 in Color B.

***Note:** The nature of the Saw Tooth Stripe Pattern causes the instep will be slightly shorter than the sole at this point. Measure work on sole side to determine the length to knit before beginning the heel.*

Heel: (use for both Tom and Ethel)

***Note:** See instructions for PKS and PPS before proceeding with the heel. Stitch markers are used only as placeholders and are slipped as encountered. The heel is created using short rows worked back and forth over the heel sts. A series of paired sts will be created on each side of the heel and later worked together as one stitch.*

Setup Row: Change to Color A and work in est pat over instep sts. At this point, heel is worked back and forth in short rows on heel sts only.

First Half of Heel:

Row 1: K12 (13), pm, k8 (10), pm, knit to last 2 sts, work PKS, turn (one st rem unworked on left side of heel).

Row 2: Purl to last 2 sts (slip markers as they appear), work PPS, turn (one st rem unworked on right side of heel).

Row 3: Knit to 1 stitch before paired st, PKS, turn.

Row 4: Purl to 1 stitch before paired st, PPS, turn.

Cont working Rows 3 and 4 until all sts outside markers have been paired. The 8 (10) sts between markers remain unpaired. The last PPS worked is on the stitch immediately next to the marker. One stitch rem unpaired at each side of heel after last Row 4 is worked.

Begin working again in rnds to complete the first half of the heel.

With RS facing, work across 8 (10) unpaired sts, then work all paired sts as k2tog across left half of heel, k1. **Do not turn.**

Still using Color A, k32 (36) sts across instep, then (on right half of heel) k1, work all rem paired sts as k2tog up to first marker, sm, k8 (10) sts, sm, knit to end of heel sts.

Working Row 3 of Saw Tooth Stripe Pat, knit 32 (36) sts in Color A across instep, then work to first marker on heel, sm.

Second Half of Heel:

K8 (10) sts, **remove marker**, work PKS, turn.

Work to marker, **remove marker**, work PPS, turn.

Working again in rows, from this point on:

Row 1: Knit to last PKS made, work paired st, PKS in next st, turn.

Row 2: Purl to last PPS made, work paired st, PPS in next st, turn.

Repeat Rows 1 and 2 until the final PPS has been worked in Row 2, and only one unworked stitch rem at that side, turn.

Work heel sts to last PKS made, work paired st, k1. **Do not turn.**

Working once again in rnds, switch to Color B and work Rnd 4 of Saw Tooth Stripe Pat across 32 (36) sts of instep, knitting all sts.

Over Heel Sts: K1, work last PPS together as one st then cont with Rnd 4 of pat on rem 30 (34) sts, knitting all sts.

***Note:** From now on do not work the k2 at beginning or end of instep.*

Leg:

Work in est pat over all sts until leg meas 6" or desired length to cuff, ending after working Rnd 4 in Color B.

***Note:** If working the leg much beyond 6", do not work the next rnd (decrease), so as to keep the ribbing wide enough to fit over the calf.*

Work Rnd 5, dec 4 sts evenly spaced on first 32 (36) sts and another 4 sts evenly spaced on last 32 (36) sts = 56 (64) sts.

Work final Rnd 6 of pat.

Cuff:

Switch to Color A.

Rnd 1: *K2, p2; repeat from * to end of rnd.

Repeat Rnd 1 until Cuff meas 1½”.

Bind off all sts loosely using Russian Bind Off in k2, p2 rib, to ensure Cuff remains stretchy.

Ethel Socks (Top Down)

Cuff:

Using Color A, CO 56 (64) sts and join in the rnd. Divide sts evenly on needle using the Magic Loop Method. Work in k2, p2 rib until cuff meas 1½” from cast on.

Switch to Color B and knit one rnd.

Next Rnd: Inc 4 sts, evenly spaced, over first 32 (36) sts (front of Leg) and 4 sts over last 32 (36) sts (back of Leg) = 64 (72) sts.

