

## HOW TO USE THE GARTER STITCH ATTACHMENT

How wonderful it would be, you may have thought, if you could knit such an intricate design as Picot 10 or 20 times faster with the Knitting Machine you now own. This desire of yours will be fulfilled with the Garter Stitch Attachment. It solves like a miracle the tiresome problems of transferring and purling stitches.

### 1. FEATURES:

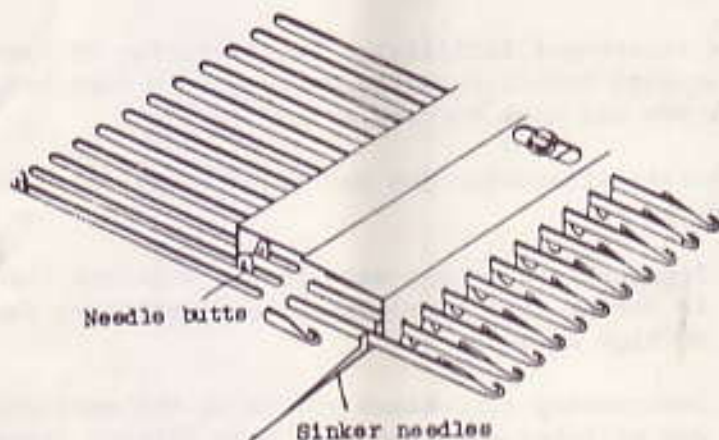
1. With this Attachment you can knit Garter Stitch at high speed and with relative ease. Reason: The Garter Stitch Attachment does all the slipping and turning over in one operation, which, with your Tappet or Crochet Hook, you would have to do all the stitches one by one.
2. This Attachment facilitates the operation of Garter Stitch a great deal enabling you to venture into more beautiful fancy work you may have not yet tried.
3. With this Attachment you can transfer stitches in one operation.
  - (a) Together: When you want to put together three stitches in one at the lower edge of a V-neckline, you can do this at high speed.
  - (b) Decreasing at various points on the same row: You can put stitches together with ease without transferring to another hand knitting needle, (especially on a wristband which requires decreasing many stitches in one row.)
  - (c) Filet pattern, or Lace pattern: You can do the together in Picot stitches in one operation.
  - (d) Ground pattern (solid or single colour pattern): You can do various types of fancy stitch work, such as cable stitches, in one operation.
  - (e) Others: You can also knit stitches which you did not bother about knitting until you added this Attachment to your Knitting Machine.
4. You can remove the garment from your Knitting Machine onto the Attachment easily and look at your work when you want to inspect it during the knitting process. (e.g. in case of colour patterns.)
5. It is also convenient when you want to stop your work at any time during the knitting process and carry the knitted work to some other place.

6. The Attachment does not interfere with the use of a weight or weights.
7. Since the Garter Stitch Attachment consists of two connected bars, you can use only a half unless the number of stitches is more than 100.

## 2. OPERATION:

### A. HOW TO USE THE NEEDLE STOPPER:

The Needle Stopper is designed to hold the knitting needles of the machine so that the needles are aligned and secured.



(Fig. 1)

1. Pull the knitting needles towards you.
2. Put the Stopper of the butts of the knitting needles and sinker posts. (Fig. 1)
3. When releasing the Needle Stopper, be sure to release it from the side covering the knitting needles (the side closest to you facing the Knitting Machine.)

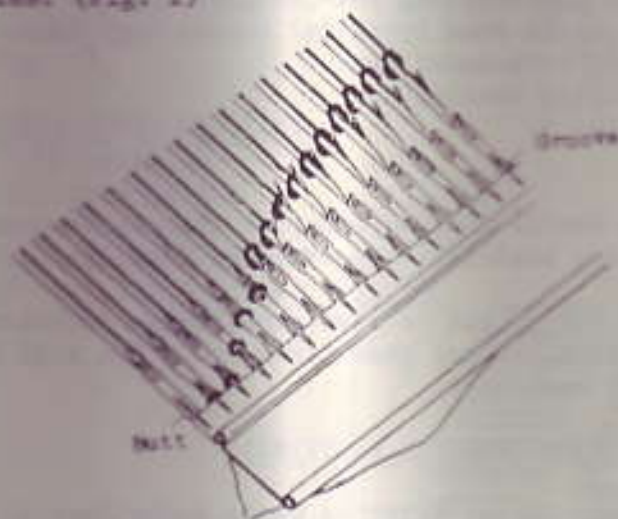
### B. GARTER STITCHES:

#### 1. First Step:

- (A) Pull forward the machine needles with stitches in their hooks and secure them with the Needle Stopper. Open the latches of the needles.
- (B) Hold the Garter Attachment with the needle grooves upwards. Insert the knitting needles through the eyes of the Garter needles by lowering the Garter Attachment.



