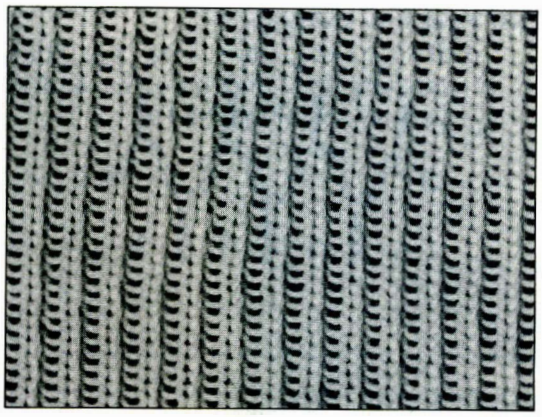
VII. THE WAY OF KNITTING

1. How to Knit 1 × 1 rib



1 × 1 rib is most widely used for waist bands in sweaters, cuffs, collars, pockets and for many other decorative purposes. The rib is produced by having knit stitch over knit stitch and purl stitch over purl stitch, in vertical lines, and is soft and elastic.
In the following example, medium thickness wool is used for the practice.

CASTING-ON FOR 1 × 1 RIB

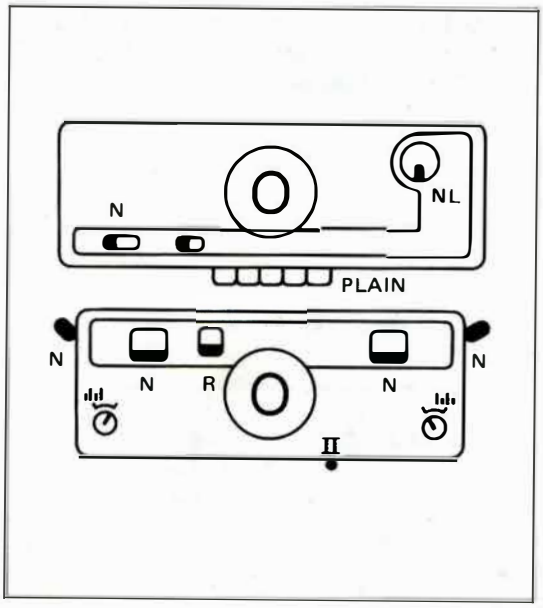
(1) Setting of carriage

Carriage (KH)

Change knob	: NL
Tension dial	: O
Holding cam lever	: N
Pattern selector button	: PLAIN

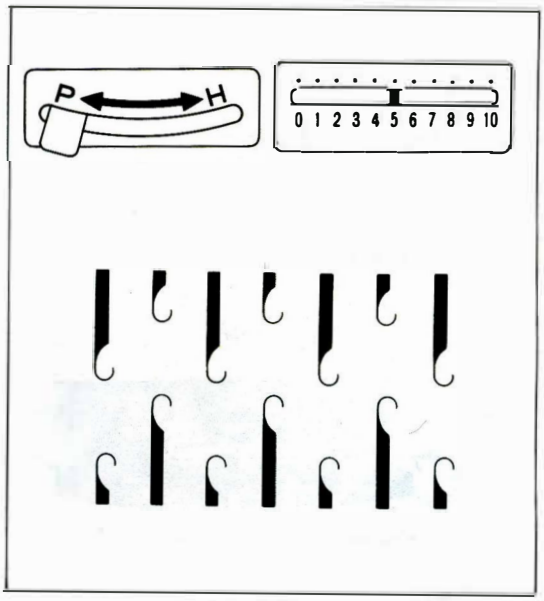
Carriage (KR)

Slide lever	: II
Tension dial	: O
Cam lever	: (L) N (R), N
Tucking lever	: R
Holding cam lever	: (L) N, (R) N



