

Knitcircus Style Guide

Introduction

Welcome to Knitcircus magazine! We look forward to working with you in the successful publishing of your pattern.

The key to successful publishing is a successful technical edit of your pattern, resulting in a pattern that is clear and concise in its content, accurate, and in concert with the “look and feel” of the Knitcircus style.

Pattern Template

Knitcircus provides a template for you to use in writing your pattern for submission to the technical editing staff. This template can be downloaded from <http://www.knitcircus.com/submissions.php>. The template is set up as per the style guidelines described in this guide.

Getting Started

Please organize your pattern contents as follows, using the guidelines provided in following sections of this style guide:

- Project Information
 - Pattern title
 - Author/designer name
 - Descriptive paragraph
 - Required Skills
 - Gauge/tension
 - Sizes
 - Finished measurements
 - Yarn
 - Needles or Hooks
 - Supplies/Tools (yarn needle, sewing needles, stitch markers, stitch holders, beads, etc.)
- Special Abbreviations
- Pattern Stitches
- Pattern Notes
- Pattern instructions
- Finishing instructions
- Charts
- Schematics
- Designer Bio

Please note that we may return the pattern to you if we feel that significant information is missing.

General Note on Measurements

We have a significant audience of readers from outside the USA, so please provide both non-metric and metric measurement throughout your pattern.

- Use the symbol for inches, “ , instead of the word “inches”.
- Specify inches first, then cm in parentheses, such as:

4” (10 cm)
- For general calculations:
 - Use **1” = 2.54 cm** for conversions.
 - Common fractions are represented in decimal notation as:
 - $1/8 = .125$
 - $1/4 = .25$
 - $3/8 = .375$
 - $1/2 = .5$
 - $5/8 = .625$
 - $3/4 = .75$
 - Round inches to the nearest .25”.
 - Round cm to the nearest .5 cm
 - Show decimal places, not fractions.
- A good resource site for metric conversions is <http://www.metric-conversions.org/>
- For your convenience, a conversion table is provided at the end of this Guide, with appropriate rounded values

Project Information

Pattern Title

The name of your pattern: please check to see if this name has ever been used on any other published pattern. Even though you can theoretically use the same name as another published design, we encourage you to choose a unique name so the pattern will always be associated with you. *If for no other reason, you want a unique name to ensure that the pattern will always be associated with you.*

Author/Designer Name

Your name as you wish it to appear in publication.

Descriptive paragraph

A couple of sentences describing your pattern — this can include such things as:

- Inspiration for the pattern in both design and name. *It's always nice to include something about what inspired the name, esp. if you have chosen a mysterious or unusual pattern title.*
- Concept of the feeling you hope to instill in the knitter/crocheter as they work the pattern
- A brief overview of how the pattern is worked (e.g., this sweater is worked from the top-down,....)
- Comment on why the suggested yarn was selected.

Required Skills

List the skills required to complete your pattern in paragraph form. Capitalize the first skill and separate skills by commas. Do not end the paragraph with a period.

For consistency, please select from the following list (*feel free to add any necessary skill not listed*). If some skills are optional, indicate this, and provide further in Pattern Notes.

- Knitting:
 - Basic knitting skills
 - Knitting in the round with dpns/circular ndls (indicate if Magic Loop or Two-circs req'd)
 - Stockinette/garter/seed/ribbing stitch
 - Increases/decreases
 - Special cast-on (long tail, cable, knit, backward loop, etc.) techniques
 - Special bind-off (stretchy bind-off, sewn bind-off, three-needle, etc.) techniques
 - Working simple/intricate cables from chart or written instructions
 - Working simple/intricate lace from chart or written instructions
 - Twisted stitches

- Slipped stitches
- [Chart-based] stranded colorwork techniques
- Simple/intricate intarsia from chart
- Knit-on edging
- Simple embroidery
- Knowledge of conventional sock construction
- Basic sweater construction
- Yoke construction
- Seaming
- Knowledge of felting process
- Picking up stitches
- Kitchener stitch (grafting)
- I-cord
- Inserting a lifeline
- Crochet:
 - Basic crochet stitches (ch, sc, hdc, dc, tr, etc.)
 - Special foundation stitches (fsc, fhdc, fdc, etc.)
 - Familiarity with crochet post stitches
 - Seaming

