

# Professor B



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## **FINISHED MEASUREMENTS**

40 (43¼, 47¼, 51¼, 55¼) [60¼, 65¼, 69, 74¼]"

101.5 (111, 121.5, 130, 140.5) [153, 165.5, 175.5, 188.5] cm

The sample in the photograph is size 2 with +11¼" / 30 cm.

## **SIZES**

1 (2, 3, 4, 5) [6, 7, 8, 9]

## **YARN**

13 (14, 15, 17, 18) [20, 22, 24, 26] skeins Woolfolk TOV DK (160 yards / 146 meters / 50 grams).

Sample color in photograph: TDK16

## **NEEDLES AND NOTIONS**

Needle A (gauge needle): US 5 (3.75 mm) or size needed to obtain gauge, 32" circular needle and set of dpns.

Needle B (for collar and pockets): US 4 (3.5 mm), or one size smaller than gauge needle, 16" circular needle

Needle C (for collar and pockets): US 3 (3.25 mm), or one size smaller than Needle B, 16" circular

Tapestry needle, cable needle, markers, locking markers, 2 unique markers, waste yarn, holders

## **GAUGE**

25 sts and 36 rows for 4"/10 cm in bubble stitch pattern, blocked

21 sts and 29 rows for 4"/10 cm in stockinette stitch pattern (sleeves), blocked

Chart A measures 16 (16, 16, 17, ¾, 17¾) [17¾, 19¾, 19¾, 19¾]" / 40.5 (40.5, 40.5, 45, 45) [45, 50, 50, 50] cm wide, blocked

## **NOTES**

The body is worked in the round from the hem. Bubble stitch is worked continuously on each side of the charted cabled design. Waste yarn and locking markers are used to indicate pocket placement. Pockets are picked up from the waste yarn round and worked in Bubble stitch. Sleeves are worked in the round from the cuffs incorporating a faux elbow patch. They are sewn into the armholes after blocking. The collar is picked up and worked in the round, folded over, and sewn to the inside. The cable pattern is charted; work the Chart A for your size. Elements from the larger cable pattern are worked on the sleeves using Chart B.

Choose the size with 8-14" of ease.

## STITCHES AND TECHNIQUES

### **Rib Stitch Pattern**

\*k2, p2; repeat from \* to the end of the round.

### **Bubble Stitch**

Note: when working flat, odd numbered rows are WS rows and purled.

Rounds 1 - 5: work in Stockinette stitch.

Round 6: k2, \*k into the 5th row below the next stitch on the LH needle by sliding the stitch off the LH needle, dropping the first 4 rows, layering the loose strands on top of 5th stitch and knitting into that stitch, k3; repeat from \* to 3 stitches before the marker, k into the 5th row below the next stitch, k2.

Rounds 7 - 11: work in Stockinette stitch.

Rounds 12: \*k into the 5th row below the next stitch as in Row 1, k3; repeat from \* to 1 stitch before the marker, k into the 5th row below the next stitch.

Video link: [How To: Knit Bubble Stitch](#)

### **Cable Stitches**

4/2/4 LPC, left purl cross: slip 6 stitches onto cable needle (cn), hold to the front, k4, slip the last 2 stitches on the cn back onto LH needle, p2, k4 from cn.

2/1 LC, left cross: slip 2 stitches onto cn, hold in front, k1, k2 from cn.

2/1 RC, right cross: slip 1 stitches onto cn, hold in back, k2, k1 from cn.

2/2 LC, left cross: slip 2 stitches onto cn, hold in front, k2, k2 from cn.

### **Slip Stitch Selvedge (pockets)**

RS row: slip the first stitch knitwise {s1} with yarn in back, pattern to the end.

WS row: slip the first stitch purlwise {s1} with yarn in front, pattern to the end.

### **Sloped bind off**

Step 1: Work the first bind off row as usual.

Step 2: One row before the next bind off, work to the last stitch of the row, slip last stitch pwise.

Step 3: Begin the next bind off by slipping 2 sts kwise, one at a time, then pass the first slipped st over the second to bind off 1 st. Bind off the remaining stitches as usual.