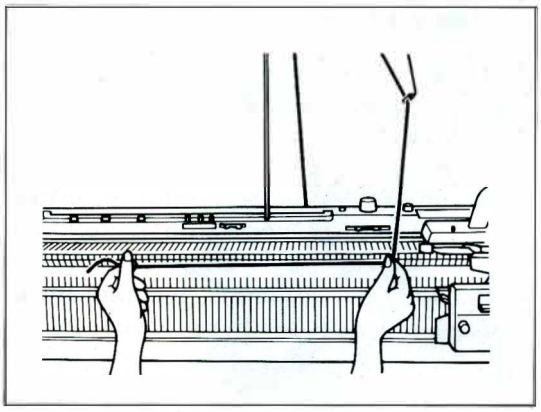
(2) Needle arrangement

a. Set the half pitch lever on "P".
b. By using 1/1 needle pusher, arrange the plain needles and purl needles in position B of each bed.
   Note: Both end needles must be plain needles.
c. By operating the connected carriage a few times over all arranged needles, the needles on KH and KR needle beds will be set in a line on position B.
d. Place the connected carriage at right end of the needle beds.

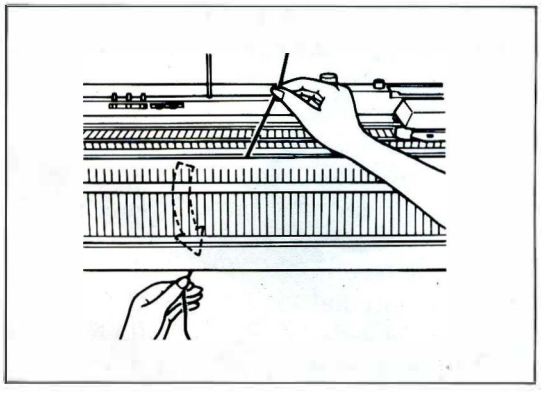


(3) First row knitting

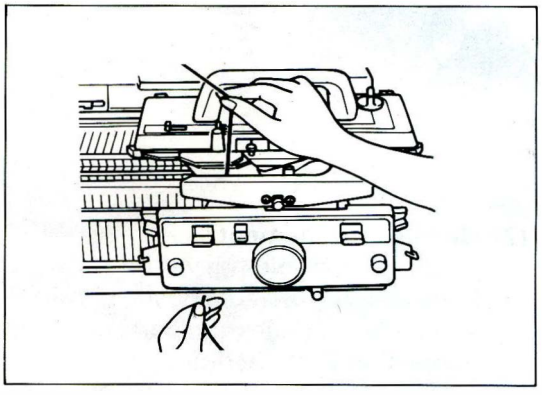
a. Thread the yarn into the Yarn tension unit, and hold the end of yarn as shown in the Fig.



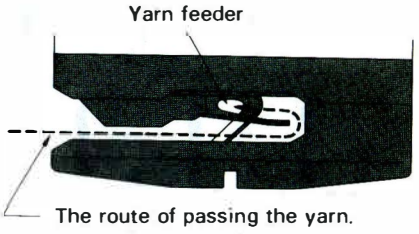
b. Pass the yarn between both gate pegs, and catch the end of yarn with left hand.

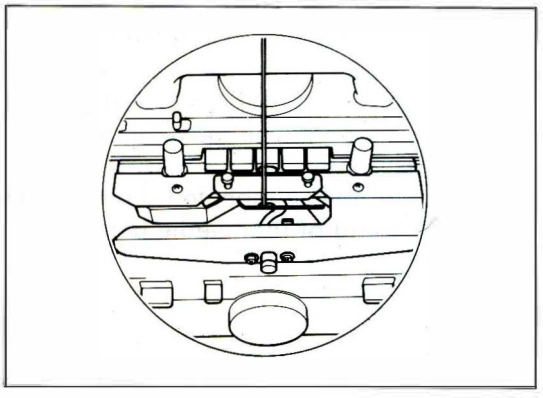


c. Hold the yarn with right hand (continue to hold the end of yarn with left hand), pass to the yarn feeder.