Gauge/Tension

sts and ## rows = 4" (10 cm) in stockinette or pattern stitch, as appropriate. *Be sure to specify which needle/hook is used if you specify multiple sizes of needle/hook for the pattern.*

If gauge is not critical, include a statement to that effect (*in which case, specification of gauge is optional.*)

Sizes

Required size information:

- List sizes provided in the pattern in the following style, **using square brackets** as shown:

S [M, L, XL]

- Garments (clothing):
 - Indicate whether the garment is sized for men, women, unisex, children, toddlers, or babies.
 - Specify actual chest measurement for which each size is designed, **not** the finished garment measurement.
 - Use sizing guidelines provided at <http://www.craftyarnCouncil.com/sizing.html> (from this page, you can find specific sizing charts for babies, children, women, and men. For women's garments, we recommend <http://ysolda.com/support/sizing/>, especially since it combines American and British sizing. Both sites provide sizing information in both inches and centimeters.
 - Note that these sizing charts reflect the actual body measurements for which you are designing and do not take into account the ease designed into the garment.

- Socks and gloves/mittens:
 - Circumference of foot/hand for each size
- Non-garments (e.g., blankets, etc.):
 - Indicate only if you have different sizes, then specify dimensions under “Finished Measurements”.
- *For all items*, indicate in which size the sample was created.

Optional:

- If other size(s) have been test-knit, a note to that effect will be helpful to the editor.

Finished Measurements

List ***finished dimensions*** for each size provided by the pattern, with appropriate label for each dimension.

- When listing dimensions for multiple sizes, list finished as:

24 [26, 28]" *not* 24" [26", 28"]

- Combine inches and metric as follows:

24 [26, 28]" (61 [66, 71] cm)

- Garments:
 - Chest measurement
 - Back length
- Socks and gloves/mittens:
 - Circumference of foot/hand of finished garment
- Other accessories and non-garments:
 - As relevant: length, width, circumference, height, etc.
- If appropriate, indicate if finished measurements are for blocked or unblocked item.

Yarn

For each yarn used in your pattern:

- Required:
 - Name of yarn company
 - Name of yarn
 - Fiber content
 - Number of yards *and* meters per skein (convert yds to m, or vice-versa if necessary)
 - Number or ounces *and* grams per skein (convert gms to oz, or vice-versa if necessary)

- Whether the yarn is put up as balls (already wound and ready to use), skeins, or hanks (skeins and hanks are roughly the same – use the manufacturer’s designation)
 - For *each* color, specify:
 - Color name, if available
 - Color number, if available
 - If appropriate, whether it is a main color (MC), or contrast color (CC, or CC1, CC2, etc.)
 - Number of balls/skeins/hanks required
- Format your yarn information in the manner shown in the following examples:

Example 1:

Cascade Yarns Cascade 220, 100% Peruvian Highland Wool
[220 yds/200 m, 3.5oz/100g skein]:

- MC: Light Blue #9325: 2 [2, 3, 3, 4] skeins
- CC1: Medium Blue #2404: 2 [2, 3, 3, 4] skeins
- CC2: Dark Blue #8393: 1 [1, 1, 1, 2] skeins

Example 2:

Blue Sky Alpacas Melange, 100% baby alpaca [110 yds/100 m,
1.75oz/50g skein], color #817 Saffron: 8 [9, 11, 12, 13, 15,
16] skeins

Notes on Yarn Information

- Most of the yarn information can be obtained from the yarn label (ball band). You can also check all yarn info against the information provided on the yarn company website (you can use Ravelry for initial lookup, but a lot of the information there is not always accurate)
 - Often the only place you can accurately obtain the number and/or name of a color on the website.
- If possible, please calculate yds-to-meters and grams-to-ounces if missing:
 - In general:
 - If you know the # of meters, multiply it by 1.1 to get the number of yards
 - 100 gm = 3.5 oz, 50 gm = .75 oz
 - A good resource site for metric conversions is <http://www.metric-conversions.org/>

- Note if yarn (or color) is discontinued, or if it might be difficult to find in the USA. *If yarn is discontinued, or difficult to find, it would be great if you could suggest an alternative yarn either by name or weight.*

Needles/Hooks

Required information for all needles/hooks:

- US and metric sizing:
 - See <http://www.craftyarnCouncil.com/hooks.html> for a size table of needles and non-steel crochet hooks
 - For steel crochet hook conversions, see <http://www.purplekittyarns.com/info/steel-crochet-hook-conversion.html>.
 - For crochet hooks, list both the letter and number of the US size.
- For knitting needles:
 - Type of needle: circular, straight, double-pointed knitting needles
 - Suggested length
- For crochet hooks:
 - If specifying a Tunisian crochet hook, provide recommended length
- Please write out needle/hook requirements in the following type of format:

US 4 (3.5 mm) circular needles, 24"

US 10.5 (6.5 mm) needles, any type; or size required to obtain gauge

US G-6 (4 mm) crochet hook

- If multiple sizes are specified, indicate which size is used for gauge swatch, by the phrase "..., or size required to obtain gauge."