## DIRECTIONS

### BODY

With Needle A, cast on 292 (316, 340, 368, 392) [424, 460, 484, 516] stitches alternating 2 Long tail cast on stitches with 2 Long tail purl cast on stitches. Place BOR and join without twisting. Work in Rib Stitch pattern until the hem measures 2" from the cast on edge.

Next round: work in pattern for 4 (10, 16, 16, 22) [30, 32, 38, 46] stitches, work the next 43 stitches, thread a contrasting color of waste yarn through these stitches making a guide for the pocket placement for later, work 52 (52, 52, 66, 66) [66, 80, 80, 80] stitches in pattern, work the next 43, thread the contrast waste yarn through these stitches, work in pattern to BOR. Work in the 2x2 Rib Stitch pattern for 2" more, ending 12 (18, 24, 24, 30) [38, 40, 46, 54] stitches before BOR, place new BOR and remove old BOR when you come to it

Note: BOR is shifted to allow a continuous bubble stitch pattern along sides. BOR will remain at the beginning of the bubble stitch pattern until you divide for front and back.

Set up round: \*k 12 (18, 24, 24, 30) [38, 40, 46, 54], m1, k 12 (18, 24, 24, 30) [38, 40, 46, 54], pm, k 122 (122, 122, 136, 136) [136, 150, 150, 150], pm; repeat from \* one time to the BOR. 294 (318, 342, 370, 394) [426, 462, 486, 518] stitches.

Next round: work round 1 of Bubble Stitch to marker, sm, work round 1 of chart A specified for your size, sm; repeat from \* one time. Note: sizes 7, 8, and 9 work the repeat section twice.

Work in pattern as established for 58 more rounds.

Next round: work 17 (29, 41, 41, 53) [69, 73, 85, 101] stitches, place a locking marker into the next stitch, work 43 stitches, place a locking marker into the next stitch, work 52 (52, 52, 66, 66) [66, 80, 80, 80] stitches in pattern, place a locking marker into the next stitch, work the next 43 stitches, place a locking marker into the next stitch. These markers indicate the top of the pocket.

Continue as established until the piece measures 17" from the cast on edge for all sizes, measuring in a bubble stitch section and ending on an odd numbered row of the chart. Note: lengthen or shorten at this point.

### Divide for Front and Back

Break yarn. Sl 12 (18, 24, 24, 30) [38, 40, 46, 54] stitches to right needle and rejoin yarn. This is the side edge.

Bind off 1 stitch, work in bubble pattern as established, sm, work chart A, sm, work 12 (18, 24, 24, 30) [38, 40, 46, 54] stitches in bubble pattern, place these 146 (158, 170, 184, 196) [212, 230, 242, 258] stitches on a holder or waste yarn. Bind off 1 stitch, work in pattern to the end. Turn and work flat. 146 (158, 170, 184, 196) [212, 230, 242, 258] stitches. Make note of last row worked in patterns.

### BACK

Work in pattern as established until the armhole measures 8¼ (9, 9½, 10½, 11¼) [12, 12¾, 13½, 14¾]" , measuring in a bubble stitch section.

### Shape Neck and Shoulders

For best results, use the Sloped Bind Off method (see Techniques).

Next RS row: bind off 12 (13, 14, 15, 16) [18, 19, 20, 23] stitches, work in pattern for 47 (50, 55, 58, 61) [65, 70, 75, 80] stitches (including stitch

remaining from the bind off), bind off 28 (32, 32, 38, 42) [46, 52, 52, 52] stitches, work in pattern to the end. Make note of last row worked in patterns.

### **Left Shoulder**

Next WS row: bind off 12 (13, 14, 15, 16) [18, 19, 20, 23] stitches, work in pattern to the end. At the neck bind off 8 stitches 1 time, 3 stitches 1 time, and 2 stitches 1 time, and *at the same time* at the shoulder bind off 11 (12, 14, 15, 16) [17, 19, 21, 22] stitches 2 times. Bind off the remaining 12 (13, 14, 15, 16) [18, 18, 20, 23] stitches on the last WS row.