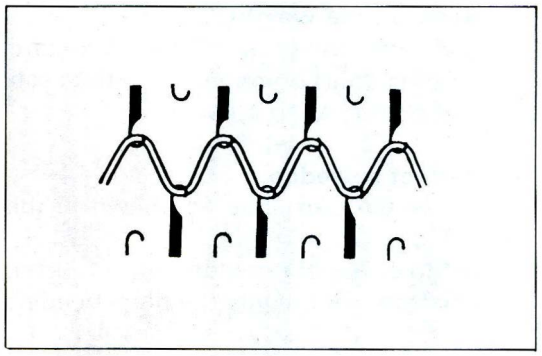


d. Pass the yarn into the yarn feeder securely.





e. Continue to hold the end of yarn with left hand, and move the connected carriage from right to left.
(The yarn will hang on plain and purl needles.)

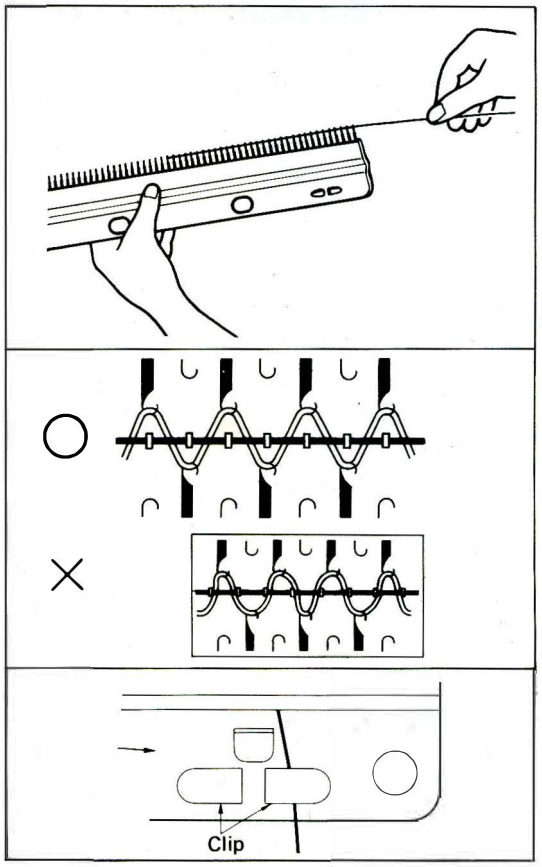


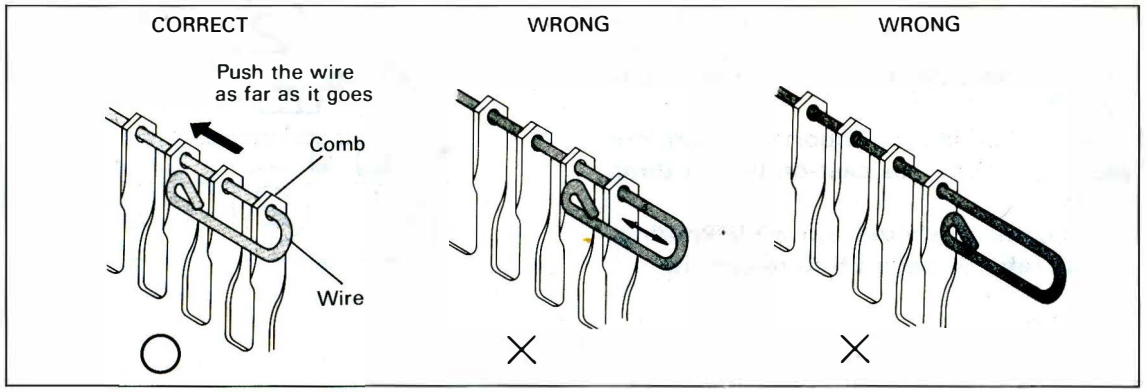
(4) Hang on the cast-on comb

a. Pull out the wire from the cast-on comb.
(Choose long or short one depending on the knitting width.)
Hold the cast-on comb with the face having the protrusions facing you and the comb on top.

b. Put the cast-on comb between the knitter and the ribber from underneath and insert the comb between the plain and purl needles in such a way that the top of the comb does not disturb or drop the yarn hanging the needles.
Pass the wire through the top of the combs with your right hand, while holding the comb with your left hand.

c. Hook the loose end of the yarn around the yarn clip to keep it out of the way and to tense the first stitch.