Optional:

- If you find that a specific type of needle or hook works best with the yarn specified for this pattern, add a note to this effect (e.g., "Although this ... is worked flat, a circular needle is recommended to hold the large number of stitches comfortably.", "Note: The ...*recommended yarn*... can be slippery to work with, so you may find it easier to use wood or plastic needles.", etc.)

Supplies

This includes buttons, beads, ribbons, fabric, yarn/sewing needles, beading needles, stitch markers, stitch holders, row counters, etc. — any tools required to complete the project. All items should be bulleted and listed in following styles:

- Description of buttons or beads: sizes, number required (if more than one)
- Description of ribbon or fabric: width, # of yards or inches
- Stitch markers (# required, if more than one; special type other than ring, if required)
- Stitch holders (# required, if more than one), or waste yarn

- Cable needle
- Yarn needle (*not* tapestry needle – they are different: tapestry needle tips are sharper; yarn needles are blunter and sometimes have curved tip.)

Pattern Body

Special Abbreviations

Define any abbreviation not included in KC's lists of standard abbreviation for knitting and crochet (see last pages)

CROCHET designers: Note that KnitCircus has standardized on American Crochet terminology. If you are using a crochet term unique to British/Canadian crochet terminology, you must define it in this section. *[If you are using British/Canadian crochet terminology and have problems converting to American terminology, please contact KnitCircus for advice.]*

Cable and Twist Stitches

KnitCircus recognizes that there is very little standardization of notation for cable and twist stitches. However, we would like to provide a consistent "look and feel" for this notation in all of the patterns that we publish.

As a result, we ask that every designer use the ***KnitCircus Standard Cables and Twist Stitches*** provided at the end of this document for stitch names and definitions. Since this also impacts your charts, see the ***Charts*** discussion for guidelines.

Pattern Stitches

Fully document any special stitch definitions, or stitch patterns used in your pattern. If you are using a stitch pattern exactly as it appears in some other source, ensure that the copyright statement for that source allows you to use the pattern, *Note that the Vogue stitch dictionaries has potentially tough copyright specifications, whereas other dictionaries such as the Walker treasuries do not have any stated limitations and are generally considered to be "open source". Ideally, if you are taking a stitch pattern from a dictionary, it is considered respectful to reference that source.*

For all stitch patterns, indicate the size of the stitch repeat and whether or not it is intended to be worked flat or in the round.

If you can chart the pattern (and if doing so helps present the stitch pattern more clearly), then do so. *See subsequent section on Charts later in this Guide.*

All pattern stitches ***must*** have written instructions, even if a chart is provided. *See subsequent section on Charts.*

Pattern Instructions

Pattern instructions are the written instructions for knitting or crocheting the product of the pattern.

Headings and Subheadings

Use headings and subheadings to distinguish sections of instructions that pertain to various modular parts (e.g., Body, Back, Front, Sleeve, Shoulder Shaping, Armhole, Neckline, etc.) of the product.

In general, don't worry about formatting these headings – the KnitCircus editors will do the final formatting for you.

Rows and Rounds

Rows and rounds should be designated with **Row/Round** capitalized and bolded along with the corresponding number, and followed with a colon (:) and space to separate it from the text instructions.

Flat Knitting

If you wish to indicate that a row is a RS or WS row, do so in the bolded text that precedes the colon. It is only necessary to specify RS or WS for the first occurrence of each type of row.

Examples:

Row 5: Knit across row.

.....

Row 1 (RS): Knit across row.

Row 2 (WS): Purl across row.

Row 3: ...

Row 4:

.....

Row 1 (RS): ...

Row 2 and all WS rows: ...

.....

Rounds

When working certain rounds the same (such as all even-numbered rounds), designate in this manner:

Round 2 and all even-numbered rounds: ...