Knit one more rnd.

Leg:

Switch to Color A and work in Saw Tooth Stripe Pat over all sts, until leg meas 7½” or to desired length from top of Cuff to top of Heel, ending after working Row 6 in Color B.

Heel: (use instructions for Tom Socks)

Work Heel as for Tom Socks, then work set up rnds for foot as follows:

Rnd 5: Work across instep sts in est pat, then dec 4 sts, evenly spaced, over heel sts = 28 (32) sts remain for sole.

Rnd 6: Work in est pat over all sts.

Foot:

Switch to Color A. Begin working in Saw Tooth Stripe Pat, except on:

Rnd 1: Work pat over first 30 (34) sts of instep, k2, then work plain Stockinette Stitch on 28 (32) sts of sole.

Rnd 4: K2, work in pat over rem 30 (34) sts of instep, then work plain Stockinette Stitch on 28 (32) sole sts.

Cont in est pat on instep, and plain stripe pat in Stockinette Stitch on sole until sock meas 1-3/8” (1-1/2”) less than desired length of foot, meas from back of Heel, **finishing with Rnd 4 in Color B.**

Rnd 5: Work in pat using Color B, but on instep dec 4 sts evenly spaced = 28 (32) sts on each half of foot.

Rnd 6: Work a final rnd Color B.

Toe:

Switch to Color A and begin dec for toe:

Rnd 1: Beginning with instep, *k1, SSK, knit to last 3 sts, k2tog, k1; repeat from * on sole (4 sts decreased).

Rnd 2: Knit all sts.

Repeat Rnds 1 & 2 until there are 8 (10) sts rem on each half of toe.

Graft instep sts to sole sts using Kitchener Stitch.

Sew in ends.

Block.



These socks represent one of each pair. As shown, the two pair used 2 hanks of Color A (#20 - Chocolate Milk) and 1 hank of Color B (#69 - Pumpkin).



ABBREVIATIONS

CO	Cast On	RLI	Right Lifted Increase: Inserting the right needle from back to front, lift the right leg of the stitch below the next knit stitch (on left needle) up unto the left needle; knit into the back of this loop, then work next stitch as pat requires.
cont	continue(s)/continuing	LLI	Left Lifted Increase: Insert the left needle from back to front into the left leg of the second stitch below the stitch on the right needle, then knit into the front of this loop.
dec	decrease(s)/decreasing	PKS	Paired Knit Stitch: Insert the right needle from back to front into the right leg of the stitch below the next stitch on (left) needle and lift it up unto the left needle; knit into the front of this loop, letting the loop itself slip off the left needle, then slip the stitch just made back to the left needle (next to the original stitch), completing a pair.
est	established	PPS	Paired Purl Stitch: Slip next purl stitch to right needle as if to purl; insert the left needle from front to back into the purl bump on the stitch just slipped and purl into it, letting the purl bump slip off the left needle. Slip the new stitch and the original stitch, now paired, back to left needle.
k	Knit		
meas	measures		
p	Purl		
pat	pattern		
pm	place marker		
rem	remain(s)/remaining		
Rnd(s)	Round(s)		
Sl	slip next stitch to right needle as if to purl.		
sm	slip marker		
k2tog	Knit two together.		
SSK	Slip next two stitches, one at a time, as if to knit then work them together through the back loops.		
st(s)	stitch(es).		

TECHNIQUES

Russian Bind Off:

Knit the first stitch.

Step 1: K1, insert point of left hand needle into the **front** of two sts on right hand needle, then k them together through the back loop.

Step 2: Purl next st, then place the point of the left hand needle into the **back** of the two sts on right hand needle and purl them together.

Work Step 2 once more.

From this point on cont binding off in k2, p2 Rib as est, but whenever a knit st is worked, follow Step 1, and whenever a purl st is worked, follow Step 2. Repeat until all sts have been worked and one st rem on the needle. Pull yarn through this loop. Sew in ends. Block.