(5) Hang on the weights

Hang the weights as per Standard weights chart on page 16 on the cast-on comb to keep balance.

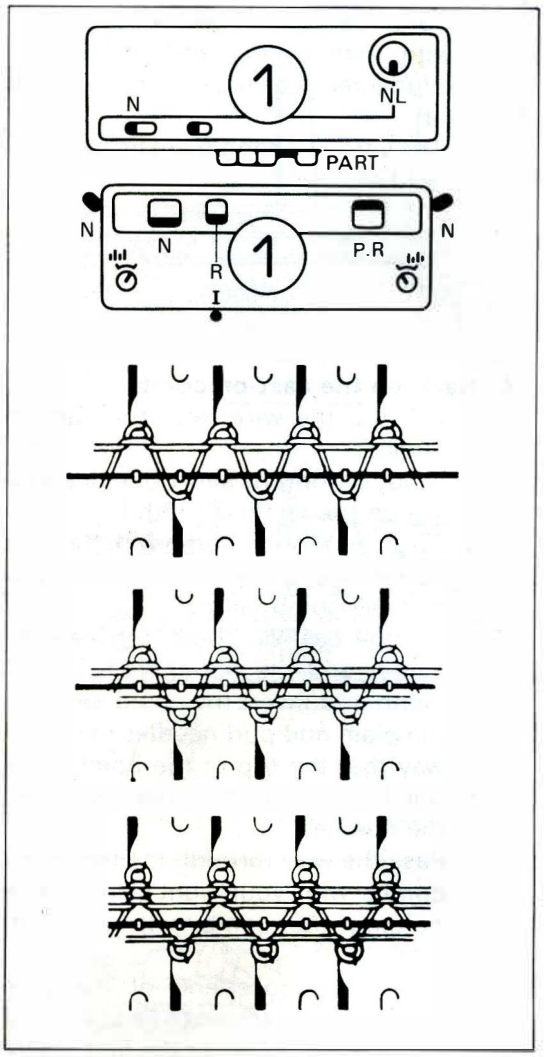
(6) Perfect selvedge

a. Set the carriages as shown in the Fig.

b. Move the connected carriage from left to right. (Only the plain needles knit.)

c. Move the connected carriage from right to left.
(The purl needles knit.)

d. Move the connected carriage from left to right.
(The plain needles knit.)
The perfect selvedge has completed.



1 × 1 RIB KNITTING

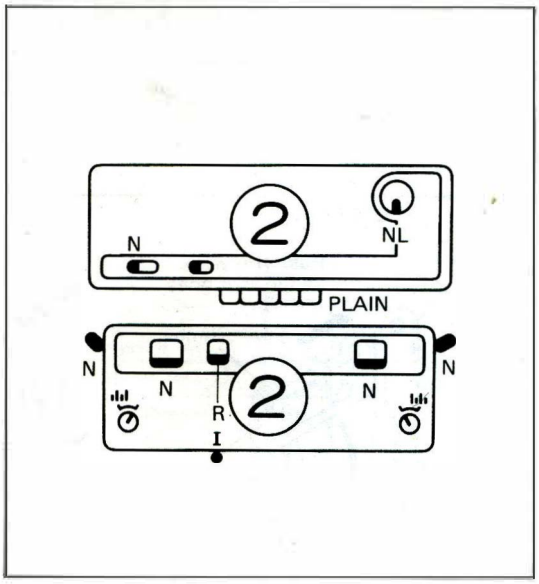
* After knitting the selvedge, set the carriages as shown in the Fig.
Then, continue the knitting.

Note: Don't take the carriage back until you hear the "click" or the carriage passes the last working needle.