Repeating/Duplicating Specific Rows/Rounds

When one or more rows/rounds are duplicated, specify the precise rows/rounds to be repeated and indicate how many times they should be repeated. If there is *any chance of confusion*, indicate the total number of rows/rounds that will have been completed after the repetition.

Also, when referencing a specific row or round, capitalize the word “Row” or “Round”. For example:

Row 13: P1, p2tog, p to end of row. (*18 sts*)

Row 14: Knit across row.

Rows 15 to 20: Repeats Rows 13 and 14 three times. (*15 sts after completing Row 20*)

.....

Decrease row: P1, p2tog, p to end of row. (*18 sts*)

Next row: Knit across row.

Repeat the preceding two rows an additional 5 [*4, 3*] times. (*13 [14, 15] sts*)

Writing the Instructions

For each row/round, the instruction text should be laid out as follows:

- **Sentence structure:** First letter of instructions is uppercase; all subsequent instructions are lowercase, with exceptions allowed for knitting/crochet abbreviations that may be confused with other abbreviations or terms.
 - For example, “M1” (for a Make 1) is always written in uppercase to avoid its potential confusion with the use of the lowercase “m” to indicate “marker”.
- **Stitch counts** should be provided at the end of every row in which the number of sts are **changed** by incs or decs.
 - An exception to this rule is if there has been a lot of manipulation in a row, it is also a good idea to specify the stitch count for a row even if the st count has not changed.
 - The stitch counts should be italicized and enclosed in parentheses and **follow the ending period** of the instruction sentence, as follows:

Row 4: K1, M1, k to last st, M1, k1. (*12 sts*)

Row 6: P8, w&t; k8, turn;p5, w&t; k to last 3 sts, k2tog, k1. (*11 sts*)

Row 7: BO 6 [7, 8] sts; knit to end of row. (24 [25, 26] sts)

- If it is more logical to specify the stitch count in a sentence that is part of the instructions for a given row/round, then do so.
- **Repetitive sequences:** There are an almost infinite number of combinations, but generally:
 - Use [...] for a specified number of repeats, such as: [k2, k2tog] 3 times;
 - Use {...} for nested repeats, such as: {[k1, k2tog] 3 times, k2} twice;
 - Use *..., rep from * for general repeats to end of row/round, such as: *k2, k2tog, rep from * to end of round.
- Cast-on and bind-off instructions are **separate from the** rows/rounds, unless the cast-on and bind-off are used for shaping in a row.

Finishing Instructions

Provide instructions for finishing the item. This includes felting, sewing, and blocking instructions as appropriate for the pattern.

Be sure to include any special care or blocking techniques. If blocking needs to be done sometime before the “usual” finishing phase (e.g., before adding a unique embellishment to a piece), please be sure to add that instruction in the appropriate location of the pattern instructions.

SCHEMATICS

Schematics are required for:

- All garments
- Accessories or other non-garments that have a non-rectangular/square shape.

If you are not able to produce schematic graphics with programs such as Adobe Illustrator® or Inkscape, then you may submit a hand-drawn schematic. Please draw the schematic as clearly as possible with the appropriate annotations (*see below.*), scan it into an image file, and then send us the image file.

If you are able to use Illustrator (or any other program) to produce a graphic, you may generate a .gif [*preferred*], .jpg, or .png image file (or a .pdf file) yourself and send it to us. For best results, please save the image file as a high-quality image – don't worry about file size as we can make necessary adjustments. Please note that, if the quality of the graphic image is not satisfactory for us, we may request the drawing in a file format that is compatible with Illustrator. This will allow us to create an image that will be most compatible with our publishing medium.

All schematics should be thoroughly annotated with the measurements for each size, using the following format:

xx [yy, zz]" / xx [yy, zz] cm

CHARTS (incl. Crochet Stitch Diagrams)

Knitting Charts

We typically receive charts created in one of these methods:

- Chart generator program such as Knit Visualizer or Intwined Pattern Studio
- Microsoft Excel, with or without a knitting symbol font
- Microsoft Word or some other documentation program, with or without a knitting font
- Hand drawing

Our requirements for chart submission vary with the method that you use to generate your charts:

- Chart generator program: If you use either Knit Visualizer (KV) or Intwined Pattern Studio (IPS), we ask that you submit your charting file (the .kvc file for KV or the .kit file for IPS). This will allow us to generate and tailor the image files for the chart(s) and legend(s) to our layout and publishing process. *[If you use another chart generator program, please contact KnitCircus to discuss the best method of providing the charts to us.]*
- Microsoft Excel or Microsoft Word: You may generate your own image files. Create either .jpg or .png file types (or a .pdf file) with a high resolution. Save each legend and chart in separate files for ease of use on our end. Optionally: you may also send us the source file (.xls/.xlsx or .doc/.docx files) for your chart, along with information on whether or not you used a knitting symbol font.
- Documentation program, other than Microsoft Word: follow above guidelines for MS Word. However, if you choose to send us your source file, please ensure it is in a format compatible with MS Word.
- Hand drawing: you **must** create a very clear hand-drawing and legend. Scan it into a high resolution file and send to us.

General chart requirements:

- Be sure that each chart (and the file containing it) is named clearly and referenced by its name in the pattern instructions
- If different charts use different legends, be sure to name the legends clearly, and provide each legend in its own image file.
- Legends should only specify the chart symbol and its label/abbreviation – no other text.
 - For charts worked flat, identify *both* RS and WS directions for symbols that are used on the WS
- For each chart, please describe:
 - Number of sts
 - Number of rows
 - Whether chart is worked flat or in the round
- Make sure chart rows are labeled correctly (all numbers on right side when chart is worked in the round, or on right and left for “flat” charts)

- Line-by Line Instructions:

Knitcircus expects both written and charted instructions for all patterns, If your pattern involves very complex or multiple charts, a charts-only pattern may be discussed.

Crochet Stitch Diagrams

Many publications and crochet designers are now including crochet stitch diagrams with their crochet patterns, using the symbols and diagram styles made popular with Japanese crochet diagrams that are being adopted internationally. The use of stitch diagrams is contributing to the growing popularity of crochet worldwide since it allows all crocheters to work a design without regard for language or country-specific terminology.

Knitcircus encourages all crochet designers to include stitch diagrams with their patterns. At this time, all of our charts have been created with a graphics program (such as Illustrator or Inkscape) and the StitchinCrochet™ font from www.adriprints.com. This font can be purchased from www.myfonts.com.

If you are not comfortable with creating diagrams with a graphics program, then you can hand-drawn your chart using the proper crochet symbols, then scan the drawing in high resolution and send it to us and we will evaluate whether or not we will generate a graphic stitch diagram.

Please contact Knitcircus if you have any questions on the inclusion of crochet stitch diagrams.

Conclusion

We hope that this Style Guide clarifies Knitcircus protocol for smooth tech-editing and your successful pattern publication. If you have any questions during the writing or editing process, please don't hesitate to contact Knitcircus for direction or clarification. Thank you so much for reading and using the Style Guide and we look forward to working with you.

--Knitcircus Staff

KnitCircus Standard Abbreviations

Please use these standard abbreviations in your patterns (and chart legends). If you need to use any additional or unusual abbreviations or techniques, make sure to include your definitions either in Special Stitches or Pattern Notes.

Common Abbreviations

approx.	approximate	pm	place marker
beg	begin, beginning	rep	repeat
bet	between	rnd	round
CC	contrasting color	RS	right side (public side)
cm	centimeter	st(s)	stitch(es)
cont	continue	tog	together
dec	decrease	WS	wrong side (private side)
EOR	every other row or every other round	yd(s)	yard(s)
est	established	[...]	repeat the instructions between the brackets the number of times specified
fol	following	{...}	repeat the insts between the braces for the specified number of times; used only for nested repeats
inc	increase or increasing	*	follow the insts that follow the asterisk as instructed
insts	instructions		
MC	main color		
patt	pattern		

Knitting Abbreviations

BO	bind off	M1L	Use tip of LH ndl to lift strand bet sts from front to back; k loop tbl.
ch	chain (crochet)	M1R	Bring tip of LH ndl under strand bet sts from back to front; knit loop.
cn:	cable needle	ndl	Needle
CO	cast on	p	purl
dpn(s)	double point needle(s)	p2tog	purl 2 sts together as one
k	knit	pfb	purl into front and back of same st.
k2tog	knit 2sts together as one	pssso	pass slipped stitch(es) over
kfb	knit into front and back of a single stitch (increase)	pwise	purlwise, as if to purl
kwise	knitwise, as if to knit	RH	right-hand
LH	left-hand	s2kp	sl 2 kwise, k1, pssso
M1	Make one (inc): pick up the strand bet 2 sts and k tbl	sc	single crochet