### **Right Shoulder**

Place stitches from waste yarn on the needle. With WS facing attach yarn. At the neck, bind off 8 stitches 1 time, 3 stitches 1 time, and 2 stitches 1 time, and *at the same time* at the shoulder bind off 11 (12, 14, 15, 16) [17, 19, 21, 22] stitches 2 times, maintaining pattern as set, then bind off the remaining 12 (13, 14, 15, 16) [18, 19, 20, 23] stitches on the last RS row.

### **FRONT**

Place stitches from waste yarn on the needle. With WS facing attach yarn, work 1 WS row. Work in pattern as established until work measures 6¼ (6¾, 7¼, 8, 8½) [9¼, 9¾, 10½, 11¾] ending with a WS row.

### **Shape Neck and Shoulders**

Next RS row: work 67 (72, 78, 83, 88) [94, 101, 107, 115] stitches in pattern, place these stitches on holder or waste yarn. Bind off 12 (14, 14, 18, 20) [24, 28, 28, 28] stitches, work in pattern to the end. Make note of last row worked in patterns.

### **Right Neckline**

Work 1 WS row.

At the neck, bind off 3 stitches 3 times, 2 stitches 3 times, and 1 stitch 2 (3, 3, 4, 5) [5, 6, 6, 6] times. 50 (54, 60, 64, 68) [74, 80, 86, 94] stitches. Right front now measures same as back at shoulder edge.

### **Right Neckline and Shoulder**

At the neck, bind off 1 stitch 4 times and *at the same time* on the WS rows, bind off 12 (13, 14, 15, 16) [18, 19, 20, 23] stitches at the shoulder 1 (1, 3, 3, 3) [1, 3, 1, 1] time(s) and then bind off 11 (12, -, -, -) [17, -, 21, 22] stitches 2 times. Bind off the remaining 12 (13, 14, 15, 16) [18, 19, 20, 23] stitches on the last WS row.

### **Left Neckline**

Place stitches from waste yarn on the needle. With WS facing attach yarn. At the neck, bind off 3 stitches 3 times, 2 stitches 3 times, and 1 stitch 2 (3, 3, 4, 5) [5, 6, 6, 6] times. 50 (54, 60, 64, 68) [74, 80, 86, 94] stitches. Left front now measures same as back at shoulder edge.

### **Left Neckline and Shoulder**

On the RS rows, bind off 12 (13, 14, 15, 16) [18, 19, 20, 23] stitches at the shoulder 1 (1, 3, 3, 3) [1, 3, 1, 1] time(s) and then bind off 11 (12, -, -, -) [17, -, 21, 22] stitches 2 times and *at the same time* at the neck, bind off 1 stitch 4 times. Bind off the remaining 12 (13, 14, 15, 16) [18, 19, 20, 23] stitches on the last RS row.

### **SLEEVES**

Make 2.

Note: increased stitches are worked as purl stitches (RLP/LLP) except for the Elbow patch section, then use RLI and LLI.

With Needle A (long circular for Magic Loop or dpns), cast on 64 (68, 72, 76, 80) [84, 88, 92, 100] stitches alternating 2 Long tail cast on

stitches with 2 Long tail purl cast on stitches.  
Place BOR and join without twisting.

Work in Rib Stitch pattern until cuff measures 2”  
from the cast on edge.

Set up round: p 3 (5, 7, 9, 2) [4, 6, 8, 3], pm, \*k4,  
p2, k10, p2; rep from \*2 (2, 2, 2, 3) [3, 3, 3, 3, 4]  
more times, k4, pm, p 3 (5, 7, 9, 2) [4, 6, 8, 3].

Round 1: p to m, sm, work Sleeve chart, working  
the repeat section 3 (3, 3, 3, 4) [4, 4, 4, 5] times  
to next m, sm, p to the BOR.

Work 8 (6, 6, 6, 5) [5, 5, 5, 4] rows of the chart.

Sleeve Increase round: p1, RLP, p to the m, sm,  
work Sleeve to marker, sm, p to the last 2  
stitches, LLP, p2.