- (C) Transfer the stitches toward the Attachment by pushing gently with your finger-tips. The important point here is to transfer the stitches beyond the butts of the needles (the projected parts on the sides of the Garter needles.) And arrange them in a straight line along the stop-over. Only when you are using fine lace yarns, you need not go beyond the butts of the Garter needles. (Fig. 2)



(Fig. 2)

- (D) When stitches are transferred completely to the Garter Attachment over the closed latches of the knitting needles, push the Attachment forward gently. Push gently until the tips of the Garter needles open the latches of the needles.
- (E) When the latches of the knitting needles are open completely, take the Garter Attachment off of the knitting needles.

## 2. Second Step:

- (A) Turn over the Garter Attachment with the garment.



(Fig. 3)

- (B) Put the grooves of the Garter needles over the heads of the knitting needles. Pull the Garter Attachment slightly forward (toward you). At this point all the stitches are transferred back to the knitting needles (Fig. 3 & 4.)



(Fig. 4)

- (C) Then, take the Garter needles off the stitches by letting the Garter Attachment stand more or less vertically and by pulling them downward. Be careful not to engage the eyes of the Garter needles on the knitting needles. This can be done by pulling the Garter Attachment away from the knitting needles and downward. (Fig. 5)



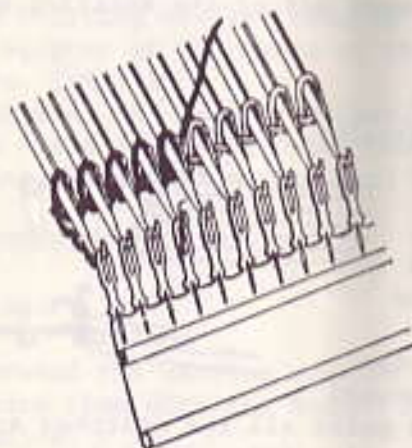
(Fig. 5)

- (D) Take off the Needle Stopper and push the machine needles back to the knitting position. Operate the Carriage.
- \* When another row or set of rows of stitches is knitted on the Knitting Machine, repeat this procedure. You will have fine Garter Stitch work done.

#### C. PARTIAL GARTER STITCH (PARTIAL KNITTING):

You would want to knit Garter Stitches while doing Partial Knitting. The problem here is how to handle the yarn end which is in the middle of the row in the case of Partial Knitting. Please follow the instructions below:-

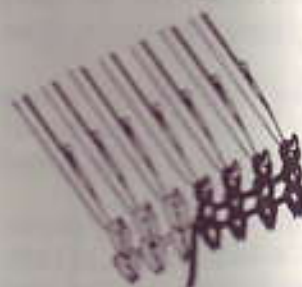
1. Be sure to lift up the yarn end above the machine needles before placing your Garter Attachment on the knitting needles. (Fig. 6)



(Fig. 6)

2. When turning over your work and placing stitches back to the machine needles, the yarn end, again, should be lifted up above the Garter Attachment so that the yarn will not be trapped between the garment and the machine, under the machine or behind the garment. (Fig. 7)

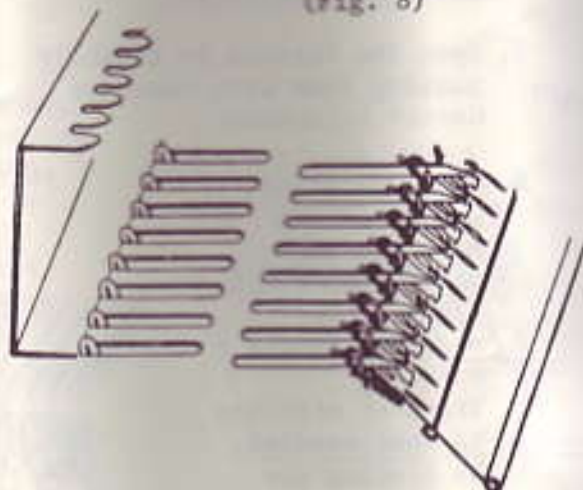
(Fig. 7)