sk2p	sl 1 kwise, k2tog, pss0	St St	Stockinette Stitch
skp	sl 1 kwise, k1, pss0	tbl	through the back of the loop
sl	slip	w&t	wrap & turn
sm	slip marker	WS	wrong side (private side)
ssk	slip, slip knit: sl 2 sts kwise one at a time, then k them tog tbl	wyib	with yarn in back
ssp	Slip, slip, purl: [Wyif, sl 1 kwise] 2 times; ret 2 sts to LH ndl, then p2tog tbl, inserting RH ndl through bottom st first	wyif	with yarn in front
		yd(s)	yard(s)
		yo	yarn over

Crochet Abbreviations (American Crochet Terminology)

ch	chain (crochet)
dc	double crochet
hdc	half-double crochet
sc	single crochet
sl	slip
tr	triple crochet

Knitcircus Standards for Cable & Twist Stitches

Although there is very little standardization in the naming of cable and twist stitches, Knitcircus would like to provide consistent naming throughout all patterns published in a pattern collection.

To accomplish this, all designers are asked to use the abbreviations provided here in your pattern instructions and chart legends¹. If you are using some permutation of cable cross or twist stitch not described here, please create an abbreviation with these abbreviations as your guideline, and be sure to describe/define it in the “Special Abbreviations” section of your pattern instructions.

If you provide a chart that is of acceptable quality, we will most likely use it directly. If we feel a need to create a chart for either better quality or a consistent “look and feel” in our pattern collection, we will do so using the KnitVisualizer™ charting program from www.knitfoundry.com. If we do create a KnitVisualizer chart, we will show the KnitVisualizer “name” for cable and twist stitches, as shown in this table. [*Future enhancements to our KnitVisualizer charts will show the Knitcircus abbreviation in the legend.*]

A legend of the KnitVisualizer symbols for cable and twist stitches appears after the table and is provided for your reference.

[*Note: Future enhancements to this list may include symbols and name definitions from other charting software.*]










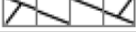














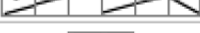






If you have any questions regarding the use of these abbreviations, please e-mail jaala@knitcircus.com.

¹ Knitcircus cable and twist stitch abbreviations have been created based on recommendations made by the Craft and Yarn Council of America (CYCA) (see http://www.craftyarnCouncil.com/chart_knit.html).

KNITCIRCUS ABBREVIATION	DEFINITION	KnitVisualizer Name
1/2 LC	Sl 1 to cn, hold in front, k2, k1 from cn.	C1 over 2 left
1/2 LCp	Sl 1 to cn, hold in front; p2, k1 from cn.	C1 over 2 left P
1/2 RC	Sl 2 to cn, hold in back; k1, k2 from cn.	C1 over 2 right
1/2 RCp	Sl 2 to cn, hold in back; k1, p2 from cn.	C1 over 2 right P
2/1 LC	Sl 2 to cn, hold in front; k1, k2 from cn.	C2 over 1 left
2/1 LCp	Sl 2 to cn, hold in front; p1, k2 from cn.	C2 over 1 left P
2/1 RC	Sl 1 to cn, hold in back; k2, k1 from cn.	C2 over 1 right
2/1 RCp	Sl 1 to cn, hold in back; k2, p1 from cn.	C2 over 1 right P
2/2 LC	Sl 2 to cn, hold in front; k2, k2 from cn.	C2 over 2 left
2/2 RC	Sl 1 to cn, hold in back; k2, k2 from cn.	C2 over 2 right
2/3 LC	Sl 2 to cn, hold in front; k3, k2 from cn	C2 over 3 left
2/3 LCp	Sl 2 to cn, hold in front; p3, k2 from cn.	C2 over 3 left P
2/3 RC	Sl 3 to cn, hold in back; k2, k3 from cn	C2 over 3 right
2/3 RCp	Sl 3 to cn, hold in back; k2, p3 from cn.	C2 over 3 right P
3/1 LC	Sl 3 to cn, hold in front; k1, k3 from cn.	C3 over 1 left
3/1 LCp	Sl 3 to cn, hold in front; p1, k3 from cn	C3 over 1 left P
3/1 RC	Sl 1 to cn, hold in back; k3, k1 from cn.	C3 over 1 right
3/1 RCp	Sl 1 to cn, hold in back; k3, p1 from cn.	C3 over 1 right P
3/2 LC	Sl 3 to cn, hold in front; k2, k3 from cn.	C3 over 2 left
3/2 LCp	Sl 3 to cn, hold in front; p2, k3 from cn.	C3 over 2 left P
3/2 RC	Sl 2 to cn, hold in back; k3, k2	C3 over 2 right