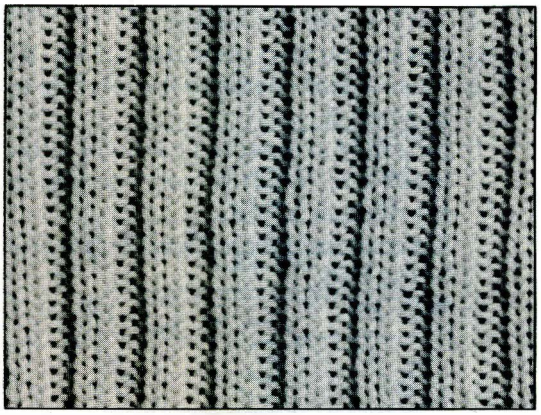
You are now able to do a finished end cast-on.

This method is very important, therefore please practice this cast-on two or three times.

If the carriage should jam while knitting, please refer to page 55 to release it.



2. How to knit 2 × 2 rib



2 × 2 rib is 2 knit and 2 purl rib.
In one row, 2 knit stitches alternate with 2 purl stitches and vertically form knit stitch over knit stitch and purl stitch over purl stitch.
In the following example, medium thickness wool is used.

CASTING-ON FOR 2 × 2 RIB

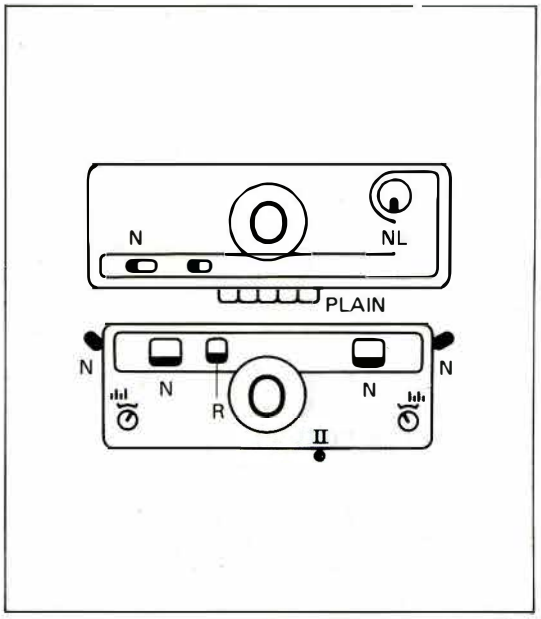
(1) Setting of carriage

Carriage (KH)

Change knob	: NL
Tension dial	: O
Holding cam lever	: N
Pattern selector button	: PLAIN

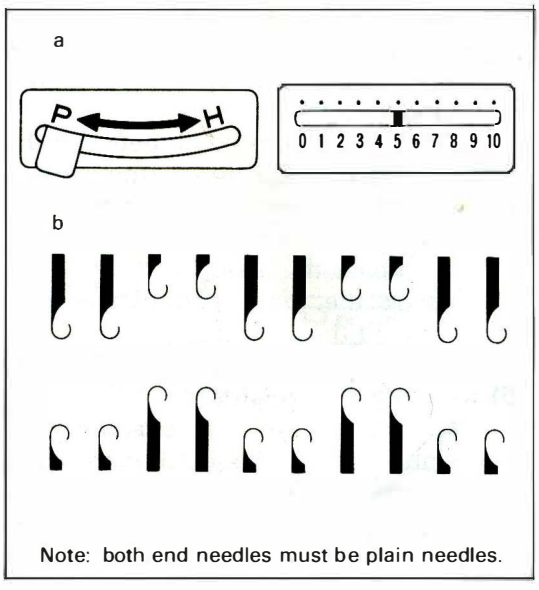
Carriage (KR)

Slide lever	: II
Tension dial	: O
Cam lever	: (L) N, (R) N
Tucking lever	: R
Holding cam lever	: (L) N, (R) N