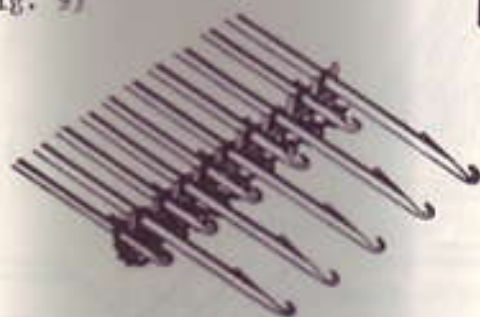
#### D. LACE PATTERN (OPEN PATTERN):

1. Firstly, arrange the knitting needles so that the stitches will not go over the latches but will push them open. (Fig. 8)

(Fig. 8)



(Fig. 9)



2. Push slightly forward every other needle (in case of making holes every other stitch), so that the stitches will go behind the latches. (Fig. 9)

(Fig. 10)

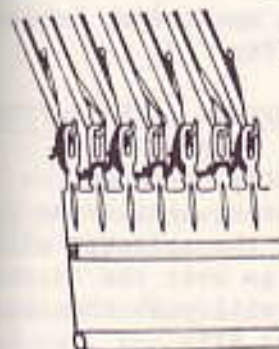


3. Align all needles (Fig. 10).



4. Place the eyes of Garter needles on the hooks of machine needles, and pull them all the way forward.
5. Place the Needle Stopper over the needle bed, with the flat edge over the butts of needles and the other edge with teeth over the butts of needles, to secure the needles in place.

6. Gently pull the fabric forward and every other stitch is transferred to the Garter Attachment. (Fig. 11)



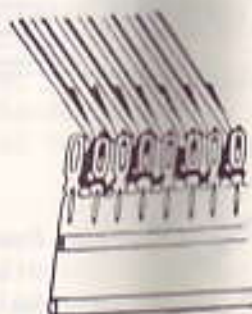
(Fig. 11)

7. Open the latches by slightly pushing them with teeth of Garter Attachment.

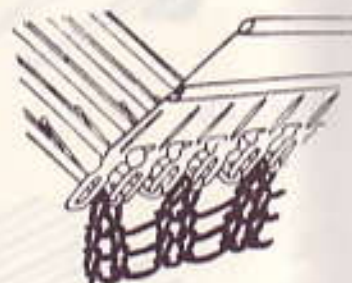
8. Gently lift the Garter Attachment and move it to either right or left over one needle space.

Transfer stitches to next needles, by placing the Garter needles on machine needles, tilting the Garter Attachment as if the stitches slide down, and pushing the fabric toward machine needle. (Fig. 12 & 13)

(Fig. 12)



(Fig. 13)

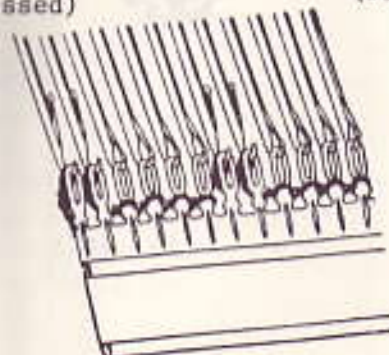


#### E. CABLE STITCHES:

2 by 2 cable (2 and 2 stitches crossed)

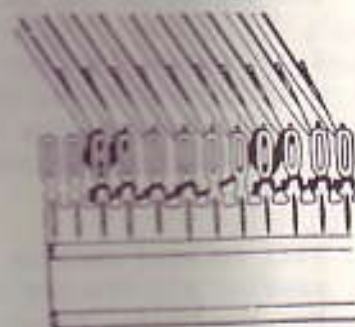
(Fig. 14)