KNITCIRCUS ABBREVIATION	DEFINITION	KnitVisualizer Name
	from cn.	
3/3 LC	Sl 3 to cn, hold in front; k3, k3 from cn.	C3 over 3 left
3/3 LCp	Sl 3 to cn, hold in front; p3, k3 from cn.	C3 over 3 left P
3/3 RC	Sl 3 to cn, hold in back; k2, k3 from cn.	C3 over 3 right
3/3 RCp	Sl 3 to cn, hold in back; k3, p3 from cn.	C3 over 3 right P
LT	Sl 1 to cn, hold in front; k1, k1 from cn.	Left Twist
LTp	Sl 1 to cn, hold in front; p1, k1 from cn.	Left Twist, purl bg
pRT	Sl 1 to cn, hold in back; p1, p1 from cn ... <i>or</i> ... P into 2 nd st, then p 1 st st.	Purled Right Twist
RT	Skip the 1 st st, k into 2 nd st, then knit skipped st; sl both sts from ndl tog ... <i>or</i> ... K2tog leaving sts on LH ndl, then k 1 st st again; sl both sts off ndl.	Right Twist
RTp	Sl 1 to cn, hold in back; k1, p1 from cn.	Right Twist, purl bg

Legend:

	No Stitch
	c1 over 2 left
	c1 over 2 left P
	c1 over 2 right
	c1 over 2 right P
	c2 over 1 left
	c2 over 1 left P
	c2 over 1 right
	c2 over 1 right P
	c2 over 2 left
	c2 over 2 right
	c2 over 3 left
	c2 over 3 left P
	c2 over 3 right
	c3 over 1 left
	c3 over 1 left P
	c3 over 1 right
	c3 over 1 right P
	c3 over 2 left
	c3 over 2 left P
	c3 over 2 right
	c3 over 3 left
	c3 over 3 left P
	c3 over 3 right
	c3 over 3 right P
	Left Twist
	Left Twist, purl bg
	Purled Left Twist
	Purled Right Twist
	Right Twist
	Right Twist, purl bg

Created in KnitVisualizer (www.knitfoundry.com)

Metric Conversion

Excel formulas:
 inches_rounded=MROUND(inches,.25)
 cm_rounded=MROUND(inches*2.54,.5)

Please use "rounded" numbers for all measurements.