Repeat Sleeve Increase round every 8 (6, 6, 6, 5)  
[4, 4, 4, 3] rounds 7 (23, 22, 2, 4) [29, 19, 12, 36]  
more times; then every 6 (-, -, 5, 4) [3, 3, 3, 2]  
rounds 13 (0, 0, 24, 27) [4, 16, 25, 6] times. 106  
(116, 118, 130, 144) [152, 160, 168, 186]  
stitches.

When the sleeve measures 8½ (9, 9, 9, 9) [9, 9,  
9¼, 9¼]” from cast on edge, begin the Elbow  
patch.

Elbow patch, round 1: \*k1, sl1; repeat from \* to  
3 stitches before the marker, k1, p2, work the  
sleeve chart as established to the next marker,  
sm, p2, \*k1, sl1; repeat from \* to last stitch, k1,  
sl BOR. Note: If you have an even number of  
stitches before the chart marker, beg and end  
the elbow patch round with and extra k1.

Elbow patch, round 2: k to 2 stitches before the  
marker, p2, sm, work chart to marker, sm, p2, k  
to the BOR.

Work these 2 rows until the elbow patch  
measures 6½ (7, 7, 7¾, 7¾) [8¼, 8¼, 9, 9]” from  
the first slipped stitch round, *at the same time*,  
continue the Sleeve increase rounds,  
incorporating the increase stitches into the  
slipped stitch pattern.

Note: As you continue increasing, the slip  
stitches should occur on the same stitches that  
were slipped on the previous round 1 of  
pattern.

Return to the original pattern: p to marker, work  
sleeve chart, p to the BOR.

When the sleeve measures 18½ (19½, 19½, 20½,  
20½) [21½, 21½, 22½, 22½]” from the cast on  
edge, bind off all stitches.

## FINISHING

Weave in ends. Block to schematics. Sew  
shoulder seams, then sew sleeves into arm  
holes.

## COLLAR

Beginning at the right shoulder with Needle B,  
pick up 56 (60, 60, 66, 70) [74, 80, 80, 80]  
stitches along the back and 68 (72, 72, 78, 82)  
[86, 92, 92, 92] stitches along the front. Place  
BOR and work Rib Stitch for 8 rounds.

Change to Needle C, work in pattern as  
established for 10 rounds.

Change to Needle B, work in pattern for 8  
rounds.

To bind off, turn the collar to the inside and  
break yarn leaving a tail 4 times the length of  
the collar. Thread tail onto a tapestry needle,  
with WS facing, sew through the base of the  
collar where the stitches were picked, taking  
care not to let it show on the RS, and then  
through the first stitch on the LH needle slipping  
it off the needle and securing it to its matching

picked up stitch. Continue around the collar until all the stitches are sewn to the collar base. Weave in ends.

## POCKETS

Note: the first Stitch on each side is a Slipped Selvedge stitch.

With Needle C and RS facing, use the waste yarn as a guide and pick up the right leg of each stitch and place it on the needle. 43 stitches. Remove waste yarn.

Set up row: with RS facing attach yarn, using Needle A, kfb, pm, knit to the last stitch, pm, kfb. 45 stitches.

Row 1 of Bubble Stitch, WS: {sl1}, purl all stitches.

Rows 2-5: {sl1}, work Stockinette stitch to the end.

Row 6, RS: {sl1}, k1, sm, work Bubble Stitch as directed for Round 6 to the m, sm, k2.

Rows 7-11: {sl1}, work Stockinette stitch to the end.

## ABBREVIATIONS

BOR	beginning of round
dpn	double pointed needle
k	knit
kwise	as if to knit
K2tog	knit 2 sts together
LLI	lift the left leg of the stitch 2 rows below the first stitch on the right hand needle, knit into it. 1 stitch increased
LPC	left purl cable
m	marker
LLP	make 1 left leaning purl: place left hand needle into the left loop of the stitch two rows below the stitch just worked on the right hand needle, lifting the loop onto the left needle. Purl it through the front loop.
p	purl

Row 12, RS: {sl1}, k1, sm, work Bubble Stitch as directed for Round 12 to the m, sm, k2.

Continue in pattern as established, work rows 1-12 four more times, then 1-7 once. Change to Needle B.