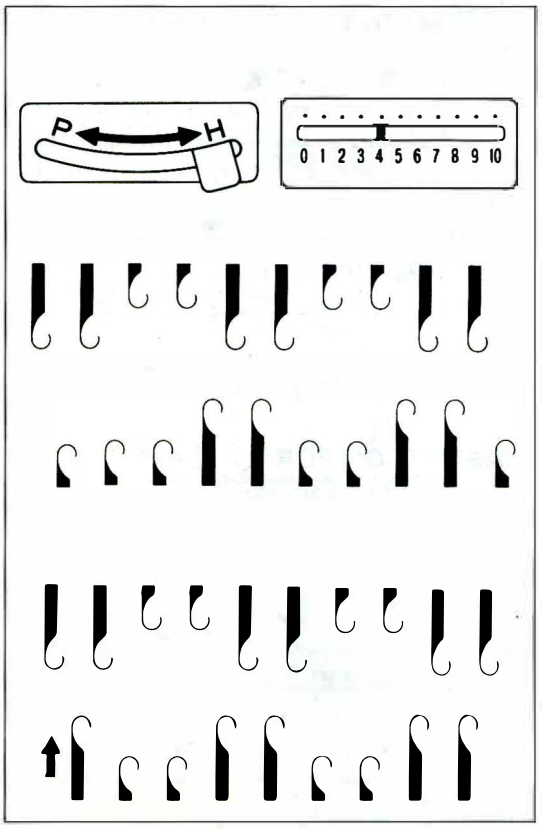
(2) Needle arrangement

a. Set the half pitch lever on "P", and racking indicator on No. 5.
b. By using 2/2 needle pusher, arrange the plain needles and purl needles in position B of each bed.



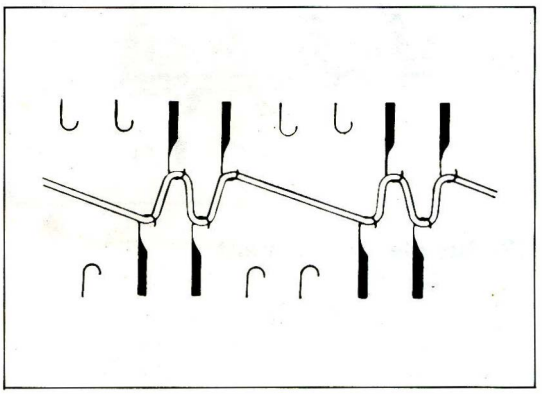
Note: both end needles must be plain needles.

c. Set the half pitch lever on "H".
d. Set the racking indicator on No. 4.
e. Raise a purl needle in the left side to position B.
f. Move the connected carriage a few times over all arranged needles to set them in a line.
Then, place the carriage at right end of the bed.



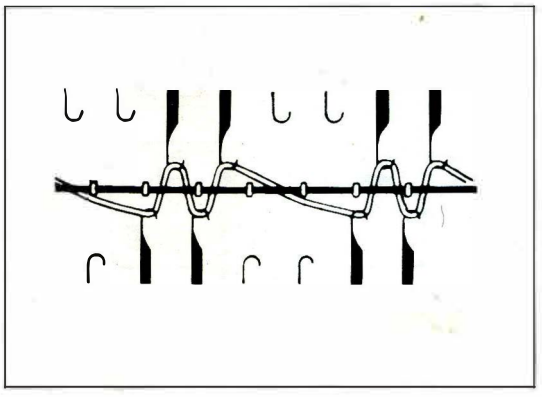
(3) First row knitting

a. Thread the yarn into the yarn feeder.
b. Move the connected carriage from right to left. (The yarn will hang on plain and purl needles.)



(4) Hang on the cast-on comb

* This is in the same way as 1 × 1 rib.
a. Hold the cast-on comb with the face having the protrusions facing you and the comb on top.
b. Put the cast-on comb between the knitter and the ribber from underneath and insert the comb between the yarn hanging on the needles. And pass the wire.
c. Hook the loose end of the yarn around the yarn clip.



(5) Hang on the weights

Hang the weights as per Standard weights chart on page 16 on the cast-on comb to keep balance.