Inches	Inches rounded	Cm rounded	Inches	Inches rounded	Cm rounded	Inches	Inches rounded	Cm rounded	Inches	Inches rounded	Cm rounded
0.125	0.25	0.5	14.75	14.75	37.5	9.875	10	25.0	17.875	18	45.5
0.25	0.25	0.5	14.875	15	38.0	10	10	25.5	18.125	18.25	46.0
0.375	0.5	1.0	15	15	38.5	10.125	10.25	25.5	18.25	18.25	46.5
0.5	0.5	1.5	15.125	15.25	38.5	10.25	10.25	26.0	18.375	18.5	46.5
0.625	0.75	1.5	15.25	15.25	38.5	10.375	10.5	26.5	18.5	18.5	47.0
0.75	0.75	2.0	15.375	15.5	39.0	10.5	10.5	26.5	18.625	18.75	47.5
0.875	1	2.0	15.5	15.5	39.5	10.625	10.75	27.0	18.75	18.75	47.5
1	1	2.5	15.625	15.75	39.5	10.75	10.75	27.5	18.875	19	48.0
1.125	1.25	3.0	15.75	15.75	40.0	10.875	11	27.5	19.125	19.25	48.5
1.25	1.25	3.0	15.875	16	40.5	11	11	28.0	19.25	19.25	49.0
1.375	1.5	3.5	16	16	40.5	11.125	11.25	28.5	19.375	19.5	49.0
1.5	1.5	4.0	16.125	16.25	41.0	11.25	11.25	28.5	19.5	19.5	49.5
1.625	1.75	4.0	16.25	16.25	41.5	11.375	11.5	29.0	19.625	19.75	50.0
1.75	1.75	4.5	16.375	16.5	41.5	11.5	11.5	29.0	19.75	19.75	50.0
1.875	2	5.0	16.5	16.5	42.0	11.625	11.75	29.5	19.875	20	50.5
2	2	5.0	16.625	16.75	42.0	11.75	11.75	30.0	20	20	51.0
2.125	2.25	5.5	16.75	16.75	42.5	11.875	12	30.0	20.125	21	53.5
2.25	2.25	5.5	16.875	17	43.0	12	12	30.5	21.25	21.25	53.5
2.375	2.5	6.0	17	17	43.0	12.125	12.25	31.0	21.375	21.5	54.5
2.5	2.5	6.5	17.125	17.25	43.5	12.25	12.25	31.0	21.5	21.5	54.5
2.625	2.75	6.5	17.25	17.25	44.0	12.375	12.5	31.5	21.625	21.75	55.0
2.75	2.75	7.0	17.375	17.5	44.0	12.5	12.5	32.0	21.75	21.75	55.0
2.875	3	7.5	17.5	17.5	44.5	12.625	12.75	32.5	21.875	22	55.5
3	3	7.5	17.625	17.75	45.0	12.75	12.75	32.5	22	22	56.0
3.125	3.25	8.0	17.75	17.75	45.0	12.875	13	32.5	22.125	22.25	56.0
3.25	3.25	8.5	17.875	18	45.5	13	13	33.0	22.25	22.25	56.5
3.375	3.5	8.5	18	18	45.5	13.125	13.25	33.5	22.375	22.5	57.0
3.5	3.5	9.0	18.125	18.25	46.0	13.25	13.25	33.5	22.5	22.5	57.0
3.625	3.75	9.0	18.25	18.25	46.5	13.375	13.5	34.0	22.625	22.75	57.5
3.75	3.75	9.5	18.375	18.5	46.5	13.5	13.5	34.5	22.75	22.75	58.0
3.875	4	10.0	18.5	18.5	47.0	13.625	13.75	35.0	22.875	23	58.0
4	4	10.0	18.625	18.75	47.5	13.75	13.75	35.0	23	23	58.5
4.125	4.25	10.5	18.75	18.75	47.5	13.875	14	35.0	23.125	23.25	58.5
4.25	4.25	11.0	18.875	19	48.0	14	14	35.5	23.25	23.25	59.0
4.375	4.5	11.0	19	19	48.5	14.125	14.25	36.0	23.375	23.5	59.5
4.5	4.5	11.5	19.125	19.25	48.5	14.25	14.25	36.0	23.5	23.5	59.5
4.625	4.75	11.5	19.25	19.25	49.0	14.375	14.5	36.5	23.625	23.75	60.0
4.75	4.75	12.0	19.375	19.5	49.0	14.5	14.5	37.0	23.75	24	60.5
4.875	5	12.5	19.5	19.5	49.5	14.625	14.75	37.0	24	24	61.0
			19.625	20	51.0				24.125	24.25	61.5
			19.75	20	51.0				24.25	24.25	61.5
			19.875	20	50.5				24.375	24.5	62.0
			20	20	51.0						
			20.125	20.25	51.0						
			20.25	20.25	51.5						
			20.375	20.5	52.0						
			20.5	20.5	52.0						
			20.625	20.75	52.5						
			20.75	20.75	52.5						
			20.875	21	53.0						
			21	21	53.5						
			21.125	21.25	53.5						
			21.25	21.25	54.0						
			21.375	21.5	54.5						
			21.5	21.5	54.5						
			21.625	21.75	55.0						
			21.75	21.75	55.0						
			21.875	22	55.5						
			22	22	56.0						
			22.125	22.25	56.0						
			22.25	22.25	56.5						
			22.375	22.5	57.0						
			22.5	22.5	57.0						
			22.625	22.75	57.5						
			22.75	22.75	58.0						
			22.875	23	58.0						
			23	23	58.5						
			23.125	23.25	58.5						
			23.25	23.25	59.0						
			23.375	23.5	59.5						
			23.5	23.5	59.5						
			23.625	23.75	60.0						
			23.75	23.75	60.5						
			23.875	24	60.5						
			24	24	61.0						
			24.125	24.25	61.5						
			24.25	24.25	61.5						
			24.375	24.5	62.0						