1. Transfer a group of 4 stitches from machine needles to Garter Attachment. (Fig. 14)



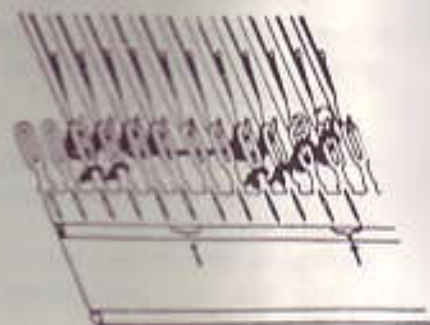
2. Move the Garter Attachment to either right or left over two needle space, and place it on the machine needles. (Fig. 15)

(Fig.15)

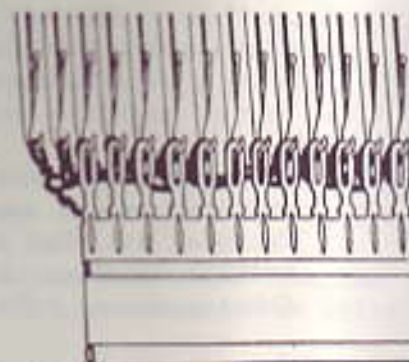


3. Put back left two stitches, of 4 stitch group to machine needles (in case you have brought the Attachment to the right) by pushing stitches with your finger tips. (Fig. 16)

(Fig.16)



4. Then, move the Attachment to the opposite side (to the left) over four needle space and put back other two stitches, thus crossing them over. (Fig. 17)



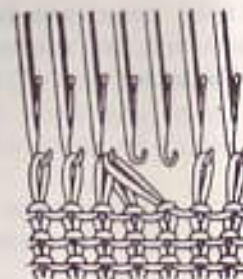
#### F. THREE TOGETHER IN MIDDLE OF A ROW: -----

(Fig.17)

3 together at bottom of V neck

1. With your transfer tool, transfer the stitch next to the centre to the centre stitch and transfer again the stitch together with the centre stitch back to the vacant needle. (Fig. 18)

(Fig.18)





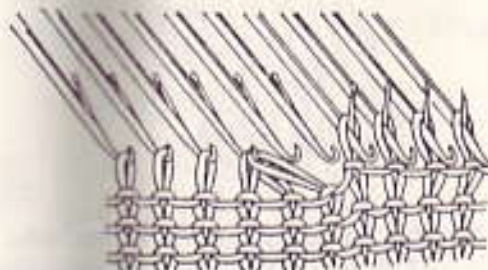
2. Then, take the other side stitch next to the vacant needle and put it on the two stitches (altogether 3 stitches).

3. You now have two vacant needles, which you are to fill by bringing in stitches over two needle space.

(Fig.19)

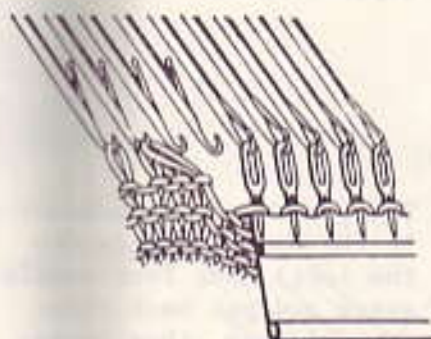
4. Pull forward machine needles all the way out. Put the Needle Stopper.

5. Push gently the stitches you want to transfer behind the latches. Join the Garter Attachment to the machine needles. (Fig. 19)



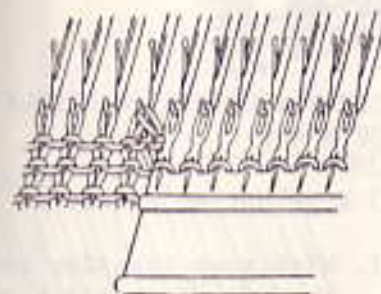
(Fig.20)

6. Transfer stitches to the Garter Attachment. (Fig. 20)



7. Bring in the Attachment over two needle space and transfer stitches back to machine needles. Disconnect the Attachment. (Fig. 21)

When you do not want to move the centre, bring in left half stitches (except centre stitch) over one needle space and do the other half likewise.



(Fig. 21)

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