



broken rib worksheet for ebbetts

Gauge for both broken rib stitch patterns is 18 sts x 30 rows = 4" [10 cm], after blocking.

2 x 1 broken rib

With US 7 [4.5 mm] needle, cast on 30 sts.

Row 1: (RS) K4, [p1, k2] to last 2 sts, k2.

Row 2: K2, purl to last 2 sts, k2.

Rep these 2 rows 16 more times. Bind off in pattern.

1 x 1 broken rib

With US 8 [5 mm] needle, cast on 29 sts.

Row 1: (RS) K3, [p1, k1] to last 2 sts, k2.

Row 2: K2, purl to last 2 sts, k2.

Rep these 2 rows 16 more times. Bind off in pattern.

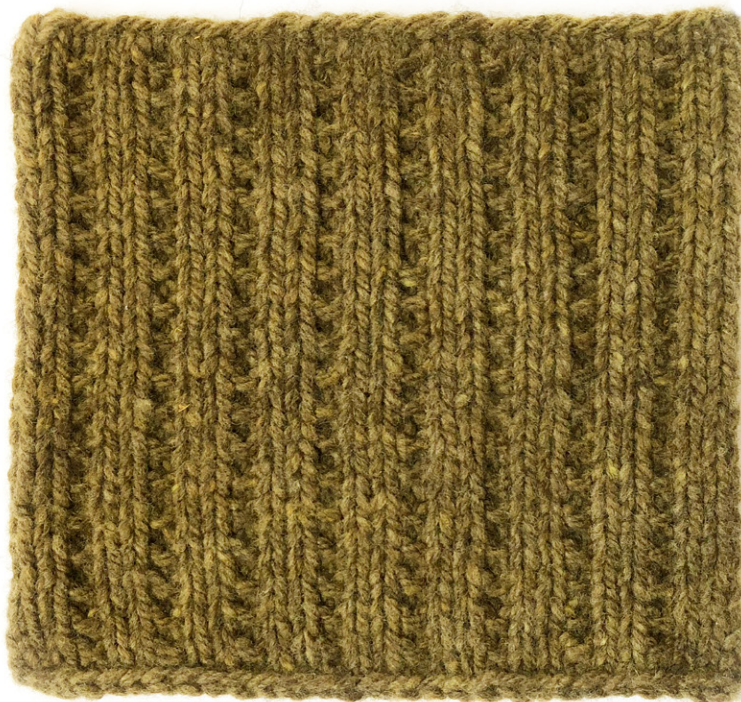
Finishing

Measure your swatches before wet blocking, and enter the results on [page 2](#).

After measuring, soak swatches in lukewarm water with a little wool wash for twenty minutes. Remove excess water by rolling in a towel.

Lay swatches flat and allow to dry. Wait until they are *completely* dry before measuring gauge.

Tip: If you can't wait to cast on and wish to dry your swatch more quickly, place it in the sun (for a short time only), or use a hairdryer held a few inches away from the work to help speed up the process.



swatch shown does not have the garter stitch edging

Due to the way that broken rib fabric transforms with wet-blocking, the working gauge can be quite different from the finished fabric gauge. To help predict the final garment measurements—in particular the depth of the armholes—it can be helpful to keep track of the before and after measurements of your swatch. These can then be used to calculate finished measurements for the sweater.

Once you've achieved the desired stitch gauge, use the working and finished gauge numbers to calculate how much your fabric will change in length, by dividing the finished row gauge by the working fabric row gauge. The resulting number is the percentage of fabric change. Multiply any working length (depth) measurements by the change percentage to find their finished lengths.

2 x 1 broken rib
size ____ needle

working fabric gauge	finished fabric gauge
stitches per 4" [10 cm] _____	stitches per 4" [10 cm] _____
rows per 4" [10 cm] _____	rows per 4" [10 cm] _____

change percentage

working row gauge _____ ÷ finished row gauge _____ = _____

finished depth

depth of piece _____ x change percentage _____ = _____

1 x 1 broken rib
size ____ needle

working fabric gauge	finished fabric gauge
stitches per 4" [10 cm] _____	stitches per 4" [10 cm] _____
rows per 4" [10 cm] _____	rows per 4" [10 cm] _____

change percentage

working row gauge _____ ÷ finished row gauge _____ = _____

finished depth

depth of piece _____ x change percentage _____ = _____

A handy [row gauge adjuster](#) spreadsheet is available on the Blue Bee Studio website.