Set up row, RS: {sl1}, k2tog, k1, p2, work Rib Stitch pattern to last 3 stitches, knit to the end. 1 stitch decreased.

Work in Rib Stitch pattern as established, slipping the first stitch on each side for 1" and bind off in pattern.

Sew pocket selvedge edges from the picked up edge to the locking markers on the body using mattress stitch or other invisible method.

Repeat for the other pocket.

Note: the Bubble stitch will cause the pockets to naturally droop in the center.

Weave in ends. Steam block pockets, collar, and seams, or wet block the entire garment again.

pm	place marker
pwise	as if to purl
RLI	lift the right leg of the stitch below the first stitch on the left hand needle, knit into it. 1 stitch Increased
RLP	make 1 right leaning purl: place right-hand needle into the right loop of the stitch one row below the next stitch on the left hand needle, lifting the loop onto the left needle. Purl it through the back loop
RS	right side
sl	slip
sm	slip marker
WS	wrong side

Chart A for sizes 1, 2, 3, 7, 8 & 9

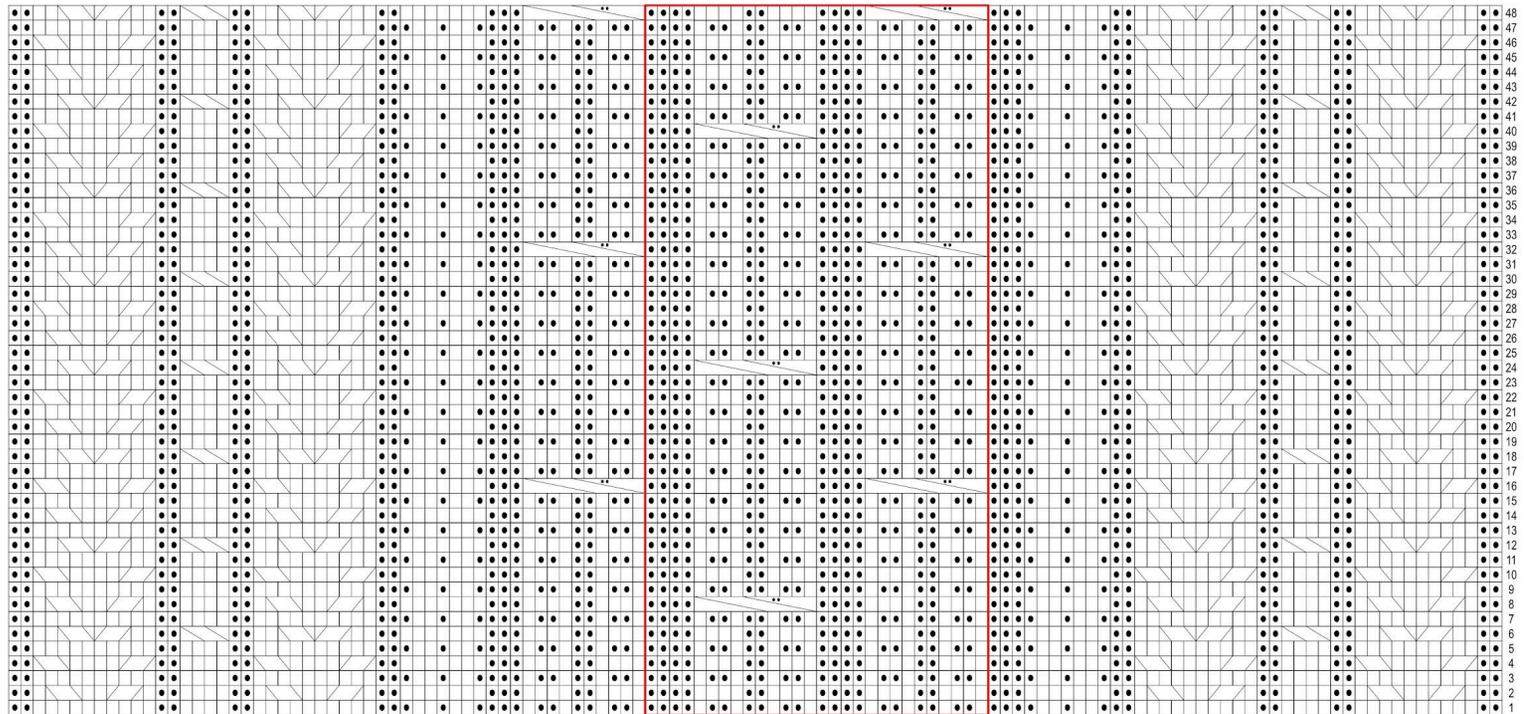
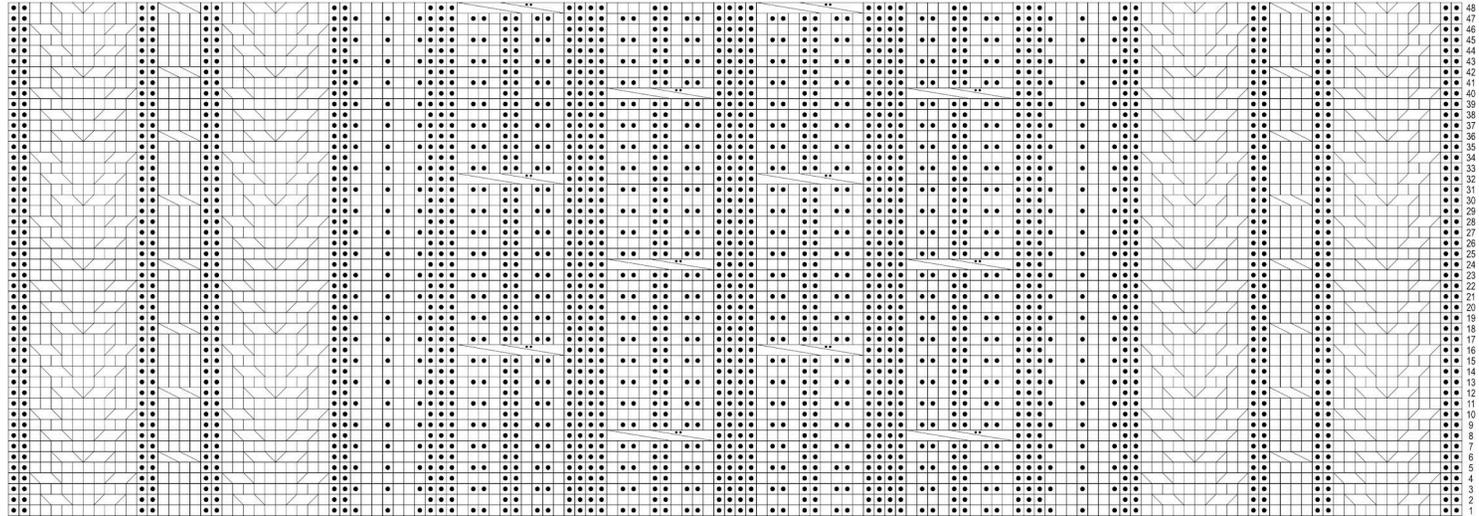


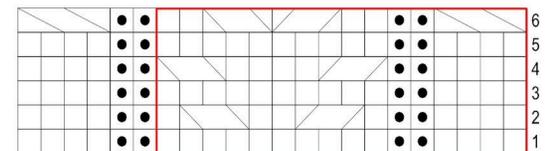
Chart A for sizes 4, 5 & 6



LEGEND

- Knit on RS, Purl on WS
- Purl on RS, Knit on WS
- Pattern repeat
-  2/1 RC (right cross): Slip 1 st onto CN and hold in back, knit 2 sts from the left needle, knit the stitch from the CN.
-  2/1 LC (left cross): Slip 2 sts onto CN and hold in front, knit 1 st from the left needle, knit the stitches from the CN.
-  2/2 LC (left cross): Slip 2 sts onto CN and hold in front, knit 2 sts from the left needle, knit the stitches from the CN.
-  4/2/4 LPC (left purl cross): Slip 6 sts onto CN and hold in front, knit 6 sts from the left needle, slip the last 2 stitches from CN to left needle, p2, knit the stitches from the CN.

Chart B



# professor b schematic

